

GEOPHYSICAL REPORT
FOR
SEA EMERALD CORP.
ON THE
LANGMUIR NORTH AND WEST GRIDS
LANGMUIR TOWNSHIP
PORCUPINE MINING DIVISION
NORTHEASTERN, ONTARIO

2. 244 16

Prepared by: J. C. Grant, CET, FGA
OCTOBER 18TH, 2002

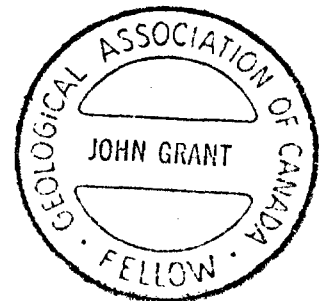


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INTRODUCTION:

The services of Exsics Exploration Limited were retained by Mr M. Caron, on behalf of the Company, Sea Emerald Corp. to complete a detailed ground geophysical report on a ground geophysical program that was carried out on the Companys properties, Lang West and North grids, which is located in the northwest section of Langmuir Township of the Porcupine Mining Division, Timmins Ontario.

The purpose of the ground program was to locate and outline a series of conductive horizons that would be considered favourable horizons for the deposition of base metal and PGE group mineralization . The ground program commenced in the middle of August, 2002 and was completed by the 10th of October, 2002. During that period of time, a totalof 11.2 kilometers of grid lines were cut and surveyed on the North grid and 21.3 kilometers of grid lines were cut and surveyed on the West grid.

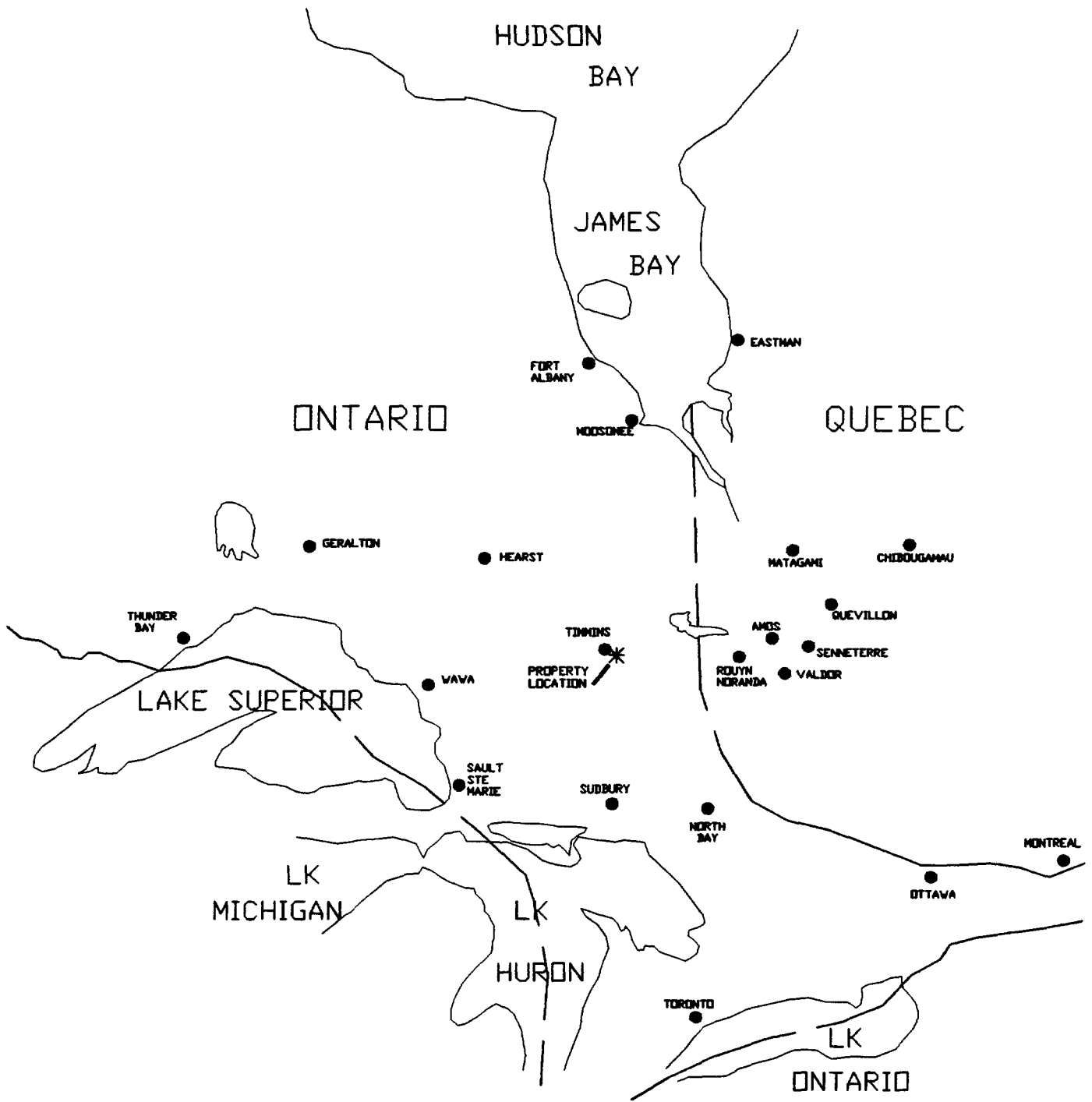
This report will deal with the results of that program.

PROPERTY LOCATION AND ACCESS:

The West and North Grids are located in the northwest section of Langmuir Township of the Porcupine Mining Division in Northeastern Ontario. More specifically, the West grid is situated approximately 2 kilometers west of St Peter Bay of Night Hawk lake and about 2 kilometers southwest of Carman bay. The North grid is situated to the immediate west of Carman Bay such that the eastern boundary of the grid is in the Bay.

Refer to Figures 1 and 2 of this report for the exact locations of these two grids.

Access to the grids during the survey period was ideal. There is a good, all weather, gravel road that runs from South Porcupine in a southeast direction that crosses the north-central section of Langmuir Township to the old Langmuir Minesite property. A series of ingress gravel roads cross cut the area which provide good access to the both of the grids. Travelling time from Timmins to the properties is approximately 45 minutes.



EXSICS EXPLORATION LTD.
 P.O. Box 1880, P4N-7X1
 Suite 13, Hollinger Bldg, Timmins Ont.
 Telephone: 705-267-4151, 267-2424

CLIENT: SEA EMERALD CORP.

PROPERTY: LANGMUIR MINE SITE/north-west Grids

TITLE:

LOCATION MAP

Fig. 1

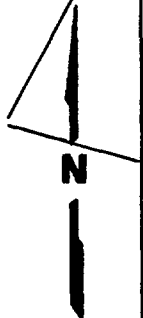
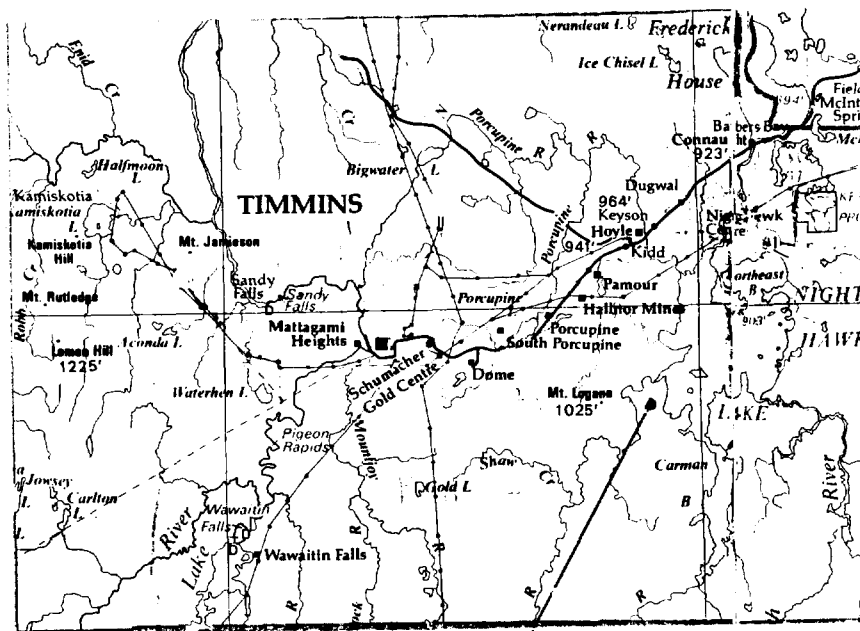
Date: Oct./02


Scale: 1" = 125 miles NTS:

Drawn: J.C. Grant

Interp: J.C. Grant Job No.: E-





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CLIENT: SEA EMERALD CORP.		
PROPERTY: LANGMUIR MINE SITE/north-west Grids		
TITLE:		
PROPERTY LOCATION MAP		
Fig. 2		
Date: Oct./02	Scale: 1:60,000	NTS:
Drawn: J.C. Grant	Interp: J.C. Grant	Job No.: E-

CLAIM BLOCK:

The claim numbers that make up the West and North Grids are as follows.

West Grid: P- 1236563, P-1236554, P-1236774, P-1236555
P- 1236561

North Grid: P-1213414, P-1213131, P-1213130, P-1224498
P-1224497, P-1223513

Refer to Figure 3, which was copied from the MNDM Plan Map G-3226, Langmuir Township, for the positioning of the claims within the two Grids.

PERSONNEL:

The field crew directly responsible for the collection of the survey data were hired by M. Caron and under the direct supervision of M. Caron. All of the plotting and compilation was completed by J. C. Grant of Exsics Exploration Limited.

GROUND PROGRAM:

The ground program consisted of line cutting, HLEM surveys and a total field magnetic survey.

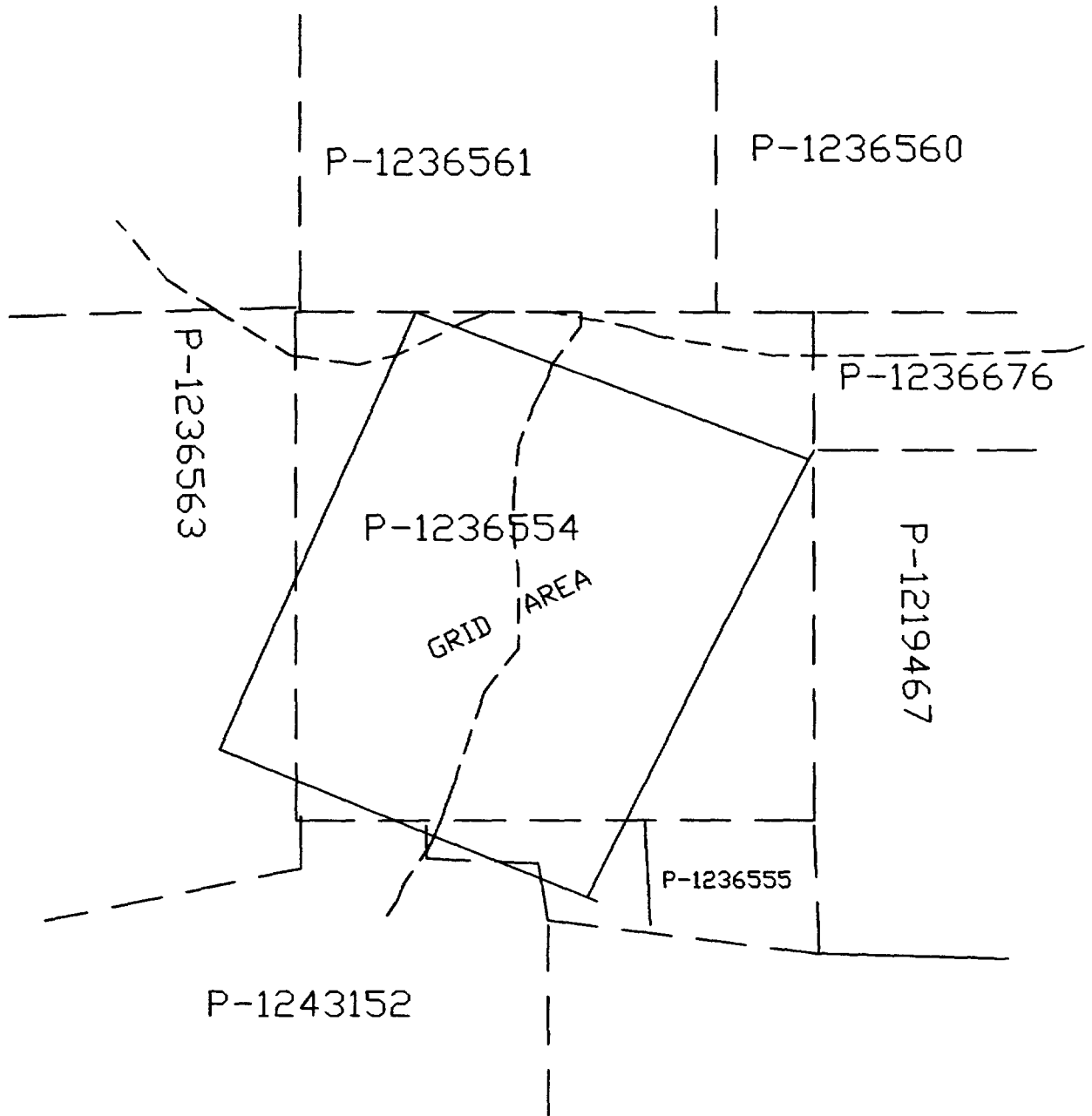
Once the cutting was completed, an HLEM survey was completed on all of the cross lines for both grids, using the Apex PARAMETRICS MaxMin I system. Specifications for this system can be found as Appendix B of this report.

The following parameters were kept constant throughout the survey procedure.

North Grid:

Line spacing:	50 meters
Station spacing:	25 meters
Reading intervals:	25 meters
Frequencies recorded	3555 Hz, 1777 Hz, 444 Hz
Coil separations:	100 meters
Parameters measured	In phase and quadrature components of the secondary fields

LANGMUIR TOWNSHIP



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CLIENT: SEA EMERALD CORP.

PROPERTY: LANGMUIR MINESITE, WEST GRID

TITLE:

CLAIM SKETCH

Fig. 3

Date: Oct./02

Scale: 1:20,000

NTS:

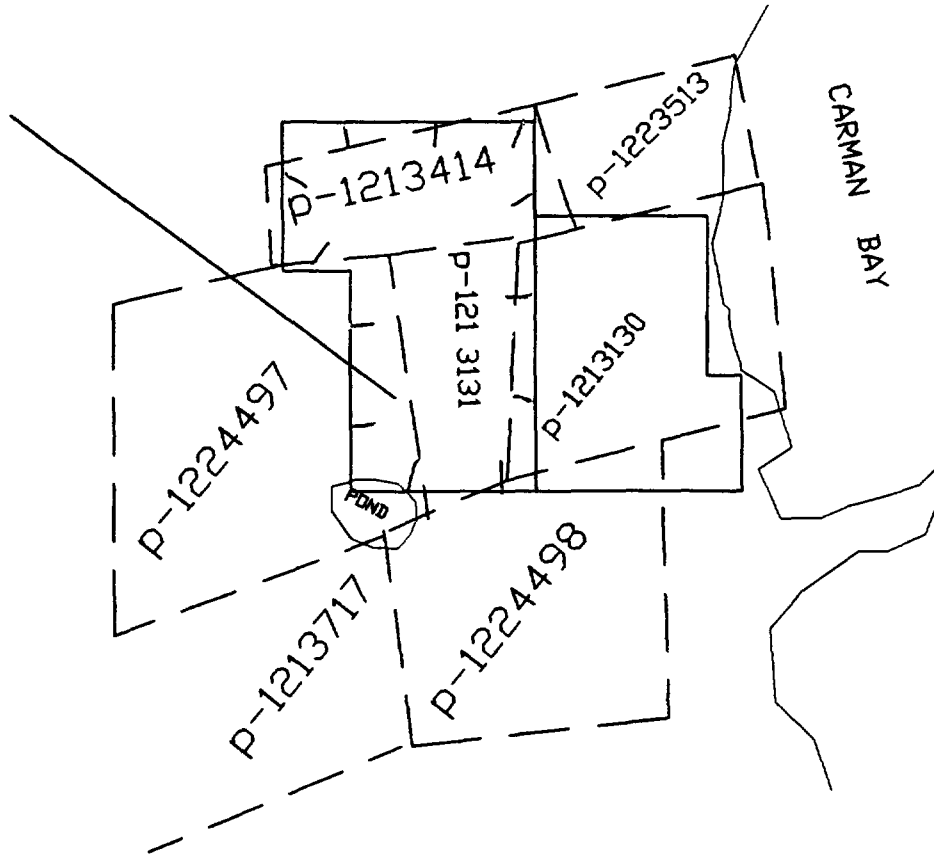
Drawn: J.C. Grant

Interp: J.C. Grant

Job No.: E-

LANGMUIR TOWNSHIP

GRID
AREA



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Telephone: 705-267-4151, 267-2424

CLIENT: SEA EMERALD CORP.

PROPERTY: LANGMUIR MINESITE/NORTH GRID

TITLE:

CLAIM SKETCH

Fig. 3a

Date: Oct./02

Scale: 1:20,000

NTS:

Drawn: J.C. Grant

Interp: J.C. Grant

Job No.: E-

West Grid:

Line spacing: 50, 100 meters
Station Intrevals: 25 meters
Reading intervals: 25 meters
Frequencies recorded: 3555 Hz, 1777Hz, 444Hz
Coil separation: 100 meters
Parameters measured: Inphase and Quadrature components of the secondary fields.

Upon the completion of the HLEM surveys, the collected data was then plotted directly onto base maps, one base map for each frequency recorded, at a scale of 1:5000 and then profiled at either 1cm=+/- 40%. A copy of each of these profiled base maps are included in the back pocket of this report.

A total field magnetic survey was also completed across all of the grid lines on both of the cut grids. This was completed using the Scintrex, Envi Mag system. Specifications for this unit can be found as Appendix B of this report.

The following parameters were kept constnt throughout the survey period.

Line spacing: 50, 100 meters
Station spacing: 25 meters
Reading intervals: 12.5 meters
Diurnal monitoring: Base station recorder, set at 30 second reading interval
Reference field: West Grid, 58000 gamma, North Grid, 58500 gamma
Datum subtracted: 57500 gamma

Upon the completion of the survey, the collected data was corrected, levelled and then plotted directly onto a base map, one map for each grid, at a scale of 1:5000 and then contoured at 20 gamma intervals where ever possible. A copy of these contoured base maps is included in the back pocket of this report.

SURVEY RESULTS:

The results of the surveys for each grid will be discussed seperately and in detail below.

NORTH GRID:

The HLEM survey was successful in locating and outlining several conductive zones across the grid of which Zones A and B are the most predominant.

The magnetic survey was also successful in outlining a good magnetic high structure striking into the grid from the north-northeast from line 3400MN to and including 3050MN. At this point the high seems to have been pinched and then continues to line 2800MN but a fair bit narrower.

There appears to be a second magnetic high unit striking into the grid at the east end of line 3300MN that is either deeper or not as magnetic as the aforementioned zone. This second feature can be traced as far as line 2950MN where it too appears to have been pinched or faulted. It may continue as far as 2800MN and off of the grid to the south.

Zone A correlates to what appears to be a contact zone between the two magnetic highs. The zone can be followed from line 3300MN to and including 2800MN where it continues off of the grid in both directions. The zone is situated at a depth to source of 12 to 40 meters and has a conductivity range of 20 to 80 mohs. The strongest and shallowest portion of the zone is situated on line 3100MN. The feature appears to represent a legitimate bedrock conductor dipping slightly east to near vertical.

Zone B also correlates to the same contact feature as A but it is slightly west of Zone A. Interpretation of the zone was not completed as the data is somewhat noisy, however, it is a legitimate bedrock conductor well within the search depth capabilities of the survey and most probably relates to the same source as Zone A.

CONCLUSIONS AND RECOMMENDATIONS:

NORTH GRID:

Generally the HLEM survey was successful in locating and outlining at least two strong conductive zones across the cut grid. Certainly Zone A is the better defined target albeit, Zone B is probably of the same magnitude and depth. Both of the targets have been well defined and both appear to lie at the contact between two magnetic high units. Both zones may emanate from the same source.

I would suggest that Zone A be drill tested across line 3100MN and should be drilled east to west. Results of that drilling should explain the zone with follow up drilling based on positive results.

SURVEY RESULTS:

WEST GRID:

The HLEM survey was successful in locating and outlining several conductive zones across the property. These zones labelled A, B, C, D, E and F will be discussed separately and in detail.

Zone A:

This feature is a weak questionable zone striking northeast-southwest from line 1550Mn to 1450Mn and it correlates to a narrow magnetic high unit in the same area.

Zone B:

Again, this zone relates to a weak and or deep zone striking northeast-southwest from line 1500Mn to 1300Mn and may continue as far as line 1000Mn. This zone is located on the eastern flank of a magnetic high unit that can be followed from line 1600Mn to 700Mn just to the west of the base line.

Zones C and D:

These two features represent the strongest zones on the grid. Both targets correlate to good narrow magnetic high units which cover the northeast portion of the grid. The zones lie at a depth to source of 20 to 25 meters with good conductivity of 50 plus mohs and both appear to dip slightly east to near vertical.

Zone E:

This feature strikes from line 1300Mn to and including 1200Mn and correlates to the western flank of the same magnetic unit that is host to Zone D. This zone lies at a depth to source of 42 meters and with a conductivity value of 12 mohs. The zone is dipping near vertical.

Zone F:

This conductor can be traced from line 1150Mn to and including 1000Mn and again correlates to the southern extension of the same magnetic unit that is host to Zones D and E. The zone is situated at a depth to source of 33 to 45 meters and has a conductivity range of 8 to 12 mohs.

The magnetic survey was also successful in outlining several magnetic high trends across the grid. These highs have been well defined and host all of the zones with the exception of zone B which correlates to the flank of one of the highs. There may be evidence of faulting and or folding on the grid as well as the strike of the mag highs have been cross cut and or folded along their axis.

This faulting can be seen striking from 1100Mn, 1500Me to line 700Mn, base line and again possibly along line 900Mn from the east end of the line to 1700Me. There may also be a cross fault striking from line 100Mn, base line to 1300Mn at the west end.

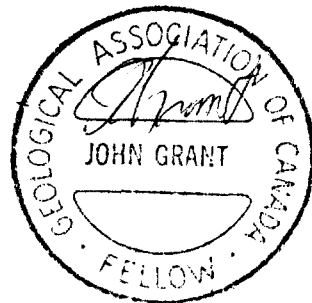
CONCLUSIONS AND RECOMMENDATIONS:

WEST GRID:

The surveys were successful in locating several good legitimate bedrock conductors across the grid. At this writing, Zones C, D, E and F represent the best looking targets of which, C and D are the strongest. I would recommend a drilling Zones C and D from east to west and should this drilling return favourable results then all of the zones would be upgraded and a more extensive drill program would be contemplated.

Respectfully submitted

J.C. Grant
October, 2002.

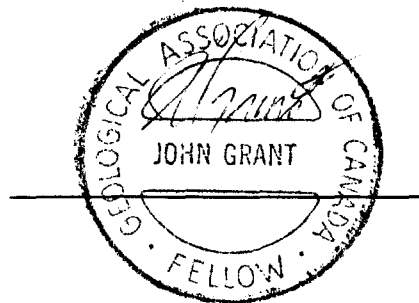


CERTIFICATION

I, John Charles Grant, of 108 Kay Crescent, in the City of Timmins, Province of Ontario, hereby certify that:

- 1). I am a graduate of Cambrian College of Applied Arts and Technology, 1975, Sudbury Ontario Campus, with an Honors Diploma in Geological and Geophysical Technology.
- 2). I have worked subsequently as an Exploration Geophysicist for Teck Exploration Limited, (5 years), and currently as Exploration Manager and Geophysicist for Exsics Exploration Limited, since 1980.
- 3). I am a member in good standing of the Certified Engineering Technologist Association, (CET), since 1984
- 4). I am a Fellow of the Geological Association of Canada, (FGAC), since 1986.
- 5). I have been actively engaged in my profession since the 15th of May of 1975, in all aspects of ground exploration programs, including the planning and execution of field programs, project supervision, data compilation, interpretations and reports.
- 6). I have no specific or special interest in the herein described property. I have been retained by the property holders and or their Agent as a Geophysical Consultant and Contract Manager.

John Charles Grant, CET., FGAC.



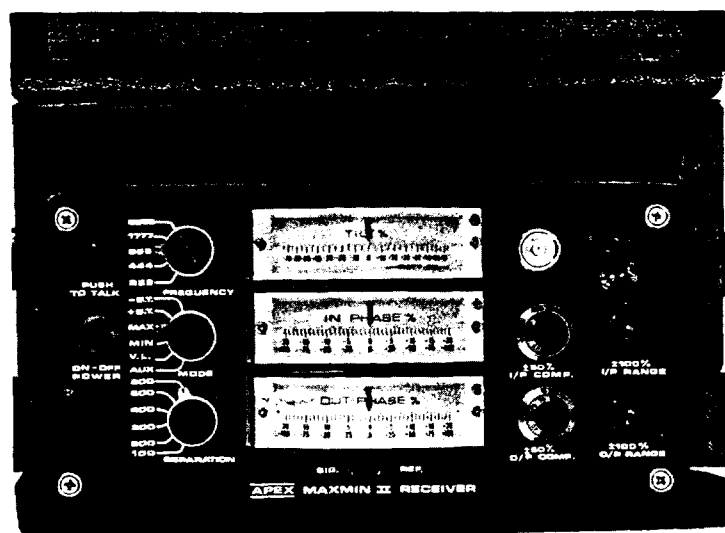
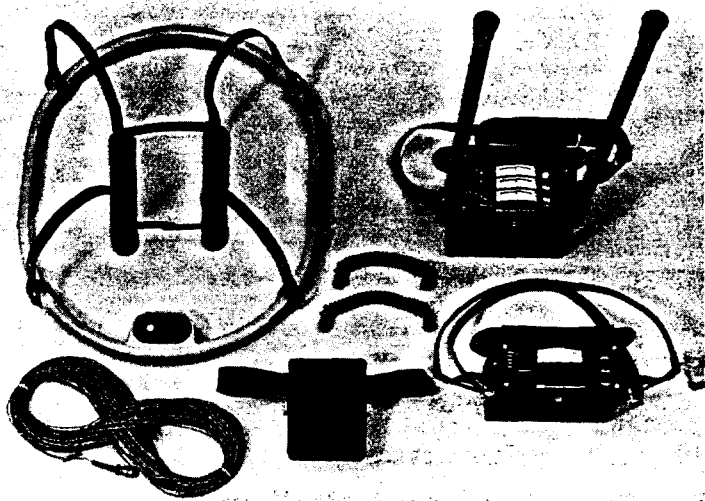
APPENDIX A

APEX

MAXMIN II PORTABLE EM

- Five frequencies: 222, 444, 888, 1777 and 3555 Hz.
- Maximum coupled (horizontal-loop) operation with reference cable.
- Minimum coupled operation with reference cable.
- Vertical-loop operation without reference cable.
- Coil separations: 25, 50, 100, 150, 200 and 250 m (with cable) or 100, 200, 300, 400, 600 and 800 ft.
- Reliable data from depths of up to 180m (600 ft).
- Built-in voice communication circuitry with cable.
- Tilt meters to control coil orientation.





SPECIFICATIONS :

Frequencies: 222, 444, 888, 1777 and 3555 Hz.

Modes of Operation: MAX: Transmitter coil plane and receiver coil plane horizontal (Max-coupled; Horizontal-loop mode). Used with refer. cable.

MIN: Transmitter coil plane horizontal and receiver coil plane vertical (Min-coupled mode). Used with reference cable.

V.L. : Transmitter coil plane vertical and receiver coil plane horizontal (Vertical-loop mode). Used without reference cable, in parallel lines.

Coil Separations: 25, 50, 100, 150, 200 & 250m (MMII) or 100, 200, 300, 400, 600 and 800 ft. (MMIIF). Coil separations in V.L. mode not restricted to fixed values.

Parameters Read: - In-Phase and Quadrature components of the secondary field in MAX and MIN modes.
- Tilt-angle of the total field in V.L. mode.

Readouts: - Automatic, direct readout on 90mm (3.5") edgewise meters in MAX and MIN modes. No nulling or compensation necessary.
- Tilt angle and null in 90mm edgewise meters in V.L. mode.

Scale Ranges: In-Phase: $\pm 20\%$, $\pm 100\%$ by push-button switch.
Quadrature: $\pm 20\%$, $\pm 100\%$ by push-button switch.
Tilt: $\pm 75\%$ slope.
Null (V.L.): Sensitivity adjustable by separation switch.

Readability: In-Phase and Quadrature: 0.25% to 0.5% ; Tilt: 1% .

Repeatability: $\pm 0.25\%$ to $\pm 1\%$ normally, depending on conditions, frequencies and coil separation used.

Transmitter Output: - 222Hz : 220 Atm²
- 444Hz : 200 Atm²
- 888 Hz : 120 Atm²
- 1777 Hz : 60 Atm²
- 3555 Hz : 30 Atm²

Receiver Batteries: 9V trans. radio type batteries (4). Life: approx. 35hrs. continuous duty (alkaline, 0.5 Ah), less in cold weather.

Transmitter Batteries: 12V 6Ah Gel-type rechargeable battery. (Charger supplied).

Reference Cable : Light weight 2-conductor teflon cable for minimum friction. Unshielded. All reference cables optional at extra cost. Please specify.

Voice Link: Built-in intercom system for voice communication between receiver and transmitter operators in MAX and MIN modes, via reference cable.

Indicator Lights: Built-in signal and reference warning lights to indicate erroneous readings.

Temperature Range: -40°C to +60°C (-40°F to +140°F).

Receiver Weight: 6kg (13 lbs.)

Transmitter Weight: 13kg (29 lbs.)

Shipping Weight: Typically 60kg (135 lbs.), depending on quantities of reference cable and batteries included. Shipped in two field/shipping cases.

Specifications subject to change without notification.

APEX

PARAMETRICS LIMITED

200 STEELCASE RD. E., MARKHAM, ONT., CANADA, L3R 1G2

Phone: (416) 495-1612

Cables: APEXPARA TORONTO

Telex: 06-966773 NORDVIK TOR

APPENDIX B

2

SCINTREX

ENVI-MAG Environmental Magnetometer/Gradiometer

Locating Buried Drums and Tanks?

The ENVI-MAG is the solution to this environmental problem. ENVI-MAG is an inexpensive, lightweight, portable "WALKMAG" which enables you to survey large areas quickly and accurately.

ENVI-MAG is a portable, proton precession magnetometer and/or gradiometer, for geotechnical, archaeological and environmental applications where high production, fast count rate and high sensitivity are required. It may also be used for other applications, such as mineral exploration, and may be configured as a total-field magnetometer, a vertical gradiometer or as a base station.

The ENVI-MAG

- easily detects buried drums to depths of 10 feet or more
- more sensitive to the steel of a buried drum than EM or radar
- much less expensive than EM or radar
- survey productivity much higher than with EM or radar

Features and Benefits

"WALKMAG" Magnetometer/Gradiometer

The "WALKMAG" mode of operation (sometimes known as "Walking Mag") is user-selectable from the keyboard. In this mode, data is acquired and recorded at the rate of 2 readings per second as the operator walks at a steady pace along a line. At desired intervals, the operator "triggers" an event marker by a single key stroke, assigning coordinates to the recorded data.

True Simultaneous Gradiometer

An optional upgrade kit is available to configure ENVI-MAG as a gradiometer to make true, simultaneous gradiometer measurements. Gradiometry is useful for geotechnical and archaeological surveys where small near surface magnetic targets are the object of the survey.

Selectable Sampling Rates

5 second, 1 second and 2 second sampling rates user selectable from the keyboard.

Main features include:

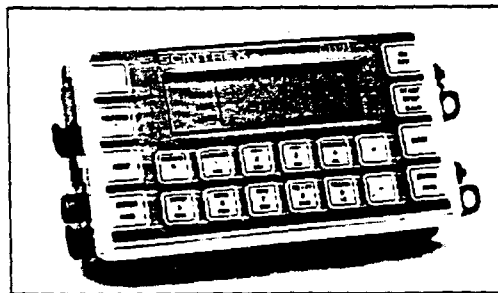
- select sampling rates as fast as 2 times per second
- "WALKMAG" mode for rapid acquisition of data
- large internal, expandable memory
- easy to read, large LCD screen displays data both numerically and graphically
- ENVIMAP software for processing and mapping data

ENVI-MAG comprises several basic modules; a lightweight console with a large screen alphanumeric display and high capacity memory, a staff mounted sensor and sensor cable, rechargeable battery and battery charger, RS-232 cable and ENVIMAP processing and mapping software.

For gradiometry applications an upgrade kit is available, comprising an additional processor module for installation in the console, and a second sensor with a staff extender.

Large-Key Keypad

The large-key keypad allows easy access for gloved-hands in cold-weather operations. Each key has a multi-purpose function.



Front panel of ENVI-MAG showing a graphic profile of data and large-key keypad

Large Capacity Memory

ENVI-MAG with standard memory stores up to 28,000 readings of total field measurements, 21,000 readings of gradiometry data or 151,000 readings as a base station. An expanded memory option is available which increases this standard capacity by a factor of 5.



ENVI-MAG Proton Magnetometer in operation

For base station applications a Base Station Accessory Kit is available so that the sensor and staff may be converted into a base station sensor.

Easy Review of Data

For quality of data and for a rapid analysis of the magnetic characteristics of the survey line, several modes of review are possible. These include the measurements at the last four stations, the ability to scroll through any or all previous readings in memory, and a graphic display of the previous data as profiles, line by line. This feature is very useful for environmental and archaeological surveys.

Highly Productive

The "WALKMAG" mode of operation acquires data rapidly at close station intervals, ensuring high-definition results. This increases survey productivity by a factor of 5 when compared to a conventional magnetometer survey.

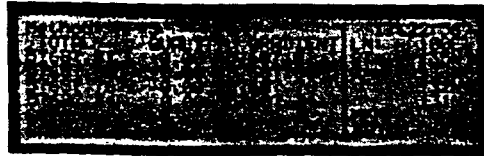
"Datacheck" Quality Control of Data

"Datacheck" provides a feature wherein at the end of each survey line, data may be reviewed as a profile on ENVI-MAG's screen. Datacheck confirms that the instrument is functioning properly.

allows the user to note the magnetic relief (anomaly) on the line.

Large Screen Display

"Super-Twist" 64 x 240 dot (8 lines x 40 characters), LCD graphic screen provides good visibility in all light conditions. A display heater is optionally available for low-temperature operations below 0°C.



Close-up of the ENVI-MAG screen showing data presented after each reading

Interactive Menus

The set-up of ENVI-MAG is menu-driven, and minimizes the operator's learning time, and on-going tasks.



Close-up of display of ENVI-MAG showing interactive set-up menu

Rechargeable Battery and Battery Charger

An "off-the-shelf" lead-acid battery and charger are provided as standard. The low-cost "Camcorder" type battery is available from electronic parts distributors everywhere.

HELP-Line Available

Purchasers of ENVI-MAG are provided with a HELP-Line telephone number to call in the event assistance is needed with an application or instrumentation problem.

ENVIMAP Processing and Mapping Software

Supplied with ENVI-MAG, and custom designed for this purpose, is easy-to-use, very user-friendly, menu driven data processing and mapping software called ENVIMAP. This unique software appears to the user to be a single program, but is in fact a sequence of separate programs, each performing a specific task. Under the menu system, there are separate programs to do the following:

- read the ENVI-MAG data and reformat it into a standard compatible with the ENVIMAP software
- grid the data into a standard grid format
- create a vector file of posted values

with line and baseline identification that allows the user to add some title information and build a suitable surround

- contour the gridded data
- autoscale the combined results of the posting/surround step and the contouring step to fit on a standard 8.5 ins. wide dot-matrix printer
- rasterize and output the results of step e) to the printer

ENVIMAP is designed to be as simple as possible. The user is required to answer a few basic questions asked by ENVIMAP, and then simply toggles "GO" to let ENVIMAP provide default parameters for the making of the contour map. The user can modify certain characteristics of the output plot. ENVIMAP'S menu system is both keyboard and mouse operable. HELP screens are integrated with the menu system so that HELP is displayed whenever the user requests it.

Options Available

- True simultaneous gradiometer upgrade
- Base station upgrade
- Display heater for low temperature operations
- External battery pouch

Specifications

Total Field Operating Range

20,000 to 100,000 nT (gammas)

Total Field Absolute Accuracy

+/- 1nT

Sensitivity

0.1 nT at 2 second sampling rate

Tuning

Fully solid state. Manual or automatic, keyboard selectable

Cycling (Reading) Rates

0.5, 1 or 2 seconds, up to 9999 seconds for base station applications, keyboard selectable

Gradiometer Option

Includes a second sensor, 20 inch (1/2m) staff extender and processor module

"WALKMAG" Mode

0.5 second for walking surveys, variable rates for hilly terrain

Digital Display

LCD "Super Twist", 240 x 64 dots graphics, 8 line x 40 characters alphanumeric

Display Heater

Thermostatically controlled, for cold weather operations

Keyboard Input

17 keys, dual function, membrane type

Notebook Function

32 characters, 5 user-defined MACRO's for quick entry

Standard Memory

Total Field Measurements: 28,000 readings

Gradiometer Measurements: 21,000 readings

Base Station Measurements: 151,000 readings

Expanded Memory

Total Field Measurements: 140,000 readings

Gradiometer Measurements: 109,000 readings

Base Station Measurements: 750,000 readings

Real-Time Clock

Records full date, hours, minutes and seconds with 1 second resolution, +/- 1 second stability over 12 hours

Digital Data Output

RS-232C interface, 600 to 57,600 Baud, 7 or 8 data bits, 1 start, 1 stop bit, no parity format. Selectable carriage return delay (0-999 ms) to accommodate slow peripherals. Handshaking is done by X-on/X-off

Analog Output

0 - 999 mV full scale output voltage with keyboard selectable range of 1, 10, 100, 1,000 or 10,000 nT full scale

Power Supply

Rechargeable "Camcorder" type, 2.3 Ah, Lead-acid battery.

12 Volts at 0.65 Amp for magnetometer, 1.2 Amp for gradiometer,

External 12Volt input for base station operations

Optional external battery pouch for cold weather operations

Battery Charger

110 Volt - 230 Volt, 50/60 Hz

Operating Temperature Range

Standard 0° to 60°C

Optional -40°C to 60°C

Dimensions

Console - 10 x 6 x 2.25 inches
(250 mm x 152 mm x 55 mm)

T.F. sensor - 2.75 inches dia. x 7 inches
(70 mm x 175 mm)

Grad. sensor and staff extender - 2.75 inches dia. x 26.5 inches (70 mm x 675 mm)

T.F. staff - 1 inch dia. x 76 inches (25 mm x 2 m)

Weight

Console - 5.4 lbs (2.45 kg)
with rechargeable battery

T. F. sensor - 2.2 lbs (1.15 kg)

Grad. sensor - 2.5 lbs (1.15 kg)

Staff - 1.75 lbs (0.8 kg)

SCINTREX

Head Office

222 Snidercroft Road

Concord, Ontario, Canada L4K 1B5

Telephone: (905) 669-2280

Fax: (905) 669-6403 or 669-5132

Telex: 08-964570

In the USA:

Scintrex Inc.

85 River Rock Drive

Unit 202

Buffalo, NY 14207

Telephone: (716) 298-1219

Fax: (716) 298-1217

Date: 2002-NOV-06

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

SEA EMERALD DEVELOPMENT CORPORATION
227 BIRCH NORTH, APT. B
TIMMINS, ONTARIO
P4N 6E4 CANADA

Tel: (888) 415-9845
Fax: (877) 670-1555

Submission Number: 2.24416
Transaction Number(s): W0260.01644

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,



Ron Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

Michel George Caron
(Agent)

Sea Emerald Development Corporation
(Assessment Office)

Assessment File Library

Sea Emerald Development Corporation
(Claim Holder)



MINISTRY OF
NORTHERN DEVELOPMENT
AND MINES
PROVINCIAL MINING
RECORDERS' OFFICE

**MINING LAND TENURE
MAP**

Date / Time of Issue Oct 28 2002 14:55h Eastern

TOWNSHIP / AREA PLAN
LANGMUIR G-3228

ADMINISTRATIVE DISTRICTS / DIVISIONS
Mining Division Porcupine
Land Titles/Registry Division Unavailable
Ministry of Natural Resources District Unavailable

TOPOGRAPHIC

- Add a Private Boundary
- Township
- Concession Lot
- Private Port
- Polar Port
- City of the 1st
- Canal
- Common - Agric. Authority Discretion
- Street
- Mine - surface
- Railway
- Road
- Trail
- Natural Gas Pipeline
- H/W/L/P
- Common Crown Land
- Wooded Area
- Meridian - Geometric - Historical - North - Centre

LAND TENURE

- Freehold Patent
- Surface and Mining Rights
- Surface Rights Only
- Mining Rights Only
- Leasehold Patent
- Surface and Mining Rights
- Surface Rights Only
- Mining Rights Only
- License of Occupation
- Unsettled
- Surface and Mining Rights
- Surface Rights Only
- Mining Rights Only
- Land Use Permit
- Old-land Claim
- Water Power Lease Agreement
- Mining Claim

LAND TENURE WITHDRAWALS

- Areas Withdrawn from Disposition
- Mining Act Withdrawal Types
- Surface and Mining Rights Withdrawal
- Surface Rights Only Withdrawal
- Mining Rights Only Withdrawal
- Order in Council Withdrawal Type
- Surface and Mining Rights Withdrawal
- Surface Rights Only Withdrawal
- Mining Rights Only Withdrawal

IMPORTANT NOTICES

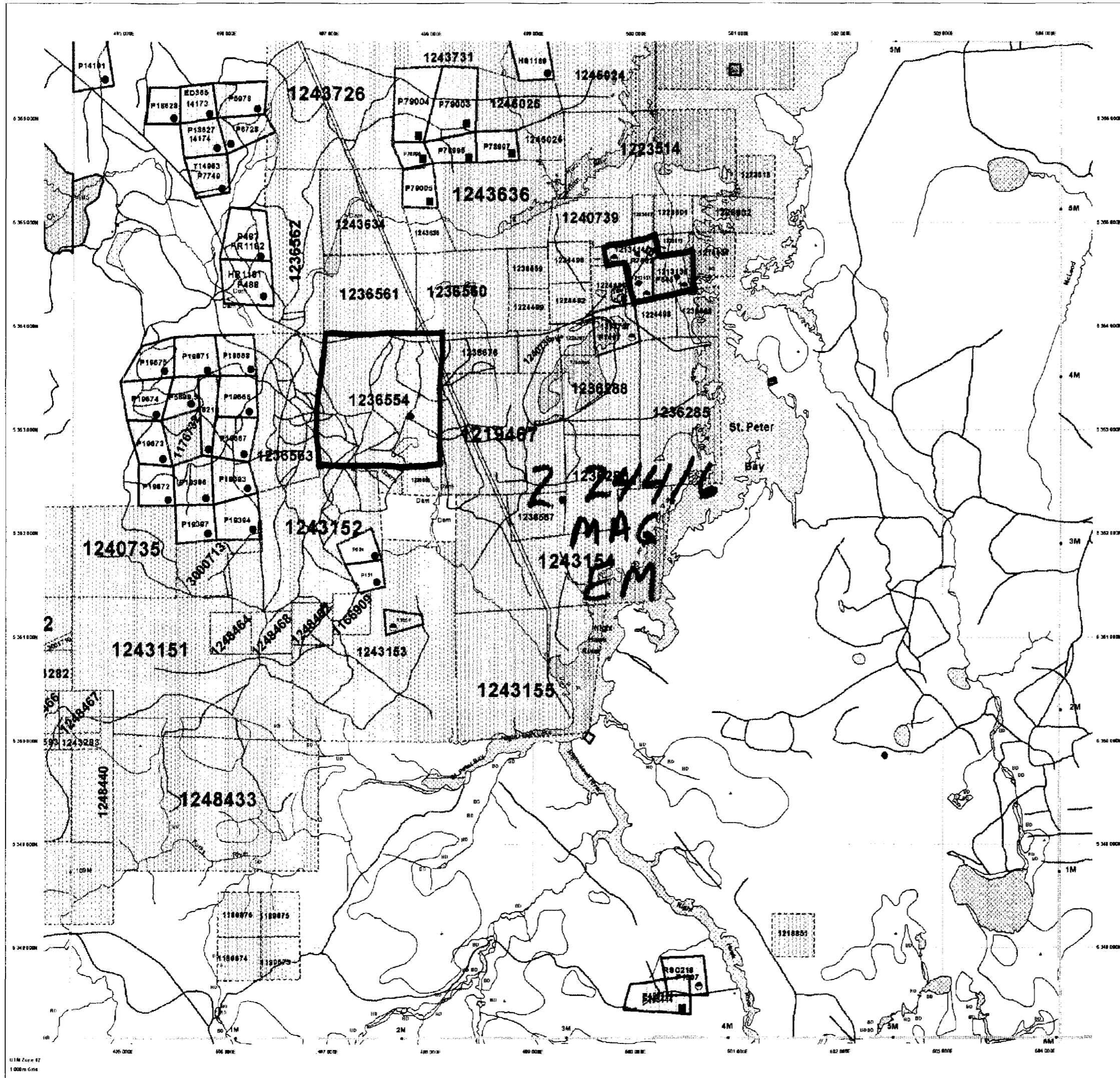


LAND TENURE WITHDRAWAL DESCRIPTIONS

Number	Issue Date	Description
388	Jan 1 2001	FLOODING RIGHTS ON RIGHT BANK LAKES TO THE CONTOUR ELEVATION 955 FEET RESERVED TO ONTARIO HYDRO
389	Jan 1 2001	APPLICATION FOR MINING UNDER P.L.A. SUBSIDIARY RIGHT WITHDRAWAL
392	Jan 1 2001	DUCKS UNLIMITED - PENDING APPLICATION UNDER THE PUBLIC LANDS ACT R.A.O. WITHDRAWAL

IMPORTANT NOTICES

From order with appeal/objection... (text partially obscured)



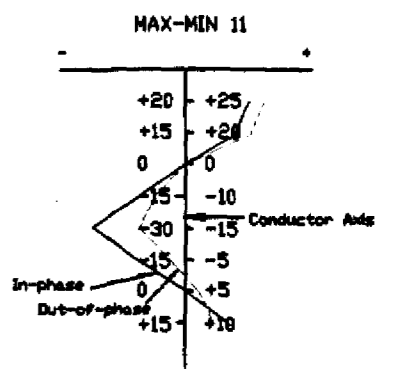
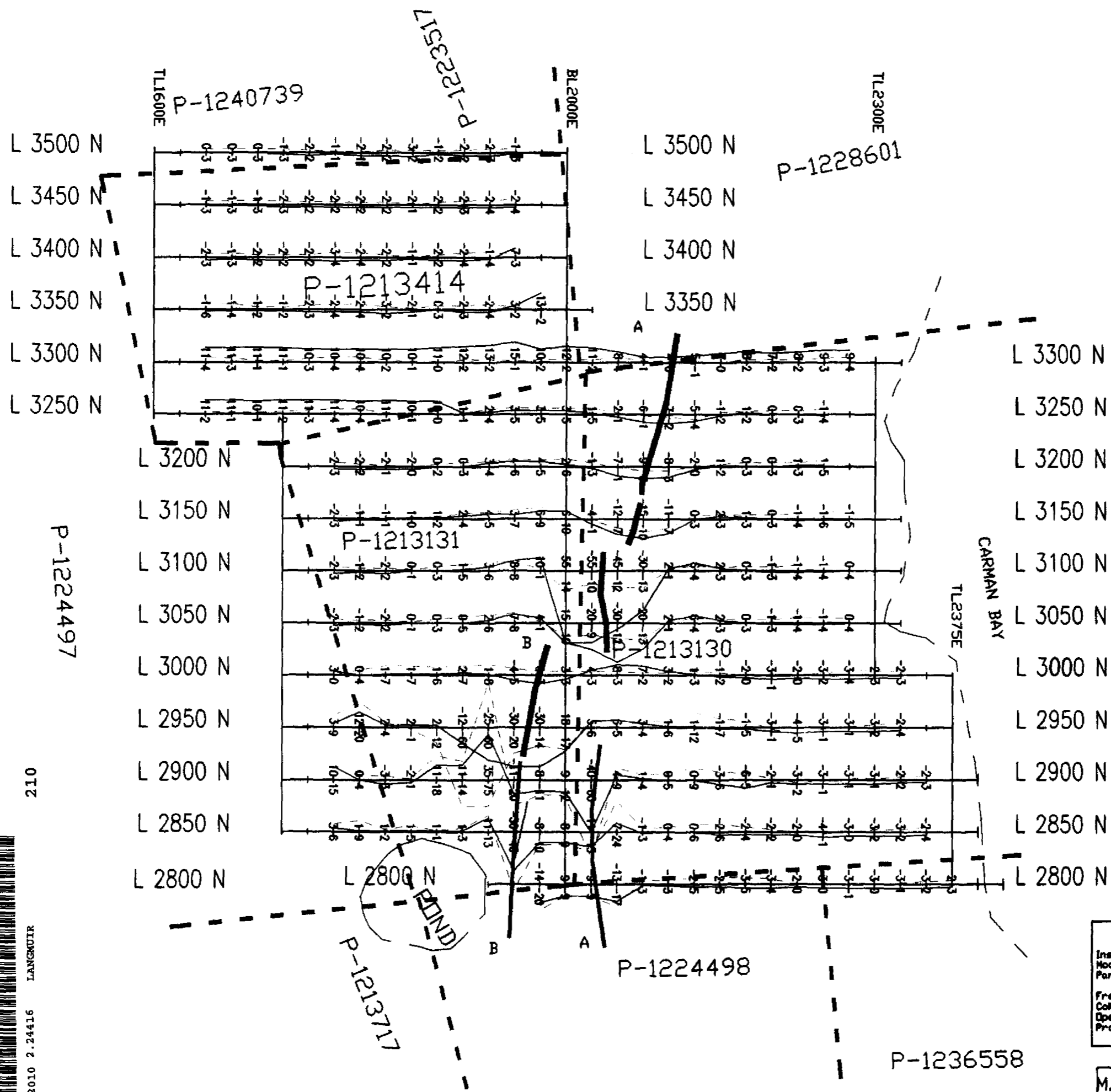
General Information and Limitations

Contact Information:
Provincial Mining Recorders' Office - 1st Floor
1000 University Ave. Suite 100
Oshawa, Ontario L1G 4C1
Tel: (905) 477-3005
Fax: (905) 477-1414
Toll-free: 1-800-387-3673
Web Page: www.gov.on.ca/MNDM/MSR/MSRHomePage.htm

This map is not a registered land (lease and interests in land) including certain... (text partially obscured)

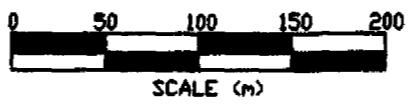
Those wishing to check mining claims should consult with the Provincial Mining Recorders' Office... (text partially obscured)

42A07SN2010 2.24416 LANGMUIR

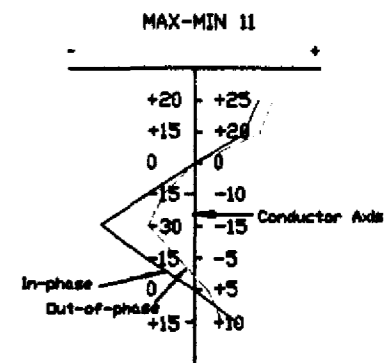
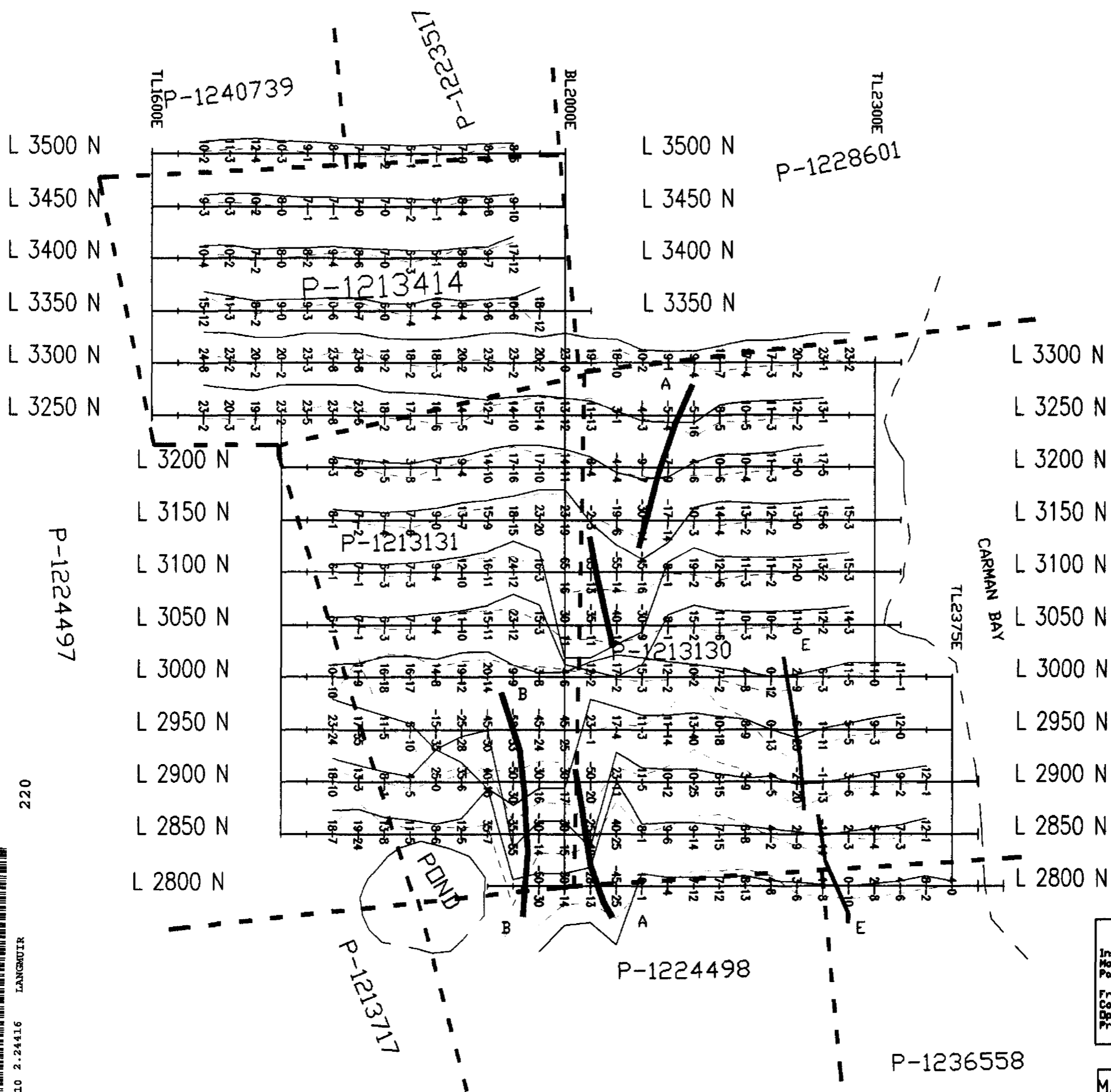


LEGEND
 Instrument: Apex Parametrics Max-Min II
 Mode: Maximum Coupled, Horizontal Loop Survey
 Parameters Measured: Inphase (%)
 Out of phase (%)
 Frequency: 444 HZ
 Coil Separation: 100 METERS
 Operator: M. CARON
 Profile Scale: 1cm +/- 40%

M. CARON EXPLORATION LTD
 CLIENT: SEA ENERGY CORP.
 PROPERTY: LANGOUIR MINE SITE
 TITLE: NORTH GRID
HLEM (444 HZ) SURVEY
 Date: Oct/08 Scale: 1:5000
 Drawn: J. Grant Meters: J. Grant Job No: Langouir

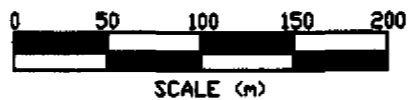


42A07SW2010 2.24416 LANGOUIR 210



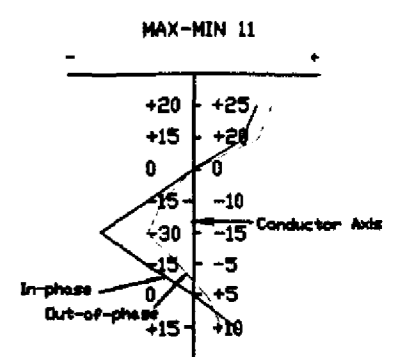
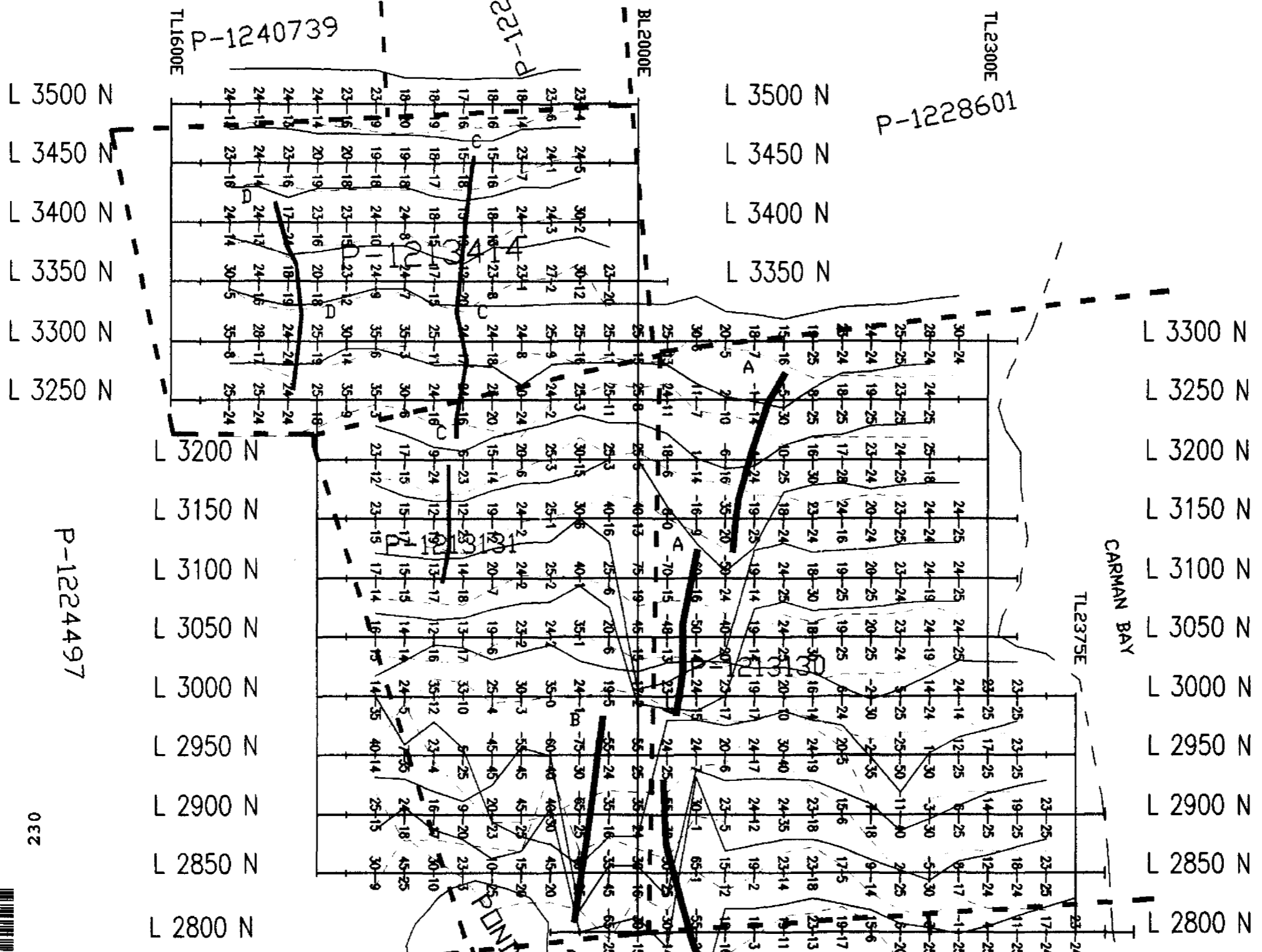
LEGEND
 Instrument: Apex Parametrics Max-Min 11
 Mode: Maximum Coupled, Horizontal Loop Survey
 Parameters Measured: In-phase (%)
 Out of phase (%)
 Frequency: 1777 HZ
 Coil Separation: 100 METERS
 Operator: M. CARON
 Profile Scale: 1cm \pm /-40%

M. CARON EXPLORATION LTD
 CLIENT: SEA EMERALD CORP.
 PROPERTY: LANGRUIR MINE SITE
 TITLE: NORTH GRID
HLEM (1777 HZ) SURVEY
 Date: Oct/08 Scale: 1:5000
 Drawn: J. Grant



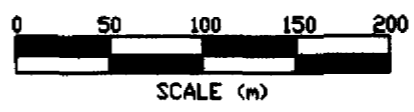
022

42A07SW2010 2.24416 LANGRUIR



LEGEND
 Instrument: Apex Parametrics Max-Min 11
 Mode: Maxium Coupled, Horizontal Loop Survey
 Parameters Measured: Inphase (X)
 Out of phase (O)
 Frequency: 3555 HZ
 Coil Separation: 100 METERS
 Operator: H. CARDIN
 Profile Scale: 1cm +/- 40%

M. CARON EXPLORATION LTD
 CLIENT: SEA EMERALD CORP.
 PROPERTY: LANGOUR MINE SITE
 TITLE: NORTH GRID
HLEM (3555HZ) SURVEY
 Date: Oct/08 Scale: 1:5000
 Drawn: C. Grant Interpreted: C. Grant Job No: 10000



P-1224497

032



LANGOUR 424075W2010 2.24416 915416 0102MSL0V022

P-1228601

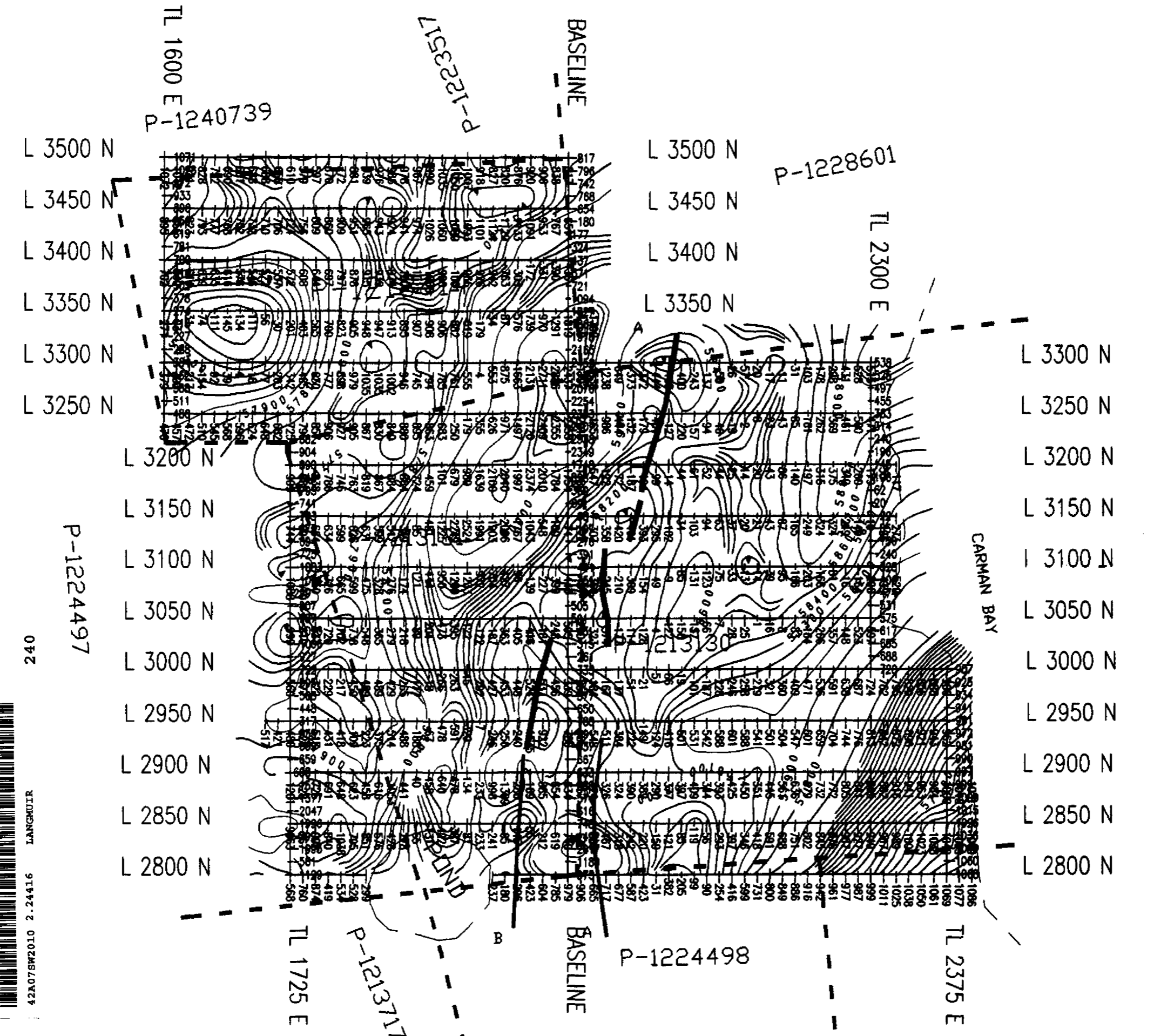
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P-1236558

P-1213717

P-1240739

N
24410

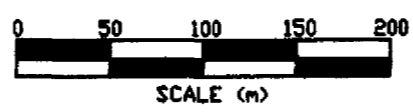


042

LANGUIR
42A078W2010 2.24416



LEGEND
 Instrument: SCINTREX ENVI MAG, BRGM DMNI-IV
 Parameters Measured: Earth's total magnetic field
 Accuracy: +/- 0.1 nano-teslas
 Diurnals: Corrected by base station recorder
 Contour Interval: 0,20,40,60,80,.....
 Reference Field: 56500 gammas
 Datum Subtracted: 57500 gammas



M. CARON EXPLORATION LTD
 CLIENT: SEA EMERALD CORP.
 PROPERTY: LANGUIR MINE SITE
 TITLE: NORTH GRID
 TOTAL FIELD MAGNETIC
 Date: Oct/08 Scale: 1:5000 Date:
 Drawn: J. Grant Plot: M. Grant

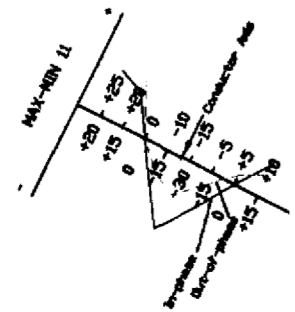
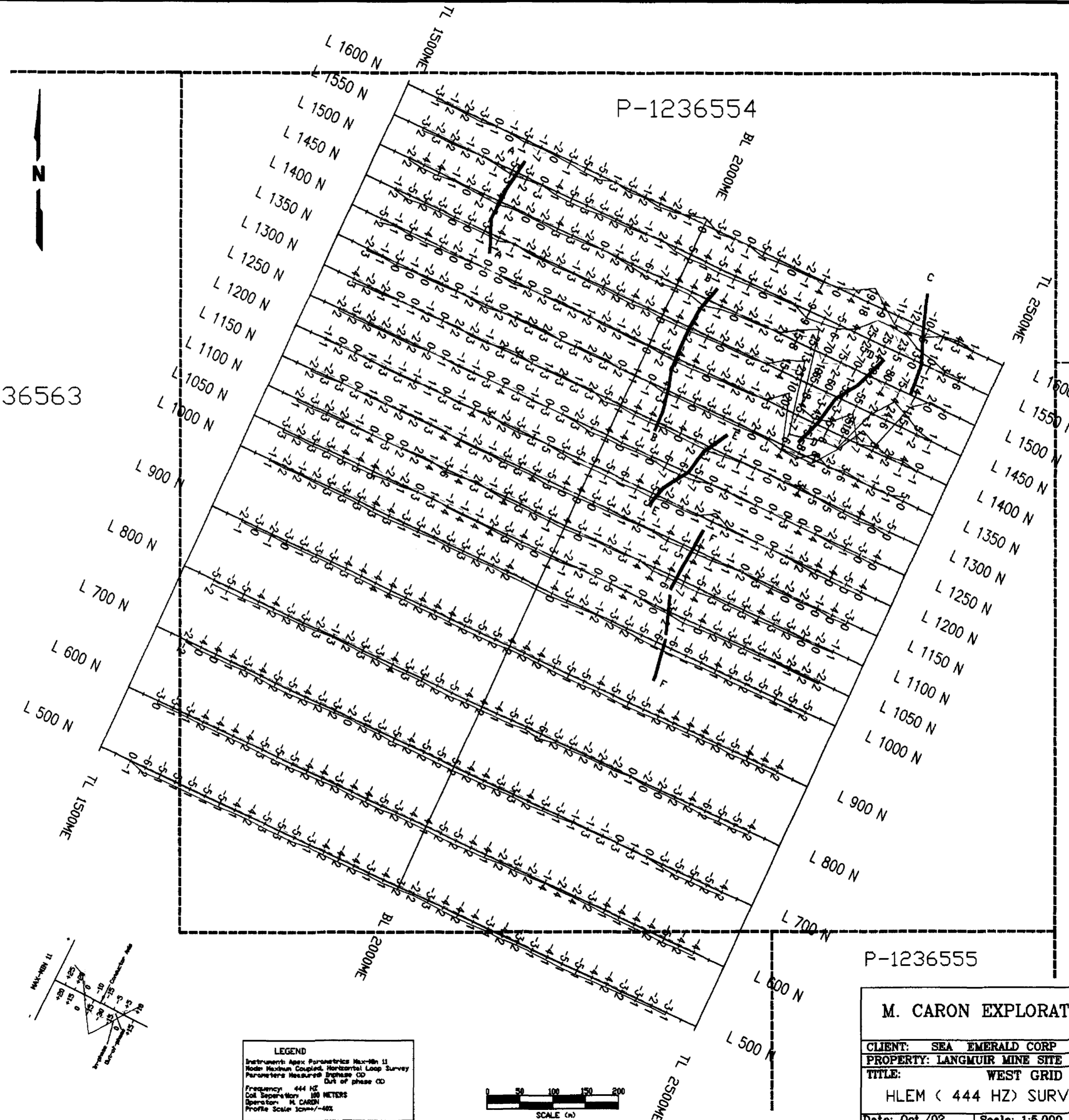
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P-1219467

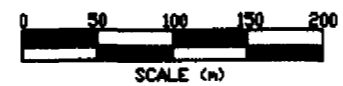
P-1236555

P-1236554

P-1236563



LEGEND
 Instrument: Apex Parasitics Mar-56n II
 Mode: Maximum Coupled, Horizontal Loop Survey
 Parameters Measured: Inphase (O) Out of phase (D)
 Frequency: 444 HZ
 Coil Separation: 100 METERS
 Operator: M. CARON
 Profile Scale: 1cm=1/400



M. CARON EXPLORATION LTD.		
CLIENT:	SEA EMERALD CORP	
PROPERTY:	LANGMUIR MINE SITE	
TITLE:	WEST GRID	
	HLEM (444 HZ) SURVEY	
Date:	Oct./02	Scale: 1:5,000
Drawn:	J.C. Grant	NTS: Job No.: langm
	Interp:	J.C. Grant



42A07SW2010 2.24416 LANGMUIR 250

P-1236676

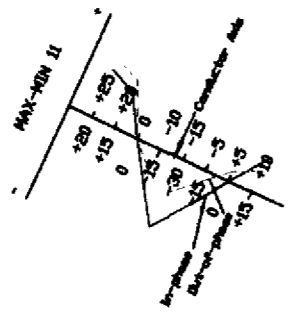
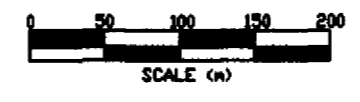
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P-1236563

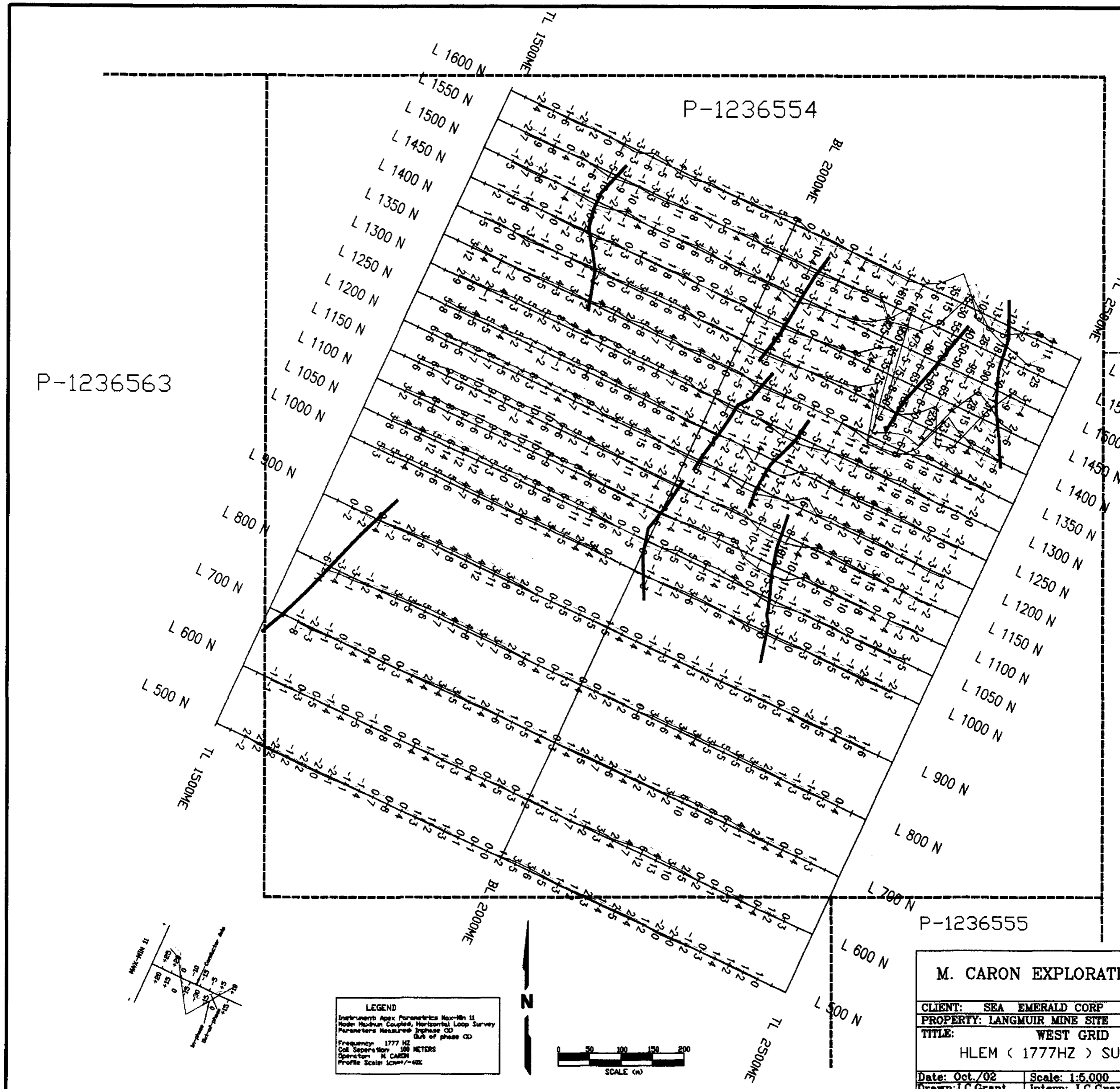
P-1236555

M. CARON EXPLORATION LTD.		
CLIENT: SEA EMERALD CORP		
PROPERTY: LANGMUIR MINE SITE		
TITLE: WEST GRID		
HLEM (1777HZ) SURVEY		
Date: Oct./02	Scale: 1:5,000	NTS:
Drawn: J.C. Grant	Interp: J.C. Grant	Job No: langm

LEGEND
 Instrument: Apex Parametrics Max-Min II
 Model: Max-Min Coupled, Horizontal Loop Survey
 Parameters Measured: Inphase CD
 Frequency: 1777 HZ
 Coil Separation: 100 METERS
 Operator: M. CARON
 Profile Scale: 1cm=1/-400



42A07SW2010 2.24416 LANGMUIR 260



P-1236676

P-1219467

P-1236563

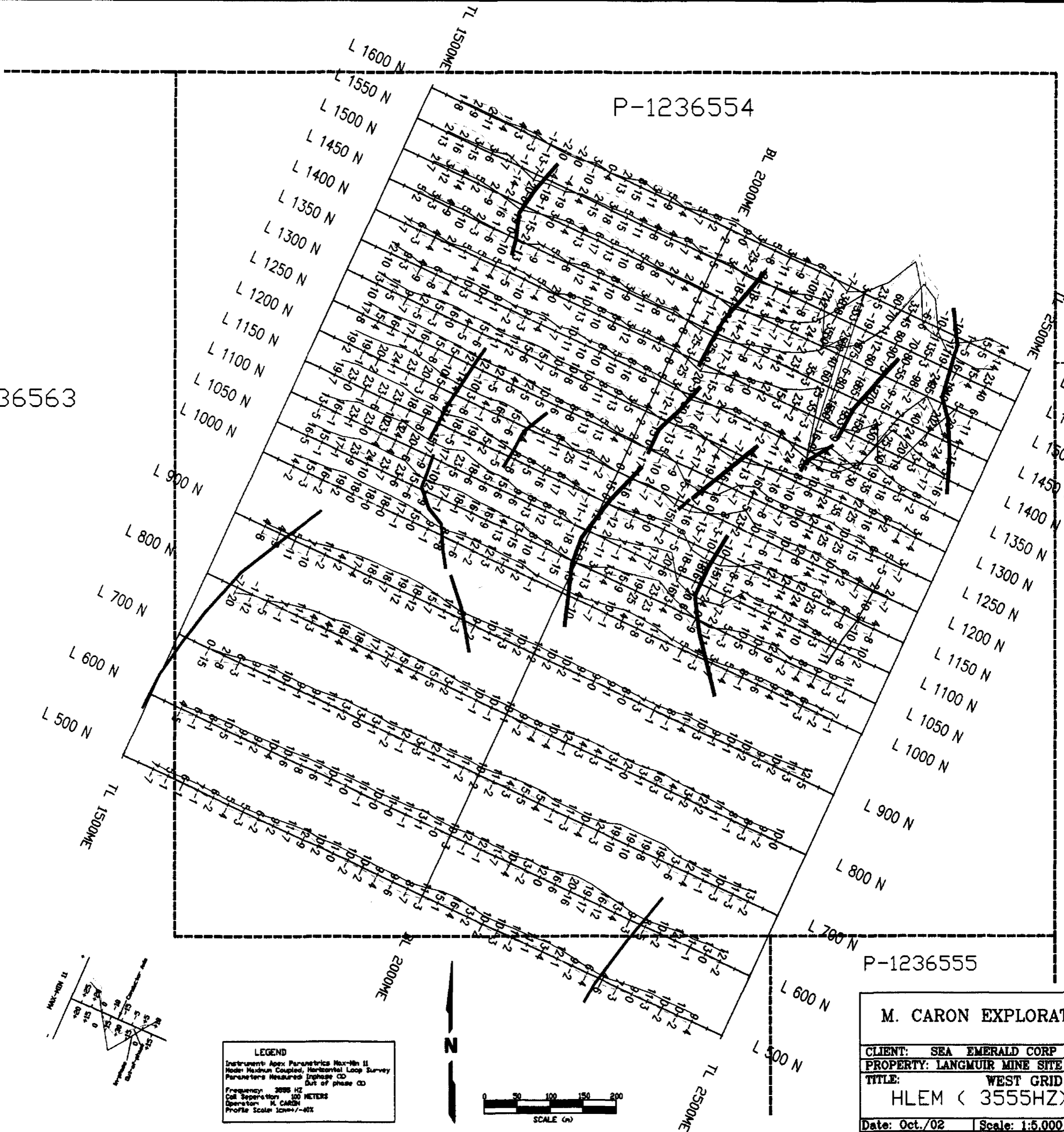
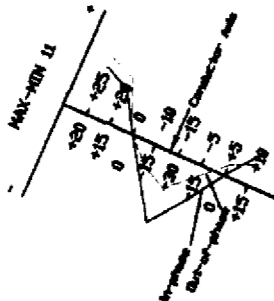
P-1236555

M. CARON EXPLORATION LTD.

CLIENT: SEA EMERALD CORP
 PROPERTY: LANGMUIR MINE SITE
 TITLE: WEST GRID
 HLEM (3555HZ) SURVEY

Date: Oct./02 Scale: 1:5,000 NTS:
 Drawn: J.C. Grant Intern: J.C. Grant Job No.: langm

LEGEND
 Instrument: Apex Parametrics Max-Min II
 Model: Madnum Coupled, Horizontal Loop Survey
 Parameters Measured: Inphase CD Out of phase CD
 Frequency: 3555 HZ
 Coil Separation: 100 METERS
 Operator: M. CARON
 Profile Scale: 1cm=1/-40%



P-1236676

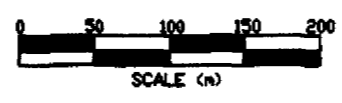
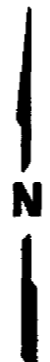
P-1219467

P-1236554

P-1236563

P-1236555

LEGEND
 Instrument: SCINTREX ENVI MAG, BRGM DMNI-IV
 Parameters Measured: Earth's total magnetic field
 Accuracy: +/- 0.1 nano-teslas
 Diurnals: Corrected by base station recorder
 Contour Interval: 0,20,40,60,80,100.....
 Reference Field: 58,000 gammas
 Datum Subtracted: 57,500 gammas



M. CARON EXPLORATION LTD.		
CLIENT:	SEA EMERALD CORP	
PROPERTY:	LANGMUIR MINE SITE	
TITLE:	WEST GRID	
TOTAL FIELD MAGNETIC SURVEY		
Date: Oct./02	Scale: 1:5,000	NTS:
Drawn: J.C. Grant	Interp: J.C. Grant	Job No.: langw

