Report on the 2011 Detailed Ground Geophysical Program
Sky Lake Property, Pickle Lake, Ontario

Patricia Mining Division, Ontario

51° 14’ N, 90° 39’ W

NTS 52O07SE, 52O02NE, 52O02NW

FOR

TRI ORIGIN EXPLORATION LTD.

125 Don Hillock Dr., Unit 18
Aurora, Ontario
L4G 0H8

Frank Kendle, BSc.
May 22, 2012

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1.0 INTRODUCTION AND PROPERTY DESCRIPTION

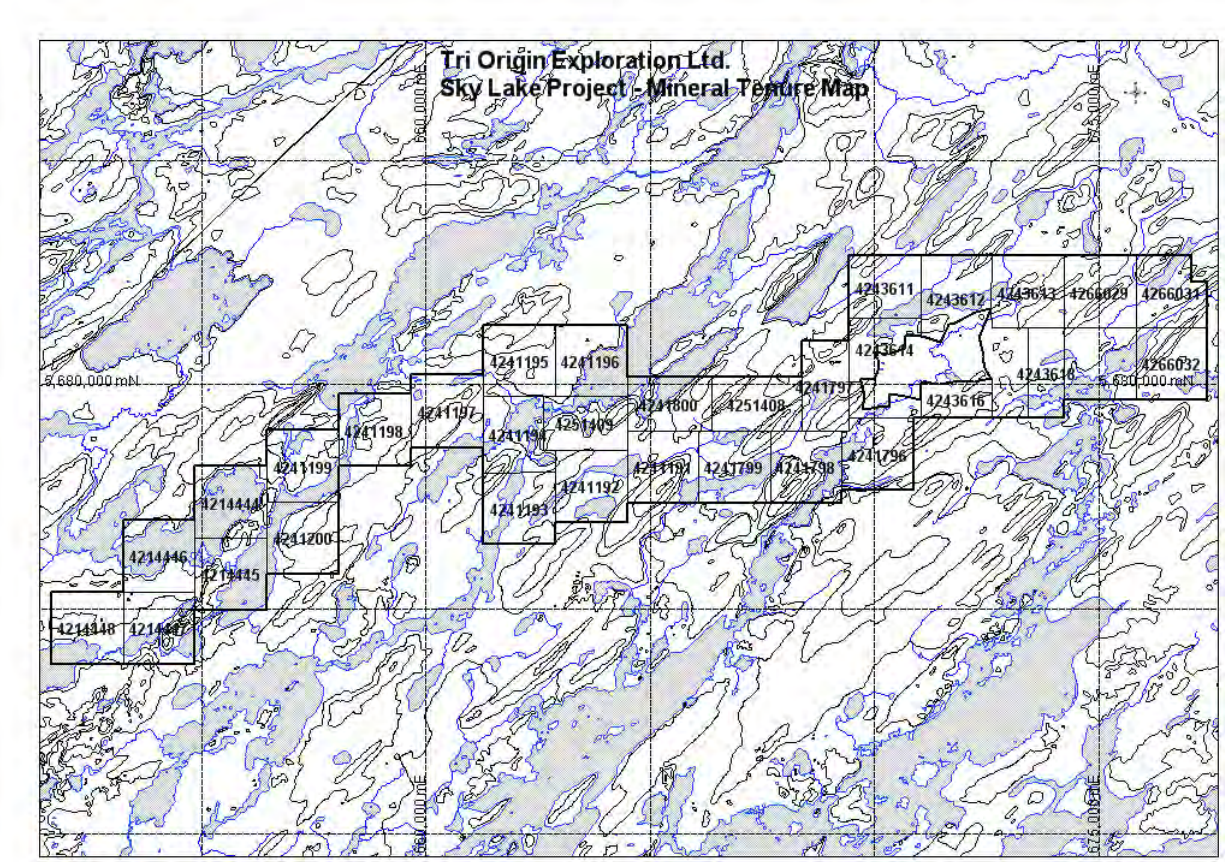
In October of 2011 a detailed ground geophysical program was completed by Exsics Exploration Limited for Tri Origin Exploration Ltd. across Tri Origin's Sky Lake Gold Property. The program consisted of line cutting a detailed grid and completing a Total Field Magnetic survey in conjunction with an Induced Polarization (IP) survey. The surveys were completed over six claims (4251408, 4241796, 4241797, 4241798, 4243614 and 4243615). Claim 4251408 is optioned from Manicouagan Minerals Inc. and claims 424614 and 424615 are optioned from Kitrinor Metals Inc. The Exsics Exploration Limited logistics report is attached as Appendix A.

The Sky Lake property lies within the four mapping districts of Duffell Lake, Caley Lake, Matapesatakun Bay Area and Little Ochig Lake in the Patricia Mining Division in northern Ontario. The property is located approximately 25 kilometres southwest of the town of Pickle Lake within the Pickle Lake greenstone belt (Figure 1).

All of the Sky Lake property claims are in one contiguous block with 24 owned 100% by Tri Origin, 8 claims under an option agreement with Kitrinor Metals Inc. and 2 claims held under option agreement with Manicouagan Minerals. The claims cover a prospective area of over 79 square kilometres (7905 hectares) (Figure 2). The claims are listed in Appendix B.

FIGURE 1: Property Location

FIGURE 2: Mineral Tenure Map



2.0 REGIONAL GEOLOGY

2.1 Physiography and Vegetation

Drainage of the property area is southward via Matapesatakun Creek from Bancroft Lake to Lake St. Joseph, 1,227ft. (374 m) above sea level. Maximum relief is in the order of 115ft. (35m) with the highest elevations on southwest trending drumlins in the southwestern portions of the property. Most of the area is overburden covered with low swamps and boulder tills which probably average less than 20 feet in thickness. Outcrop is more common in the central portion of the property.

2.2 Regional Geology and Economic Mineralization (Jolliffe, 1996)

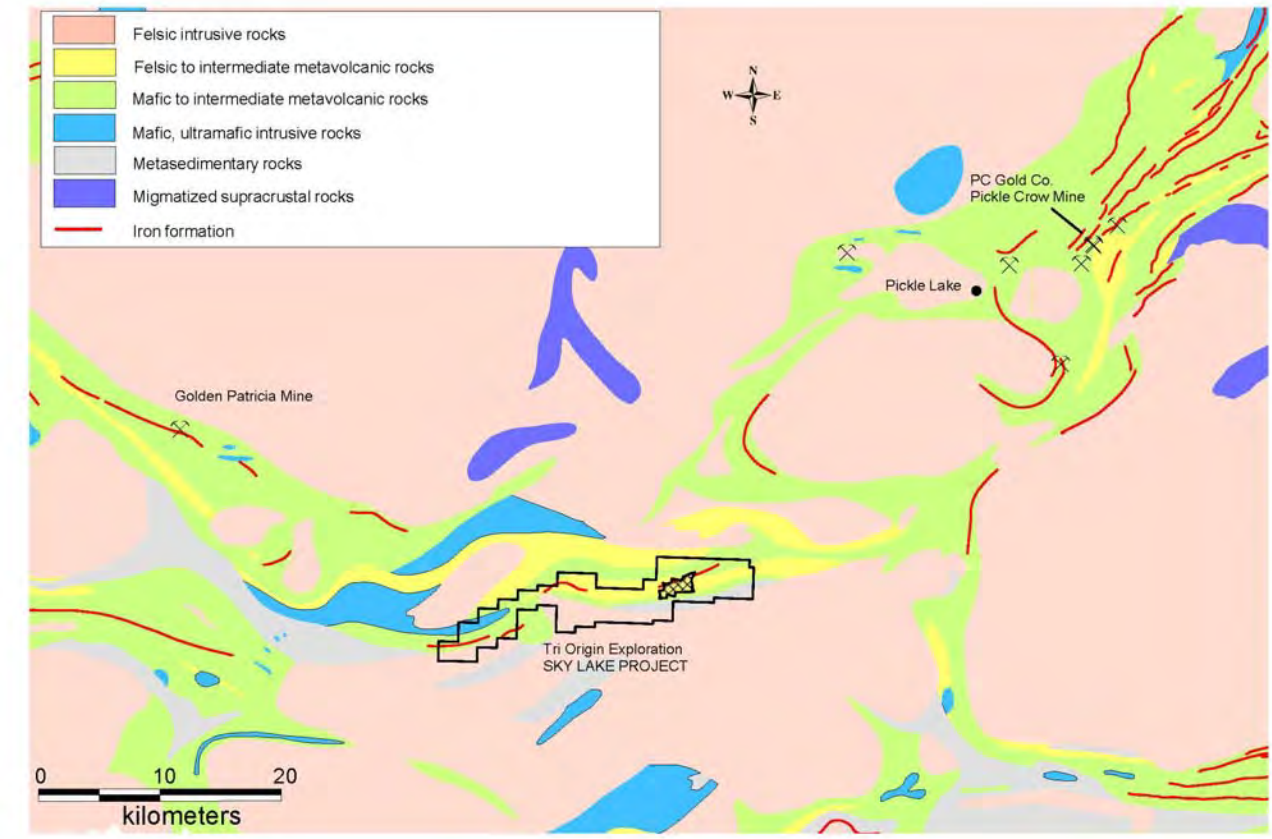
The property is located within the Uchi Subprovince, a part of the Superior Province in the Canadian Shield. The area is characterized by several arcuate, highly deformed and coalescing greenstone belts, consisting of predominantly mafic to intermediate volcanic flows, which have been intruded by numerous granitic to ultramafic intrusive bodies. The metamorphic grade ranges from greenschist to amphibolite facies. The volcanics host subordinate amounts of felsic to mafic pyroclastics, sediments and iron formation. Felsic quartz-feldspar porphyry dykes are commonly found in all lithologies (Figure 3).

Historically, gold production in the Pickle Lake area has been from structurally controlled vein type deposits or sulphide replacement bodies spatially associated with, or contained within, bands of Algoman (chert-magnetite) iron formation. The most important of these were the former producing Pickle Crow and Central Patricia mines (operated from 1935 to 1966 and 1934 to 1951, respectively) which collectively producing 2,068,020 ounces of gold from 4,966,820 tons of ore for an average grade of 0.416 ounces of gold per ton.

The Golden Patricia Mine of Barrick Gold Inc. (approx. 70,000 ounces gold per year) is located about 25 miles west-northwest of the property. The gold mineralization occurs in a quartz vein in a shear zone which cuts through a mafic metavolcanic succession.

Ultramafic rocks host copper-nickel mineralization at the former producing Thierry Mine, seven miles northwest of Pickle Lake, with mined ore and mineral reserves totaling 14,000,000 tons grading 1.6 % copper and 0.2% nickel.

FIGURE 3: Regional Geology



3.0 PROPERTY GEOLOGY

The central portion of the property in proximity to the Koval claims is the area of most abundant outcrop. The area is underlain by a west-southwest trending, vertical to steeply south-dipping assemblage of metavolcanic and metasediments with minor intrusive rocks. The northern 1/3 is dominated by mafic volcanics, mainly massive flows with some pillowed flows and tuffs, along with minor chemical sediments (oxide facies iron formation) and felsic volcanics. A diabase intrusive in the north-central area has been roughly outlined by limited outcrop exposure and previous magnetometer survey. Feldspar porphyry dykes and sills outcrop locally and granitic intrusives have been intersected in drilling. South of the thick northern mafic volcanic unit are

intermittently exposed fine clastic metasediments (mainly argillite, siltstone) and felsic volcanics. The central area is underlain by the 'Central Intermediate-Mafic Volcanic1 (CIMV) assemblage comprising intermediate volcaniclastic rocks), enclosed by mafic volcanics to the north (massive flows and tuffs) and south (massive and pillowed flows with pillow breccia) as well as minor intercalated fine clastic metasediments and felsic volcanics. The intermediate volcanic rocks and the iron formation host several historical significant gold zones on the property. On surface the intermediate volcanics hosting the gold zones are characterized by a biotite-calcite matrix and a scalloped weathering pattern. Primary textures are unclear but possible lapilli have been noted locally.

4.0 PREVIOUS WORK

Previous work completed on the claims optioned from Manicouagan Minerals Inc. involved limited geological mapping which returned grab samples containing 1.03g/t Au in an iron formation and 1.37g/t Au in silicified mafic metavocanics (MDI52O02NE00005) on Claim group 4251408. Several short diamond drill holes as indicated by Ontario assessment files were also completed on the claim groups. Four diamond drill holes were completed on claim group 4251409 highlighted by an intersection of 1.4g/t Au in magnetic ironstone (MDI52O02NE00007) by Bond Gold in 1990.

Previous work on the remainder of the Sky Lake Property involved numerous phases of exploration activity as described below.

The first recorded discovery of gold in the Dempster-Pickle Lake belt was made in 1954 by prospector Ben Ohman near Bancroft Lake (Scratch, 1984) on the property now held by Norcanex Ltd.

During 1953-54 the property was optioned to Hasaga Gold Mines Ltd., who performed geological mapping, trenching and diamond drilling. The diamond drill program consisted of 87 drill holes

combining to a total length of 6365.8 m. The drill program outlined numerous interesting gold intersections.

In 1960, 28 claims were surveyed and patented over the deposit. They are referred to as the Koval claims and were held by Lac Minerals and have since passed to Barrick Gold Corporation. Lac completed line cutting, geological mapping and magnetic and IP geophysical surveys. In 1996, Moss Resources drilled a total of 808.3m in eight BQ diamond drill holes.

During 1969, Newconex Canadian Exploration conducted ground electromagnetic and geological surveys on their "Ed" claim block at the western end of Tri Origin's present-day claim block. They delineated zones of pyrite.

Other companies have carried out exploration work on the ground immediately adjacent to the Koval claims on the east side:

- Union Minerie Exploration and Mining Corporation Ltd. conducted extensive airborne and ground geophysical surveys and 4465 m of diamond drilling in 1971-1972. One of these holes was collared on the Norcanex property, but all the rest of the work was done to the north and east of the claims which are the subject of the present report. There is no record of any samples having been assayed from that hole.

- In 1983-84 Moss Resources Ltd. conducted geological mapping and magnetic, VLF-EM and IP geophysical surveys as well as rock and humus geochemistry. This was followed by a 20 hole, 1522.78 m diamond drill program.

- From July 1 – August 22, 1984 Golden Maverick Resources conducted reconnaissance geological mapping and rock and humus geochemistry. A total of 53 rock samples and 572 humus samples were collected and analyzed for Au, Ag, As, Sb, Mo and Ba. They also carried out limited diamond drilling between 1984 and 1988.

- In September 1988 Bond Gold mapped the area they referred to as the Caley Lake claim block, to the west of the patented Koval claims, and drilled three holes in October of that year. No assay results were reported.

- In November and December of 2009 Tri Origin Exploration contracted Aeroquest to complete 1303.38 line-km of helicopter time domain electromagnetic and magnetics on the Sky Lake property.

- In July 2010 Tri Origin Exploration Ltd. completed a mineral soil and humus survey over sections of the claim group which were determined by interpreting the VTEM data from the Aeroquest survey flown in 2009.

- In the summer of 2011 Tri Origin Exploration Ltd. completed a mineral soil and humus sample survey on two claims optioned from Manicouagan Minerals Inc. A total of 109 humus and 292 mineral samples were collected. Tri Origin also staked additional contiguous claims to the east of the property.

5.0 2011 DETAILED GROUND GEOPHYSICAL SURVEYS

5.1 Line Cutting

Tri Origin Exploration retained Havenman Brothers of Kakabeka Falls to complete the line cutting of the metric grid for the geophysical survey on the property.

From the start point at UTM co-ordinate 5679100MN /669500ME a baseline was established 1300 metres to the east and 1100 metres to the west. The grid was then set from the baseline as east west lines spaced 100 metres apart. A river intersected the baseline at 1100 metres west of the start

point which required a second tie line, established parallel to the base line from UTM 5678900MN/668400ME to 5678900MN/667900ME.

The base line, tie lines and cut lines were chained at 25 metre stations that were metal tagged. A total of 45.2 kilometres of grid lines were set across the targeted claims (Figure 4).

5.2 DETAILED TOTAL FIELD MAGNETIC SURVEY

The magnetic survey was carried out by Exsics Exploration between October 17th and October 26th 2011, using a Scintrex Envi Mag system for both the field units and for the magnetic base station recorder. The survey was completed on the cut grid from line 670600ME to 668600ME (Figure 5).

The Total Field Magnetic constant survey parametres were as follows:

Line spacing	100 metres
Station spacing	25 metres
Reading Interval	12.5 metres
Diurnal Monitoring	base station recorder
Record interval	30 seconds
Reference field	58,000nT
Datum subtracted	57,500 nT
Unit accuracy	+/- 0.1 nT
Parameters measured	Systematic measurements of the earth's total field in (nT)

Details of the survey are found in Exsics Exploration Limited report (Appendix A). A plot of the magnetic survey and IP anomalies at 25nT contours is included in Appendix C.

5.3 INDUCED POLARIZATION (IP) SURVEY

The IP survey was carried out following the completion of the Total Field Magnetic Survey by Exsics Exploration between October 18th and November 6th 2011. The survey was completed on the grid lines 668600ME to 669200ME and lines 669400ME to 669700ME, lines 670000ME, 670200ME and 670400ME to 670600ME (Figure 6).

The Induced Polarization constant survey parametres were as follows:

Line spacing	100 metres
Station spacing	25 metres
Reading Interval	25 metres
IP method	Time domain
IP array	Pole-dipole
IP mode	Arithmetic
Delay time	240 ms
Transmitter time	2 seconds on, 2 seconds off
Number of electrodes & spacing	6 stainless steel - 25 metres
Parameters measured	Apparent resistivity in ohms/metre and chargeability in Millivolts/volt

Details of the survey are found in Exsics Exploration Limited report (Appendix A). Results of the IP survey were presented in 16 pseudo section plots showing coloured contoured results for chargeability, resistivity and calculated metals factor. Sections were also plotted as logarithmic contours (Appendix C).

6.0 DETAILED GROUND GEOPHYSICAL SURVEY RESULTS

The 2011 detailed ground geophysical program was conducted on six of the Sky Lake Property claims. Upon completion of the surveys, Tri Origin geologists interpreted the magnetic and IP anomaly plot and the individual line pseudo sections that accompanied the Exsics Exploration Limited Logistics report (Appendix A). It was determined that the magnetic and IP surveys were successful in identifying numerous interesting anomalous targets. These targets warrant further investigation.

7.0 RECOMMENDATIONS AND CONCLUSIONS

The geophysical surveys completed on the six claims highlight several interesting anomalies. It is recommended that more detailed geological mapping and additional geochemical sampling be performed on targets generated by the geophysical surveys. In addition, the targets should be tested by follow-up diamond drilling.

8.0 PERSONNEL

Tri Origin Exploration

Robert Valliant	President Tri Origin Exploration Project Supervisor	Uxbridge, Ontario
Frank Kendle	Senior Geologist Tri Origin Exploration	Queensville, Ontario

Exsics Exploration Limited

J.C. Grant	Project Supervisor	Timmins, Ontario
J. Francacur	Field Crew Magnetic Survey	Timmins, Ontario
M. Cayen	Field Crew Magnetic Survey Induced Polarization Survey	Timmins, Ontario
D.J. Gibson	Field Crew Induced Polarization Survey	Timmins, Ontario
S. Chartrand	Field Crew Induced Polarization Survey	Timmins, Ontario
D. Belair	Field Crew Induced Polarization Survey	Timmins, Ontario
J. Hamlin	Field Crew Induced Polarization Survey	Timmins, Ontario

9.0 STATEMENT OF QUALIFICATIONS

I, **Frank Kendle,** of 20648 Leslie St., Queensville, Ontario, L0G 1R0, do hereby certify that:

1. I am a consulting geologist.
2. I graduated with a Bachelor of Science (Geology), from Mount Allison University, in 1988.
3. I have worked as a geologist for a total of 23 years since my graduation from university.
4. I am responsible for the technical report titled "Report on the 2011 Detailed Ground Geophysical Program Sky Lake Property, Pickle Lake, Ontario"
5. My knowledge of the property as described herein was obtained by fieldwork.
6. I have no direct interest, nor do I expect to receive any interest in the mining claims that comprise the Sky Lake Property within the townships of Duffell Lake, Caley Lake and Matapesatakun Bay in the Patricia Mining division.
7. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
8. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Dated this 22nd day of May, 2012.

FRANK KENDLE

10.0 REFERENCES

Jolliffe, T.S. 1996. Report on Diamond Drilling, Koval Property, Patricia Mining Division, Northwestern Ontario for Moss Resources, Inc. 90pp. AFRI 52O02NE001.

Scratch, R, 1984. Report on Reconnaissance Geologic Mapping and Humus Sampling of the Golden Maverick Resources Corporation – Bancroft Lake Project currently under option to Kennco Explorations (Canada) Ltd. 87pp. AFRI 52O08SW0019.

FIGURES

Figure 4

667,000 mE

670,000 mE

673,000 mE

5,682,000 mN

5,679,000 mN

4243611

4243612

4243613

4243614

4243615

4243616

4243617

4243618

4241797

4241796

4241798

4241799

4251408

Legend

Grid Lines

TRI ORIGIN EXPLORATION

Sky Lake
Location
2011 Cut Lines

Date: 5/30/2012

Author: Tri Origin

Office: Aurora

Drawing: Laura Scaife

Scale: 1:20000

Projection: UTM Zone 15 (NAD 83)

0 250 500 1,000

metres

Figure 5

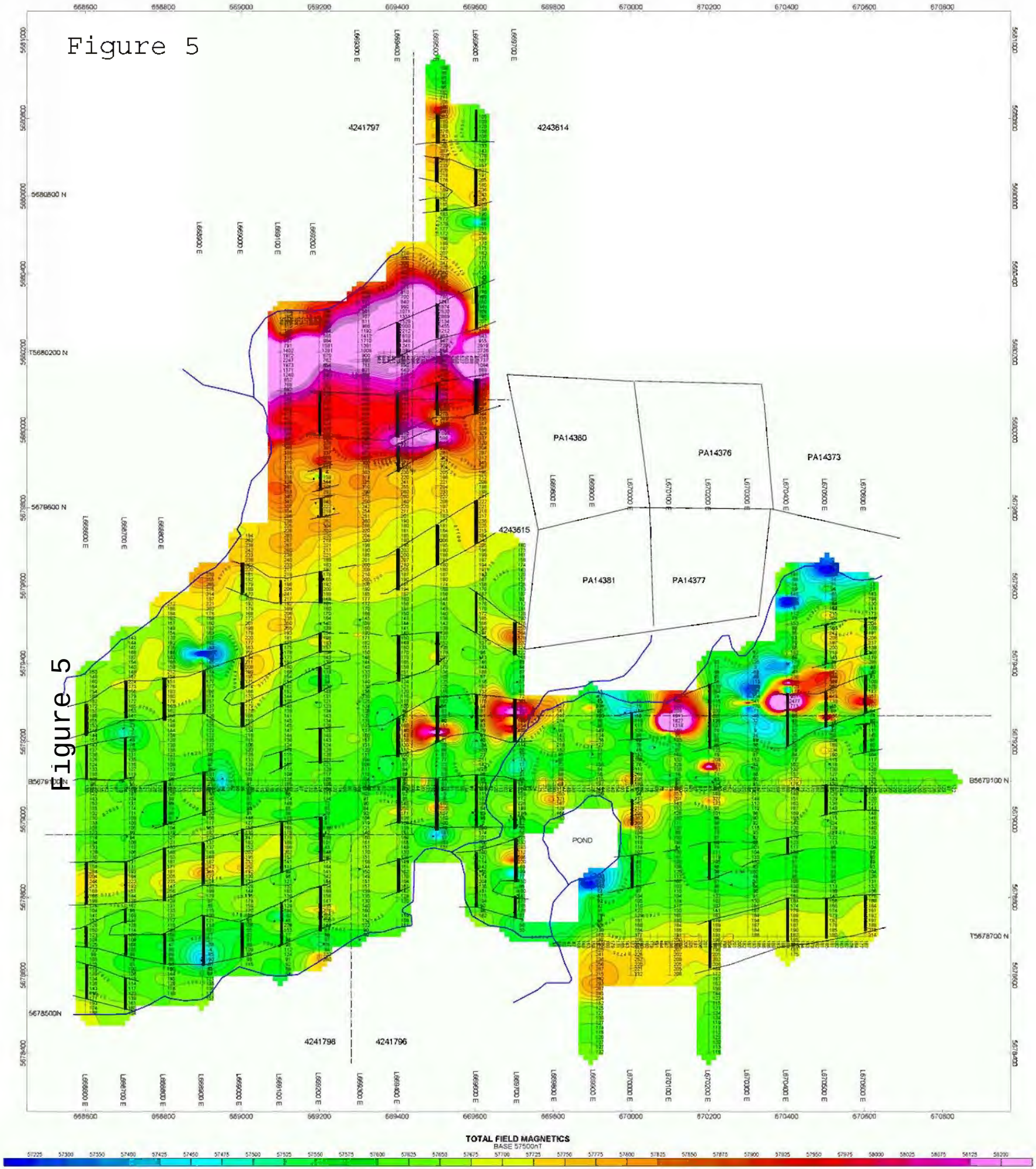
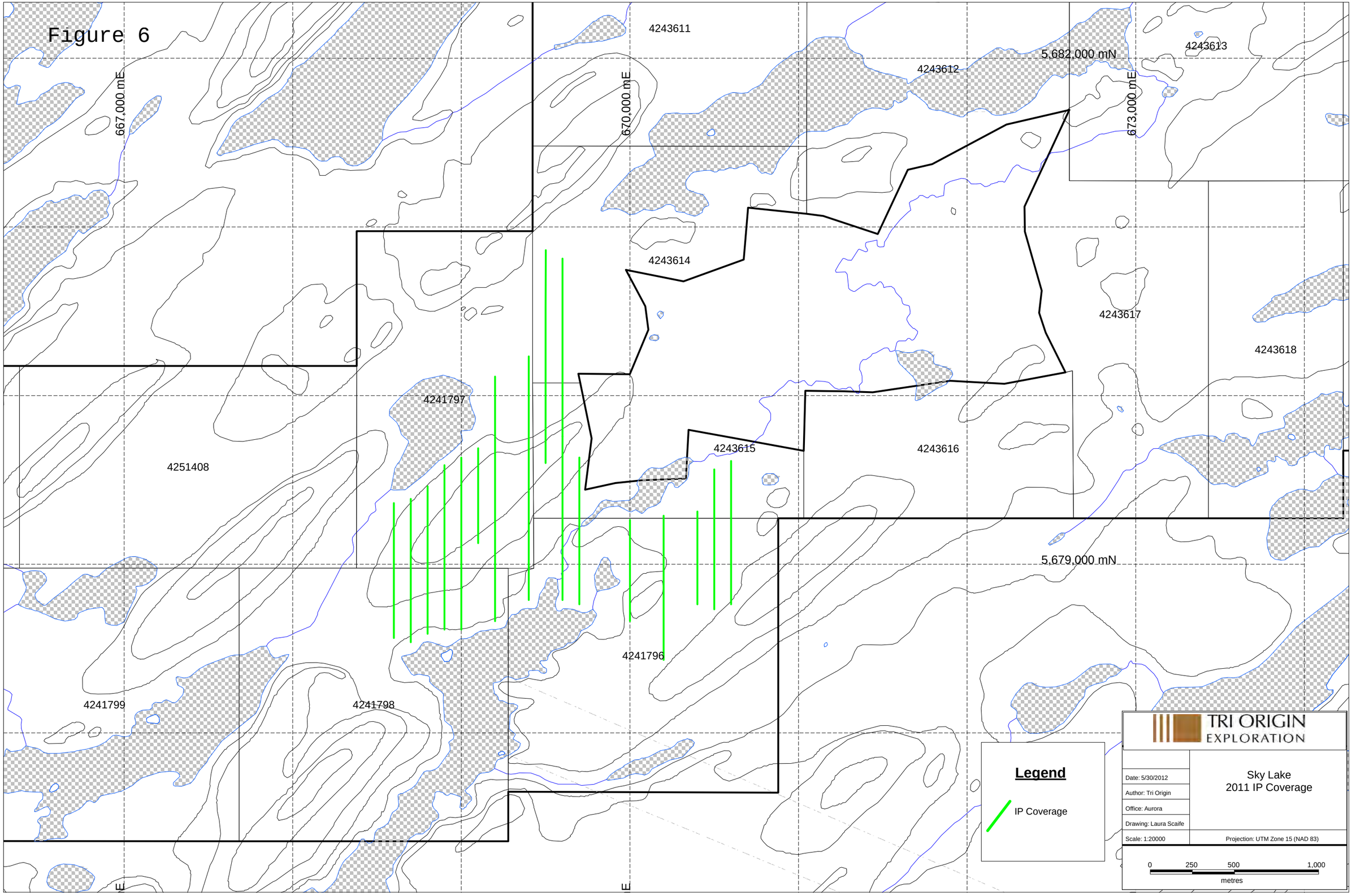


Figure 5

Scale 1:5000

TRI ORIGIN EXPLORATION LTD.
SKY LAKE PROJECT
MATAPESATAKUN BAY AREA-G-2117-PATRICIA MINING DIVISION
TOTAL FIELD MAGNETIC SURVEY/ IP ANOMALIES SCINTREX ENVI PRO SYSTEM CONTOURED: 25nT
NOV. 2011 EXSICS EXPLORATION LIMITED E-786

Figure 6


667,000 mE
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673,000 mE
5,682,000 mN
5,679,000 mN
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4243616
4243617
4243618
4241797
4241796
4241799
4241798
4251408
Legend
IP Coverage
TRI ORIGIN EXPLORATION
Date: 5/30/2012
Author: Tri Origin
Office: Aurora
Drawing: Laura Scaife
Scale: 1:20000
Sky Lake
2011 IP Coverage
Projection: UTM Zone 15 (NAD 83)
0
250
500
1,000
metres

APPENDIX A

EXSICS EXPLORATION LIMITED

LOGISTICAL REPORT
FOR
TRI ORIGIN EXPLORATION LTD.
ON THE
SKY LAKE PROJECT
MATAPESATAKUN BAY AREA AND CALEY LAKE AREA
PATRICIA MINING DIVISION
NORTHWESTERN, ONTARIO

LOGISTICAL REPORT
FOR
TRI ORIGIN EXPLORATION LTD.
ON THE
SKY LAKE PROJECT
MATAPESATAKUN BAY AREA AND CALEY LAKE ARE
PATRICIA MINING DIVISION
NORTHWESTERN, ONTARIO

Prepared by: John C. Grant, CET, FGAC
March 2012

ABSTARCT

The Sky Lake Gold Property covers about 23 kilometers of an extensive and well mineralized belt of volcanic and sedimentary rocks that lie between the historic past producing Pickle Lake Gold District, (2 million ounce), to the northeast and the Golden Patricia gold mine to the west.

Gold occurrences related to sulphide-rich iron formations and altered pyrite felsic volcanic rocks were identified in these rocks in the 1950's with early stage evaluations of these occurrences being carried out up to the 1980's. However, early exploration for extensions and or repetitions of these type of occurrences was hampered by heavy overburden cover. Tri Origin intent was to use modern exploration methods and equipment to see through this overburden layering and extend the know trends as well as to define new prospective gold targets.

INTRODUCTION:

The services of Exsics Exploration Limited were retained by Mr. Frank Kendle, on behalf of the Company, Tri Origin Exploration Ltd., to complete a detailed ground geophysical program across their claim holdings, the Sky Lake Gold Property, located in the central north portion of the Matapesatakun Lake Area and the south section of the Caley Lake Area in the Patricia Mining Division of Northwestern Ontario.

The program consisted of a detailed, total field magnetic survey that was done in conjunction with an IP survey. These survey methods are excellent mapping tools to define the geological characteristics of the property as well as to define potential gold bearing horizons within the sulphide minearlization.

This report will deal with the logistics of the ground program.

PERSONNEL:

The field crew directly responsible for the collection of the raw Magnetic data were as follows.

J. Francoeur	Timmins, Ontario
M. Cayen	Timmins, Ontario

The field crew directly responsible for collecting and completing the IP survey were as follows.

M. Cayen	Timmins, Ontario
D.J. Gibson	Timmins, Ontario
S. Chartrand	Timmins, Ontario
D. Belair	Timmins, Ontario
J. Hamlin	Timmins, Ontario

The ground program was completed under the direct supervision of J.C.Grant and all of the plotting and compilation was completed by in-house staff.

GROUND PROGRAM:

The ground program was completed in two phases. The first phase was to establish a detailed metric grid across the property. Tri Origin hired the Haveman Brothers of Kakabeca Falls to complete the line cutting on the property.

The grid consisted of east west lines spaced 100 meters apart that were turned off of a baseline first established at UTM co-ordinate 5679100MN/669500ME. This base line was then cut 1300 to the east and 1100 meters to the west of this start point. A river was encountered 1100 meters to the west and a second tie line was cut parallel to the base line and it ran from 5678900MN/668400ME to 5678900MN/667900ME.

All of the cut lines, base line and tie lines were chained with 25 meter stations that have been metal tagged. In all, a total of 45.2 kilometers of grid lines were established across the property before the arrival of the geophysical crew.

Upon the completion of the line cutting the second phase of the program consisted of a detailed Total Field Magnetic survey that was done in conjunction with and Induced Polarization, (IP), survey. The magnetic survey was completed from line 670600ME to 668600ME utilizing the Scintrex, Envi Mag system for both the field units and for the magnetic base station recorder. Specification for this unit can be found as Appendix A of this report. The magnetic program was completed between October 17th and October 26th 2011.

The following parameters were kept constant throughout the survey.

MAGNETIC SURVEY:

Line spacing	100 meters
Station spacing	25 meters
Reading Interval	12.5 meters
Diurnal Monitoring	base station recorder
Record interval	30 seconds
Reference field	58,000 nT
Datum subtracted	57,500 nT
Unit accuracy	+/- 0.1 Nt
Parameters measured	Systematic measurements of the earth's total field in (nT)

Upon the completion of the magnetic survey the collected magnetic data was corrected through the base station data to eliminate diurnal variances and the data had a background of 57,500 nT removed from each corrected reading for ease in plotting purposes only. The corrected and leveled data was then plotted directly onto a base map at a scale of 1:5000 and then contoured at 25 gamma intervals wherever possible.

The grid was then covered by an Induced Polarization, (IP), survey using the Instrumentation G.D.D. Receiver and the G.D.D. 3.6 kilowatt transmitter. Specification for these units can be found as Appendix B of this report. The grid lines covered by the IP survey were 668600ME to 669200ME and lines 669400ME to 669700ME, lines 670000ME, 670200ME and lines 670400ME to 670600ME. The IP survey was completed between October 18th and November 6th 2011.

The following parameters were kept constant throughout the survey.

IP SURVEY:

Line spacing	100 meters
Station spacing	25 meters
Reading Interval	25 meters
IP method:	Time domain
IP array:	Pole-dipole
IP mode:	Arithmetic
Delay time	240ms
Transmitter time:	2 seconds on, 2 seconds off
Number of electrodes & spacing:	6 stainless steel, 25 meters
Parameters measured:	Apparent resistivity in Ohms/meter and chargeability in Millivolts/volt.

Once the IP survey was completed the data was presented as individual line pseudo-sections showing the color contoured results for the chargeability and resistivity values as well as a calculated metal factor value.

Respectfully submitted

John C. Grant, C.E.T, FGAC,
March 2012.

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 a 3 year Honors Diploma in Geological and Geophysical Technology.

2). I have worked subsequently as an Exploration Geophysicist for Teck Exploration Limited, (5 years, 1975 to 1980), and currently as Exploration Manager and Chief Geophysicist for Exsics Exploration Limited, since May, 1980.

3). I am a member in good standing of the Certified Engineering Technologist Association, (CET), since 1984.

4). I am in good standing as a Fellow of the Geological Association of Canada, (FGAC), since 1986.

5). I have been actively engaged in my profession since the 15th day of May, 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 nor do I expect to receive any such interest in the herein described property. I have been retained by the property holders and or their Agents as a Geological and Geophysical Consultant and Contract Manager.

John Charles Grant, CET., FGAC.

APPENDIX A

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

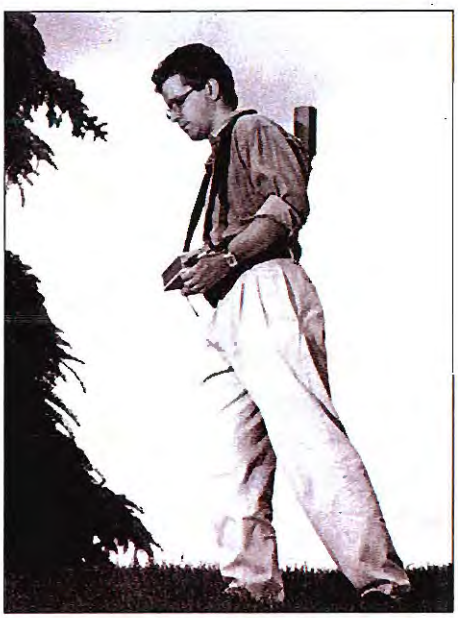
- easily detects buried drums to depths of 10 feet or more
- more sensitive to the steel of a buried drum than EM or radar
- much less expensive than EM or radar
- survey productivity much higher than with EM or radar

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.



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.

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

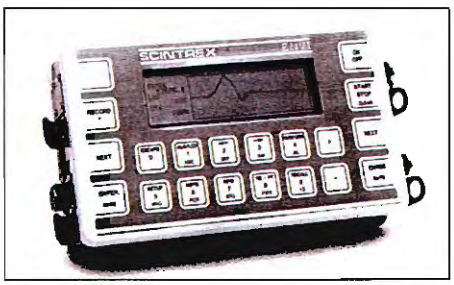
An optional upgrade kit is available to configure ENVI-MAG as a gradiometer to make true, simultaneous gradiometer measurements. Gradiometry is useful for geotechnical and archaeological surveys where small near surface magnetic targets are the object of the survey.

Selectable Sampling Rates

0.5 second, 1 second and 2 second reading rates user selectable from the keyboard.

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.

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 correctly and

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:

a) read the ENVI-MAG data and reformat it into a standard compatible with the ENVIMAP software

b) grid the data into a standard grid format

c) 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

d) contour the gridded data

e) 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

f) 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 (½m) 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 alphanumerics

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 12 Volt 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: 06-964570

In the USA:
Scintrex Inc.
85 River Rock Drive
Unit 202
Buffalo, NY 14207
Telephone: (716) 298-1219
Fax: (716) 298-1317

APPENDIX B

INSTRUMENTATION GDD INC.

Canadian Manufacturer of Geophysical Instrumentation since 1976
Sales, Rental, Customer Service, R&D and Field training
WWW.GDD.CA

32 Channels IP Receiver Model GRx8-32

«Field users have reported that the GDD IP Receiver provided more repeatable readings than any other time domain IP receiver and it read a few additional dipoles.»

Features

- 8 channels expandable to 16, 24 or 32
- Reads up to 32 ch. simultaneously in poles or dipoles
- PDA menu-driven software / simple to use
- 32 channels configuration allows 3D Survey:
  4 lines X 8 channels - 2 lines X 16 channels or
  1 line X 32 channels
- Link to a PDA by Bluetooth or RS-232 port
- Real-time data and automatic data stacking (Full Wave)
- Screen-graphics: decay curves, resistivity, chargeability
- Automatic SP compensation and gain setting
- 20 programmable chargeability windows
- Survey capabilities: Resistivity and Time domain IP
- One 24 bit A/D converter per channel
- Gain from 1 to 1,000,000,000 (10^8)
- Shock resistant, portable and environmentally sealed

GRx8-32: This new receiver is a compact and low consumption unit designed for high productivity Resistivity and Induced Polarization surveys. It features high ruggedness allowing to work in any field conditions

Reception poles/dipoles: 8 simultaneous channels expandable to 16, 24 or 32, for dipole-dipole, pole-dipole or pole-pole arrays.

Programmable windows: The GRx8-32 offers twenty fully programmable windows for a higher flexibility in the definition of the IP decay curve.

User modes available: Arithmetic, logarithmic, semi-logarithmic, Cole-Cole, IPR-12 and user define.

IP display: Chargeability values, Resistivity values and IP decay curves can be displayed in real time. The GRx8-32 can be used for monitoring the noise level and checking the primary voltage waveform.

Internal memory: The memory of 64 megabytes can store 64,000 readings. Each reading totalizes one kilobyte and includes the full set of parameters characterizing the measurements on 8 channels. The data is stored in flash memories not requiring any lithium battery for safeguard. A flash card stores the full wave signal for post-treatment processing.

SPECIFICATIONS

Number of channels: 8, expandable to 16, 24 or 32
Survey capabilities: Resistivity and Time domain IP
Twenty chargeability windows: Arithmetic, logarithmic, semi-logarithmic, IPR-12 and user defined
Synchronization: Automatic re-synchronization process on primary voltage signal
Noise reduction: Automatic stacking number
Computation: Apparent resistivity, chargeability, standard deviation, and % of symetrical Vp
Size: 41 X 33 X 18 cm (16 X 13 X 7 in)
Weight (32 channels): 8.9 kg (19.6 lb)
Enclosure: Heavy-duty Pelican case, environmentally sealed
Serial ports: RS-232 and Bluetooth to communicate with a PDA
Temperature range: -45 to +60°C (-49 to +140°F)
Humidity range: Waterproof

PDA included with GRx8-32

Standard Juniper - Allegro CX mobile PDA computer provided with the GDD receiver with all accessories.
Operating system: Windows CE
Comes with Bluetooth and RS-232

ELECTRICAL CHARACTERISTICS

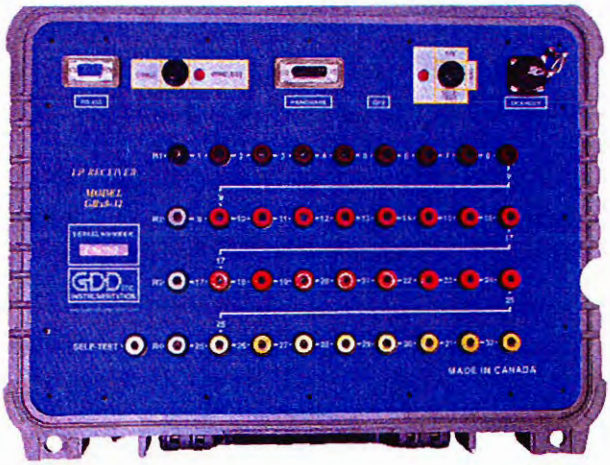
Ground Resistance: Up to 1.5 MΩ
Signal waveform: Time domain (ON+, OFF, ON-, OFF)
Time base: 0.5, 1, 2, 4 and 8 seconds
Input impedance: 10^4 GΩ
Primary voltage: ±10 uV to ±15 V for any channel
Input: True differential for common-mode rejection in dipole configuration
Voltage measurement: Resolution 1 µV
SP offset adjustment: ± 5 V, automatic compensation through linear drift correction per steps of 150 µV
Filter: Eight-pole Bessel low-pass 15 Hz, notch filter 50 Hz and 60 Hz

POWER

Power: -12 V rechargeable batteries.
-Standard plug for external battery.

Components included with GDD IP Receiver GRx8-32

32 channels GDD GRx8-32 IP Receiver



A	1x	Not shown but included: Receiver	L	1x	Allegro Cx hand strap
B	1x	Not shown but included: Transportation box	M	2x	Allegro Cx NIMH battery pack 3000mAh 3.6V
C	1x	GRx8-32 IP receiver wall charger (120-240V)	N	1x	Allegro Cx external NIMH 3000mAh 3.6V battery charger (120-240V)
D		Red cable banana/alligator (8 ch/10x, 16 ch/19x, 24 ch/28x, 32 ch/37x)	O	1x	Allegro Cx utility CD
E	2x	Black cable banana/alligator	P	1x	Allegro Cx AA alkaline battery holder
F	1x	Allegro Cx field computer	Q	1x	Charger with 4 AA 2400mAh 1.2V NIMH batteries
G	1x	Allegro Cx wall charger (120-240V)	R	1x	Allegro Cx USB power dock
H	1x	Serial communication cable 9 pos. D-SUB female - 9 pos. D-SUB female	S	1x	Allegro Cx USB cable for USB power dock
I	2x	Serial communication cable 9 pos. D-SUB female - 5 pos. Amphenol male	T	tx	Not shown but included: Instruction manual (Receiver)
K	1x	Allegro Cx shoulder strap	U	tx	Not shown but included: Instruction manual (Allegro Cx mobile PDA)

PURCHASE

Can be shipped anywhere in the world.

RENTAL – available in Canada and USA only

Starts on the day the instrument leaves GDD office in Quebec to the day of its return in GDD office. 50% of the rental fees up to a maximum of 4 months can be credited towards the purchased of the rented instrument.

WARRANTY

All GDD instruments are covered by a one-year warranty. All repairs will be done free of charge at our office in Quebec, Quebec, Canada.

SERVICE

If an instrument manufactured by GDD breaks down while under warranty or service contract, it will be replaced free of charge during repairs (upon request and subject to instruments availability).

OTHER COSTS

Shipping, insurances, customs and taxes are extra if applicable.

PAYMENT

Checks, credit cards, bank transfer, etc.

INSTRUMENTATION GDD INC.
3700, boul. de la Chaudière, suite 200
Québec (Québec), Canada G1X 4B7
Phone: +1 (418) 877-4249
Fax: +1 (418) 877-4054
E-Mail: gdd@gddinstrumentation.com
Web Site: www.gddinstrumentation.com

Canadian Manufacturer of Geophysical Instrumentation since 1976
Sales, Rental, Customer Service, R&D and Field training

Induced Polarization Transmitter

TxIII-1800W-2400V-10A Model

TxII-3600W-2400V-10A Model

New feature: link two GDD 1800W or 3600W IP TX together and double the voltage (4800V) and power .

Its high power combined with its light weight and a Honda generator makes it particularly suitable for dipole-dipole Induced Polarization surveys.

- **Protection against short circuits even at zero (0) ohm**
- **Output voltage range: 150 V – 2400 V / 14 steps**
- **Power source: 120 V – Optional: 220 V, 50 / 60 Hz**
- **Displays electrode contact, transmitting power and current**
- **One-year warranty on parts and labour**

This backpackable 1800 watts Induced Polarization (I.P.) transmitter works from a standard 120 V source and is well adapted to rocky environments where a high output voltage of up to 2400 volts is needed. Moreover, in highly conductive overburden, at 150 V, the highly efficient TxII-1800W transmitter is able to send current up to 10 A. By using this I.P. transmitter, you obtain fast and high-quality I.P. readings even in the worst conditions. Link two GDD 1800 W IP TX together and transmit up to 3600 watts – 4800 volts – 10 amps.

Its high power combined with a Honda generator makes it particularly suitable for pole-dipole Induced Polarization surveys.

- **Protection against short circuits even at zero (0) ohm**
- **Output voltage range: 150 V – 2400 V / 14 steps**
- **Power source: 220 V, 50 / 60 Hz - standard 220 V generator**
- **Displays electrode contact, transmitting power and current**
- **One-year warranty on parts and labour**

This 3600 watts Induced Polarization (I.P.) transmitter works from a standard 220 V source and is well adapted to rocky environments where a high output voltage of up to 2400 volts is needed. Moreover, in highly conductive overburden, at 350 V, the highly efficient TxII-3600W transmitter is able to send current up to 10 A. By using this I.P. transmitter, you obtain fast and high-quality I.P. readings even in the most difficult conditions. Link two GDD 3600 W IP TX together and transmit up to 7200 watts – 4800 volts – 10 amps.

Face plate of the ←1800W and 3600W→ IP Tx

SPECIFICATIONS

TxII-1800W

- Size: 50cm x 30.5cm x 45.7 cm
- Weight: approximately 28 kg
- Operating temperature: -40 °C to 65 °C

TxII-3600W

- Size: 51 X 41.5 X 21.5 cm – built in transportation box from Pelican
- Weight: approximately 32 kg
- Operating temperature: -40 °C to 65 °C

ELECTRICAL CHARACTERISTICS

TxII-1800W and TxII-3600W

- Standard time base of 2 seconds for time-domain: 2 seconds ON, 2 seconds OFF
- Optional time base: DC, 0.5, 1, 2, 4 or DC, 1, 2, 4, 8 seconds
- Output current range: 0.030 to 10 A (normal operation)
  0.000 to 10 A (cancel open loop)
- Output voltage range: 150 to 2400 V / 14 steps
- Ability to link 2 GDD Tx to double power using optional Master / Slave cable

CONTROLS

TxII-1800W and TxII-3600W

- Power ON/OFF
- Output voltage range switch: 150 V, 180 V, 350 V, 420 V, 500 V, 600 V, 700 V, 840 V, 1000 V, 1200 V, 1400 V, 1680 V, 2000 V, 2400 V

DISPLAYS

TxII-1800W and TxII-3600W – now 2 displays

- Output current LCD: reads to ± 0.0010 A.
- Electrode contact displayed when not transmitting.
- Output power displayed when transmitting.
- Automatic thermostat controlled LCD heater for read-out.
- Total protection against short circuits even at zero (0) ohm.
- Indicator lamps in case of overload:
  -High voltage ON/OFF
  -Generator over or undervoltage
  -Logic fail
  -Output overcurrent
  -Overheating
  -Open Loop Protection

POWER

TxII-1800W

Recommended generator:

- Standard 120 V / 60 Hz backpackable Honda generator
- Suggested models: Honda EU1000iC, 1000 W, 13.5 kg or
  Honda EU2000iC, 2000 W, 21.0 kg

TxII-3600W

Recommended generator :

- Standard 220 V, 50 / 60 Hz Honda generator
- Suggested models: EM3500XK1C, 3500 W, 62 kg or
  EM5000XK1C, 5000 W, 77 kg

DESCRIPTION

TxII-1800W

- Includes shipping box, instruction manual and 110 V plug
- Optional backpackable Tx frame, Master / Slave optional cable

TxII-3600W

- Includes built-in shipping box, instruction manual and 220 V plug
- Optional 220 V extension, Master / Slave optional cable

PURCHASE

Can be shipped anywhere in the world.

RENTAL – available in Canada and USA only

Starts on the day the instrument leaves GDD office in Quebec to the day of its return in GDD office. 50% of the rental fees up to a maximum of 4 months can be credited towards the purchased of the rented instrument.

WARRANTY

All GDD instruments are covered by a one-year warranty. All repairs will be done free of charge at our office in Quebec, Quebec, Canada.

OTHER COSTS

Shipping, insurances, customs and taxes are extra if applicable.

PAYMENT

Checks, credit cards, bank transfer, etc

SERVICE

If an instrument manufactured by GDD breaks down while under warranty or service contract, it will be replaced free of charge during repairs (upon request and subject to instruments availability).

INSTRUMENTATION GDD INC

3700, boul. de la Chaudière, suite 200
Québec (Québec)
Canada G1X 4B7
Phone: +1 (418) 877-4249
Fax: +1 (418) 877-4054
E-Mail: gdd@gddinstrumentation.com
Web Site: www.gddinstrumentation.com

Specifications are subject to change without notice
Printed in Quebec, Canada, 2008

APPENDIX B

LIST OF CLAIMS

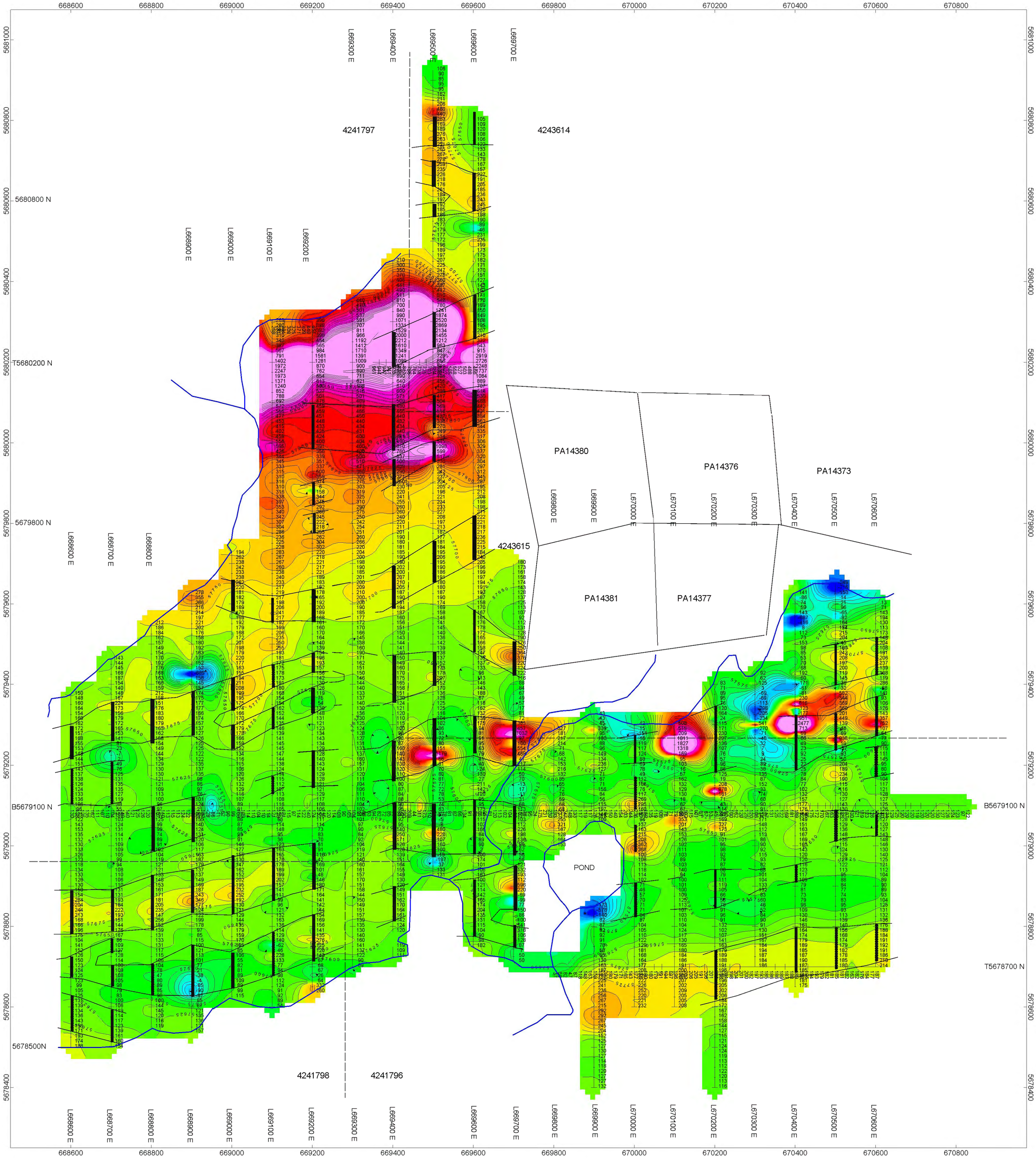
APPENDIX B – LIST OF CLAIMS

Claim Number	Township/Area	Ownership
4214444	Duffell Lake	Tri Origin Exploration Ltd.
4214445	Duffell Lake	Tri Origin Exploration Ltd.
4214446	Duffell Lake	Tri Origin Exploration Ltd.
4214447	Duffell Lake	Tri Origin Exploration Ltd.
4214448	Duffell Lake	Tri Origin Exploration Ltd.
4241191	Matapesatakun Bay	Tri Origin Exploration Ltd.
4241192	Matapesatakun Bay	Tri Origin Exploration Ltd.
4241193	Matapesatakun Bay	Tri Origin Exploration Ltd.
4241194	Matapesatakun Bay	Tri Origin Exploration Ltd.
4241195	Caley Lake	Tri Origin Exploration Ltd.
4241196	Caley Lake	Tri Origin Exploration Ltd.
4241197	Caley Lake	Tri Origin Exploration Ltd.
4241198	Matapesatakun Bay	Tri Origin Exploration Ltd.
4241199	Matapesatakun Bay	Tri Origin Exploration Ltd.
4241200	Matapesatakun Bay	Tri Origin Exploration Ltd.
4241796	Matapesatakun Bay	Tri Origin Exploration Ltd.
4241797	Caley Lake	Tri Origin Exploration Ltd.
4241798	Matapesatakun Bay	Tri Origin Exploration Ltd.
4241799	Matapesatakun Bay	Tri Origin Exploration Ltd.
4241800	Matapesatakun Bay	Tri Origin Exploration Ltd.
4243611	Caley Lake	Kitrinor Metals Inc.
4243612	Caley Lake	Kitrinor Metals Inc.
4243613	Caley Lake	Kitrinor Metals Inc.
4243614	Caley Lake	Kitrinor Metals Inc.
4243615	Matapesatakun Bay	Kitrinor Metals Inc.
4243616	Caley Lake	Kitrinor Metals Inc.
4243617	Caley Lake	Kitrinor Metals Inc.
4243618	Matapesatakun Bay	Kitrinor Metals Inc.
4251408	Matapesatakun Bay	Manicouagan Minerals Inc.
4251409	Matapesatakun Bay	Manicouagan Minerals Inc.
4266029	Little Ochig Lake	Tri Origin Exploration Ltd.
4266030	Little Ochig Lake	Tri Origin Exploration Ltd.
4266031	Little Ochig Lake	Tri Origin Exploration Ltd.
4266032	Little Ochig Lake	Tri Origin Exploration Ltd.

APPENDIX C

IP PSEUDO SECTIONS

Attached digital files: 32 files in Appendix C folder



Scale 1:5000

100 0 100 200 300

(meters)

NAD83 / UTM zone 15N

TOTAL FIELD MAGNETICS

BASE 57500nT

57225 57300 57350 57400 57425 57450 57475 57500 57525 57550 57575 57600 57625 57650 57675 57700 57725 57750 57775 57800 57825 57850 57875 57900 57925 57950 57975 58000 58025 58075 58125 58200

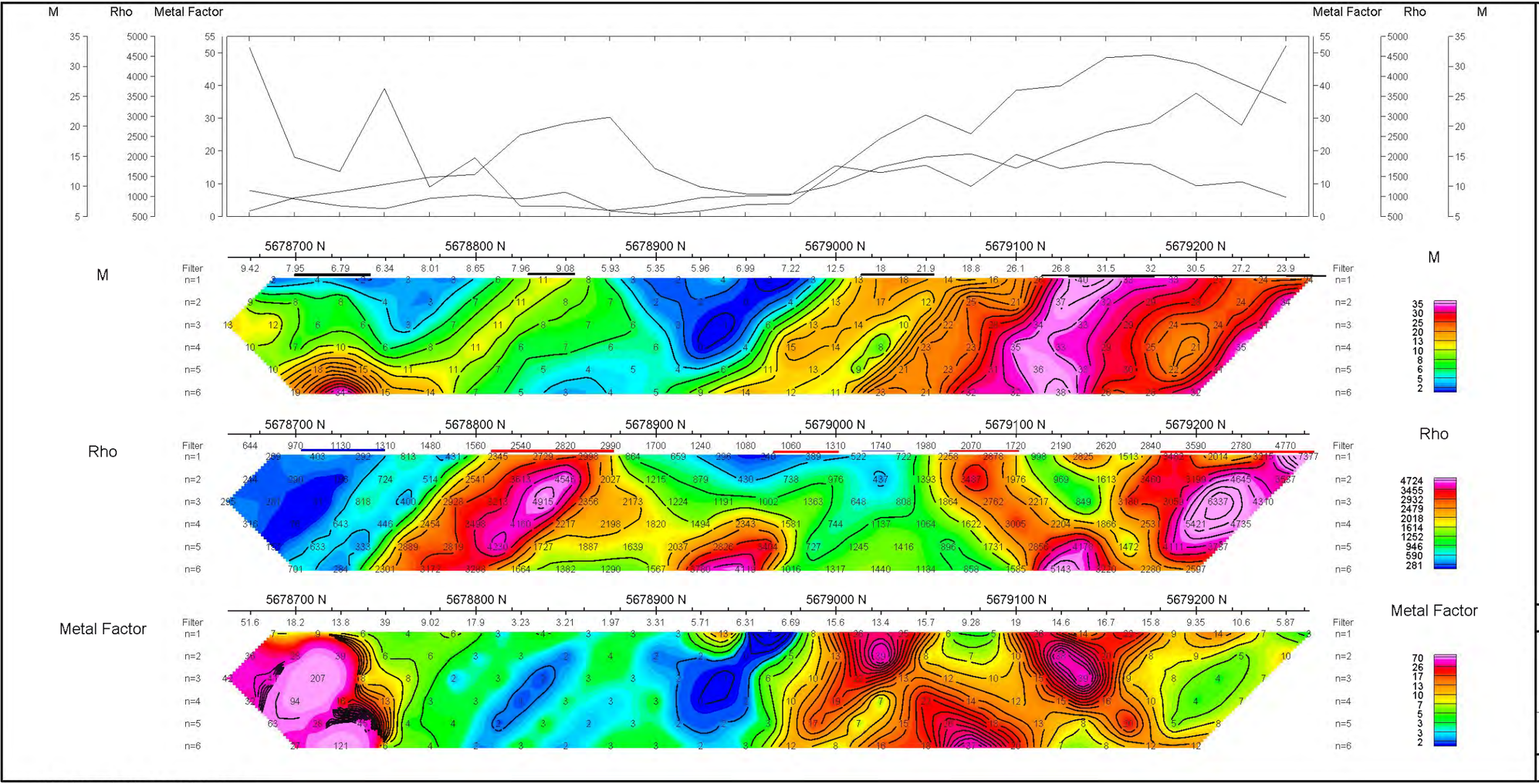
TRI ORIGIN EXPLORATION LTD.

SKY LAKE PROJECT

MATAPESATAKUN BAY AREA-G-2117-PATRICIA MINING DIVISION

TOTAL FIELD MAGNETIC SURVEY/ IP ANOMALIES
SCINTREX ENVI PRO SYSTEM
CONTOURED: 25nT

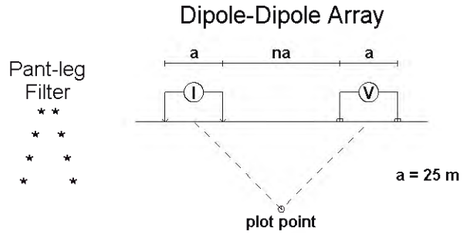
NOV. 2011 EXSICS EXPLORATION LIMITED E-786



Pseudo Section Plot

L670000 E

Dipole-Dipole Array



INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- Low resistivity feature.
- HIGH resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

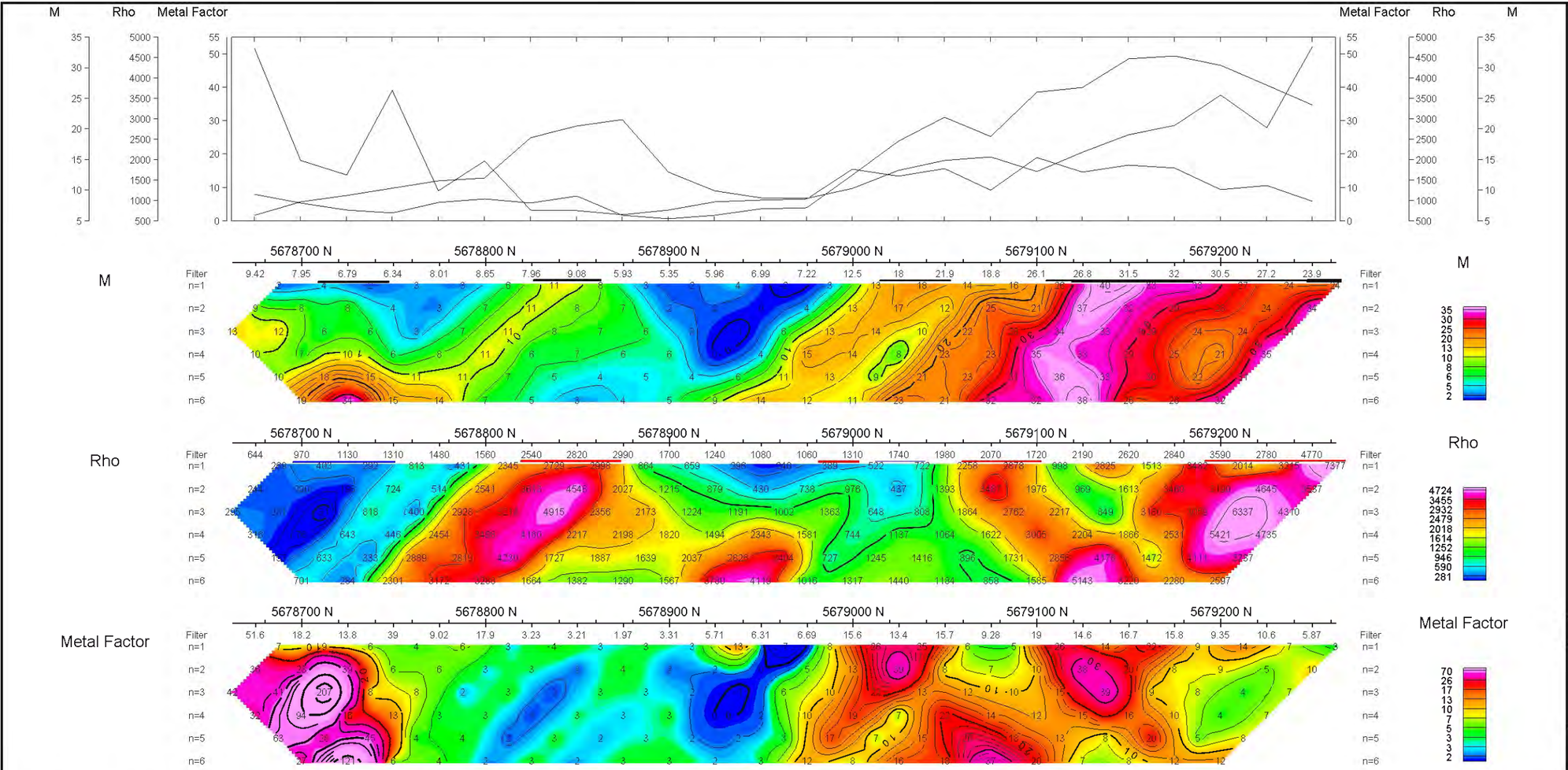
SKY LAKE GOLD PROPERTY

L670000E PICKEL LAKE AREA

Date: 25/02/2012

Interpretation: J.C. GRANT

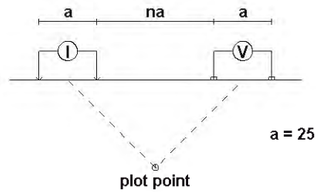
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L670000 E

Dipole-Dipole Array



Pant-leg Filter

Logarithmic Contours

1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- □ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ■ **Low resistivity feature.**
- ■ **HIGH resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

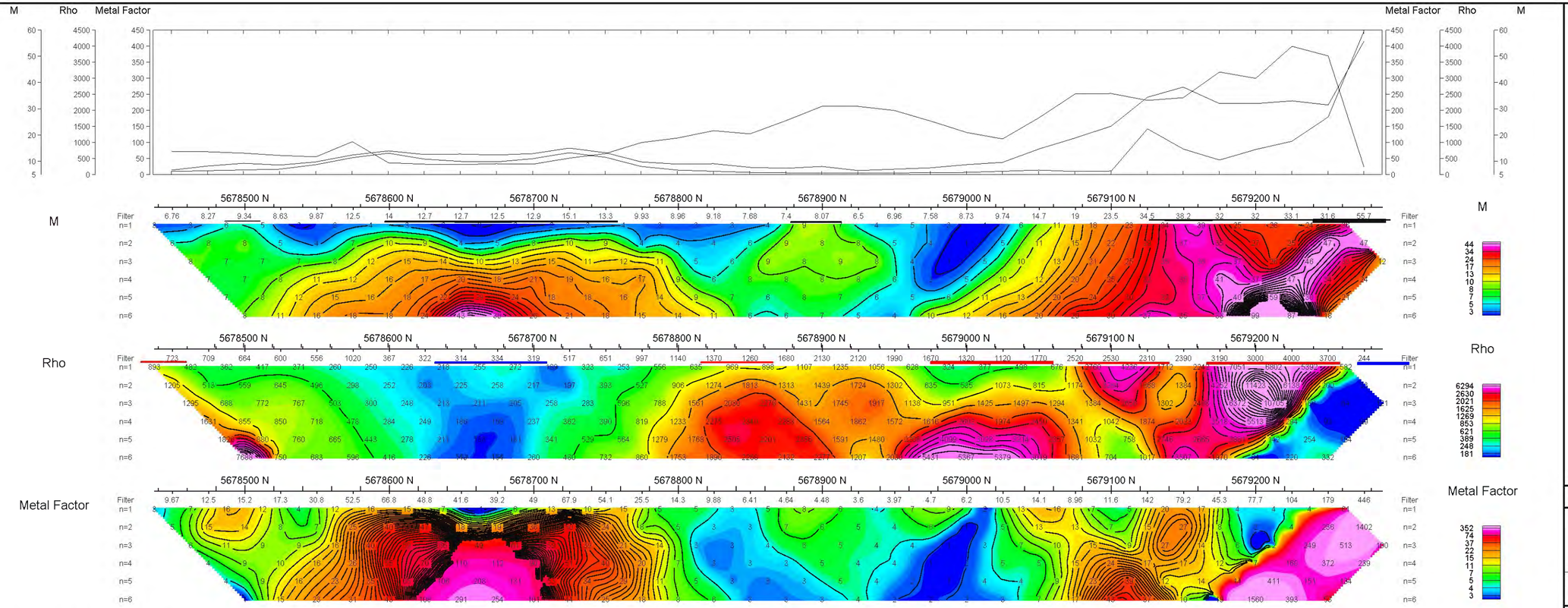
SKY LAKE GOLD PROPERTY

L670000E PICKEL LAKE AREA

Date: 25/02/2012

Interpretation: J.C. GRANT

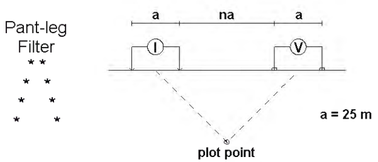
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L670200 E

Dipole-Dipole Array



INTERPRETATION

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- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- Low resistivity feature.
- HIGH resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

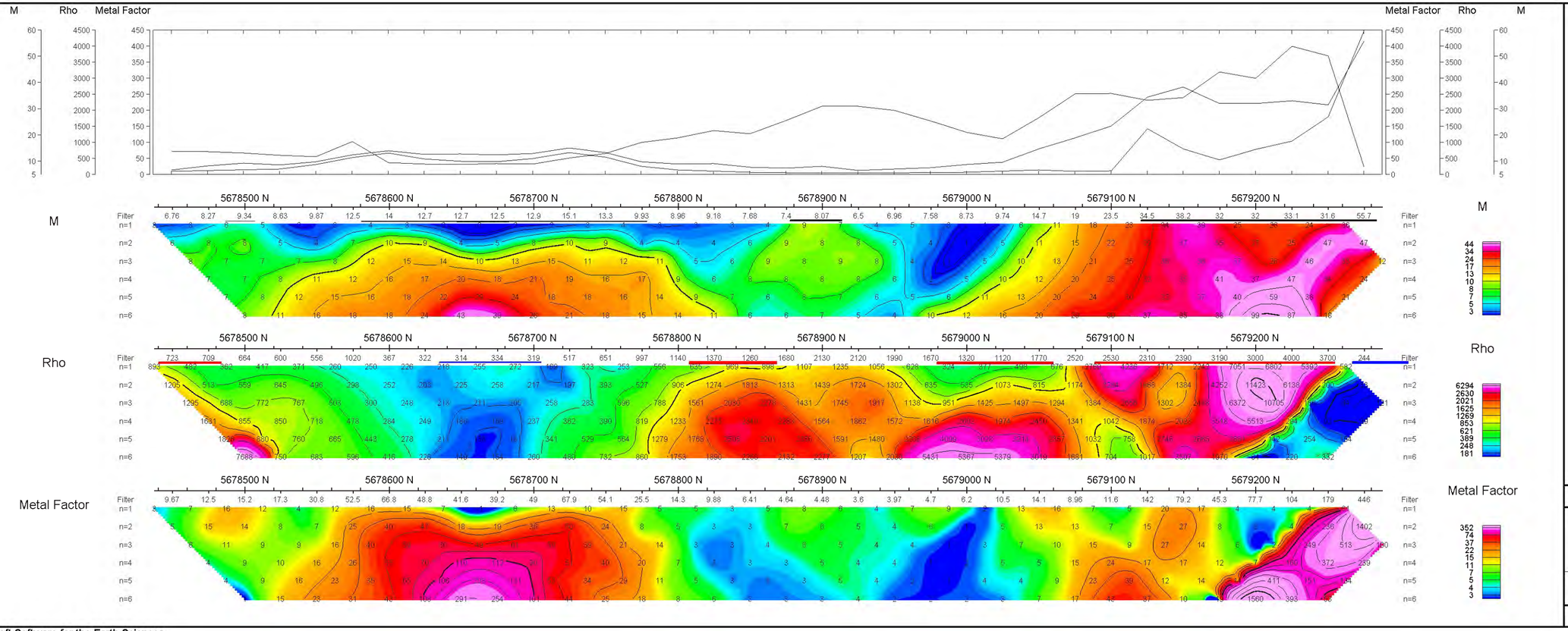
SKY LAKE GOLD PROPERTY

L670200E PICKEL LAKE AREA

Date: 25/02/2012

Interpretation: J.C. GRANT

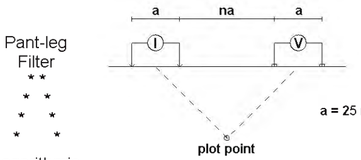
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L670200 E

Dipole-Dipole Array



Pant-leg Filter

Logarithmic Contours

1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- □ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- **Low resistivity feature.**
- **HIGH resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

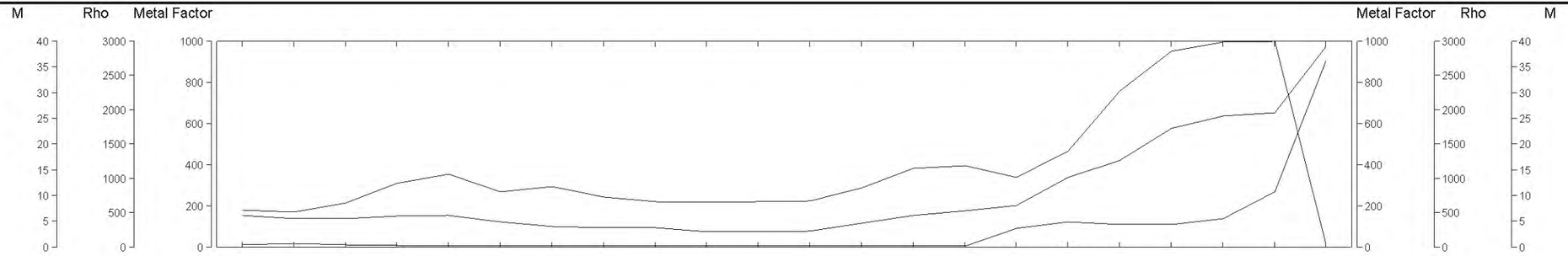
SKY LAKE GOLD PROPERTY

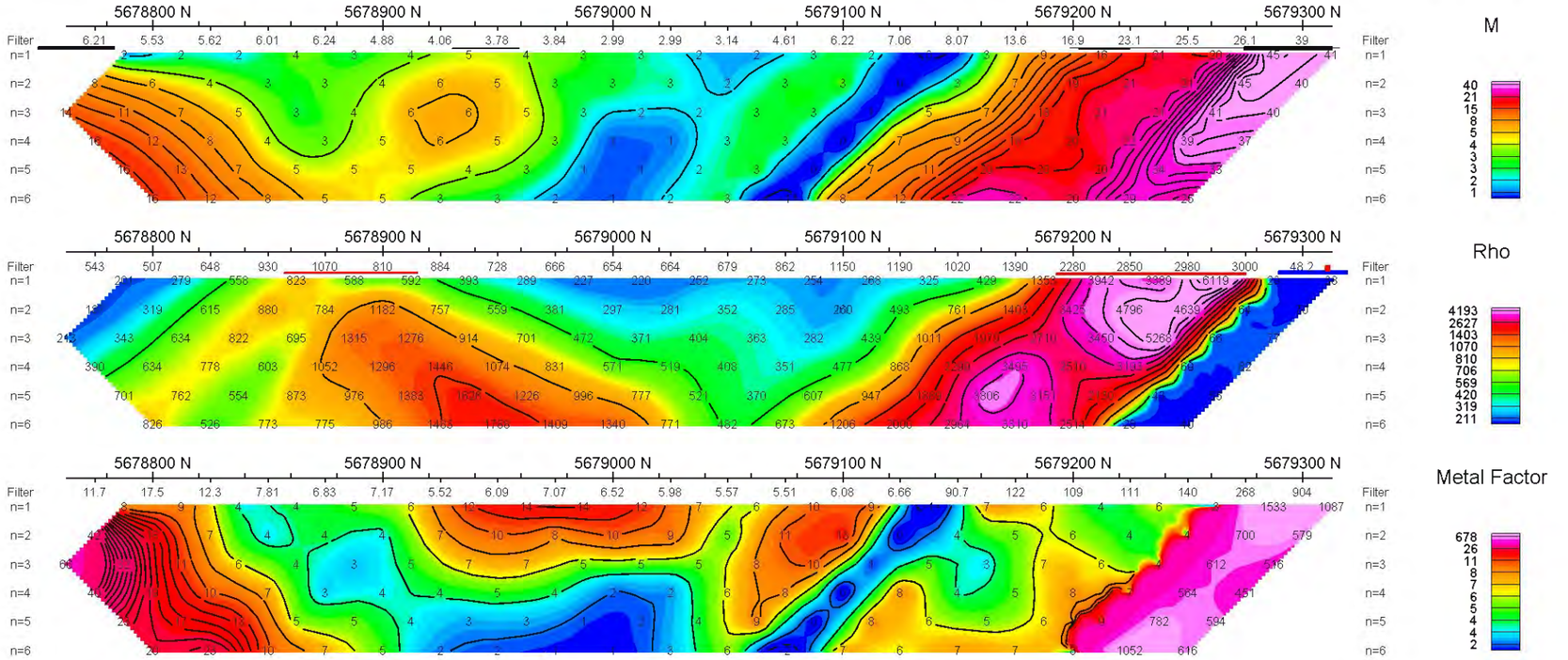
L670200E PICKEL LAKE AREA

Date: 25/02/2012

Interpretation: J.C. GRANT

EXSICS EXPLORATION LIMITED

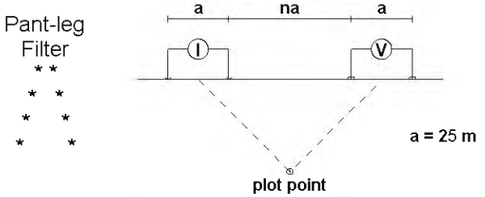




Pseudo Section Plot

L670400 E

Dipole-Dipole Array



INTERPRETATION

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- **Well defined increase in polarization without marked resistivity decrease.**
- **Poorly defined polarization increase with no resistivity signature.**
- **Low resistivity feature.**
- **HIGH resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

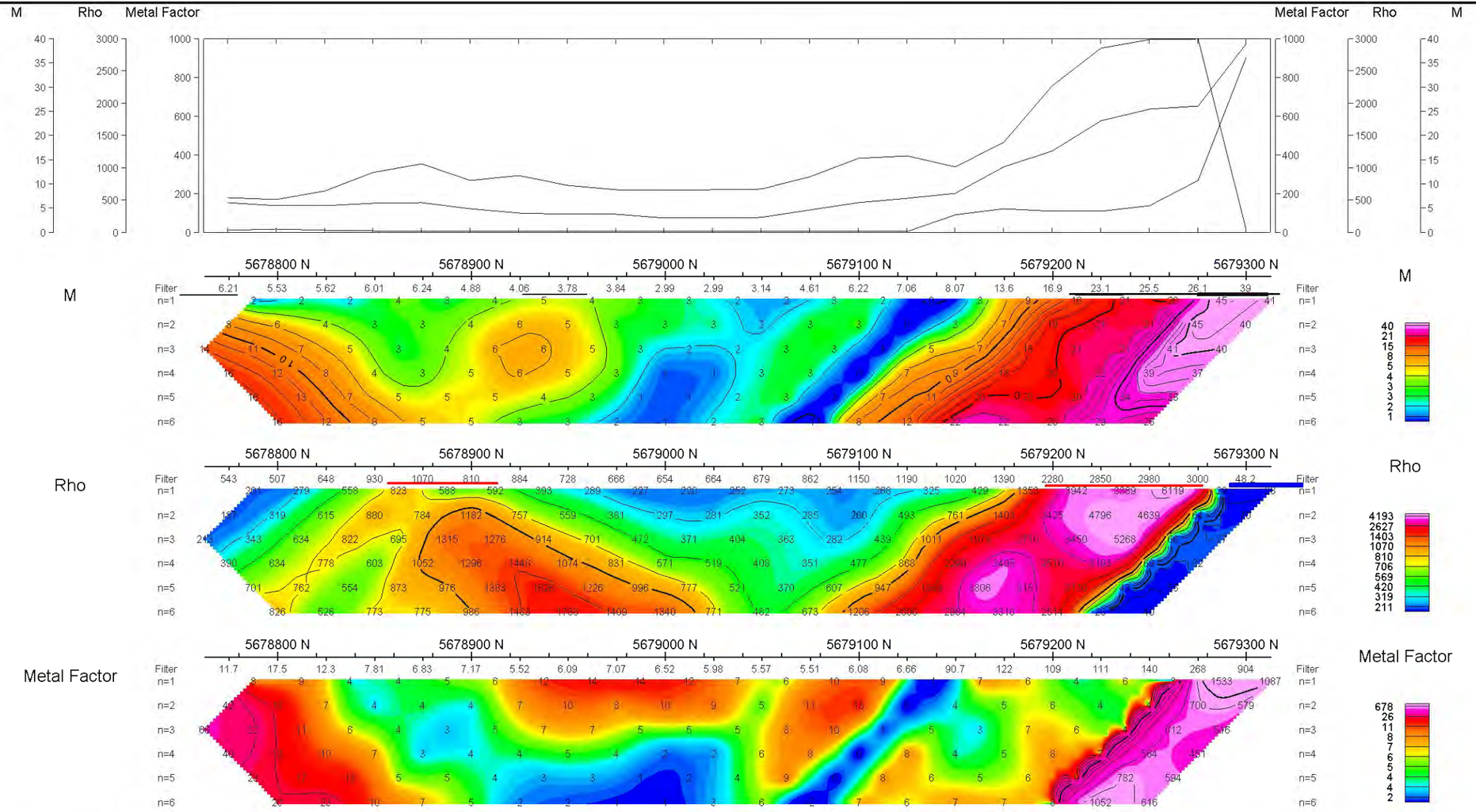
SKY LAKE GOLD PROPERTY

L670400E PICKEL LAKE AREA

Date: 26/02/2012

Interpretation: J.C. GRANT

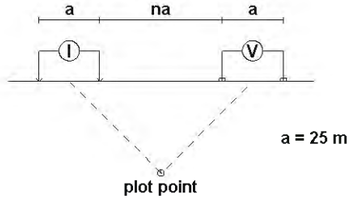
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L670400 E

Dipole-Dipole Array



Pant-leg Filter

Logarithmic Contours

1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- **Strong increase in polarization accompanied by marked decrease in resistivity.**
- **Well defined increase in polarization without marked resistivity decrease.**
- **Poorly defined polarization increase with no resistivity signature.**
- **Low resistivity feature.**
- **HIGH resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

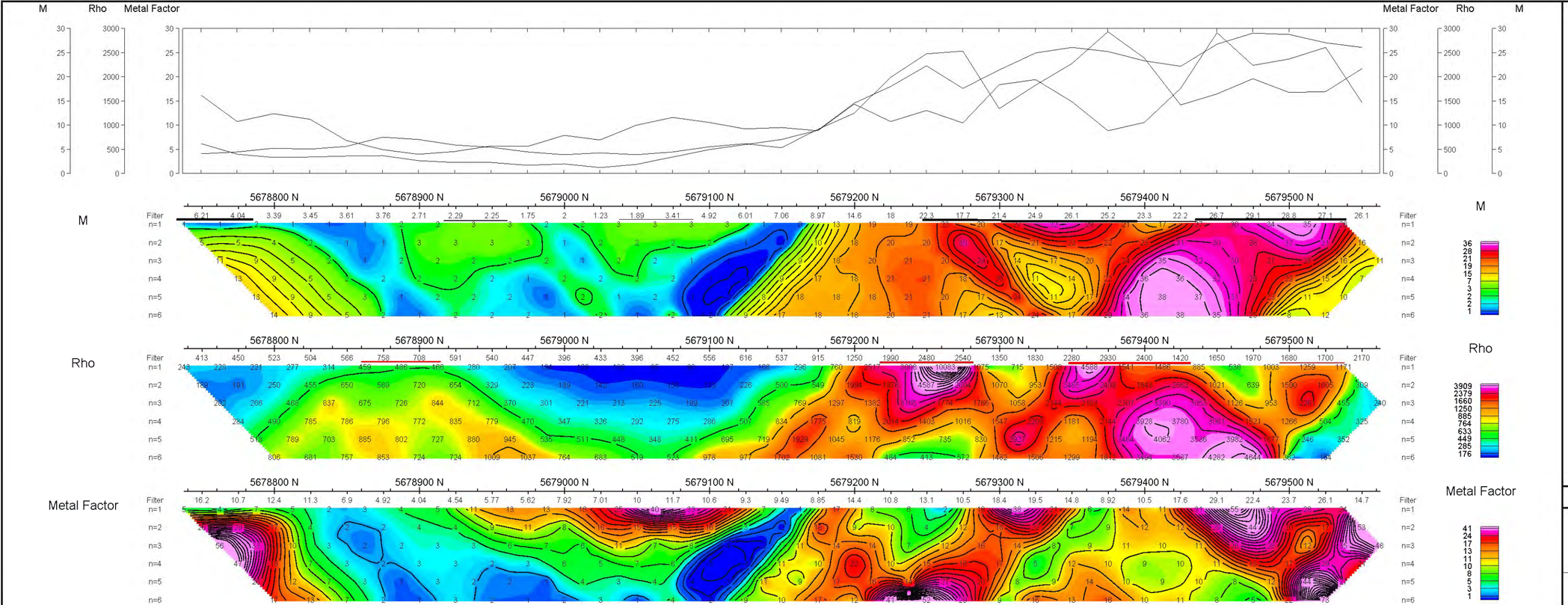
SKY LAKE GOLD PROPERTY

L670400E PICKEL LAKE AREA

Date: 26/02/2012

Interpretation: J.C. GRANT

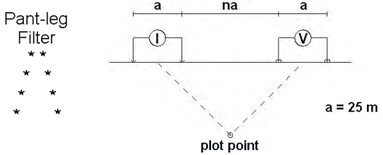
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L670500 E

Dipole-Dipole Array



INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- Low resistivity feature.
- HIGH resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

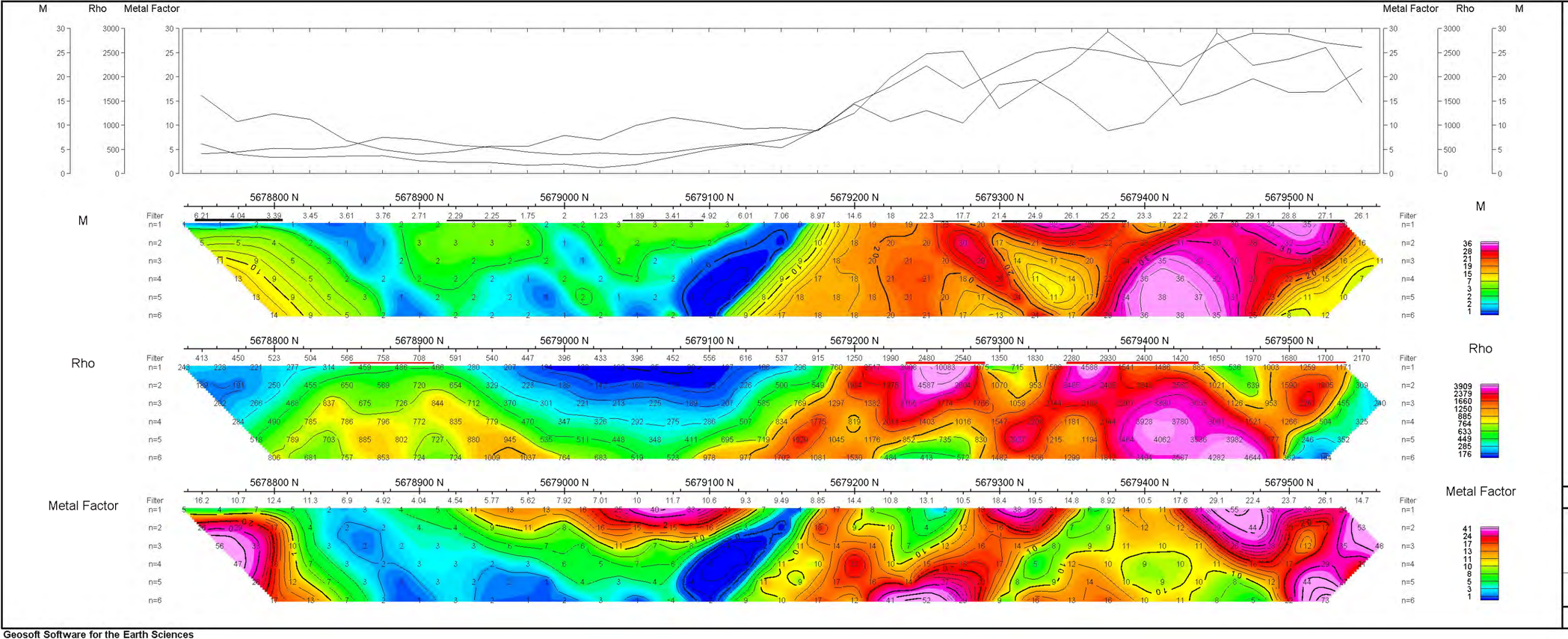
SKY LAKE GOLD PROPERTY

L670500E PICKEL LAKE AREA

Date: 26/02/2012

Interpretation: J.C. GRANT

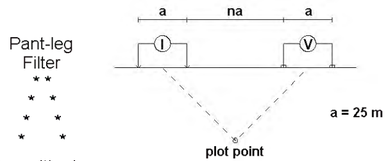
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L670500 E

Dipole-Dipole Array



Pant-leg Filter

Logarithmic Contours

1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- **Strong increase in polarization accompanied by marked decrease in resistivity.**
- **Well defined increase in polarization without marked resistivity decrease.**
- **Poorly defined polarization increase with no resistivity signature.**
- **Low resistivity feature.**
- **HIGH resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

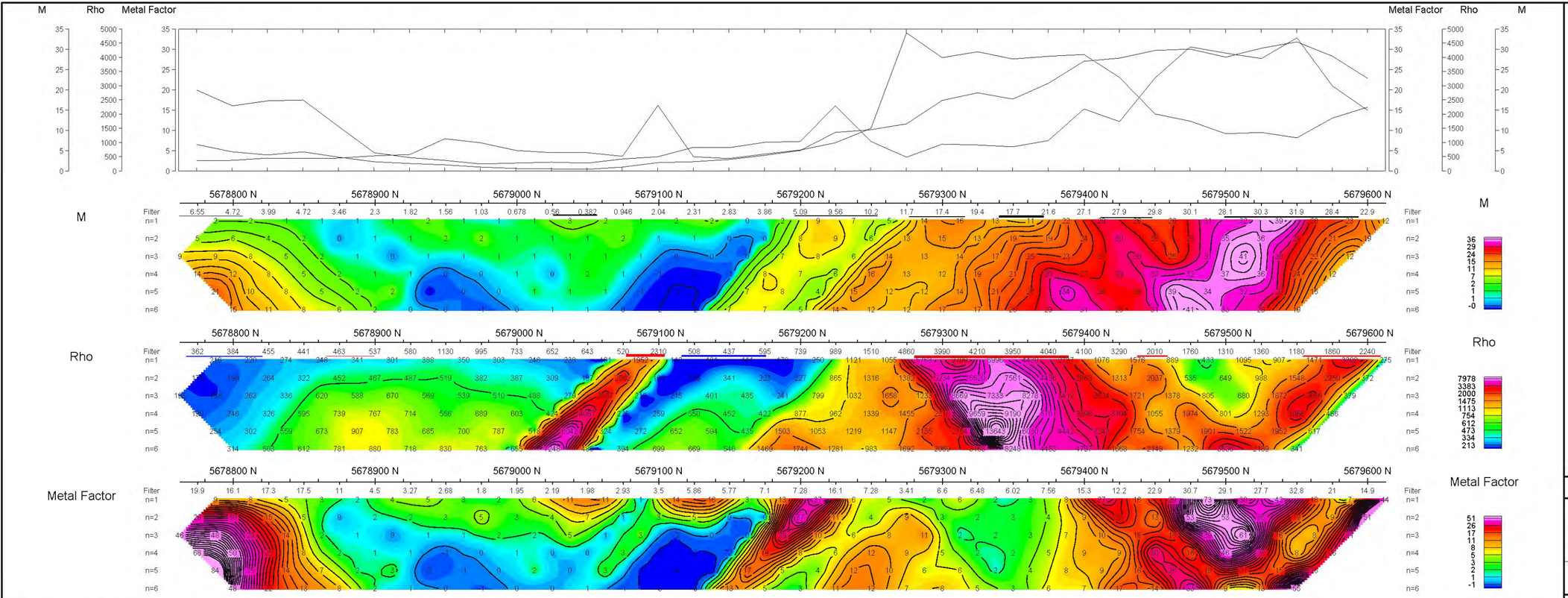
SKY LAKE GOLD PROPERTY

L670500E PICKEL LAKE AREA

Date: 26/02/2012

Interpretation: J.C. GRANT

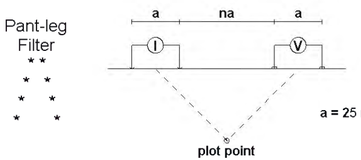
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L670600 E

Dipole-Dipole Array



INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- Low resistivity feature.
- HIGH resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

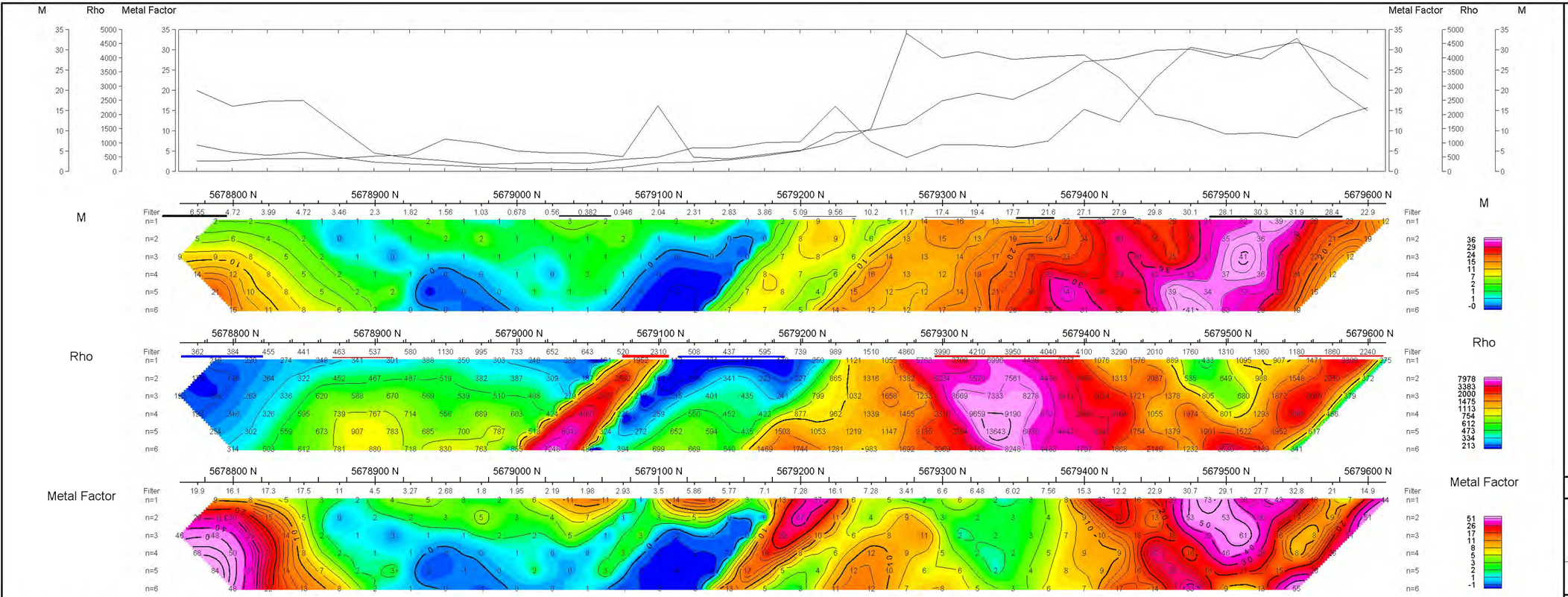
SKY LAKE GOLD PROPERTY

L670600E PICKEL LAKE AREA

Date: 26/02/2012

Interpretation: J.C. GRANT

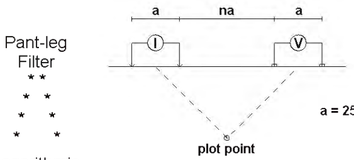
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L670600 E

Dipole-Dipole Array



Pant-leg Filter

Logarithmic Contours

1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- □ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ■ **Low resistivity feature.**
- ■ **HIGH resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

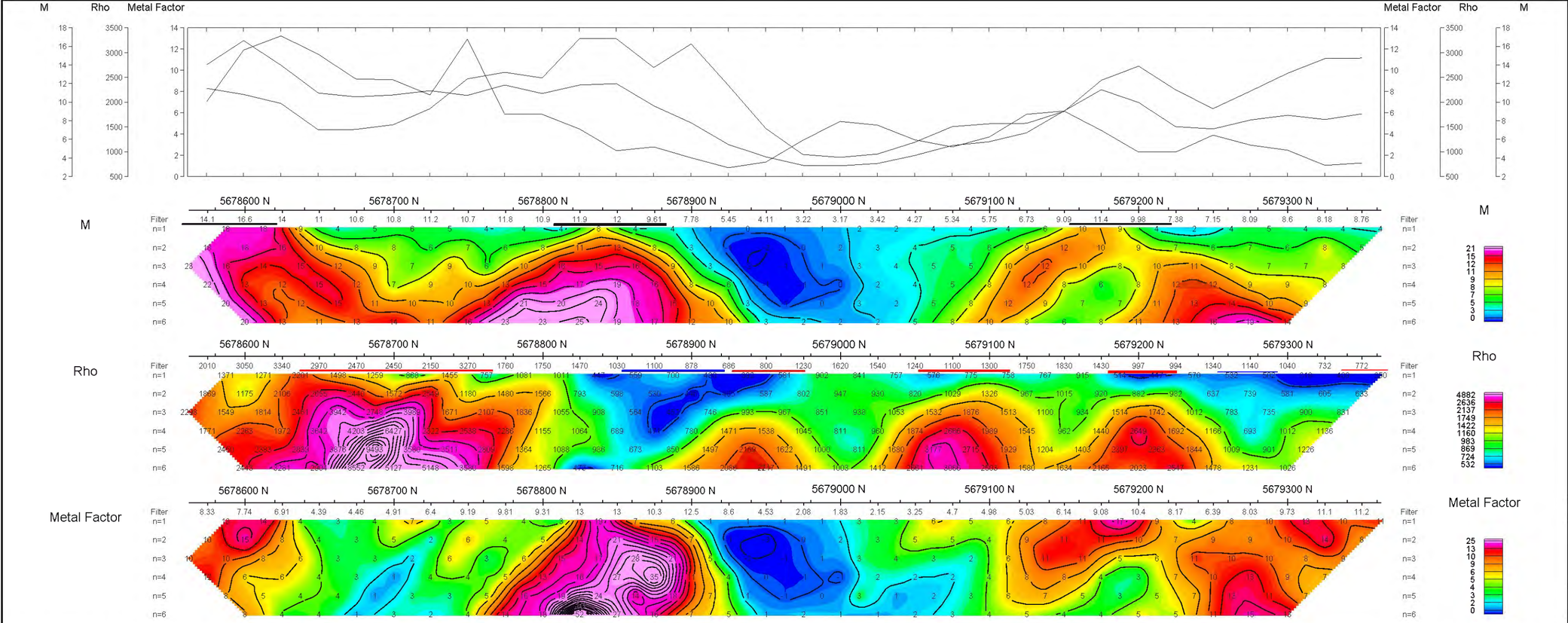
SKY LAKE GOLD PROPERTY

L670600E PICKEL LAKE AREA

Date: 26/02/2012

Interpretation: J.C. GRANT

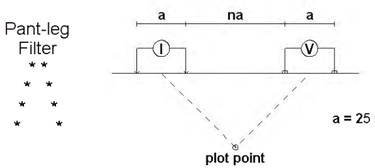
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L668600 E

Dipole-Dipole Array



INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- □ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ■ **Low resistivity feature.**
- ■ **HIGH resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

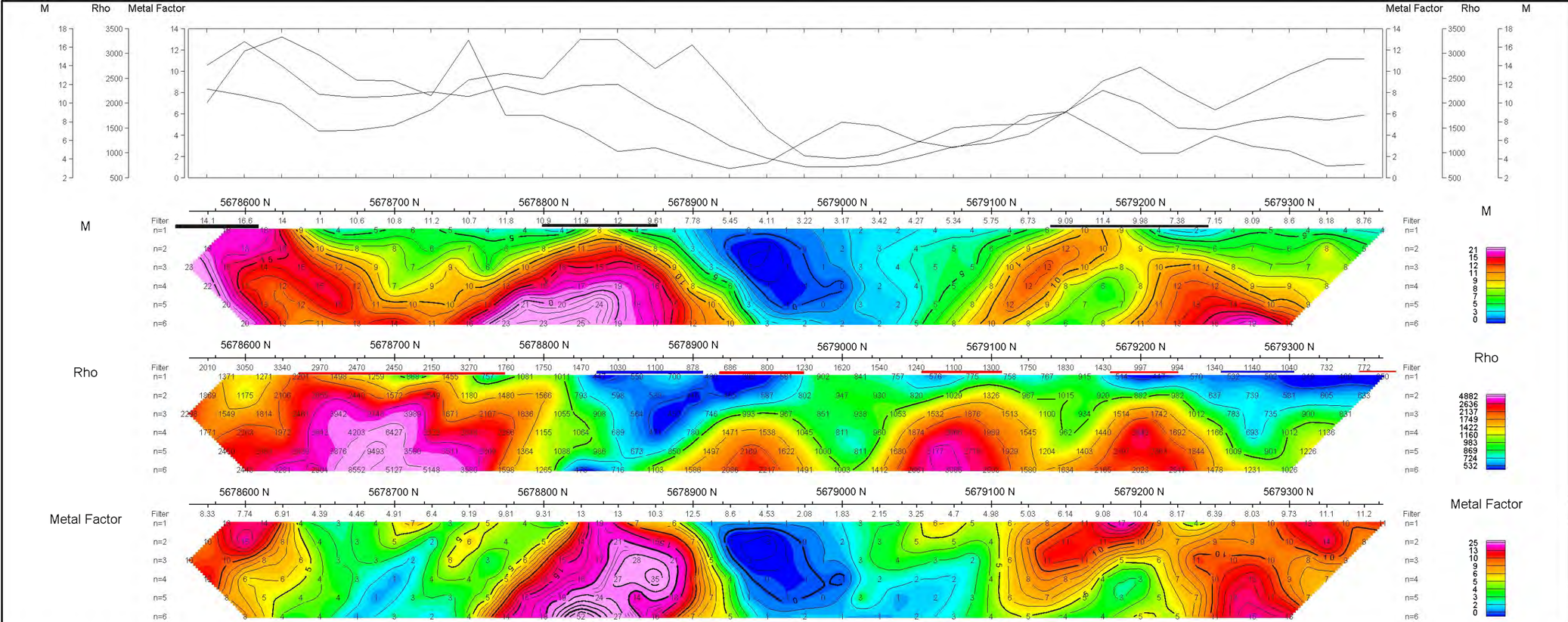
SKY LAKE GOLD PROPERTY

L668600E PICKEL LAKE AREA

Date: 07/02/2012

Interpretation: J.C. GRANT

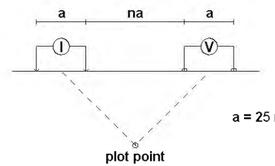
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L668600 E

Dipole-Dipole Array



Pant-leg Filter

Logarithmic Contours

1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- □ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- **Low resistivity feature.**
- **HIGH resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

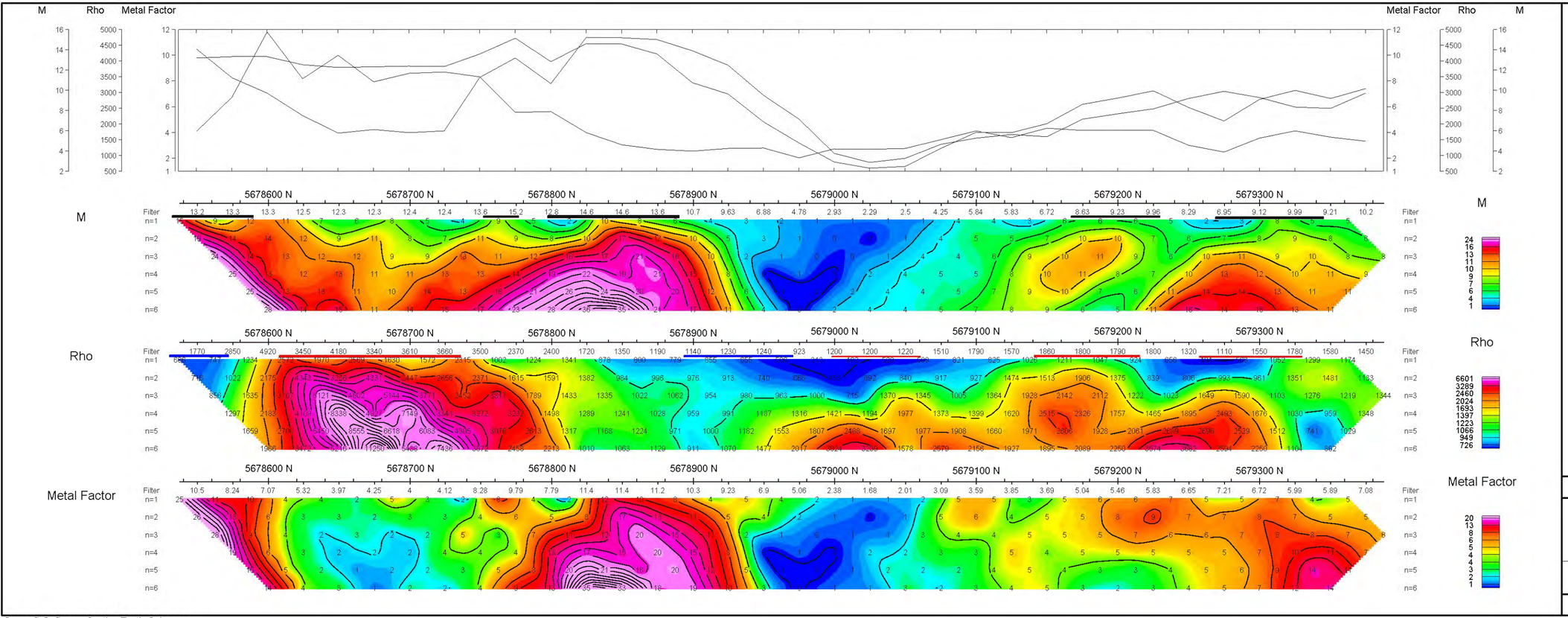
SKY LAKE GOLD PROPERTY

L668600E PICKEL LAKE AREA

Date: 07/02/2012

Interpretation: J.C. GRANT

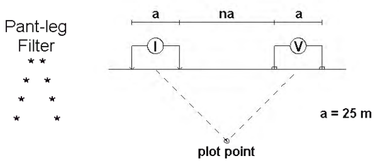
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L668700 E

Dipole-Dipole Array



INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- Low resistivity feature.
- HIGH resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

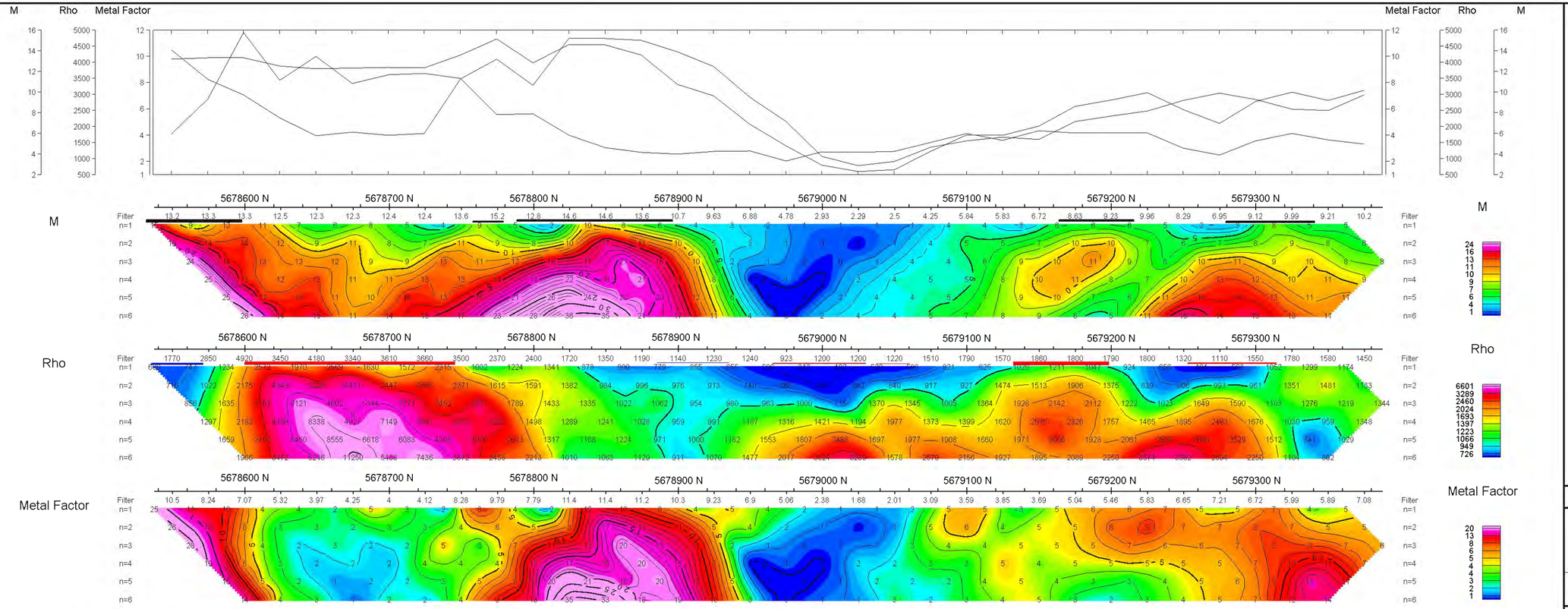
SKY LAKE GOLD PROPERTY

L668700E PICKEL LAKE AREA

Date: 08/02/2012

Interpretation: J.C. GRANT

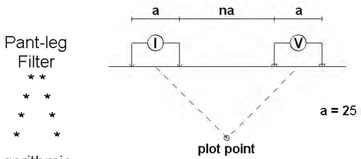
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L668700 E

Dipole-Dipole Array



Pant-leg Filter

Logarithmic Contours

1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- □ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- **Low resistivity feature.**
- **Low resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

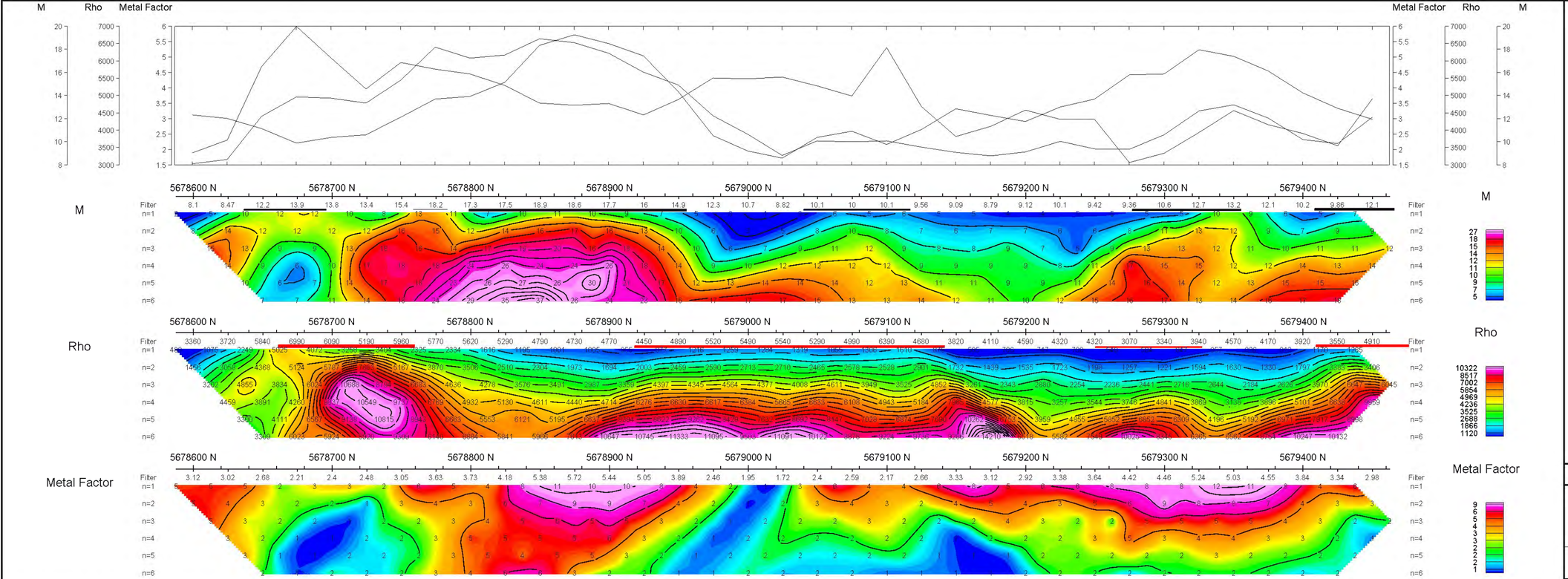
SKY LAKE GOLD PROPERTY

L668700E PICKEL LAKE AREA

Date: 08/02/2012

Interpretation: J.C. GRANT

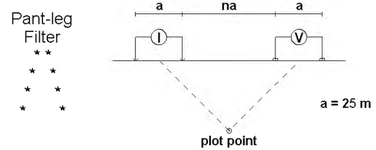
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L668800 E

Dipole-Dipole Array



INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- Low resistivity feature.
- HIGH resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

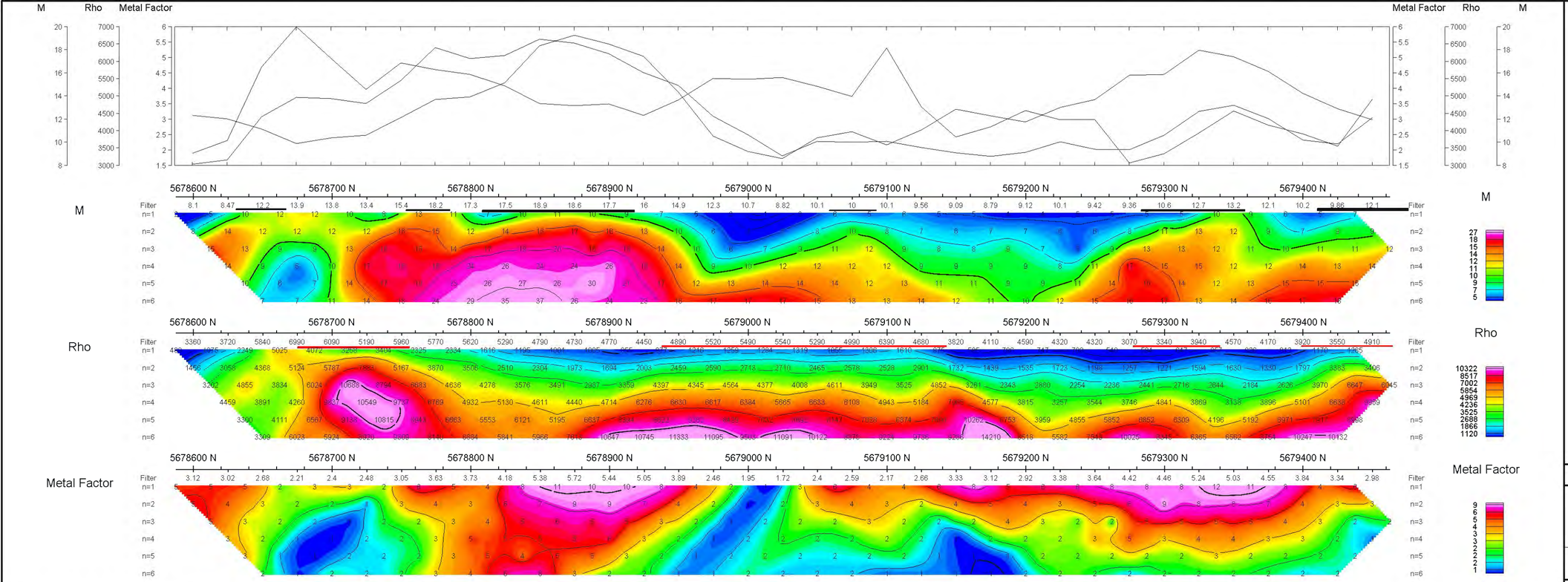
SKY LAKE GOLD PROPERTY

L668800E PICKEL LAKE AREA

Date: 08/02/2012

Interpretation: J.C. GRANT

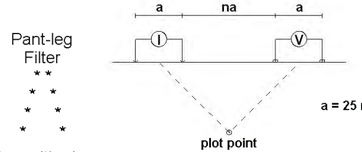
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L668800 E

Dipole-Dipole Array



Pant-leg Filter

Logarithmic Contours

1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- Low resistivity feature.
- HIGH resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

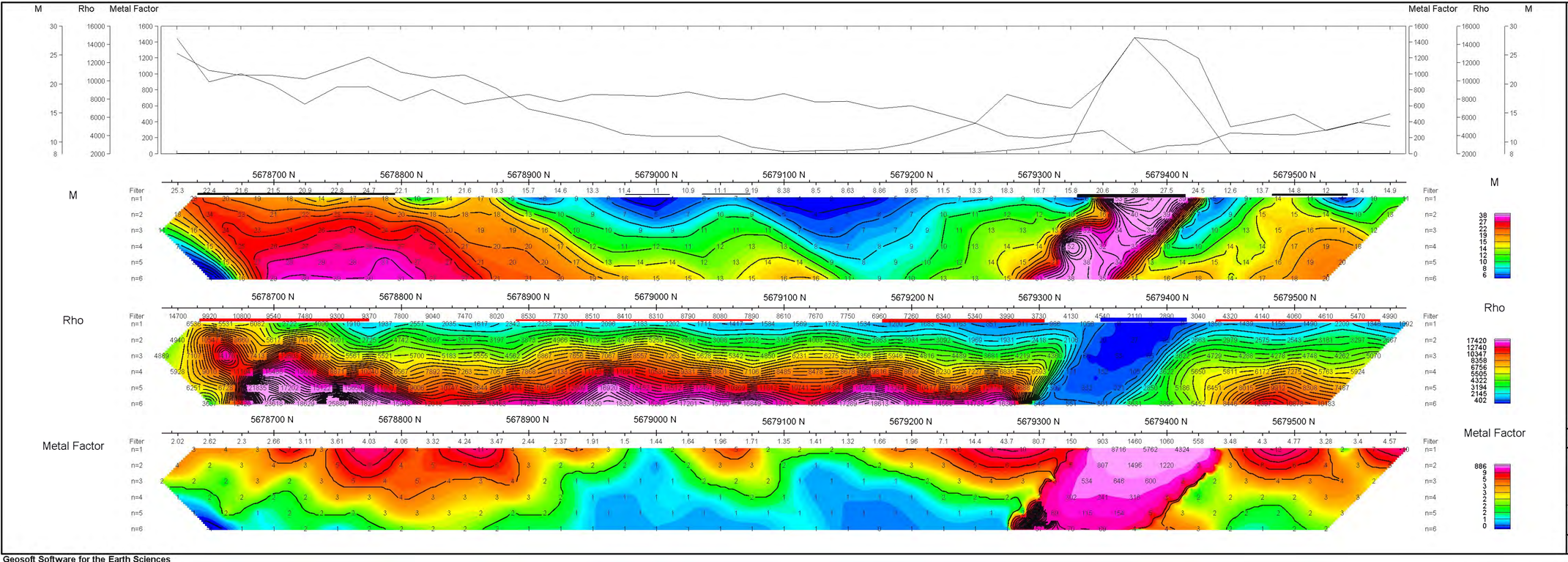
SKY LAKE GOLD PROPERTY

L668800E PICKEL LAKE AREA

Date: 08/02/2012

Interpretation: J.C. GRANT

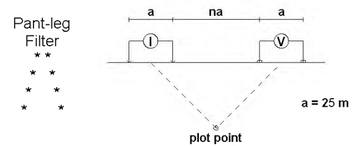
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L668900 E

Dipole-Dipole Array



INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- Low resistivity feature.
- Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

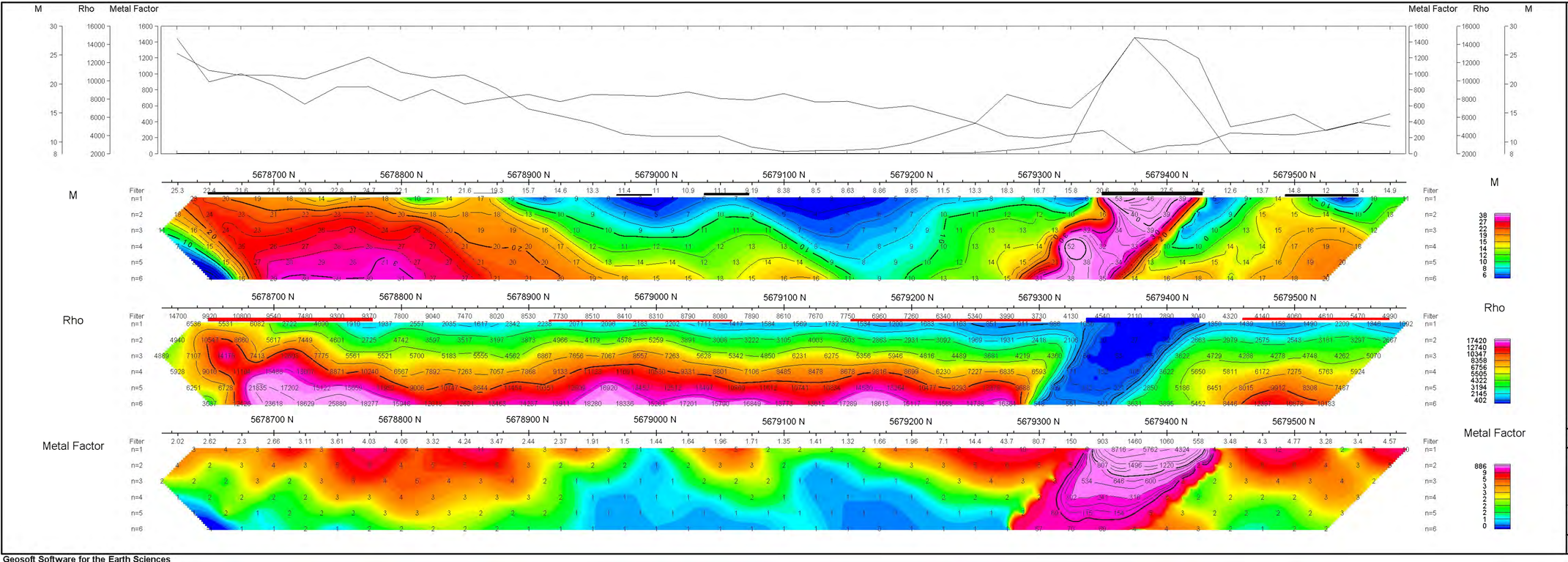
SKY LAKE GOLD PROPERTY

L668900E PICKEL LAKE AREA

Date: 08/02/2012

Interpretation: J.C. GRANT

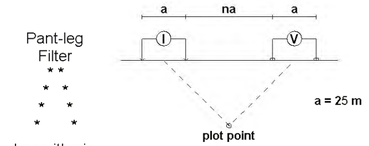
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L668900 E

Dipole-Dipole Array



Pant-leg Filter

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- ▣ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- **Low resistivity feature.**
- **HIGH resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

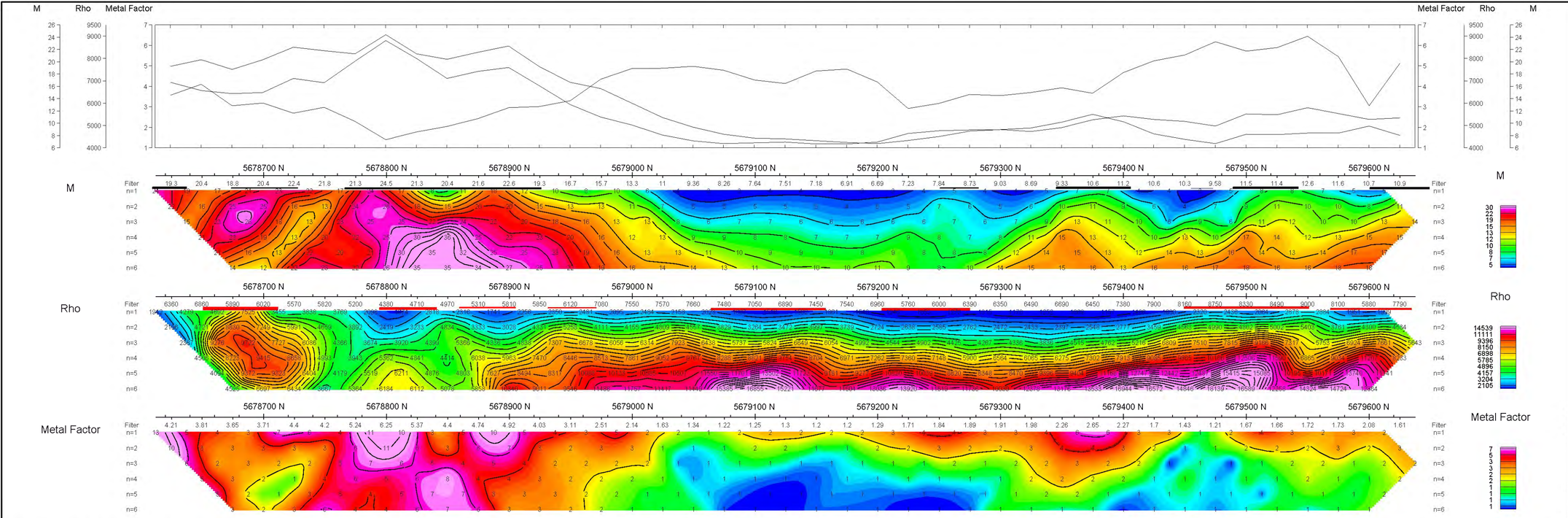
SKY LAKE GOLD PROPERTY

L668900E PICKEL LAKE AREA

Date: 08/02/2012

Interpretation: J.C. GRANT

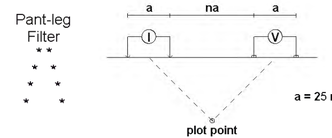
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L669000 E

Dipole-Dipole Array



INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- □ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- **Low resistivity feature.**
- **Low resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

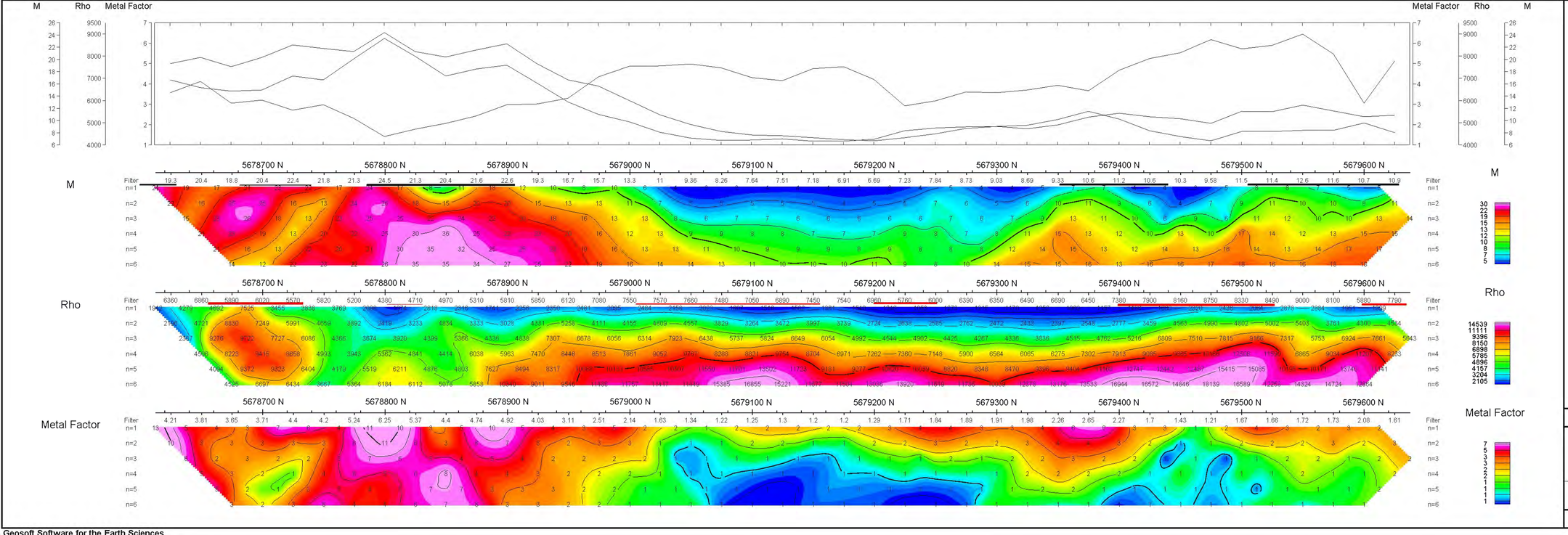
SKY LAKE GOLD PROPERTY

L669000E PICKEL LAKE AREA

Date: 08/02/2012

Interpretation: J.C. GRANT

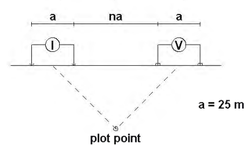
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L669000 E

Dipole-Dipole Array



Pant-leg Filter

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- Low resistivity feature.
- Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

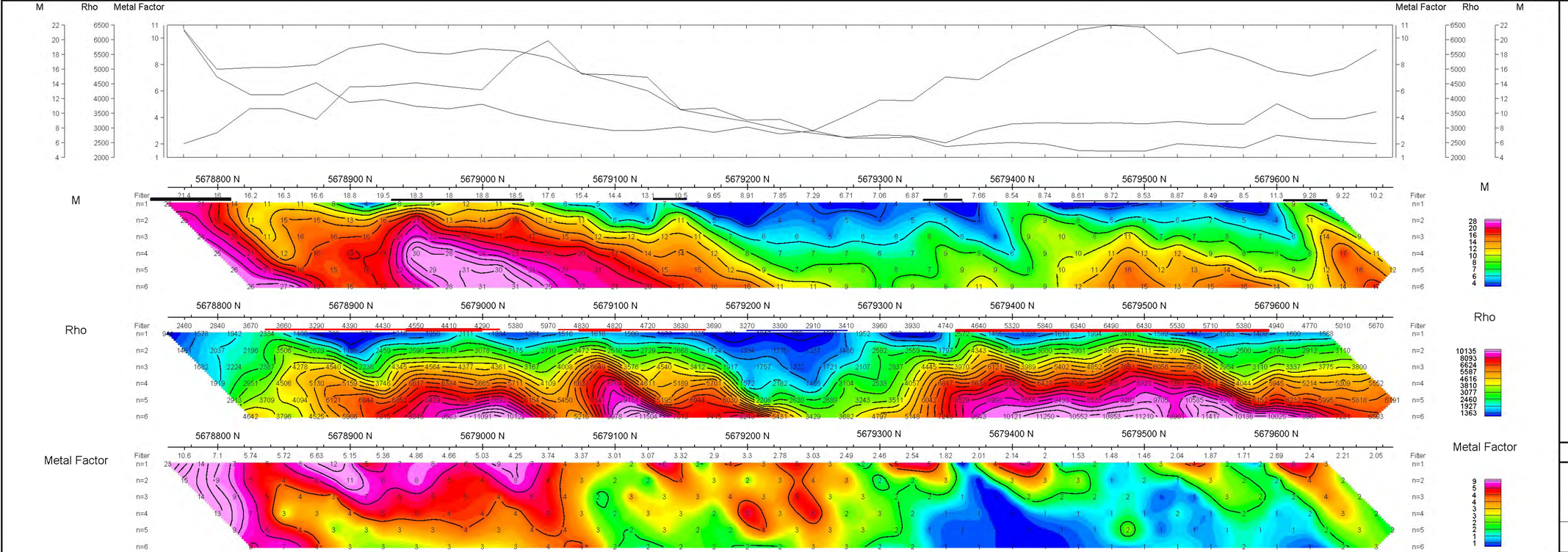
SKY LAKE GOLD PROPERTY

L669000E PICKEL LAKE AREA

Date: 08/02/2012

Interpretation: J.C. GRANT

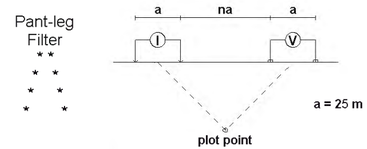
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L669100 E

Dipole-Dipole Array



INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- Low resistivity feature.
- HIGH resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

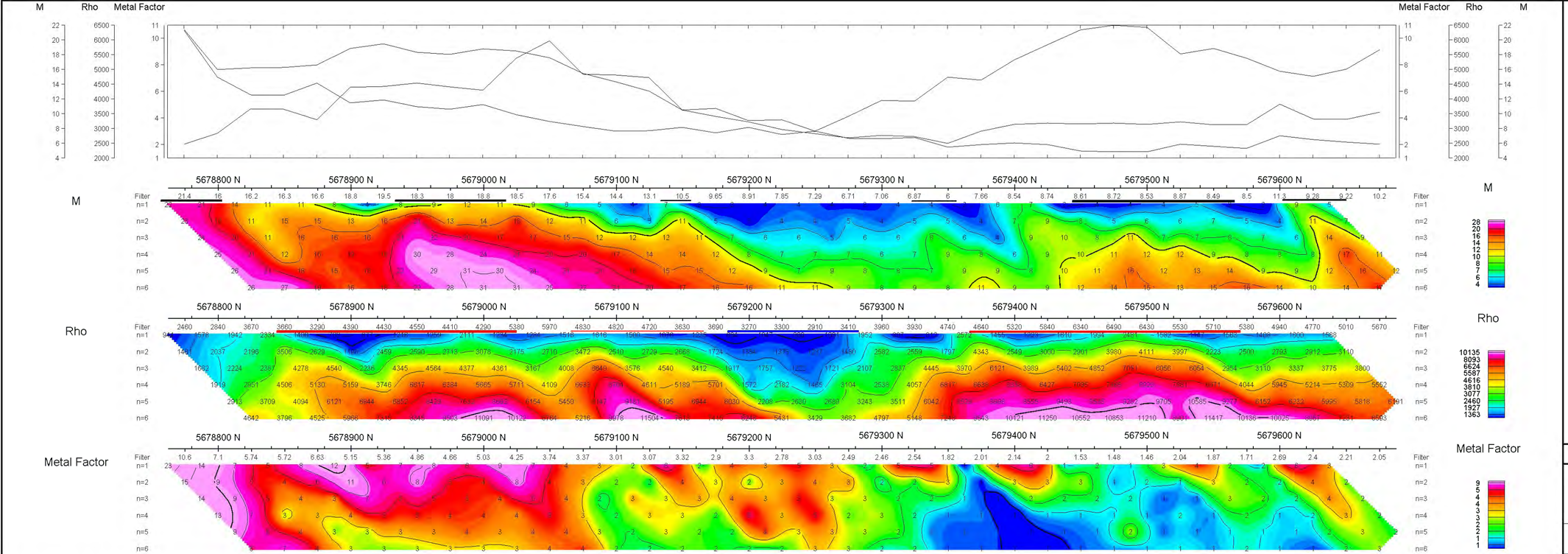
SKY LAKE GOLD PROPERTY

L669100E PICKEL LAKE AREA

Date: 10/02/2012

Interpretation: J.C. GRANT

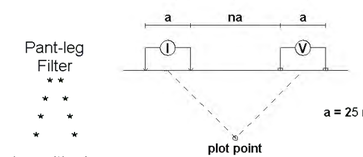
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L669100 E

Dipole-Dipole Array



Pant-leg Filter

Logarithmic Contours

1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- **Strong increase in polarization accompanied by marked decrease in resistivity.**
- **Well defined increase in polarization without marked resistivity decrease.**
- **Poorly defined polarization increase with no resistivity signature.**
- **Low resistivity feature.**
- **Low resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

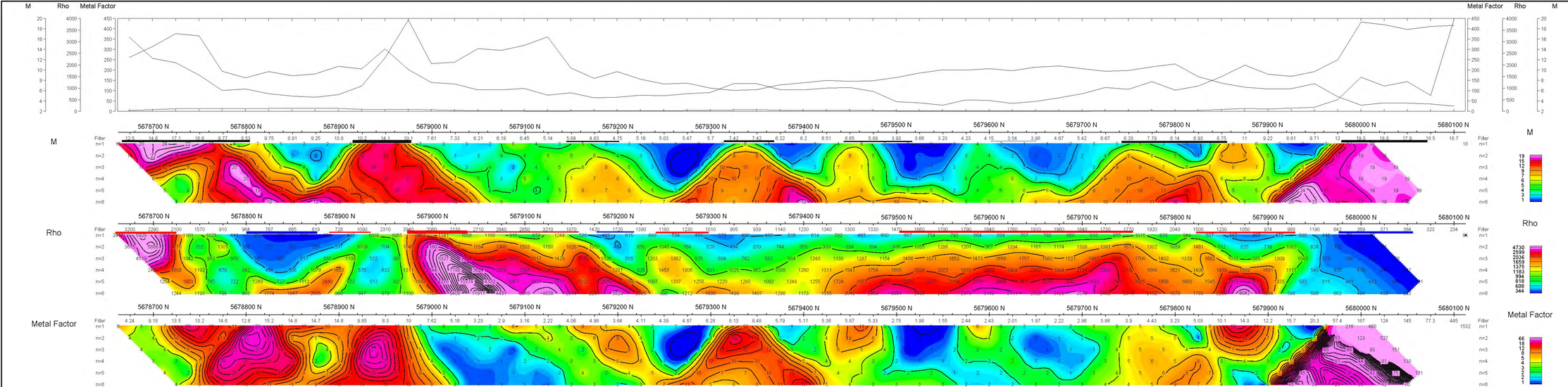
SKY LAKE GOLD PROPERTY

L669100E PICKEL LAKE AREA

Date: 10/02/2012

Interpretation: J.C. GRANT

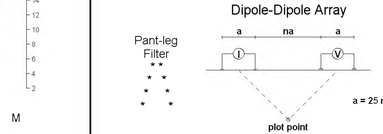
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L669200 E

Dipole-Dipole Array



INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- ▣ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

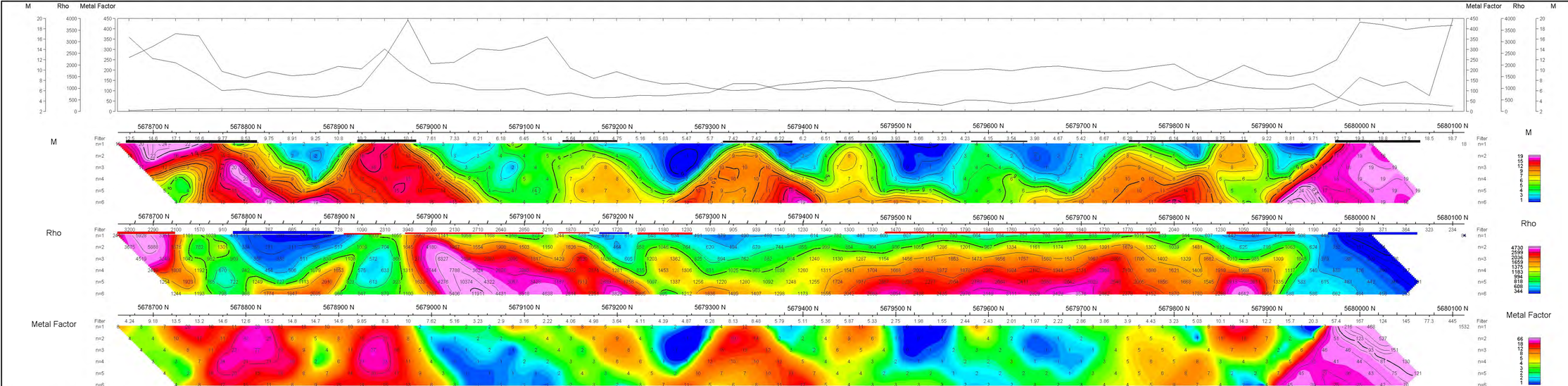
SKY LAKE GOLD PROPERTY

L669200E PICKEL LAKE AREA

Date: 10/02/2012

Interpretation: J.C. GRANT

EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L669200 E

Dipole-Dipole Array

a na a

Pant-leg Filter

a = 25 m

plot point

Logarithmic Contours

1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- **Strong increase in polarization accompanied by marked decrease in resistivity.**
- **Well defined increase in polarization without marked resistivity decrease.**
- **Poorly defined polarization increase with no resistivity signature.**
- **Low resistivity feature.**
- **HIGH resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

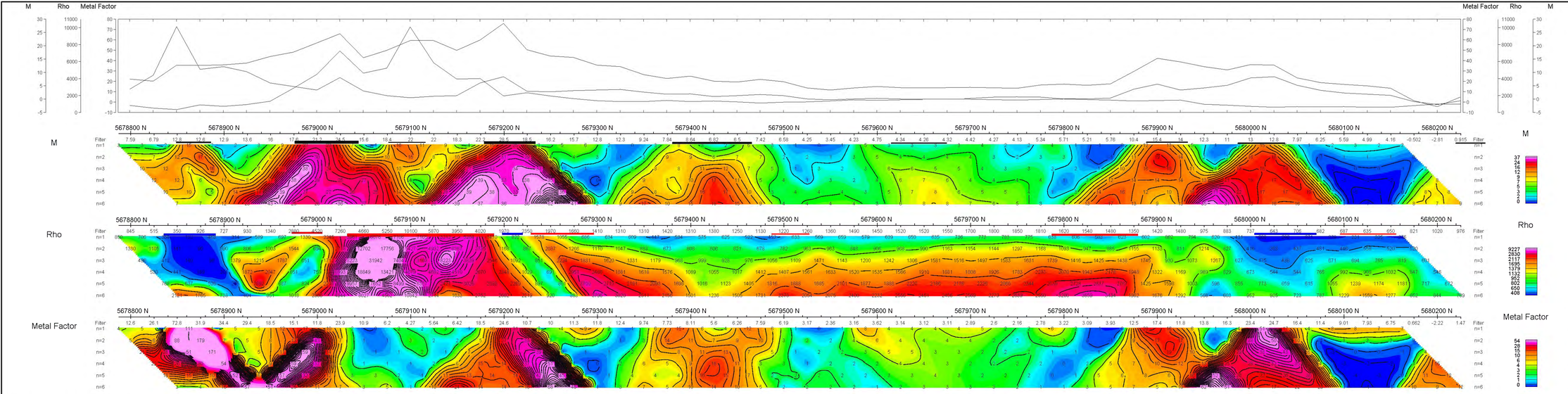
SKY LAKE GOLD PROPERTY

L669200E PICKEL LAKE AREA

Date: 10/02/2012

Interpretation: J.C. GRANT

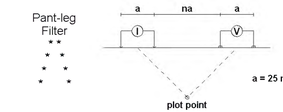
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L669400 E

Dipole-Dipole Array



INTERPRETATION

- **Strong increase in polarization accompanied by marked decrease in resistivity.**
- **Well defined increase in polarization without marked resistivity decrease.**
- **Poorly defined polarization increase with no resistivity signature.**
- **Low resistivity feature.**
- **HIGH resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

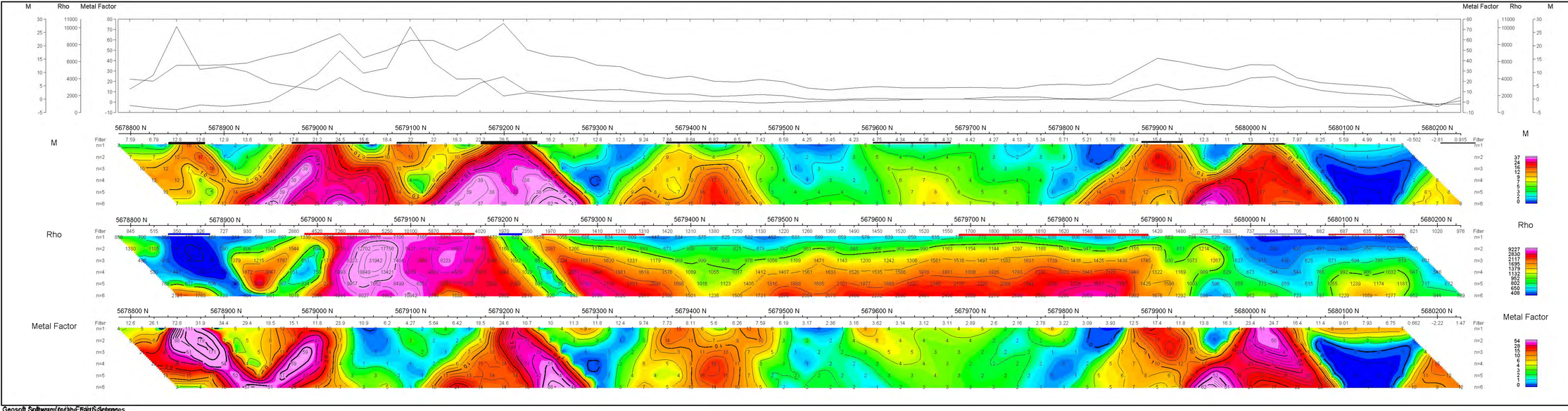
SKY LAKE GOLD PROPERTY

L669400E PICKEL LAKE AREA

Date: 13/02/2012

Interpretation: J.C. GRANT

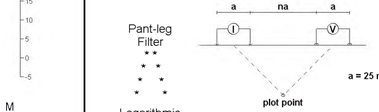
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L669400 E

Dipole-Dipole Array



Pant-leg Filter

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- **Strong increase in polarization accompanied by marked decrease in resistivity.**
- **Well defined increase in polarization without marked resistivity decrease.**
- **Poorly defined polarization increase with no resistivity signature.**
- **Low resistivity feature.**
- **HIGH resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

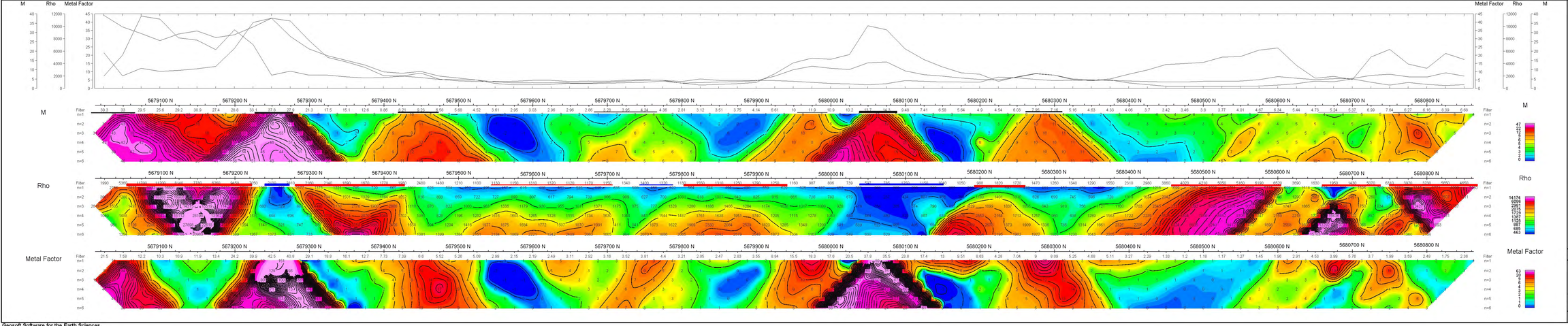
SKY LAKE GOLD PROPERTY

L669400E PICKEL LAKE AREA

Date: 14/02/2012

Interpretation: J.C. GRANT

EXSICS EXPLORATION LIMITED



Pseudo Section Plot

I669500 E

Dipole-Dipole Array

Pant-leg Filter

a = 25 m

plot point

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- Low resistivity feature.
- Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

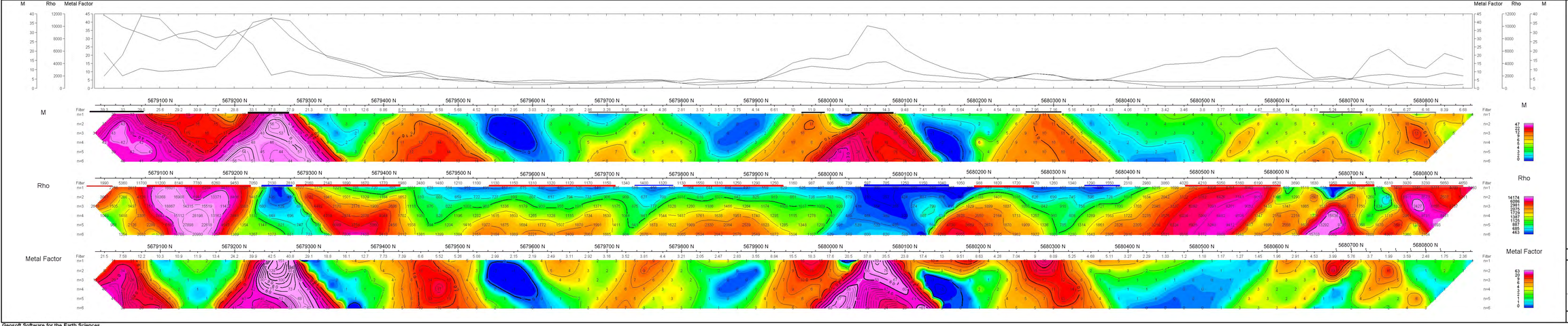
SKY LAKE GOLD PROPERTY

L669500E PICKEL LAKE AREA

Date: 15/02/2012

Interpretation: J.C. GRANT

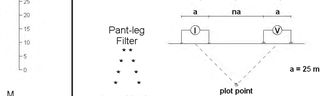
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L669500 E

Dipole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- **Strong increase in polarization accompanied by marked decrease in resistivity.**
- **Well defined increase in polarization without marked resistivity decrease.**
- **Poorly defined polarization increase with no resistivity signature.**
- **Low resistivity feature.**
- **HIGH resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

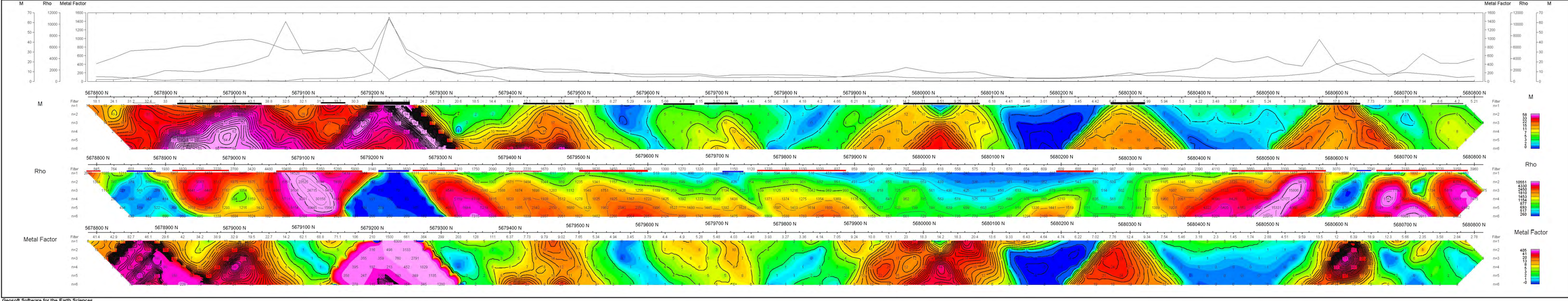
SKY LAKE GOLD PROPERTY

L669500E PICKEL LAKE AREA

Date: 14/02/2012

Interpretation: J.C. GRANT

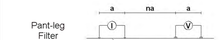
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L669600 E

Dipole-Dipole Array



INTERPRETATION

- **Strong increase in polarization accompanied by marked decrease in resistivity.**
- **Well defined increase in polarization without marked resistivity decrease.**
- **Poorly defined polarization increase with no resistivity signature.**
- **Low resistivity feature.**
- **HIGH resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

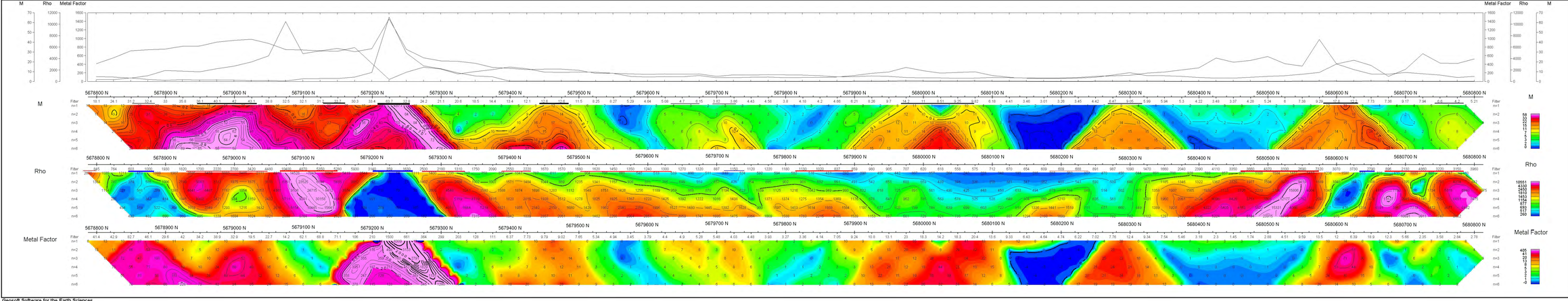
SKY LAKE GOLD PROPERTY

L669600E PICKEL LAKE AREA

Date: 01/02/2012

Interpretation: J.G. GRANT

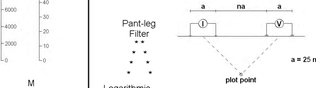
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L669600 E

Dipole-Dipole Array



Pant-leg Filter

Logarithmic Contours

1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- **Strong increase in polarization accompanied by marked decrease in resistivity.**
- **Well defined increase in polarization without marked resistivity decrease.**
- **Poorly defined polarization increase with no resistivity signature.**
- **Low resistivity feature.**
- **HIGH resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

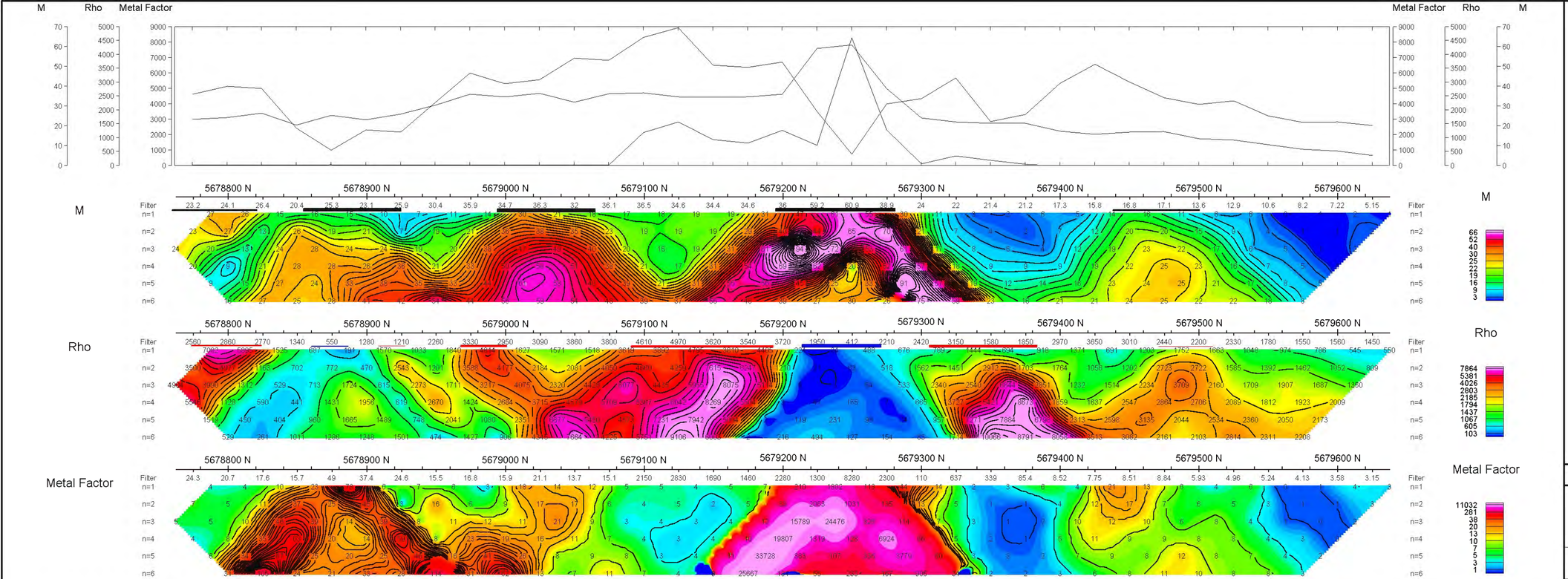
SKY LAKE GOLD PROPERTY

L669600E PICKEL LAKE AREA

Date: 02/02/2012

Interpretation: J.C. GRANT

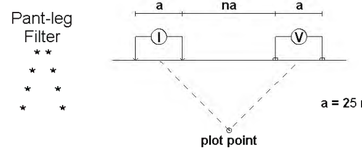
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L669700E

Dipole-Dipole Array



INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- Low resistivity feature.
- Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

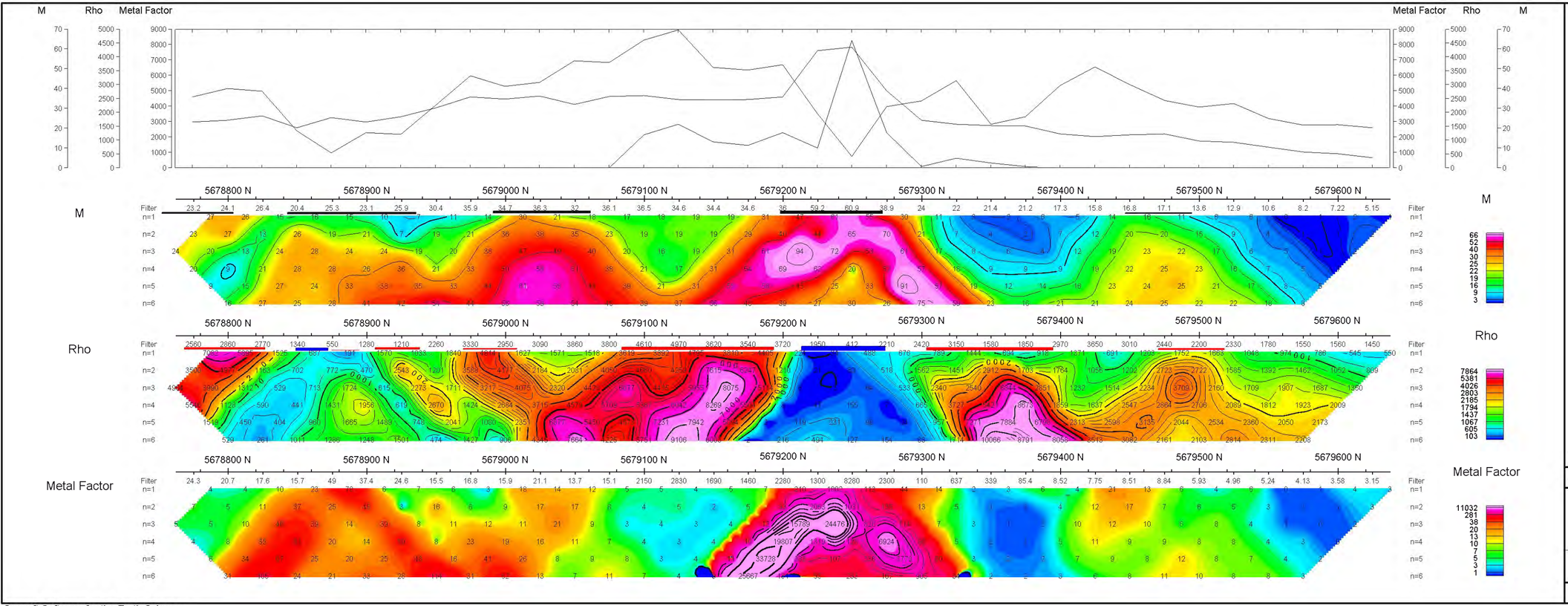
SKY LAKE GOLD PROPERTY

L669700E PICKEL LAKE AREA

Date: 15/02/2012

Interpretation: J.C. GRANT

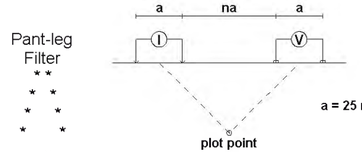
EXSICS EXPLORATION LIMITED



Pseudo Section Plot

L669700 E

Dipole-Dipole Array



Pant-leg Filter

Logarithmic Contours

1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- Low resistivity feature.
- HIGH resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

TRI ORIGIN EXPLORATION

INDUCED POLARIZATION SURVEY

SKY LAKE GOLD PROPERTY

L669700E PICKEL LAKE AREA

Date: 15/02/2012

Interpretation: J.C. GRANT

EXSICS EXPLORATION LIMITED