NUINSCO RESOURCES LTD.

Induced Polarization survey
on
Olympian Gold Project
Triggs Mine Grid area

Le May claim map G-1341
Code claim map G-1326
Kenora Mining District
Ontario

Longbow Lake area
N.T.S. 52 E / 09

REPORT

July 6, 2010 **Pierre Simoneau, geol. M.Sc.**

Project 300.01

TABLE OF CONTENTS

PAGE

1. INTRODUCTION

At the request of Mr. C. A. Wagg, P. Geo. for *Nuinsco Resources Ltd.*,an Induced Polarization survey was performed on the Triggs Mine Grid. The geophysical survey was carried out by *Géosig Inc.* and start from May 15th to May 29th, 2010 for the IP survey, and covered a new grid for a total of 23.4 km of lines. This report presents the results of the geophysical survey only.

2. PROPERTY, LOCATION AND ACCESS

The Triggs Mine grid is located in the Kenora Mining Division approximately 29 kilometres southeast of Kenora, Ontario (Figure 1). The claim blocks are primarily located just north of the western tip of Gibi Lake.

From Kenora, drive east to Highway 71. Then proceed on Highway 71 South for about 12 km. Turn westward on Witch Bay Road. The property is accessible on the west side by the Witch Bay Road and by a mining road behind a cottage that goes to the main stripped and shaft area at the baseline 0+00 on line 10+00W.

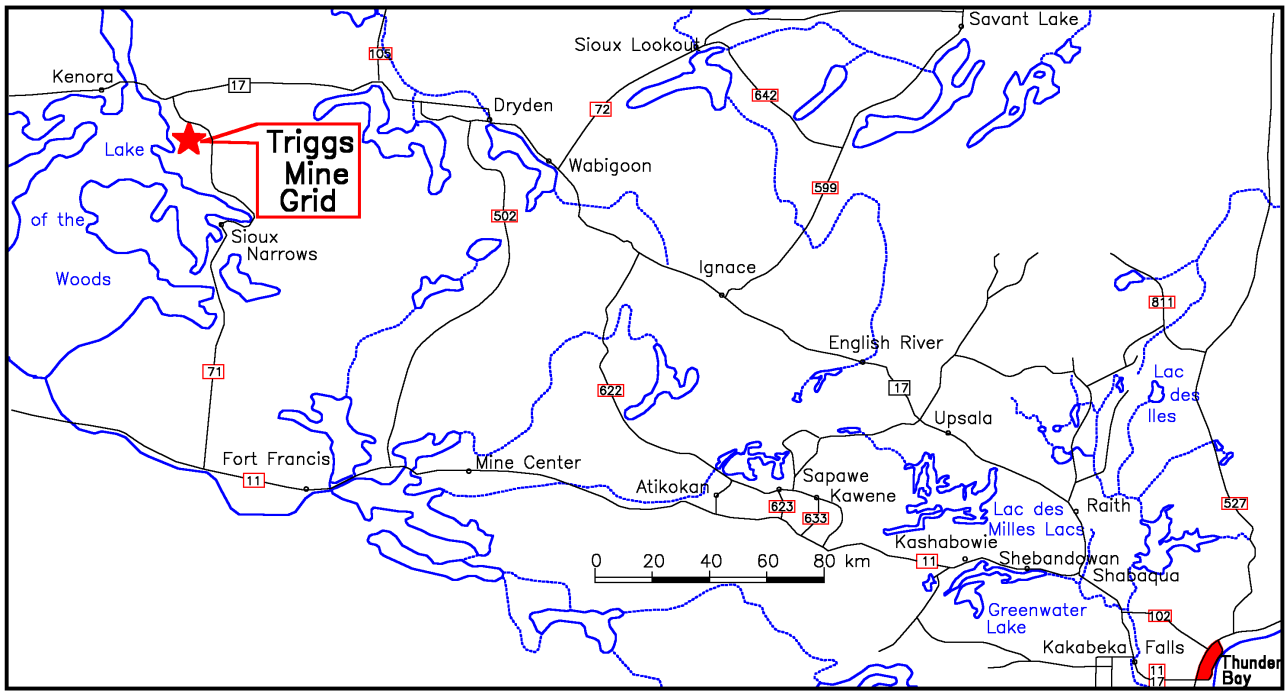


Figure 1. Localization of Triggs Mine Grid.

3. CLAIMS

The Olympian Gold Project which includes the Triggs Mine Grid is composed of 14 contiguous claim blocks and 5 claims totalling 47 claims and an option on 3 patented claims.

The Triggs Mine Grid partially covered 6 contiguous claim blocks totalling 35 units and 3 patented claims located within the Kenora Mining Division (Appendix A). The geophysical surveys covered the grid. Claim abstracts and the portion of the claim map which covers the Triggs Mine Grid are given in Appendix A.

Triggs Mine Claim Blocks

Claim Number	Township	No of Units	Hectares	Due Date
1220416	CODE	1	20	19- May- 2011
4214186	LE MAY	15	240	20- Aug- 2010
4243342	LE MAY	9	144	14- Sep- 2011
4249874	CODE	1	16	07- May- 2012
4243341	CODE	7	112	14- Sep- 2011
4249866	CODE	2	32	24- Nov- 2011

4. PERSONNEL AND INSTRUMENTATION

The I.P. survey was carried out by: Geosig Inc.

The I.P. team was composed of :

Pierre Simoneau,	chief party
Murray Hutchins,	technician
Klara Kerschner,	technician
Brian Hall,	technician
Darren Massey,	technician
Kyle Doughie,	technician

The following instruments were used for this I. P. survey :

- receiver : ELREC-6 from BRGM (Terraplus, Toronto) n/s 33
- transmitter : Tx-II 1400 W by GDD Instrumentation (Quebec) n/s 217

The description of the instruments is in the Appendix B.

The report was written by Pierre Simoneau, geol. M.Sc. who also draw the preliminary maps. The maps were finalized by Donald Saindon, geomatician.

5. PREVIOUS WORK

Government work covered the entire area. For assessment work, the previous work list covered the western section of the Manitou property.

1895-1900- J. A. Bow wrote a report in the Annual Report (R63) about the Mines of Northwestern Ontario. There was gold mining and prospecting activity in the period 1896 to 1900. Before 1897, three shallow shafts totalling 34m in depth had been sunk. From October 1897 to June 1900, the Triggs mine was operated by the Triggs Gold Mining Co. Of Ontario Ltd., who constructed a mining plant, a camp and sunk the No. 1 Vertical Shaft to a depth of 69m. The shaft followed a very rich pay streak. A 85.54 tons sample was shipped to Keewatin, Ontario. This shipment averaged 1.03 ounces of gold per ton. The Triggs property closed down in July 1900 due to lack of capital.

1949 - Rexora Mining Corp Ltd., acquired a block of 28 unpatented mining claims stretching to the south and west of the Trigg Mine. They stripped 3 quartz veins. Despite deep surface weathering, 14 grab samples assayed from 0.08 to 2.92 ounces of gold per ton.

1961 - Macassa Gold Mines drilled a total of 170m in 3 holes west and southwest of the Trigg Mine. The drilling intersected some sheared sections with pyrite and pyrrhotite but no significant gold intersections were recorded.

1972-1974- Dome Exploration (Canada) Ltd., carried out an airborne magnetic and electromagnetic survey with follow-up ground electromagnetic surveys over parts of Code and the adjoining townships in a search for base metal deposits within the volcanics. A total of 830m of diamond drilling in 9 holes to test EM conductors. Some of the conductors intersected carried traces to minor amounts of copper, zinc and lead in intercalated intermediate to felsic tuffs.

1980 - A.S. Rivett and A.D. MacTavish carried out a compilation map of aeromagnetic datas for the Gibi Lake Area on a preliminary map P 2044 of the Kenora Data Series.

1985 - Mistango Consolidated Resources Ltd. carried out a combined airborne magnetic and VLF survey on 21 claims of the Mistango group. The work was carried out by Terraquest Ltd. of Toronto along parallel flight lines spaced 100 meters apart and aligned North-South. Following this survey, a ground geological survey was done. A VLF survey found 5 VLF conductors. A program of 8 diamond drill holes totalling 940m was done. No other work was reported.

1986 - N. F. Trowell of the Ontario Geological Survey conducted a geological mapping of the Gibi Lake Area (OFR 5629).

1998 - Robert P. Etherington and his two associates (H.K. Etherington and R.L. Thompson) conducted prospecting, stripping, trenching and sampling over the property.

No other work was reported.

6. REGIONAL GEOLOGY

The area is underlain by Precambrian rocks. The Gibi Lake area is in the eastern part of the Lake of the Woods Metavolcanic-Metasedimentary Belt situated within the western part of the Wabigoon Subprovince of the Superior Province.
The supracrustal rocks consist of east to east-northeast trending metavolcanics and metasediments. Tight isoclinal folding occurred about east to east-northeast trending notheasterly plunging fold axis. These early folds were deformed and reoriented by intrusion of granitoid plutons within and bordering the greenstone assemblages. Major shearing occurred along east to east-northeast trending zones.
Occurences of gold, iron, base metals are present in the area.

7. PROPERTY GEOLOGY

The mine site is primarily underlain by basalts. The basalt formations trend northeasterly. They are crenulated into a series of antocline and synclines along northeasterly trending axes. Drilling in the vicinity of the Triggs shaft indicates that there are several interflows of tuff. One distinctly graphitic tuff interflow is host to the Triggs shaft gold bearing vein. This gold bearing vein lens is up to 0.5 meter thick as exposed in the shaft and extends vertically from the upper edge to the lower edge, a distance of about 20 to 30m. The quartz vein with some periferal pyritic mineralization follow a vertical fault trending northeasterly from the shaft. The fault mapped at the Triggs shaft was traced as a fairly continuous magnetic low.

8. FIELD WORK AND PROCEDURE

The geophysical work was contracted to ***GEOSIG INC*** .

The geophysicist moved to the property by driving from Thunder Bay to Kenora on May 15th, 2010 and worked from May 16th to May 29th, 2010.

The Triggs Mine grid extends in a 79 degrees E-NE direction with 21 degree N-NW lines from 0+00 W to 20+00W, with 100 metres between each line except for lines 9+50W and 10+50W. Most of the lines are 1000m long except lines 4+00W to 8+00W that are shorter, around 700m long. The base line intersects the grid at 0+00 in the center of the lines, making the chaining from 5+00S to 5+00N.

The IP survey covered the Triggs Mine grid for a total of 23.4 km. The IP survey was performed in the time domain mode with a standard waveform: 2 seconds ON, 2 seconds OFF. We used a dipole-dipole array, with a = 25m electrode spacing for the grid and readings were taken at every separation (n=1, 2, 3, 3, 5 and 6).

Steel pin electrodes were used for the receiver and the transmitter. On the receiver electrode spreads, stainless steel pin electrodes were used in order to improve the signal-to-noise ratio.

The Elrec-6 receiver read out chargeability (M) within 0.1 msec on ten windows, which were added up with the following formula:

<u>NORMALIZED IP CURVE (Newmont standard IP decay curve):</u>

$$N = (160M_1 K_1 + 160M_2K_2 + 160M_3K_3 + 160M_3K_3 + 160M_5K_5 + 160M_6K_6 + 160M_7K_7 + 160M_8 K_8 + 160M_9K_9 + 160M_{10}K_{10}) / 1600.$$

9. INDUCED POLARIZATION SURVEY

9.1 Purpose of the IP survey

An I. P. survey is usually done in order to detect conductive and/or polarizable materials, such as sulfides or graphite. Therefore, the survey consists in measuring the chargeability (M) and the apparent resistivity (R) along the lines studied.

Theoretically, the resistivity map should pinpoint conductive sulfides or graphite bodies. In reality, resistivity maps usually reflect variations in the conductivity and thickness of the overburden. The chargeability (M) measurements do allow the detection of sulfides or graphite bodies, either massive or disseminated, as the overburden seldom if ever shows any chargeability.

In areas of variable overburden conductivity, chargeability "anomalies", even over massive sulfide bodies, are subdued where the surface conductivities are high. Readings may be lower over sulfide bodies covered by clays (as low as 3 msec) than over non-mineralized but highly resistive volcanic outcrops (10 to 20 msec). To interpret an I.P. survey with such variations, both sets of measurements, chargeability and resistivity, must therefore be studied together. This is why we prepared normalized chargeability (NC) maps, as they reflect better the actual distribution of sulfides and other polarizable materials. Resistivity and raw chargeability maps are also drawn.

9.2 Presentation of the results

The results of the survey are presented on the 1 : 5 000 scale map no. 8821, on which we plotted the three profiles of the first separation at the following scales:

Chargeability (M)	30 msec/cm
Surface resistivity (R)	
Logarithmic scale :	1 to 1 000 000 m, 2 decades per cm 1000 W-meters centered on the line
Normalized chargeability (NC)	10 mhosec/cm

The localization of I.P. conductors is mostly based on the shape of the NC profiles which were calculated from M and R with the following formula :

$$R = \pi a * n(n+1) * (n+2) * Vp/I$$

$$NC = 9{,}58 * M/\sqrt{R}$$

where NC = Normalized chargeability in mhosec
R = Apparent resistivity in Ω-meters
M = Chargeability in msec
Vp = Primary voltage between receiver electrodes (mV)

I	=	Current transmitted, in mA
a	=	Electrode spacing, meters
n	=	number of separations
9,58	=	normalization factor

We gave the name of mhosec to the normalized chargeability as it is obtained by multiplying the conductivity (I/R) measured in mhos by the chargeability (milliseconds), or mhosec. By combining those two parameters, we created the new name, mhosec.

The resistivity, chargeability and the normalized chargeability, also at the first separation, have been contoured and they respectively appear on maps no. 8822 to 8824.

The six separations are also presented as colour contoured pseudo-sections at the 1 : 2 500 scale.

9.3 Usefulness of the Normalized Chargeability

An I. P. survey consists in measuring the primary voltage and chargeability between four electrodes, in order to predict the distribution of sulfides and other polarizable materials, such as graphite. From those two parameters, we calculate the apparent resistivity and the normalized chargeability (NC), using the formulas mentioned above. In areas of variable overburden conductivity, the application of the NC filter compensates for the high background chargeability observed in areas of high resistivity (outcrops or outcrops covered by very thin overburden) or the extremely low background chargeability observed in areas of swamps and conductive overburden.

The purpose of the exercise is to refine the NC, so that a given mass of sulfides is represented by an anomaly of, at least, very approximately the same amplitude, whatever the nature and depth of the surface overburden.

10. DESCRIPTION OF THE I.P. SURVEY

10.1 Resistivity

The apparent resistivity on this area is generally high and varies from 29 Ω-m to almost 58 000 Ω-m. Most of the time, the variation of the resistivity on an I.P. survey is associated to the thickness and the type of the overburden.

The polychrome contoured map of resistivity shows that all the high resistivity areas are representative of outcrops, ridges and hills or outcrops covered by very thin overburden. On the property, most of the anomalies have a medium to high resistivity signature on hills and often follows sides of hills.

The high resistivity areas are surrounded by lower resistivity ones, with resistivities lower than 2500 Ω-m, which, in the present case, usually are representative of areas of deeper overburden (ex: swamps).

10.2 Chargeability

On this property, the background chargeability varies with the resistivity. It generally ranges between 0,5 and 2,5 milliseconds in low resistivity areas (valleys and swamp areas) and it increases from 5 to 7.5 milliseconds in high resistivity areas.

The anomalies stand out of their respective background. The strongest horizons here are followed by anomalies IP-5, IP-6 - 7 and 8, IP-26 and 28. IP-1 and IP-21 seem to correspond to a major horizon leading directly toward the Triggs Mine area were visible gold was seen.

The strongest anomaly is IP-5 and it follows a VLF anomaly and it shows generally strong magnetic signature. Other anomalies follow VLF like IP-1, IP-20, IP-21 and IP-28. They may have Magnetic signature like IP-1, IP-21, IP-28 and IP-10.

Most of the other IP anomalies correspond to small mineralized zones carrying sulphides. Lot of quartz veins observed but almost no sulphides.

10.3 Normalized Chargeability

The background NC value is generally near 1,5 mhosec in high resistivity areas with high chargeability and around 0,5 mhosec in low resistivity areas. The application of the normalized chargeability filter shows its utility here. Indeed, the NC filter compensates for the high background chargeability observed in areas of high resistivity (outcrops or outcrops covered by very thin overburden).

With the NC value, the increase of the chargeability across the property is softened and the anomalies observed on the chargeability are becoming very low. Most of the anomalies are still visible but only 8 IP anomalies are showing a stronger response (IP-1, IP-5 to IP–8, IP-10, IP-21 and IP-28).

10.4 Description of the I.P. anomalies

Thirty-three (33) anomalies have been detected and have been numbered IP-1 to IP-33.

The IP data indicate the presence of several major strong polarizable units that strike parallel or almost parallel to the local stratigraphy. Some of these bodies appear to extend beyond the grid boundaries in both directions. Some of the IP anomalies are following weak to moderate linear magnetic highs and some correspond to VLF-EM-Fraser Filter anomaly.

The individual anomalies are described at the end of the report.

11. DISCUSSION OF THE IP RESULTS

The geophysical campaign covers a large area on the property.

All the anomalies are following the general geology. Most of the area is covered by a very thin overburden or with outcrop exposure on hills.

A long anomaly of medium intensity occurs in the northwest part of the grid just on the southern side of a swamp and creek (IP-12). It was believe that a strong VLF anomaly under the swamp could have been caused by a conductor but the IP anomaly is not strong enough to trigger a VLF anomaly. So, the conductive overburden was the VLF anomaly.

The anomalies IP-1, IP-21 and 2 start from the NE side of the grid and follow a horizon that is going directly to the Triggs Mine. IP-23 is the south continuation of the mineralized horizon.

The anomalies IP-13, IP-14 and IP-15 are in areas of old shafts and trenches with quartz veins. Only IP-13 has a slight magnetic anomaly and a shaft at 75N on line 15+00W.

Between IP-23 and IP-27, a granitic intrusion occurs. No works were done south of the granite (information given by a geologist on site). Now, we have a strong IP anomaly (IP-28) accompanied by a strong magnetic signature.

The area of IP-6, 7 and 8 gives a very strong chargeability on the southeastern corner of the grid with a strong magnetic anomaly just over IP-7.

At last, the strongest anomaly of the property is IP-5, which is accompanied by low resistivity on line 5+00W at the baseline. Most of the anomaly follows a VLF and a magnetic signature that shows a change of direction for the geology in the eastern section of the grid.

12. CONCLUSION

The geophysical campaign gave interesting information about this property.

Encouraging results shown that 33 IP anomalies were identified across the Triggs Mine Grid.

Some of the anomalies are strong and seems to be consistent from one line to another and could be consider interesting for exploration. The grid warrants further detailed work in order to identify targets meriting drill testing.

13. RECOMMENDATIONS

Most of the area is covered by a very thin overburden, making an exploration program very easy to perform. A trenching and sampling program should be performed in order to expose the better anomalies. The area of IP-1, 20 and 21 should be the main target area since it is in line with the Triggs Mine.

Some of the IP anomalies that have not been previously trenched should be checked. There is enough sub outcrop areas along the anomalies and good targets for trenching and stripping to expose all areas of interest located by the IP surveys.

Detailed mapping, prospecting, rock chip sampling along strike extensions of zones of interest should be considered.

Based on the results of the above, a diamond drilling program should be considered in order to test high-priority anomalous zones.

List of maps

#	Title	Grid	Scale
8821	PP Profiles and Posting	Triggs Mine	1 : 5 000
8822	Resistivity Contours	Triggs Mine	1 : 5 000
8823	Chargeability Contours	Triggs Mine	1 : 5 000
8824	Normalized Chargeability Contours	Triggs Mine	1 : 5 000

Description table of IP anomalies – Triggs Mine Grid

#	From Ln/Stn	To Ln/Stn	Length (m)	Target Ln/Stn	IP (msec) / back	Resis. (Ω-m) / back	NC (mhosec) / back	Proba-bility	Prio-rity	Comments NC = normalized chargeability
IP-1	4+00W 4+62N	0+00N 12+37W	850	5+00W 4+12.5N	32 / 6	917 / > 4k ↓	10 / 1.0	0.9	1	Strong increase of IP associated to a strong drop of resistivity. Possible extension to the NE. Crosses a High Mag. VLF-Fraser association.
IP-2	5+00W 2+75N	6+00W 1+87.5N	100	6+00W 1+87.5N	24 / 6	5.5k / complex	3.0 / 1.0	0.8	1	Quite strong and well defined increase of IP in a complex resistivity area. Mag association.
IP-3	1+00W 1+87S	1+00W 1+87S	-	1+00W 1+87S	22 / 6	1.5k / complex	5.4 / 0.6	0.6	2	Good increase of IP in a complex resistivity area. Located in a high Mag horizon. Integrates the responses of neighbouring anomalies.
IP-4	4+00W 2+00N	7+00W 0+37.5S	300	4+00W 2+00N	24 / 6	465 / complex	11 / 1.0	0.9	1	Quite strong IP anomaly in a complex resistivity area. Located in a high Mag horizon.
IP-5	1+00W 1+25S	9+00W 1+62S	800	5+00W 0+00N	44 / 6	47 / > 3.5k ↓	61 / 1.0	0.9	1	Very strong increase of IP associated to a very strong drop of resistivity. Strong conductor. High Mag and VLF-Fraser association.
IP-6	0+00W 2+87S	1+00W 2+50S	100	1+00W 2+50S	38 / 6	75 / > 3k ↓	42 / 0.6	0.9	1	Very strong increase of IP associated to a very strong drop of resistivity. Strong conductor. In a low Mag. VLF-Fraser association. Open East.
IP-7	0+00W 3+87S	6+00W 1+00S	600	1+00W 3+12S	51 / 6	1.2k / > 3k ↓	14 / 0.6	0.9	1	Very strong pant legs shaped increase of IP associated to a very strong drop of resistivity on L1W. Crosses High Mags. Open East.
IP-8	0+00W 2+87S	2+00W 3+62S	200	2+00W 3+62S	10 / 3.5	582 / gradient ↓	4.1 / 0.6	0.9	1	Moderate well defined increase of IP on a resistivity gradient. Located in a High Mag. Open East.
IP-9	18+00W 4+62N	19+00W 4+37N	100	18+00W 4+62N	34 / 5	500 / > 5k ↓	14 / 0.5	0.9	1	Very strong increase of IP associated to a very strong drop of resistivity. Strong conductor. Located in a High Mag. Open East. VLF-Fraser association.
IP-10	16+00W 4+62N	20+00W 3+00N	400	18+00W 3+87N	39/ 5	119 / > 5k ↓	34 / 0.5	0.9	1	Very strong increase of IP associated to a very strong drop of resistivity. Strong conductor. Located in a High Mag. Open both sides. VLF-Fraser association. Integrates the responses of IP-9.
IP-11	19+00W 1+50N	20+00W 1+37N	100	19+00W 1+50N	59/ 3.5	749 / > 5k ↓	21 / 0.5	0.9	1	Very strong increase of IP associated to a very strong drop of resistivity. Crosses a High Mag. Open West. Integrates the responses of IP-12.

Description table of IP anomalies – Triggs Mine Grid

#	From Ln/Stn	To Ln/Stn	Length (m)	Target Ln/Stn	IP (msec) / back	Resis. (Ω-m) / back	NC (mhosec) / back	Proba-bility	Prio-rity	Comments NC = normalized chargeability
IP-12	13+00W 4+00N	20+00W 0+37.5N	700	18+00W 1+37.5N	26 / 5	340 / > 3k ↓	14 / 0.5	0.9	1	Strong and well defined increase of IP associated to a good drop of resistivity. Open West. Association with a VLF-Fraser on the west half only.
IP-13	15+00W 0+62N	0+00N 16+62W	150	15+00W 0+62N	31 / 5	1.6k / gradient	7.5 / 0.3	0.9	1	Strong increase of IP on a resistivity gradient suggesting a contact zone. Located in a High Mag. On a VLF-Fraser contact.
IP-14	12+00W 1+12.5N	0+00W 14+12W	200	0+00W 14+12W	20 / 3.5	5.8k / complex	2.4 / 0.3	0.6	2	Moderate to weak IP anomaly in complex resistivity pattern.
IP-15	13+00W 0+37S	17+00W 1+87S	400	14+00W 0+50S	31 / 2.5	6.8k / > 19k ↓	3.6 / 0.5	0.1	2	Strong and well defined increase of IP associated to a good drop of resistivity. Low Mag on the target line. On strike with IP-1.
IP-16	17+00W 2+50S	18+00W 3+12S	100	18+00W 3+12S	11 / 3.5	6.8k / complex	1.3 / 0.4	0.3	3	Weak and not well defined IP increase in a complex resistivity pattern.
IP-17	8+00W 3+25N	8+00W 3+25N	-	8+00W 3+25N	18 / 5	18k / uniform	1.2 / 0.3	0.3	3	Moderate to weak isolated increase of IP in high resistivity area. Located in a weak High Mag.
IP-18	10+00W 2+37N	13+00W 1+75N	300	10+00W 2+37N	26 / 3.5	7.1k / complex	2.9 / 0.6	0.5	2	Obvious but not well defined increase of IP in complex resistivity pattern. On strike with IP-13 & IP-17. Integrates the responses of neighbouring anomalies.
IP-19	10+50W 1+75N	10+50W 1+75N	-	10+50W 1+75N	21 / 6	7.1k / complex ↓	2.3 / 0.5	0.5	2	Moderate increase of IP associated to a weak drop of resistivity in a complex resistivity pattern. In a lower Mag. Strongly integrates the responses of IP-18.
IP-20	8+00W 1+62N	0+00N 11+37W	350	11+00W 0+12S	25 / 6	1.7k/ > 6k ↓ complex	5.9 / 0.6	0.9	1	Good and well defined (L11W) increase of IP associated to a drop of resistivity in a complex resistivity pattern. VLF-Fraser association.
IP-21	6+00W 2+75N	0+00N 9+37W	325	7+00W 1+62.5N	31 / 7	1.5k / > 10k ↓	7.6 / 0.6	0.9	1	Strong increase of IP associated to a good drop of resistivity. Crosses High Mags. Associated to VLF-Fraser.
IP-22	7+00W 0+25N	8+00W 0+37.5S	100	0+00N 7+37.5W	22 / 7	9.2k / complex	2.2 / 0.5	0.6	2	Moderate and evident increase of IP in a complex resistivity area. Crosses a High Mag horizon.

Description table of IP anomalies – Triggs Mine Grid

#	From Ln/Stn	To Ln/Stn	Length (m)	Target Ln/Stn	IP (msec) / back	Resis. (Ω-m) / back	NC (mhosec) / back	Proba-bility	Prio-rity	Comments NC = normalized chargeability
IP-23	0+00N 8+37W	15+00W 2+00S	650	9+50W 0+75S	31/5	1.4k / > 3.5k ↓	8.0 / 0.5	0.9	1	Very strong increase of IP associated to good drop of resistivity. Crosses High Mags. On strike with IP-2 and IP-16.
IP-24	12+00W 2+75S	14+00W 2+62.5S	200	12+00W 2+75S	18 / 3.5	14k / uniform	1.4 / 0.5	0.3	3	Weak IP anomaly in a high resistivity area. Not well defined. Integrates responses of neighbouring anomalies.
IP-25	11+00W 3+75S	12+00W 3+75S	100	11+00W 3+75S	25 / 4	4.5k / uniform	3.5 / 0.9	0.8	1	Strong pant legs shaped increase of IP in moderate uniform resistivity area. Integrates strongly the response of IP-26.
IP-26	10+50W 3+62S	12+00W 3+75S	150	11+00W 4+00S	32 / 4	2.6k / uniform	5.9 / 0.9	0.9	1	Very strong pant legs shaped increase of IP in moderate uniform resistivity area. Integrates strongly the response of neighbouring anomalies. On the flank of a High Mag horizon.
IP-27	8+00W 2+50S	10+50W 4+12S	250	8+00W 2+50S	31 / 7	6.8k / Complex	3.5 / 0.6	0.8	1	Strong increase of IP in a complex resistivity pattern. Crosses High Mags. VLF-Fraser association.
IP-28	9+00W 4+00S	10+50W 4+37S	150	10+00W 4+25S	34 / 3.5	48 / > 3.5k ↓	48 / 0.6	0.9	1	Very strong increase of IP associated to a very strong drop of resistivity. Possible extension to the East. High Mag and VLF-Fraser association.
IP-29	0+00W 3+25N	4+00W 3+87.5N	400	0+00W 3+25N	16 / 5	2.9k / complex	2.9 / 0.6	0.5	3	Moderate to weak increase of IP in complex resistivity on target line. Weak an asymmetric increase of IP elsewhere. Open East.
IP-30	2+00W 1+87N	4+00W 0+87N	200	3+00W 1+37N	17 / 5	3.2k/ complex	2.8 / 0.6	0.5	2	Large moderate increase of IP in a complex resistivity pattern.
IP-31	2+00W 0+50N	0+00N 3+12.5W	125	3+00W 0+25N	25 / 7	5.9k / complex ↓	3.0/ 0.6	0.8	1	Quite strong increase of IP with a weak drop of resistivity in complex resistivity pattern. Crosses a High Mag.

Description table of IP anomalies – Triggs Mine Grid

#	From Ln/Stn	To Ln/Stn	Length (m)	Target Ln/Stn	IP (msec) / back	Resis. (Ω-m) / back	NC (mhosec) / back	Proba-bility	Prio-rity	Comments NC = normalized chargeability
IP-32	0+00N 2+37W	0+00N 2+37W	-	0+00N 2+37W	22 / 7	3.2k / > 9k ↓	3.6 / 0.6	0.7	2	Good increase of IP associated to good drop of resistivity. On a High Mag contact.
IP-33	0+00W 0+00N	2+00W 0+37S	200	0+00W 0+00N	13 / 7	4.6k / complex	1.7 / 0.5	0.4	2	Weak but obvious increase of IP in complex resistivity. Coming out of High Mag horizon. Open West.

CERTIFICATE of QUALIFICATIONS

I, Pierre Simoneau of 430 York Street, Thunder Bay, Ontario, hereby certify:

1. I am a graduate of University of Quebec at Chicoutimi (1987) with a Master degree in Earth Sciences M.Sc.
2. I have been employed as an exploration geologist and geophysicist on a full time basis since 1987, prior to that as a geological assistant for four field seasons.
3. I am presently employed as a project geophysicist and geologist with GÉOSIG Inc. of 860 Chaudière Blvd., Québec (Sainte-Foy), Québec.
4. I own no direct, indirect or expect to receive any contingent interests in the subject property or shares or securities of Nuinsco Resources Ltd.
5. The information contained in this report was obtained from geophysical survey on the property carried out by Géosig Inc. and information obtained from the Assessment files.
6. I am a member of the Association of Professional Geoscientist of Ontario (APGO), the Order of Geologists of Québec (OGQ # 178), a member of the (NWOPA) Northwestern Ontario Prospector Association and a member of the CIM.
7. I have disclosed in this report all relevant material which, to the best of my knowledge, might have a bearing on the viability of the project and the recommendations presented.
8. I consent to the use of this report by Nuinsco Resources Ltd. for any Filing Statement, Statement of Material Facts, Prospectus, filing of assessment work of for any other reason deemed necessary by the company,

Pierre Simoneau, P. Geo. M.Sc.

Géosig Inc.

Dated at Thunder Bay, Ontario, this 8th day of July, 2010

Ontario

MINISTRY OF NORTHERN DEVELOPMENT,
MINES AND FORESTRY

Mining Claim Client Reports

KENORA Mining Division - 407027 - BURT, JON MICHEAL

Township/Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
CODE	4243341	2009-Sep-14	2011-Sep-14	A	100 %	$ 2,800	$ 0	$ 0	$ 0
CODE	4245396	2009-Sep-14	2011-Sep-14	A	100 %	$ 1,600	$ 0	$ 0	$ 0
CODE	4249851	2009-Oct-06	2011-Oct-06	A	100 %	$ 1,200	$ 0	$ 0	$ 0
CODE	4249852	2009-Oct-06	2011-Oct-06	A	100 %	$ 1,600	$ 0	$ 0	$ 0
CODE	4249853	2009-Oct-06	2011-Oct-06	A	100 %	$ 1,600	$ 0	$ 0	$ 0
CODE	4249854	2009-Oct-06	2011-Oct-06	A	100 %	$ 1,600	$ 0	$ 0	$ 0
CODE	4249865	2009-Nov-24	2011-Nov-24	A	100 %	$ 1,600	$ 0	$ 0	$ 0
CODE	4249866	2009-Nov-24	2011-Nov-24	A	100 %	$ 800	$ 0	$ 0	$ 0
CODE	4249870	2009-Nov-24	2011-Nov-24	A	100 %	$ 1,600	$ 0	$ 0	$ 0
CODE	4249872	2009-Dec-29	2011-Dec-29	A	100 %	$ 2,800	$ 0	$ 0	$ 0
CODE	4249873	2010-Apr-15	2012-Apr-15	A	100 %	$ 400	$ 0	$ 0	$ 0
CODE	4249874	2010-May-07	2012-May-07	A	100 %	$ 400	$ 0	$ 0	$ 0
LE MAY	4243342	2009-Sep-14	2011-Sep-14	A	100 %	$ 3,600	$ 0	$ 0	$ 0
LE MAY	4249871	2009-Nov-24	2011-Nov-24	A	100 %	$ 4,800	$ 0	$ 0	$ 0

Ontario

MINISTRY OF NORTHERN DEVELOPMENT,
MINES AND FORESTRY

Mining Claim Client Reports

KENORA Mining Division - 130013 - ETHERINGTON, ROBERT PAUL

Township/Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
CODE	1220416	1998-May-19	2011-May-19	A	100 %	$ 500	$ 9,100	$ 0	$ 0

Ontario

MINISTRY OF NORTHERN DEVELOPMENT,
MINES AND FORESTRY

Mining Claim Client Reports

KENORA Mining Division - 143039 - HEALEY, DAVID RAYMOND

Township/Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
LE MAY	4214186	2008-May-23	2010-Aug-20	A	100 %	$ 6,000	$ 0	$ 0	$ 0
LE MAY	4214187	2008-May-23	2010-Aug-20	A	100 %	$ 3,600	$ 0	$ 0	$ 0

Ontario

MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

Mining Claim Abstract

KENORA - Division 10		Claim No: K 1220416		Status: ACTIVE
Due Date:	2011-May-19	**Recorded:**	1998-May-19	
Work Required:	$ 500	**Staked:**	1998-May-04 18:15	
Total Work:	$ 9,100	**Township/Area:**	CODE (G-1326)	
Total Reserve:	$ 0	**Lot Description:**		
Present Work Assignment:	$ 0	**Claim Units:**	2	
Claim Bank:	$ 0			

Claim Holders

Recorded Holder(s) Percentage	Client Number
ETHERINGTON, ROBERT PAUL (100.00 %)	130013

Transaction Listing

Type	Date	Applied	Description	Performed	Number
STAKER	1998-May-19		RECORDED BY ETHERINGTON, ROBERT PAUL (H11398)		R9810.00095
OTHER	1998-Dec-29		WORK PERFORMED (ASSAY, OTHER, PROSP, PTRNCH) APPROVED: 1999-MAR-29	$ 5,300	Q9810.00155
WORK	1998-Dec-29	$ 4,000	WORK APPLIED APPROVED: 1999-MAR-29		W9810.00155
OTHER	2000-Mar-06		WORK PERFORMED (GEOL, PROSP, PSTRIP) APPROVED: 2000-MAR-29	$ 3,800	Q0010.00028
WORK	2004-Jan-19	$ 1,300	WORK APPLIED		W0410.00104
WORK	2004-Jan-19	$ 2,700	WORK APPLIED		W0410.00103
WORK	2009-Nov-19	$ 1,100	WORK APPLIED		W0910.02825

Claim Reservations

01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
06 Excluding road

Ontario

MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

Mining Claim Abstract

KENORA - Division 10		Claim No: K 4214186		Status: ACTIVE
Due Date:	2010-Aug-20	**Recorded:**	2008-May-23	
Work Required:	$ 6,000	**Staked:**	2008-May-08 17:55	
Total Work:	$ 0	**Township/Area:**	LE MAY (G-1341)	
Total Reserve:	$ 0	**Lot Description:**		
Present Work Assignment:	$ 0	**Claim Units:**	15	
Claim Bank:	$ 0			

Claim Holders

Recorded Holder(s) Percentage	Client Number
HEALEY, DAVID RAYMOND (100.00 %)	143039

Transaction Listing

Type	Date	Applied	Description	Performed	Number
STAKER	2008-May-23		RECORDED BY BJORKMAN, JESSICA LEE (E34360)		R0810.03220
STAKER	2008-May-23		BJORKMAN, JESSICA LEE (303924) RECORDS 100.00 % IN THE NAME OF HEALEY, DAVID RAYMOND (143039)		R0810.03221
ORDER	2010-May-20		MINISTER'S ORDER EXTENDS TIME UNTIL AND INCLUDING 2010-AUG-20 FOR WORK AND FILING THEREOF		O1010.00167

Claim Reservations

01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water
06 Excluding road
13 Excluding Hydro right of way

Ontario

MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

Mining Claim Abstract

KENORA - Division 10		Claim No: K 4214187		Status: ACTIVE
Due Date:	2010-Aug-20	**Recorded:**	2008-May-23	
Work Required:	$ 3,600	**Staked:**	2008-May-09 13:15	
Total Work:	$ 0	**Township/Area:**	LE MAY (G-1341)	
Total Reserve:	$ 0	**Lot Description:**		
Present Work Assignment:	$ 0	**Claim Units:**	9	
Claim Bank:	$ 0			

Claim Holders

Recorded Holder(s) Percentage	Client Number
HEALEY, DAVID RAYMOND (100.00 %)	143039

Transaction Listing

Type	Date	Applied	Description	Performed	Number
STAKER	2008-May-23		RECORDED BY BJORKMAN, JESSICA LEE (E34360)		R0810.03220
STAKER	2008-May-23		BJORKMAN, JESSICA LEE (303924) RECORDS 100.00 % IN THE NAME OF HEALEY, DAVID RAYMOND (143039)		R0810.03221
ORDER	2010-May-20		MINISTER'S ORDER EXTENDS TIME UNTIL AND INCLUDING 2010-AUG-20 FOR WORK AND FILING THEREOF		O1010.00167

Claim Reservations

01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water
06 Excluding road

Ontario

MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

Mining Claim Abstract

KENORA - Division 10		Claim No: K 4243341		Status: ACTIVE
Due Date:	2011-Sep-14	**Recorded:**	2009-Sep-14	
Work Required:	$ 2,800	**Staked:**	2009-Aug-27 16:32	
Total Work:	$ 0	**Township/Area:**	CODE (G-1326)	
Total Reserve:	$ 0	**Lot Description:**		
Present Work Assignment:	$ 0	**Claim Units:**	7	
Claim Bank:	$ 0			

Claim Holders

Recorded Holder(s) Percentage	Client Number
BURT, JON MICHEAL (100.00 %)	407027

Transaction Listing

Type	Date	Applied	Description	Performed	Number
STAKER	2009-Sep-14		RECORDED BY BURT, JON MICHEAL (1007312)		R0910.02947

Claim Reservations

01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water
06 Excluding road
11 Excluding railway right of way

Ontario

MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

Mining Claim Abstract

KENORA - Division 10		Claim No: K 4243342		Status: ACTIVE
Due Date:	2011-Sep-14	**Recorded:**	2009-Sep-14	
Work Required:	$ 3,600	**Staked:**	2009-Aug-17 18:32	
Total Work:	$ 0	**Township/Area:**	LE MAY (G-1341)	
Total Reserve:	$ 0	**Lot Description:**		
Present Work Assignment:	$ 0	**Claim Units:**	9	
Claim Bank:	$ 0			

Claim Holders

Recorded Holder(s) Percentage	Client Number
BURT, JON MICHEAL (100.00 %)	407027

Transaction Listing

Type	Date	Applied	Description	Performed	Number
STAKER	2009-Sep-14		RECORDED BY BURT, JON MICHEAL (1007312)		R0910.03427
ORDER	2009-Nov-10		RECORDER'S ORDER. NOTICE OF COMPLIANCE DUE ON OR BEFORE 2010-FEB-08		D0910.00545
ORDER	2010-Mar-17		RECORDER EXTENDS DATE FOR COMPLIANCE WITH ORDER D091000545 TO 2010-APR-30		D1010.00093
ORDER	2010-Apr-13		NOTICE OF COMPLIANCE WITH ORDER (D091000545) RECEIVED		D1010.00183
MISC	2010-Apr-26		CLAIM UNITS HAVE CHANGED		M1010.00097

Claim Reservations

01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water

Ontario

MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

Mining Claim Abstract

KENORA - Division 10		Claim No: K 4249854		Status: ACTIVE
Due Date:	2011-Oct-06	**Recorded:**	2009-Oct-06	
Work Required:	$ 1,600	**Staked:**	2009-Sep-23 13:35	
Total Work:	$ 0	**Township/Area:**	CODE (G-1326)	
Total Reserve:	$ 0	**Lot Description:**		
Present Work Assignment:	$ 0	**Claim Units:**	4	
Claim Bank:	$ 0			

Claim Holders

Recorded Holder(s) Percentage	Client Number
BURT, JON MICHEAL (100.00 %)	407027

Transaction Listing

Type	Date	Applied	Description	Performed	Number
STAKER	2009-Oct-06		RECORDED BY BURT, JON MICHEAL (1007312)		R0910.03293

Claim Reservations

01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water
06 Excluding road

Ontario

MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

Mining Claim Abstract

KENORA - Division 10		Claim No: K 4249865		Status: ACTIVE
Due Date:	2011-Nov-24	**Recorded:**	2009-Nov-24	
Work Required:	$ 1,600	**Staked:**	2009-Nov-17 14:05	
Total Work:	$ 0	**Township/Area:**	CODE (G-1326)	
Total Reserve:	$ 0	**Lot Description:**		
Present Work Assignment:	$ 0	**Claim Units:**	4	
Claim Bank:	$ 0			

Claim Holders

Recorded Holder(s) Percentage	Client Number
BURT, JON MICHEAL (100.00 %)	407027

Transaction Listing

Type	Date	Applied	Description	Performed	Number
STAKER	2009-Nov-24		RECORDED BY BURT, JON MICHEAL (1007312)		R0910.03936

Claim Reservations

01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water

Ontario

MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

Mining Claim Abstract

KENORA - Division 10		Claim No: K 4249866		Status: ACTIVE
Due Date:	2011-Nov-24	**Recorded:**	2009-Nov-24	
Work Required:	$ 800	**Staked:**	2009-Nov-16 12:05	
Total Work:	$ 0	**Township/Area:**	CODE (G-1326)	
Total Reserve:	$ 0	**Lot Description:**		
Present Work Assignment:	$ 0	**Claim Units:**	2	
Claim Bank:	$ 0			

Claim Holders

Recorded Holder(s) Percentage	Client Number
BURT, JON MICHEAL (100.00 %)	407027

Transaction Listing

Type	Date	Applied	Description	Performed	Number
STAKER	2009-Nov-24		RECORDED BY BURT, JON MICHEAL (1007312)		R0910.03936

Claim Reservations

01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water

Ontario

MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

Mining Claim Abstract

KENORA - Division 10		Claim No: K 4249871		Status: ACTIVE
Due Date:	2011-Nov-24	**Recorded:**	2009-Nov-24	
Work Required:	$ 4,800	**Staked:**	2009-Nov-19 12:55	
Total Work:	$ 0	**Township/Area:**	LE MAY (G-1341)	
Total Reserve:	$ 0	**Lot Description:**		
Present Work Assignment:	$ 0	**Claim Units:**	12	
Claim Bank:	$ 0			

Claim Holders

Recorded Holder(s) Percentage	Client Number
BURT, JON MICHEAL (100.00 %)	407027

Transaction Listing

Type	Date	Applied	Description	Performed	Number
STAKER	2009-Nov-24		RECORDED BY BURT, JON MICHEAL (1007312)		R0910.03934

Claim Reservations

01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water

Ontario

MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

Mining Claim Abstract

KENORA - Division 10		Claim No: K 4249873		Status: ACTIVE
Due Date:	2012-Apr-15	**Recorded:**	2010-Apr-15	
Work Required:	$ 400	**Staked:**	2010-Mar-22 11:05	
Total Work:	$ 0	**Township/Area:**	CODE (G-1326)	
Total Reserve:	$ 0	**Lot Description:**		
Present Work Assignment:	$ 0	**Claim Units:**	1	
Claim Bank:	$ 0			

Claim Holders

Recorded Holder(s) Percentage	Client Number
BURT, JON MICHEAL (100.00 %)	407027

Transaction Listing

Type	Date	Applied	Description	Performed	Number
STAKER	2010-Apr-15		RECORDED BY BURT, JON MICHEAL (1007312)		R1010.01239

Claim Reservations

01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water

Ontario

MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

Mining Claim Abstract

KENORA - Division 10		Claim No: K 4249874		Status: ACTIVE
Due Date:	2012-May-07	**Recorded:**	2010-May-07	
Work Required:	$ 400	**Staked:**	2010-Apr-22 10:30	
Total Work:	$ 0	**Township/Area:**	CODE (G-1326)	
Total Reserve:	$ 0	**Lot Description:**		
Present Work Assignment:	$ 0	**Claim Units:**	1	
Claim Bank:	$ 0			

Claim Holders

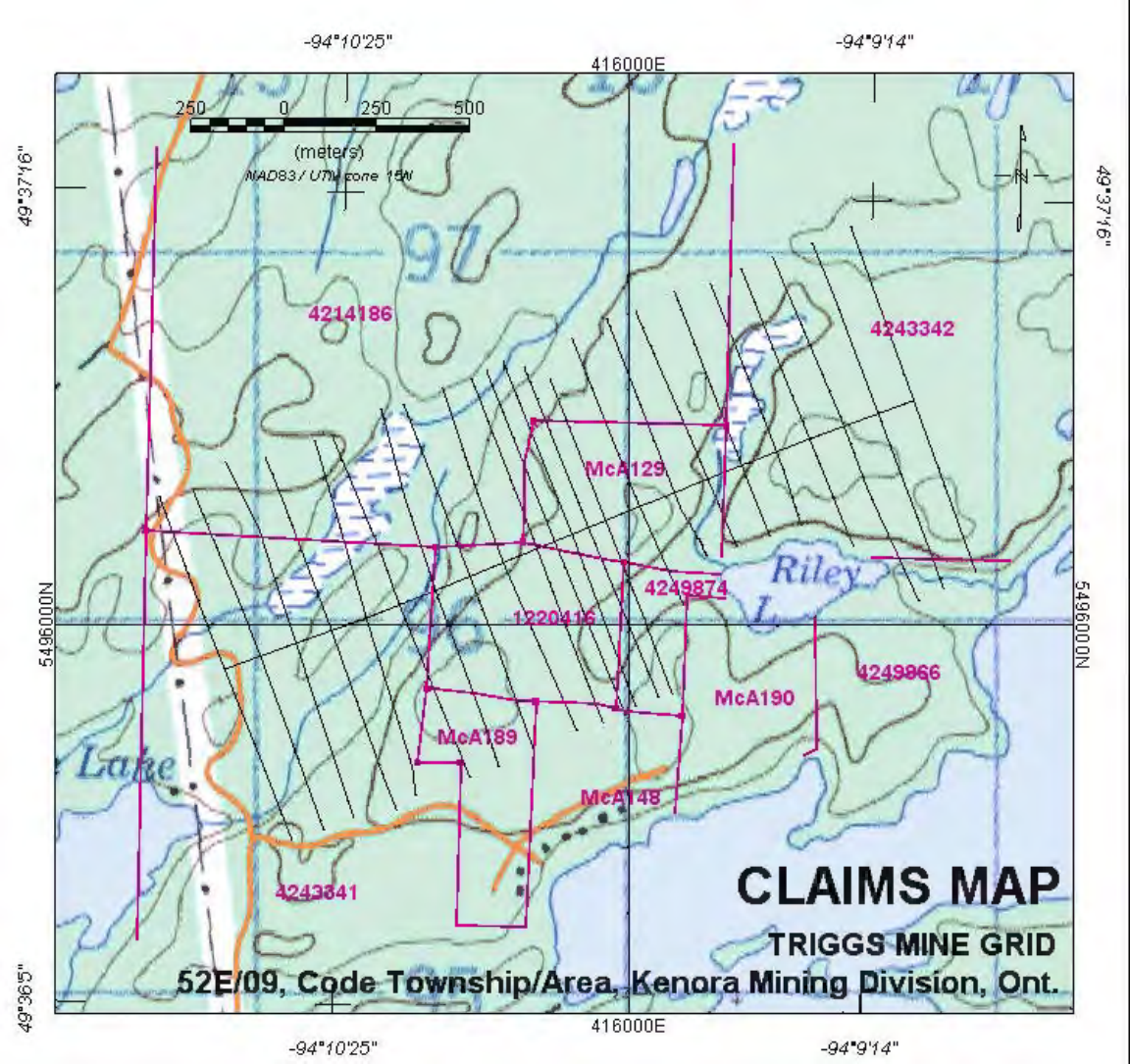
Recorded Holder(s) Percentage	Client Number
BURT, JON MICHEAL (100.00 %)	407027

Transaction Listing

Type	Date	Applied	Description	Performed	Number
STAKER	2010-May-07		RECORDED BY BURT, JON MICHEAL (1007312)		R1010.01575

Claim Reservations

01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water
06 Excluding road


-94°10'25"
-94°9'14"
416000E
49°37'16"
49°36'5"
5496000N
250 0 250 500
(meters)
NAD83 / UTM zone 15N
N
4214186
4243342
McA129
4249874
1220416
4249866
McA190
McA189
McA148
4243341
Riley L.
Lake
CLAIMS MAP
TRIGGS MINE GRID
52E/09, Code Township/Area, Kenora Mining Division, Ont.

415000E 416000E 417000E

5497000N 5496000N

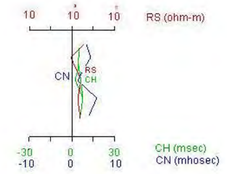
To Great River Road (71)

- Digital Base Map

- Claims: Ministry of Northern Development, Mines and Forestry
Map G-1326, Code Township/Area, Kenora Mining Division, Ontario

- Geophysics by: GEOSIG Inc.

Profiles Scale



Legend

Strong & sure IP anomaly (0.9 > P > 0.7)
often with resistivity decrease

Probable IP anomaly (0.7 > P > 0.4)
Moderate, often without resistivity decrease.

Possible IP anomaly (0.4 > P > 0.2)
Poorly defined, no resistivity feature

Weak IP increase (P < 0.2)
close to signal/noise - or in high resistivity

INSTRUMENTS

Tx= TX-II, 1800 W s/n 228 by GDD Instrumentation

Rx= ELREC-6 s/n 33 by BRGM

Generator = 2000 W by Honda

Scale 1:5000

100 0 100 200 300
(meters)
NAD83 / UTM zone 15N

nuinsco RESOURCES LIMITED

NUINSCO RESOURCES LTD.

TRIGGS MINE GRID

INDUCED POLARIZATION SURVEY
Profiles and Posting Map

Longbow Lake Area, NTS 52E/09
Code Township, Ontario
Field Work by P. Simoneau, M.Sc. Geol.
Interpretation by P. Simoneau, M.Sc. Geol.

Geosig projet # 300.01, map # 8821

415000E 416000E 417000E

5497000N 5496000N

To Great River Road (71)

Riley Lake

Hook Lake

Gibi Lake

Power Line

BL 0+00

5+00N

5+00S

L 0+00 L 1+00 W L 2+00 W L 3+00 W L 4+00 W L 5+00 W L 6+00 W L 7+00 W L 8+00 W L 9+00 W L 9+50 W L 10+00 W L 10+50 W L 11+00 W L 12+00 W L 13+00 W L 14+00 W L 15+00 W L 16+00 W L 17+00 W L 18+00 W L 19+00 W L 20+00 W

IP-1 IP-2 IP-3 IP-4 IP-5 IP-6 IP-7 IP-8 IP-9 IP-10 IP-11 IP-12 IP-13 IP-14 IP-15 IP-16 IP-17 IP-18 IP-19 IP-20 IP-21 IP-22 IP-23 IP-24 IP-25 IP-26 IP-27 IP-28 IP-29 IP-30 IP-31 IP-32 IP-33

4214186 4249674 4249866 4243342 4243341

McA190 McA146 McA189

80.0 70.0 60.0 50.0 40.0 30.0 25.5 21.0 16.5 10.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.3 2.2 2.1 2.0 1.8 1.7 1.5 1.4 1.3 1.1 1.0 0.8 0.7 0.6 0.4 0.3 0.1 0.0 -2.0

Normalized Chargeability

- Digital Base Map

- Claims: Ministry of Northern Development, Mines and Forestry
Map G-1326, Code Township/Area, Kenora Mining Division, Ontario

- Geophysics by: GEOSIG Inc.

Legend

Strong & sure IP anomaly (0.9 > P > 0.7)
often with resistivity decrease

Probable IP anomaly (0.7 > P > 0.4)
Moderate, often without resistivity decrease.

Possible IP anomaly (0.4 > P > 0.2)
Poorly defined, no resistivity feature

Weak IP increase (P < 0.2)
close to signal/noise - or in high resistivity

INSTRUMENTS

Tx= TX-II, 1800 W s/n 228 by GDD Instrumentation

Rx= ELREC-6 s/n 33 by BRGM

Generator = 2000 W by Honda

Scale 1:5000

100 0 100 200 300
(meters)
NAD83 / UTM zone 15N

nuinsco RESOURCES LIMITED

NUINSCO RESOURCES LTD.

TRIGGS MINE GRID

INDUCED POLARIZATION SURVEY
Normalized Chargeability Map

Longbow Lake Area, NTS 52E/09
Code Township, Ontario
Field Work by P. Simoneau, M.Sc. Geol.
Interpretation by P. Simoneau, M.Sc. Geol.

Geosig projet # 300.01, map # 8824

415000E 416000E 417000E

5497000N 5496000N

To Great River Road (71)

Riley Lake

Hook Lake

Gibi Lake

Power Line

BL 0+00

5+00N 5+00S

L 0+00 L 1+00 W L 2+00 W L 3+00 W L 4+00 W L 5+00 W L 6+00 W L 7+00 W L 8+00 W L 9+00 W L 9+50 W L 10+00 W L 10+50 W L 11+00 W L 12+00 W L 13+00 W L 14+00 W L 15+00 W L 16+00 W L 17+00 W L 18+00 W L 19+00 W L 20+00 W

IP-1 IP-2 IP-3 IP-4 IP-5 IP-6 IP-7 IP-8 IP-9 IP-10 IP-11 IP-12 IP-13 IP-14 IP-15 IP-16 IP-17 IP-18 IP-19 IP-20 IP-21 IP-22 IP-23 IP-24 IP-25 IP-26 IP-27 IP-28 IP-29 IP-30 IP-31 IP-32 IP-33

MCA189 MCA148 MCA190

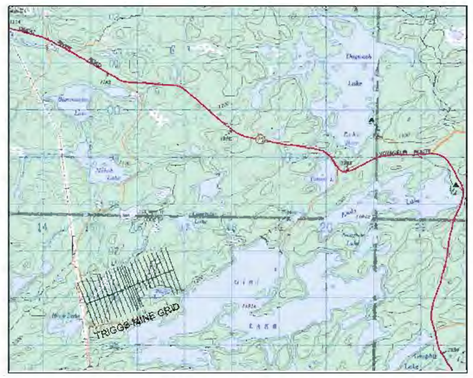
4214186 4243342 4243341 2498674 2498866

100000 80000 60000 40000 20000 18000 16000 14000 12000 10000 9000 8000 7000 6000 5000 4000 3500 3000 2500 2000 1500 1000 900 800 700 650 600 550 500 450 400 350 300 250 200 150 100 70 40 10

Resistivity

- Digital Base Map
© Department of Natural Resources Canada. All rights reserved.
- Claims: Ministry of Northern Development, Mines and Forestry
Map G-1326, Code Township/Area, Kenora Mining Division, Ontario

- Geophysics by: GEOSIG Inc.



Legend

Strong & sure IP anomaly (0.9 > P > 0.7)
often with resistivity decrease

Probable IP anomaly (0.7 > P > 0.4)
Moderate, often without resistivity decrease.

Possible IP anomaly (0.4 > P > 0.2)
Poorly defined, no resistivity feature

Weak IP increase (P < 0.2)
close to signal/noise - or in high resistivity

INSTRUMENTS

Tx= TX-II, 1800 W s/n 228 by GDD Instrumentation

Rx= ELREC-6 s/n 33 by BRGM

Generator = 2000 W by Honda

Scale 1:5000

100 0 100 200 300

(meters)

NAD83 / UTM zone 15N

nuinsco RESOURCES LIMITED

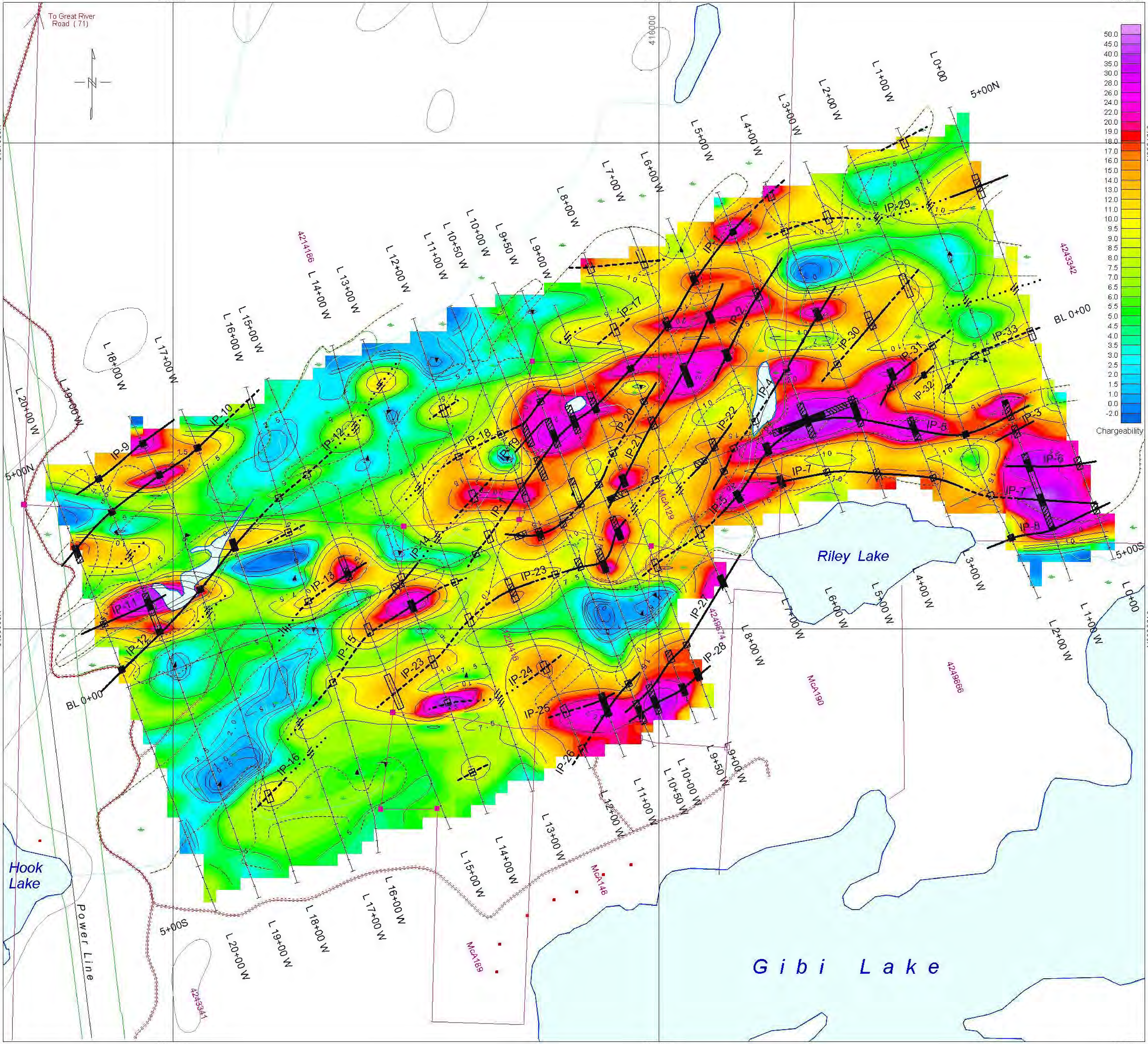
NUINSCO RESOURCES LTD.

TRIGGS MINE GRID

INDUCED POLARIZATION SURVEY
Resistivity Map

Longbow Lake Area, NTS 52E/09
Code Township, Ontario
Field Work by P. Simoneau, M.Sc. Geol.
Interpretation by P. Simoneau, M.Sc. Geol.

Geosig projet # 300.01, map # 8822



- Claims: Ministry of Northern Development, Mines and Forestry Map G-1326, Code Township/Area, Kenora Mining Division, Ontario

- Geophysics by: GEOSIG Inc.

Legend

Strong & sure IP anomaly (0.9 > P > 0.7) often with resistivity decrease

Probable IP anomaly (0.7 > P > 0.4) Moderate, often without resistivity decrease.

Possible IP anomaly (0.4 > P > 0.2) Poorly defined, no resistivity feature

Weak IP increase (P < 0.2) close to signal/noise - or in high resistivity

INSTRUMENTS

Tx= TX-II, 1800 W s/n 228 by GDD Instrumentation

Rx= ELREC-6 s/n 33 by BRGM

Generator = 2000 W by Honda

Scale 1:5000

100 0 100 200 300

(meters)

NAD83 / UTM zone 15N

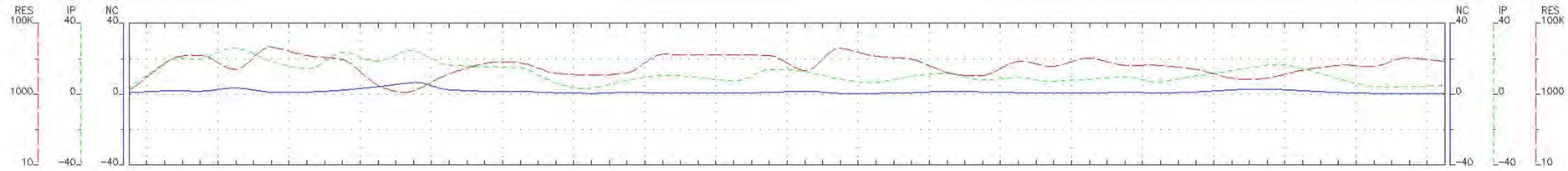
nuinsco

NUINSCO RESOURCES LTD.

TRIGGS MINE GRID
INDUCED POLARIZATION SURVEY
Chargeability Map

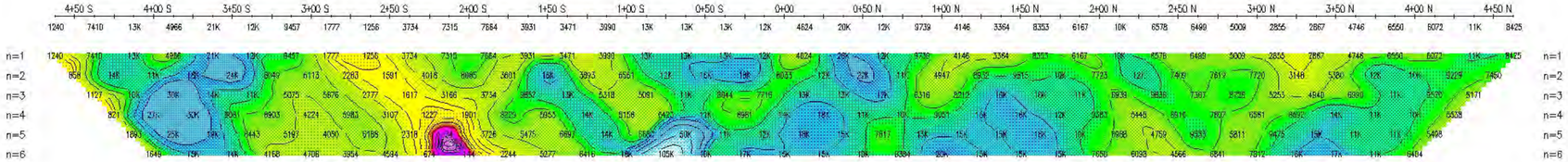
Longbow Lake Area, NTS 52E/09
Code Township, Ontario
Field Work by P. Simoneau, M.Sc. Geol.
Interpretation by P. Simoneau, M.Sc. Geol.

Geosig projet # 300.01, map # 8823

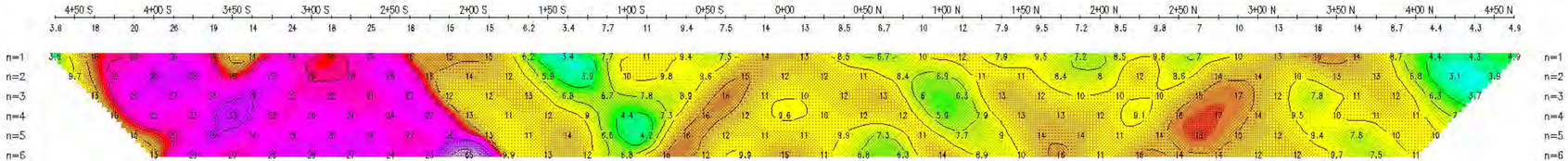


TOPOGRAPHY

RESISTIVITY
(OHM-M)

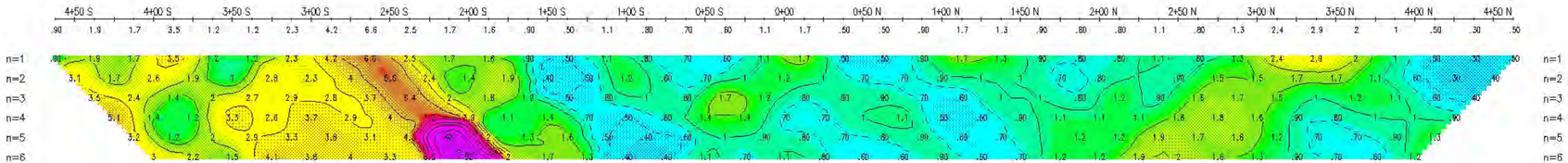


CHARGEABILITY
(msec)



INTERPRETATION

NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)



TOPOGRAPHY

RESISTIVITY
(OHM-M)

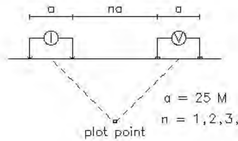
CHARGEABILITY
(msec)

INTERPRETATION

NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

Line 0+00

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

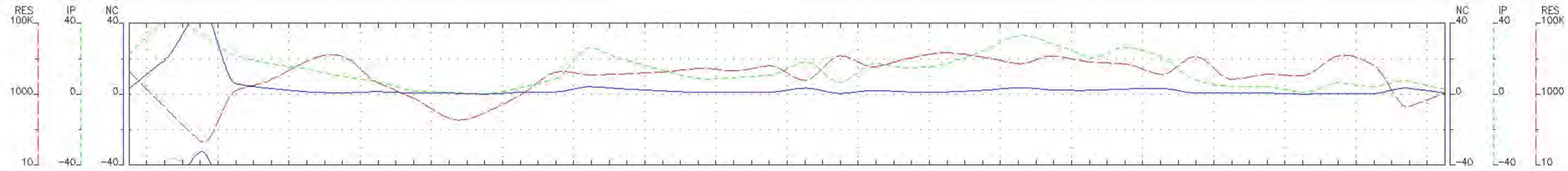
Line 0+00

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/16 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

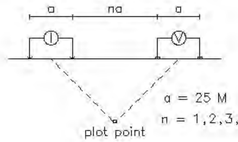
GEOSIG inc.



Geosoft Software for the Earth Sciences

Line 10+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

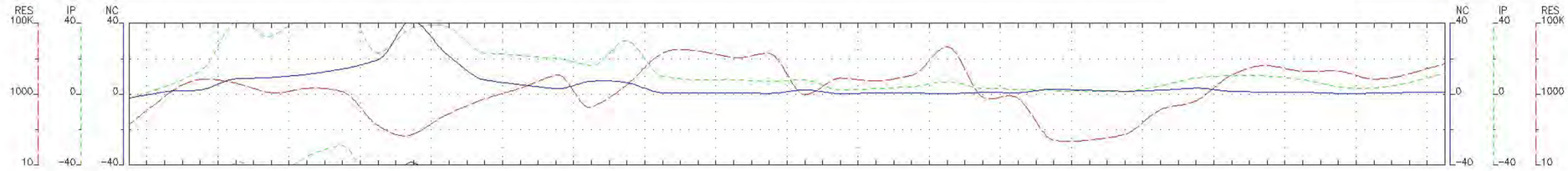
Line 10+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

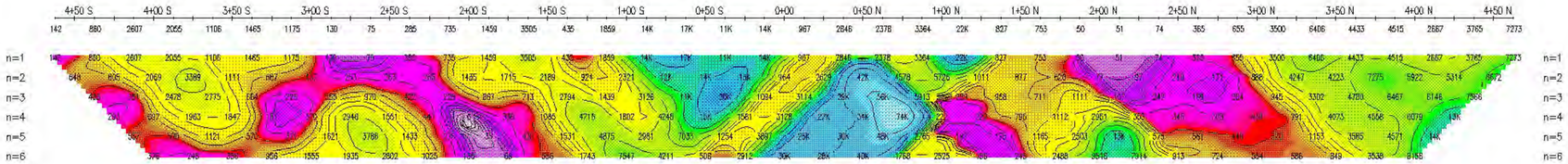
Date: 10/05/27 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

GEOSIG inc.

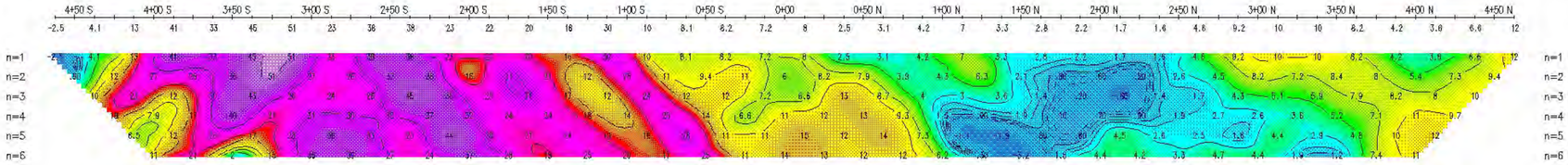


TOPOGRAPHY

RESISTIVITY
(OHM-M)

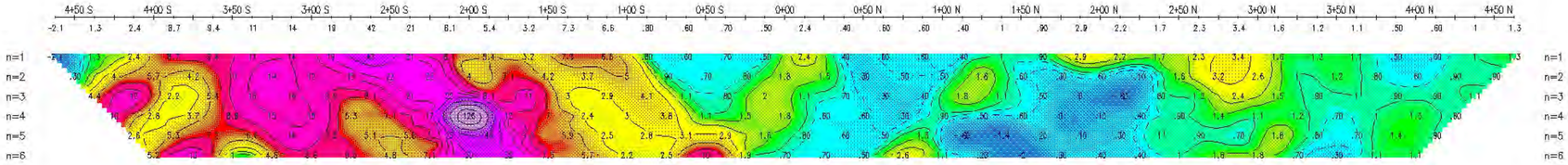


CHARGEABILITY
(msec)



INTERPRETATION

NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)



TOPOGRAPHY

RESISTIVITY
(OHM-M)

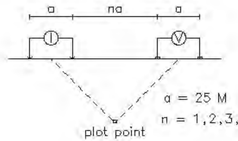
CHARGEABILITY
(msec)

INTERPRETATION

NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

Line 1+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

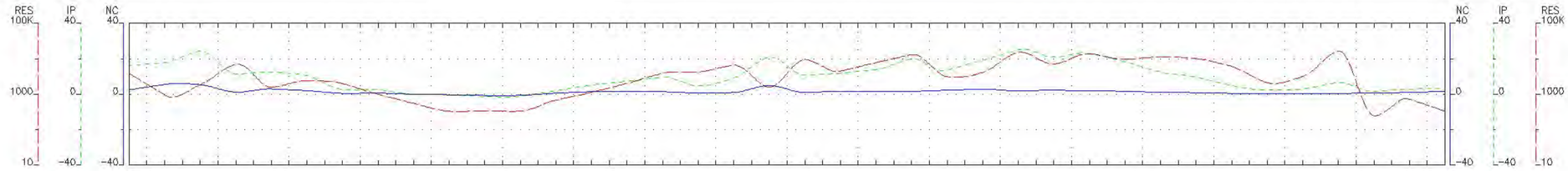
Line 1+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/16 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

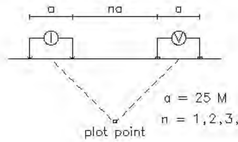
GEOSIG inc.



Geosoft Software for the Earth Sciences

Line 10+50 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

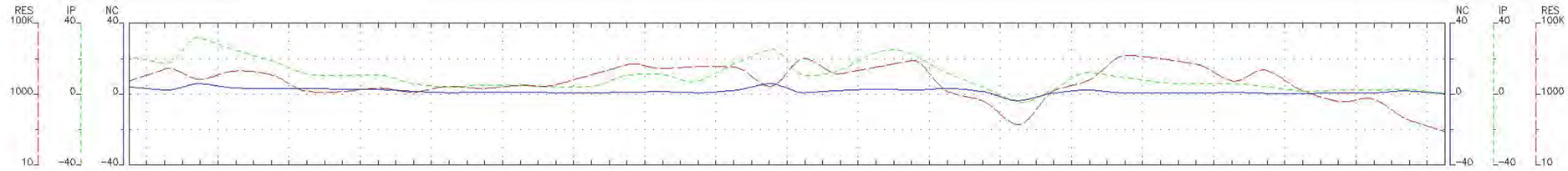
Line 10+50 W

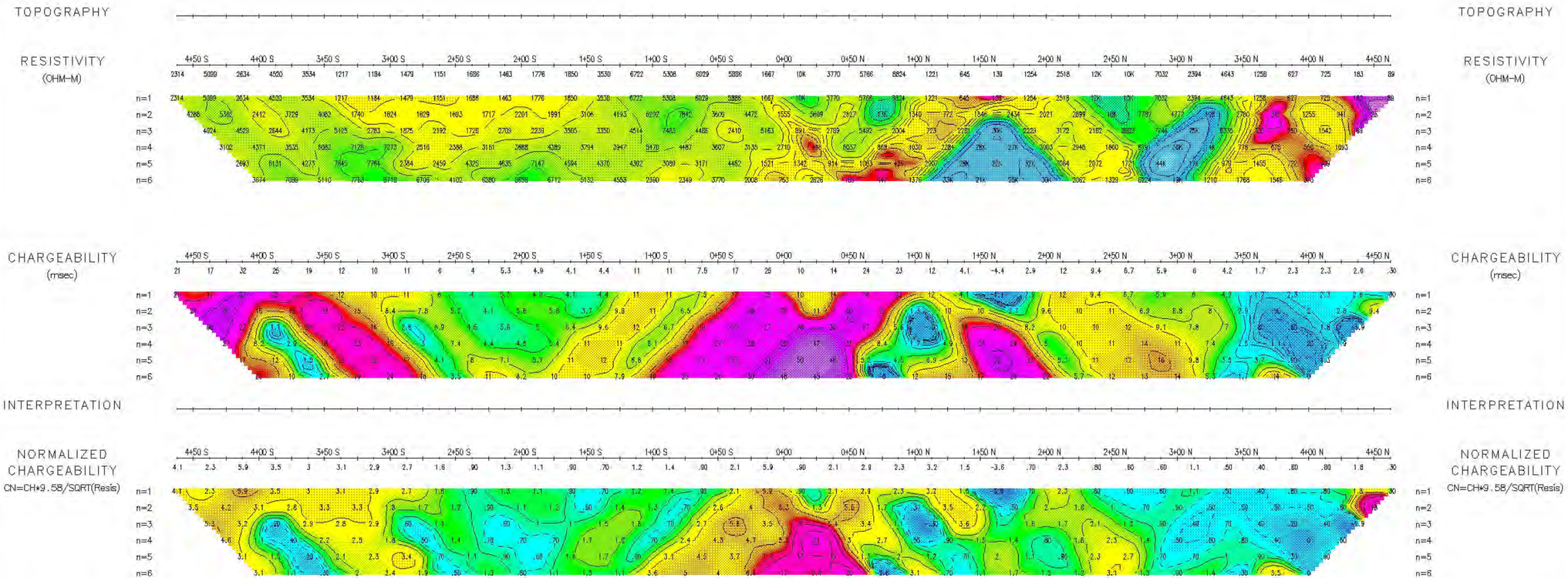
NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/27 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

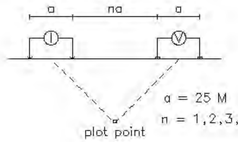
GEOSIG inc.





Line 11+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

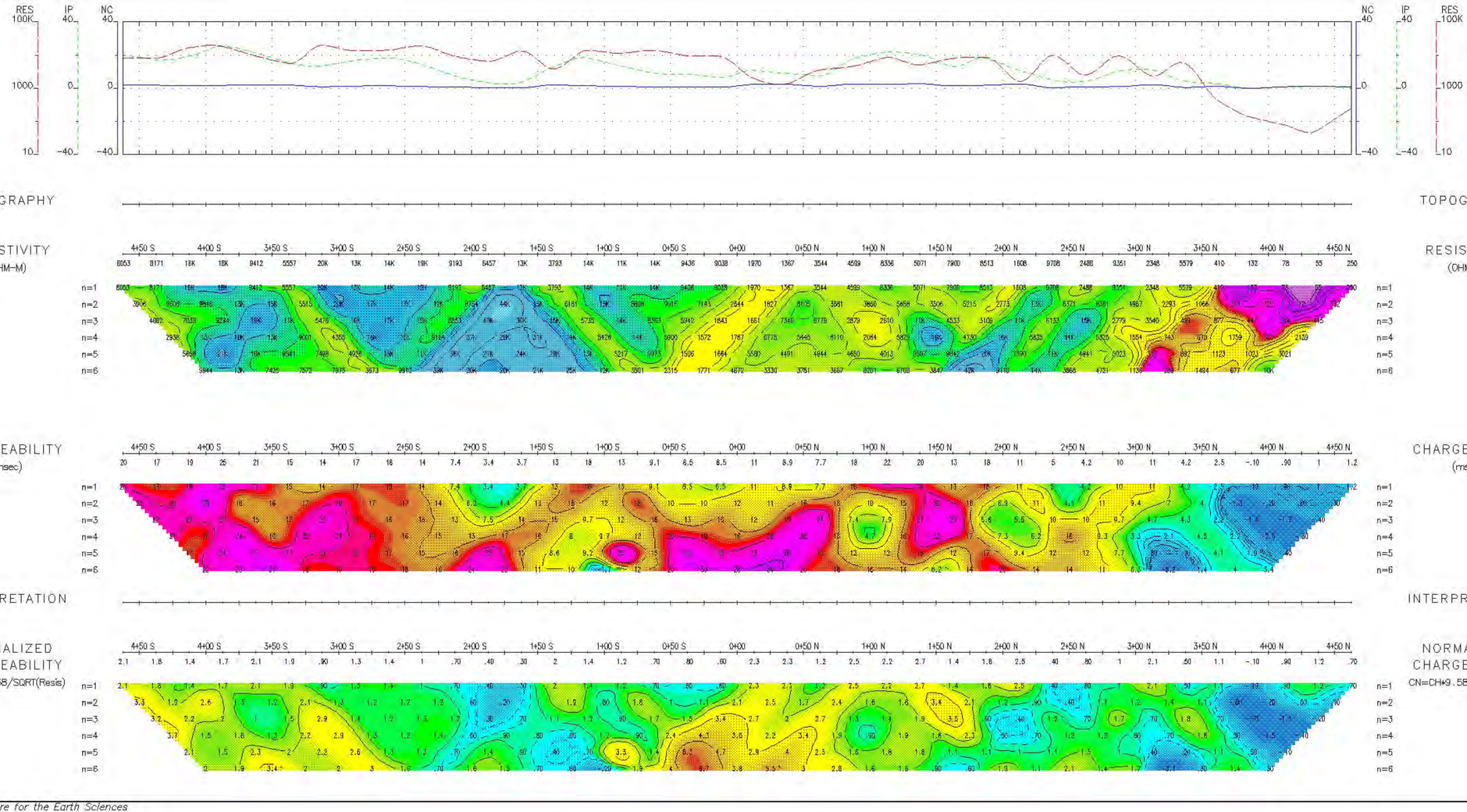
Line 11+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/27 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

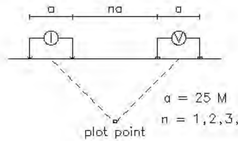
GEOSIG inc.



Geosoft Software for the Earth Sciences

Line 12+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

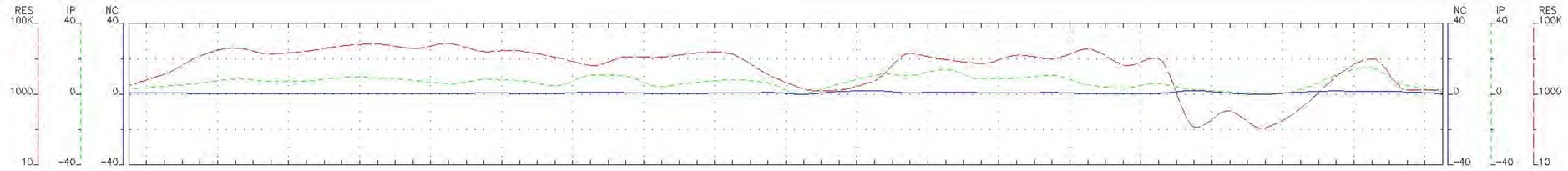
Line 12+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/26 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

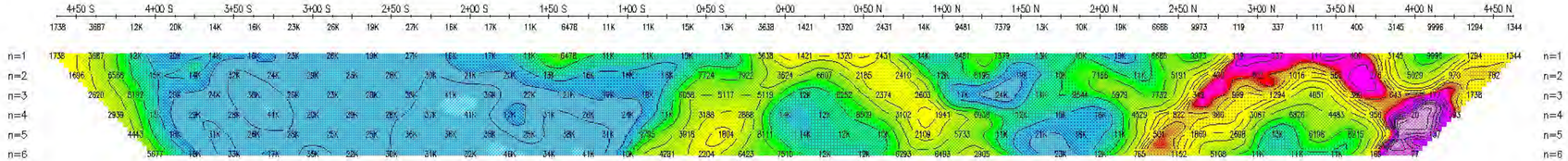
GEOSIG inc.



TOPOGRAPHY

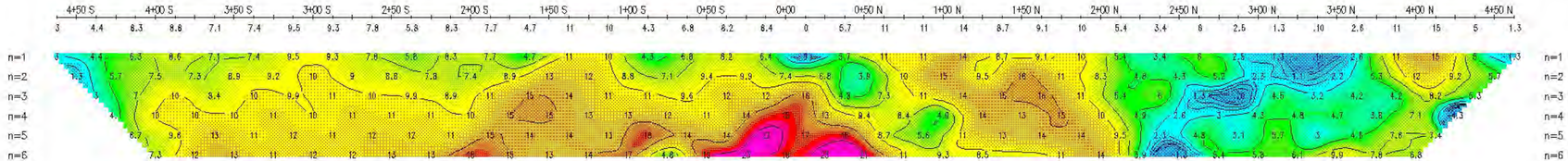
TOPOGRAPHY

RESISTIVITY
(OHM-M)



RESISTIVITY
(OHM-M)

CHARGEABILITY
(msec)

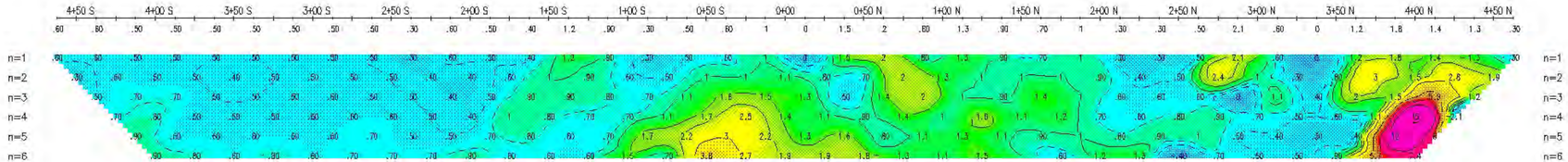


CHARGEABILITY
(msec)

INTERPRETATION

INTERPRETATION

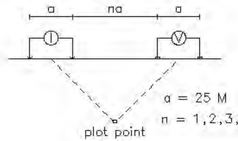
NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)



NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

Line 13+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

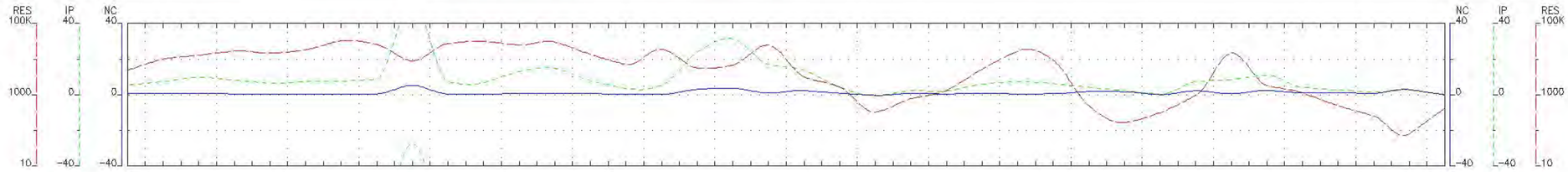
Line 13+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/26 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

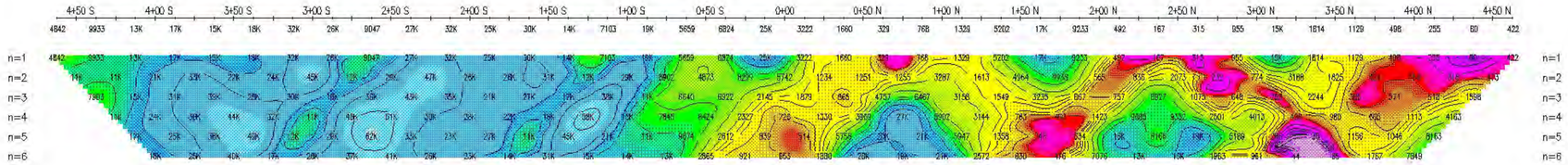
GEOSIG inc.



TOPOGRAPHY

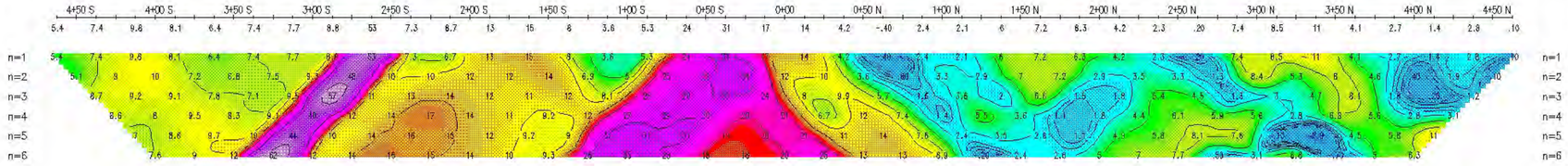
TOPOGRAPHY

RESISTIVITY
(OHM-M)



RESISTIVITY
(OHM-M)

CHARGEABILITY
(msec)

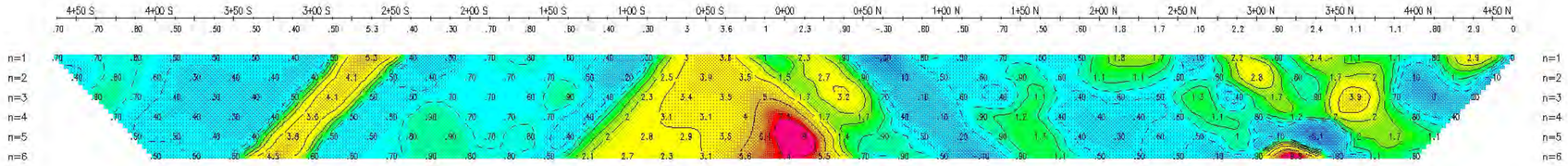


CHARGEABILITY
(msec)

INTERPRETATION

INTERPRETATION

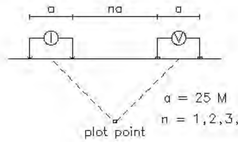
NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)



NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

Line 14+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

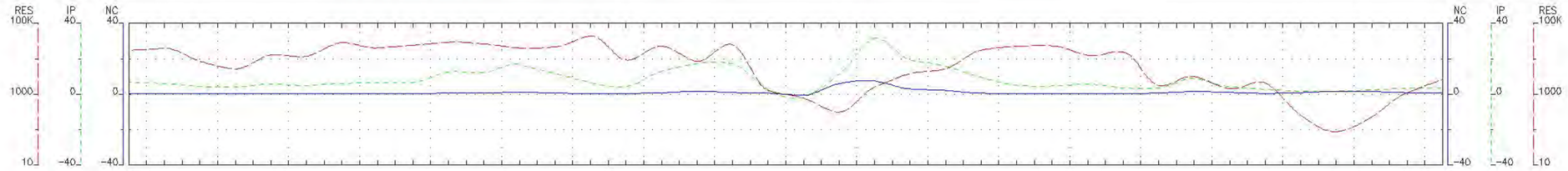
Line 14+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/26 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

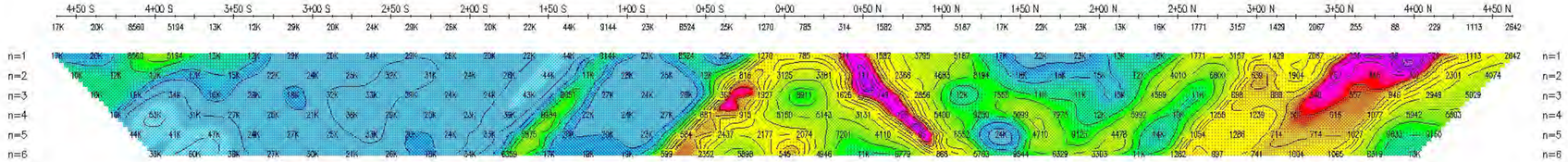
GEOSIG inc.



TOPOGRAPHY

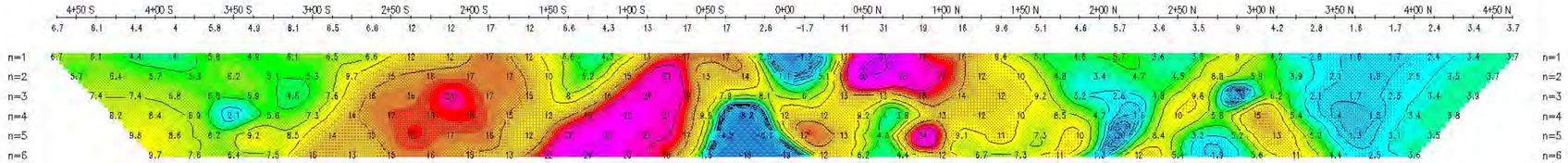
TOPOGRAPHY

RESISTIVITY
(OHM-M)



RESISTIVITY
(OHM-M)

CHARGEABILITY
(msec)

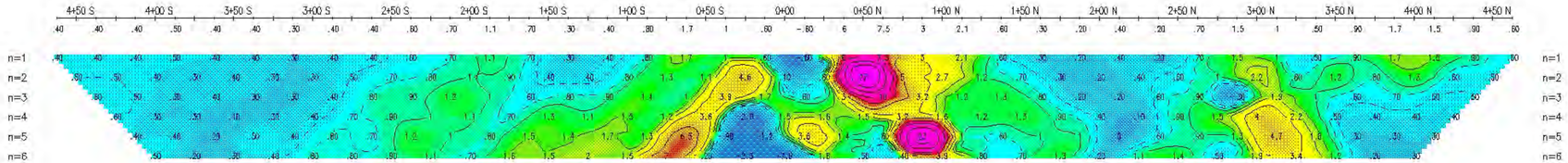


CHARGEABILITY
(msec)

INTERPRETATION

INTERPRETATION

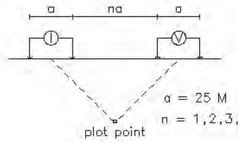
NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)



NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

Line 15+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

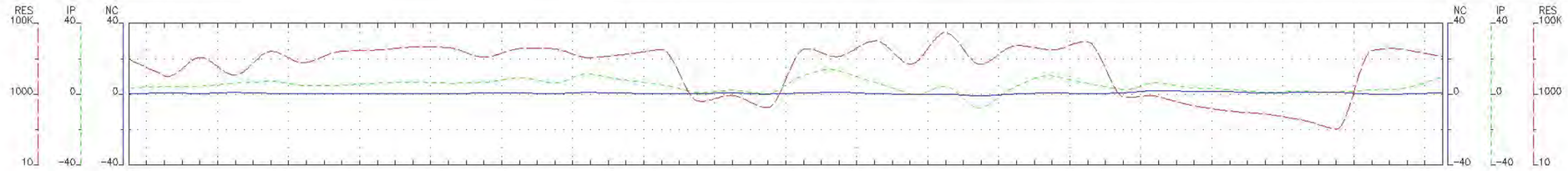
Line 15+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

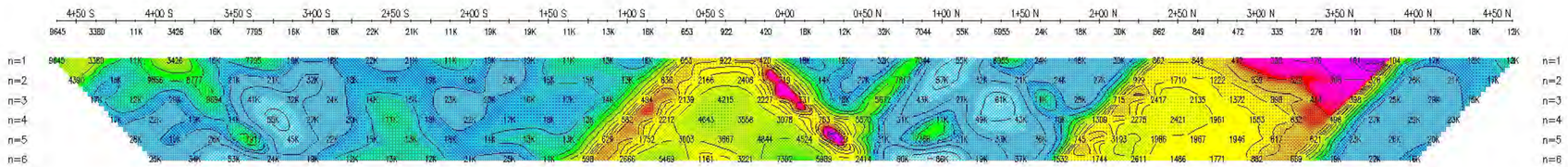
Date: 10/06/04 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

GEOSIG inc.

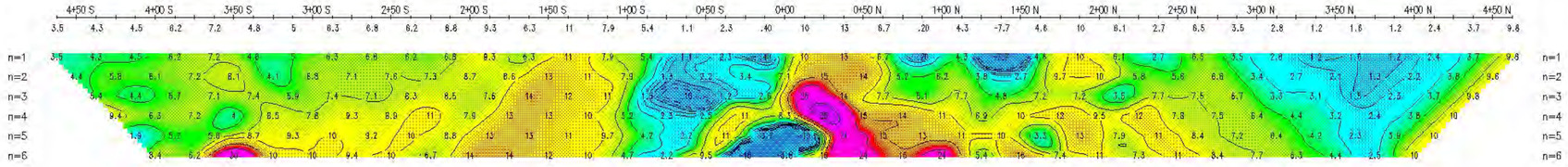


TOPOGRAPHY

RESISTIVITY
(OHM-M)

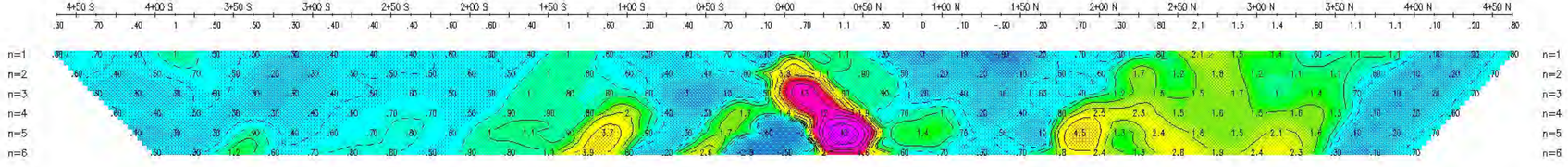


CHARGEABILITY
(msec)



INTERPRETATION

NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)



TOPOGRAPHY

RESISTIVITY
(OHM-M)

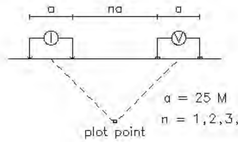
CHARGEABILITY
(msec)

INTERPRETATION

NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

Line 16+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

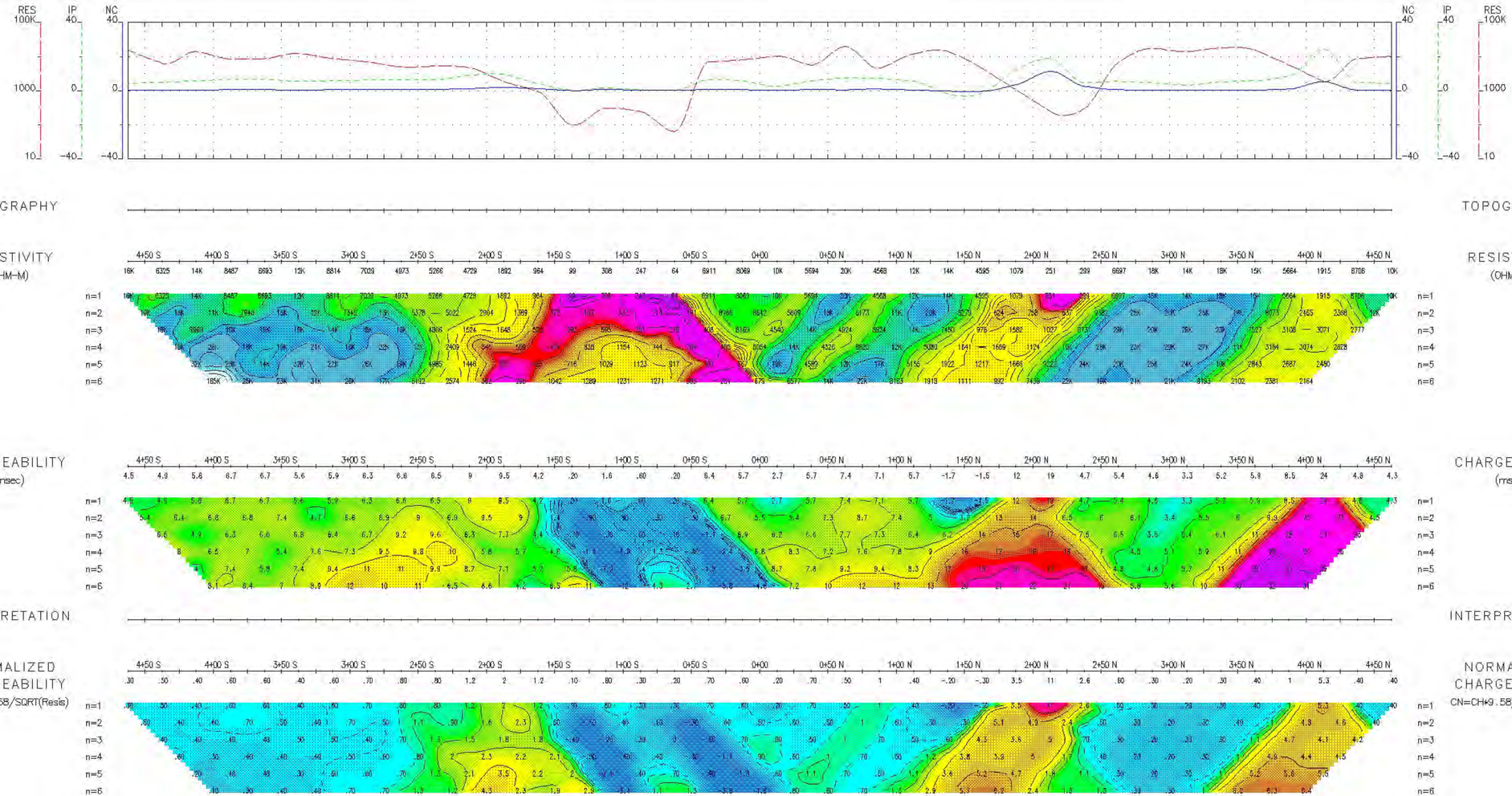
Line 16+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/06/04 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

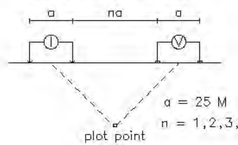
GEOSIG inc.



Geosoft Software for the Earth Sciences

Line 17+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

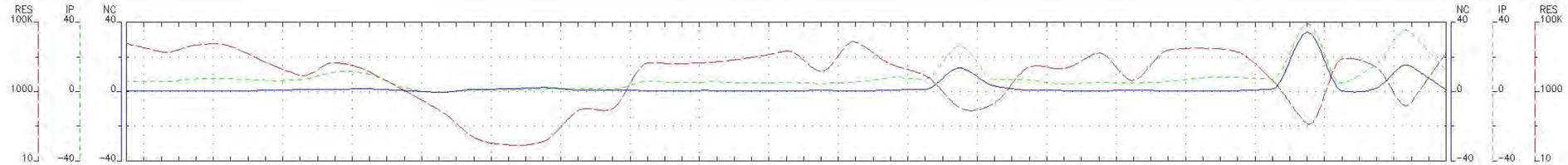
Line 17+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/06/04 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

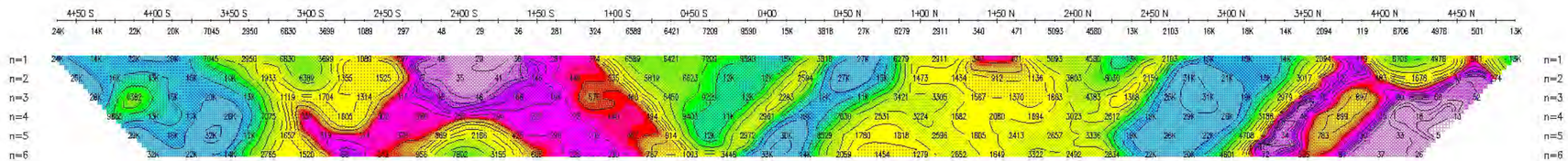
GEOSIG inc.



TOPOGRAPHY

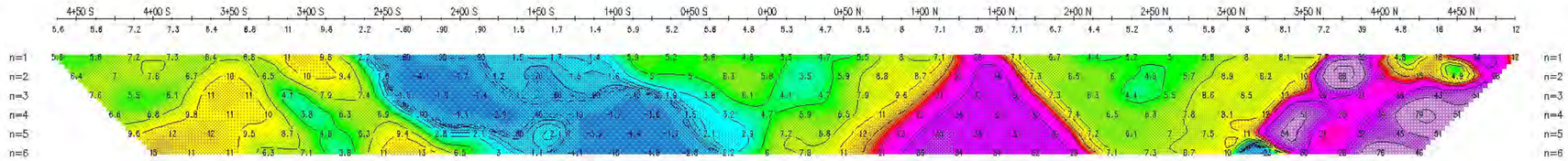
TOPOGRAPHY

RESISTIVITY
(OHM-M)



RESISTIVITY
(OHM-M)

CHARGEABILITY
(msec)

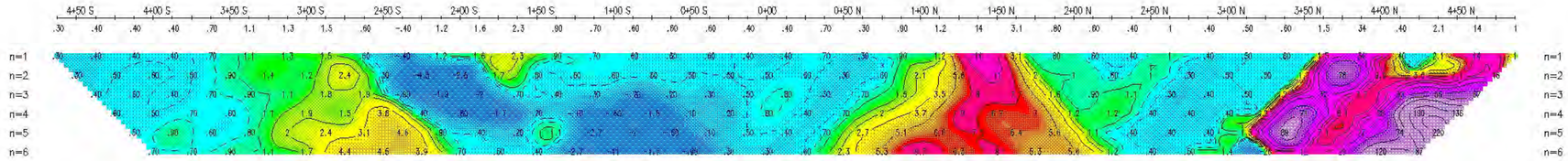


CHARGEABILITY
(msec)

INTERPRETATION

INTERPRETATION

NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

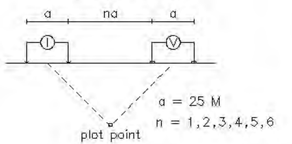


NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

Geosoft Software for the Earth Sciences

Line 18+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

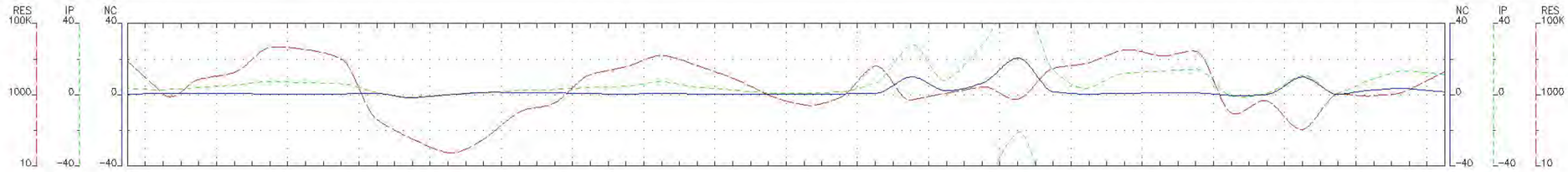
Line 18+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/26 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

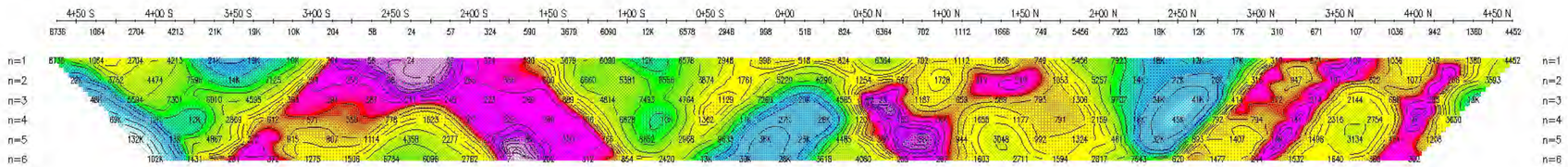
GEOSIG inc.



TOPOGRAPHY

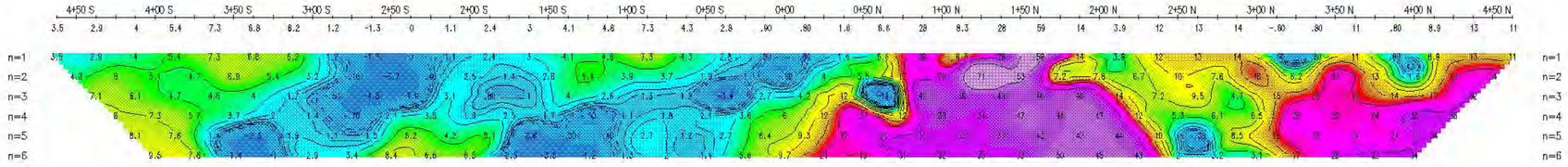
TOPOGRAPHY

RESISTIVITY
(OHM-M)



RESISTIVITY
(OHM-M)

CHARGEABILITY
(msec)

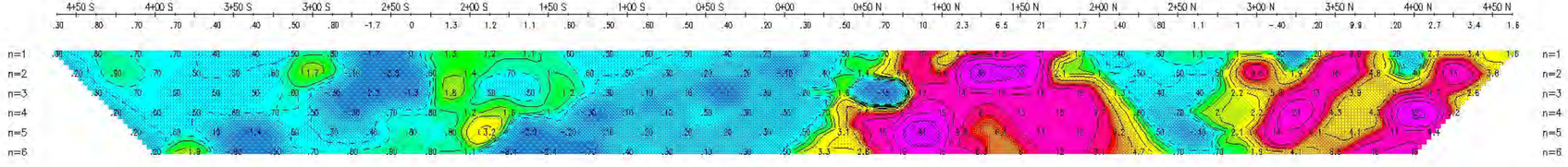


CHARGEABILITY
(msec)

INTERPRETATION

INTERPRETATION

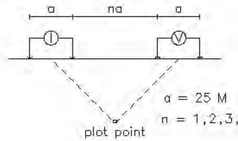
NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)



NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

Line 19+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

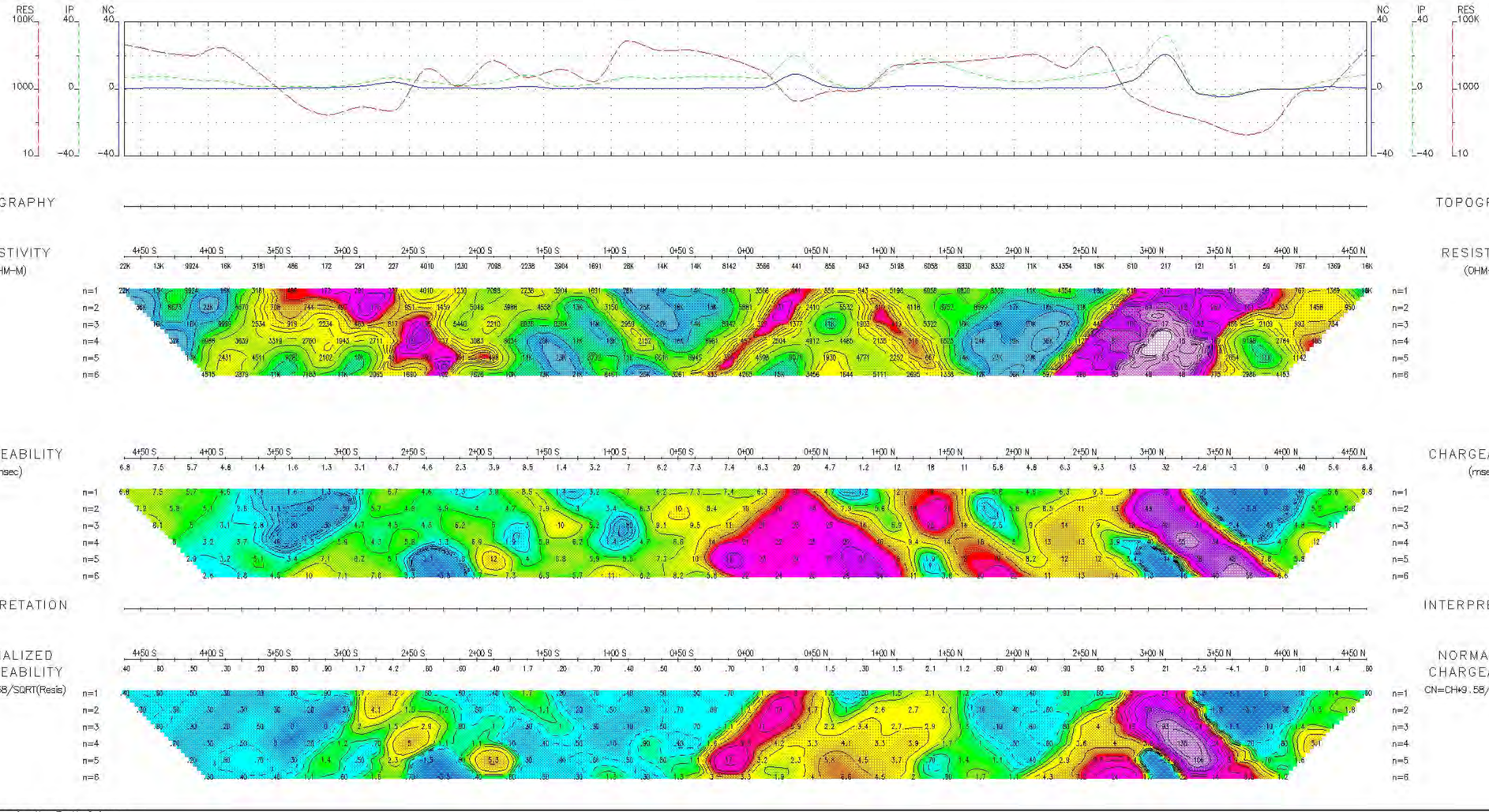
Line 19+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/24 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

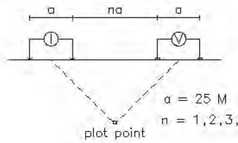
GEOSIG inc.



Geosoft Software for the Earth Sciences

Line 20+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

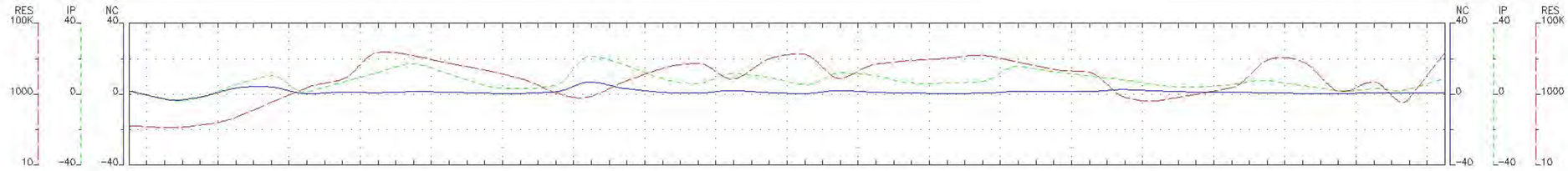
Line 20+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/24 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

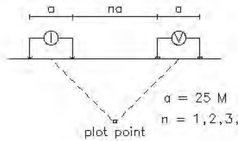
GEOSIG inc.



Geosoft Software for the Earth Sciences

Line 2+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

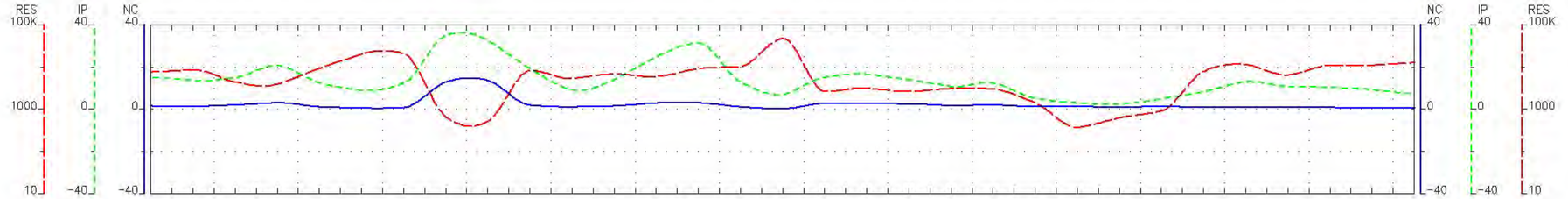
Line 2+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/18 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

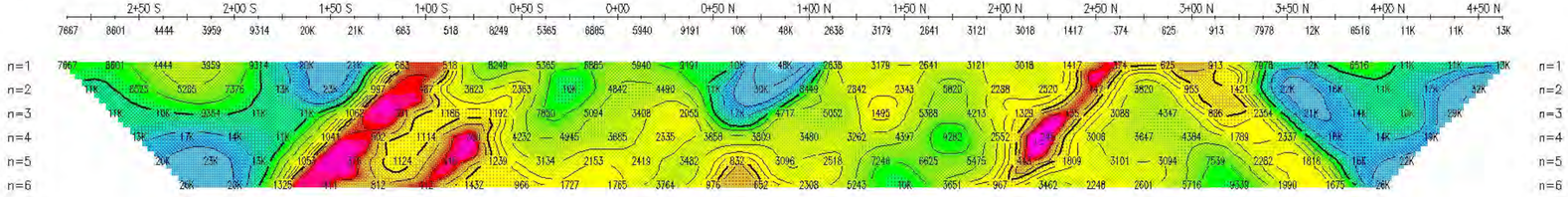
GEOSIG inc.



TOPOGRAPHY

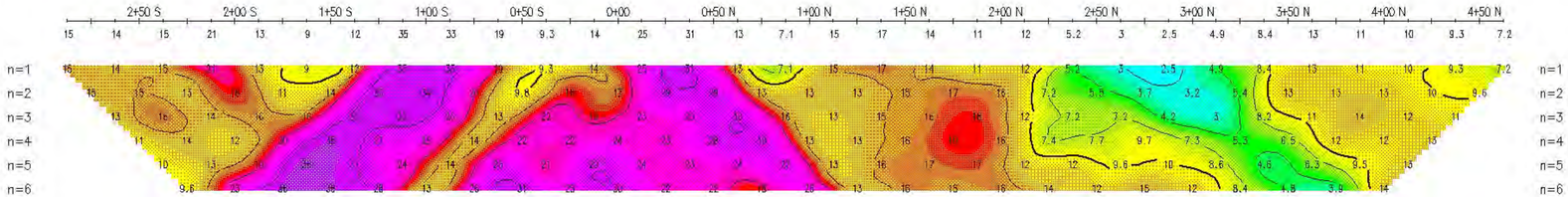
TOPOGRAPHY

RESISTIVITY
(OHM-M)



RESISTIVITY
(OHM-M)

CHARGEABILITY
(msec)

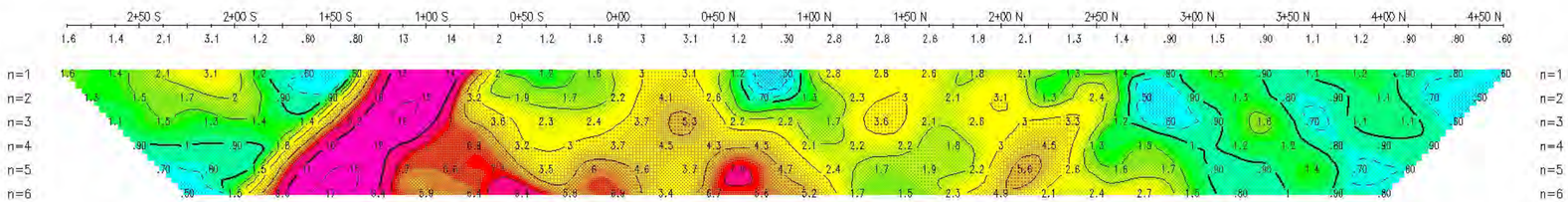


CHARGEABILITY
(msec)

INTERPRETATION

INTERPRETATION

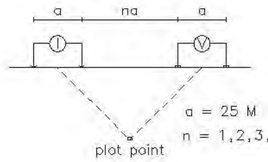
NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)



NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

Line 3+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

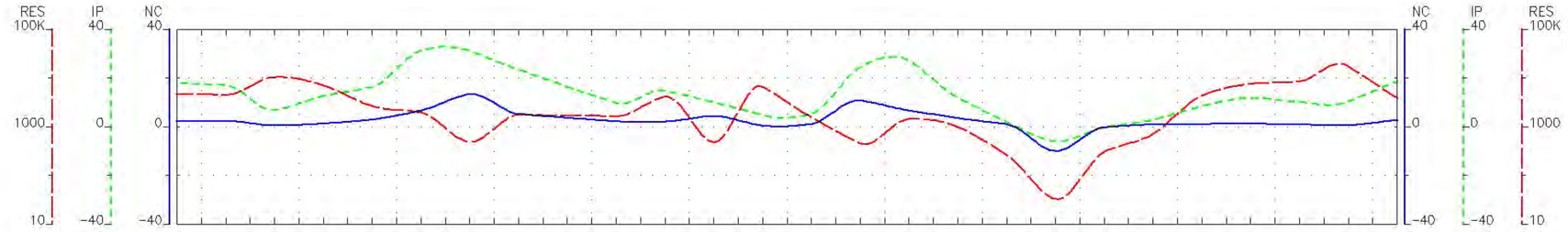
Line 3+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/18 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

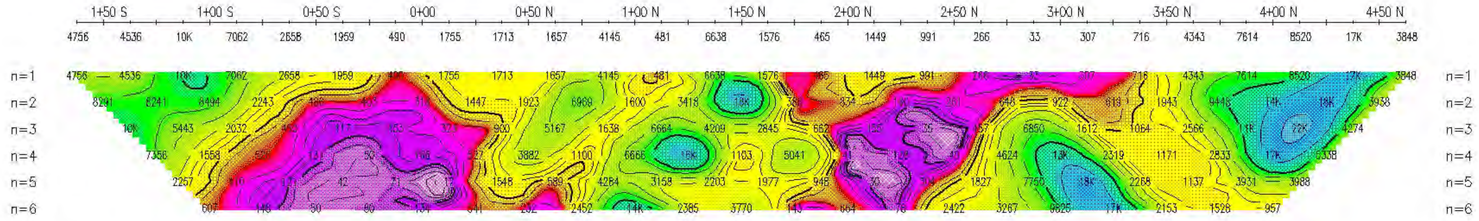
GEOSIG inc.



TOPOGRAPHY

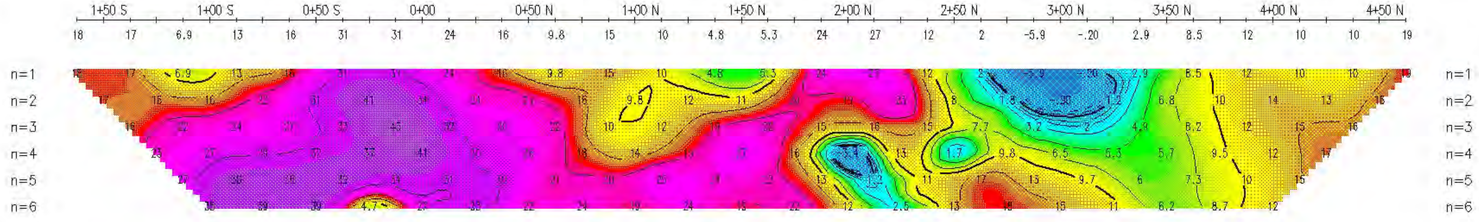
TOPOGRAPHY

RESISTIVITY
(OHM-M)



RESISTIVITY
(OHM-M)

CHARGEABILITY
(msec)

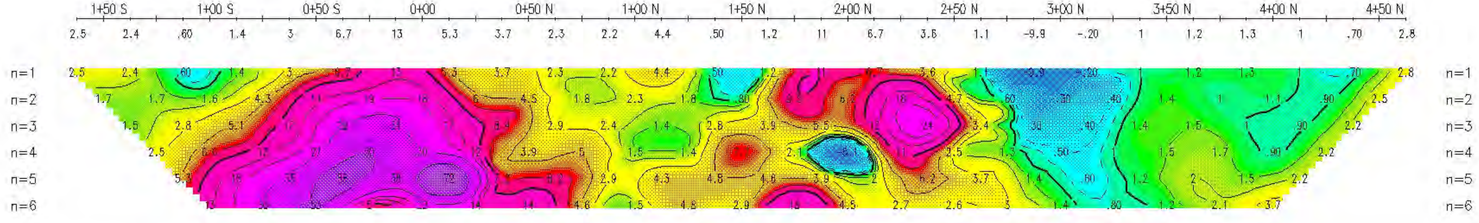


CHARGEABILITY
(msec)

INTERPRETATION

INTERPRETATION

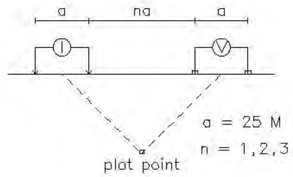
NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)



NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

Line 4+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

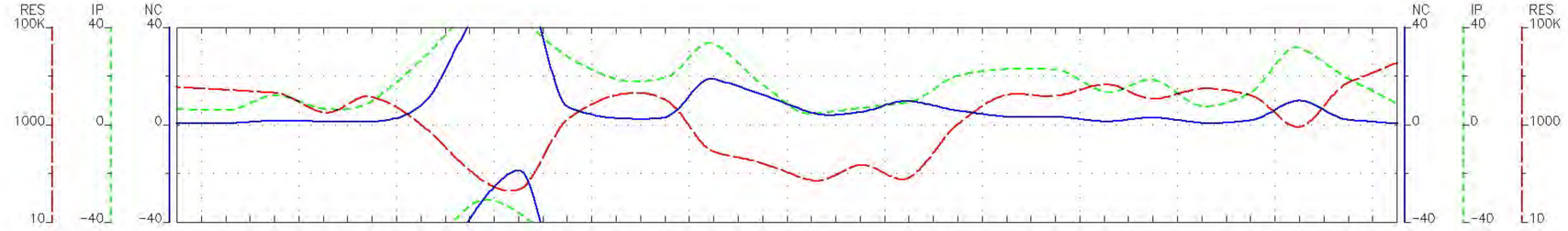
Line 4+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/18 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

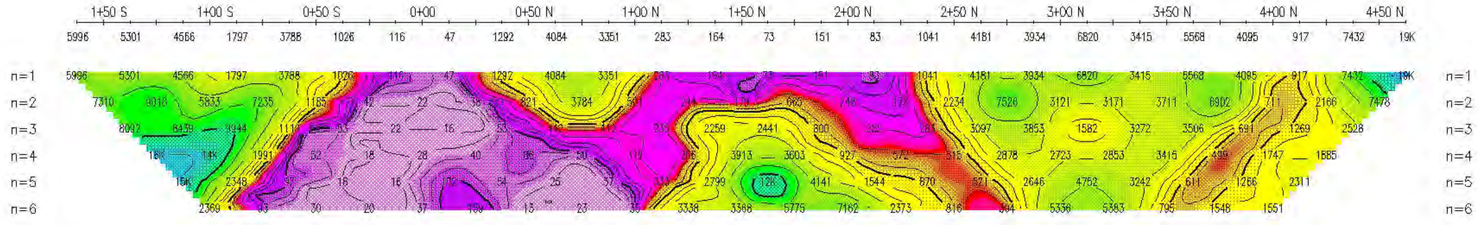
GEOSIG inc.



TOPOGRAPHY

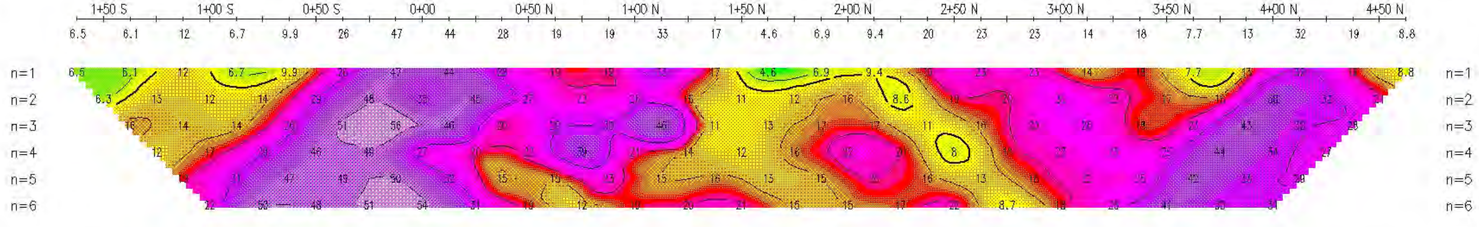
TOPOGRAPHY

RESISTIVITY
(OHM-M)



RESISTIVITY
(OHM-M)

CHARGEABILITY
(msec)

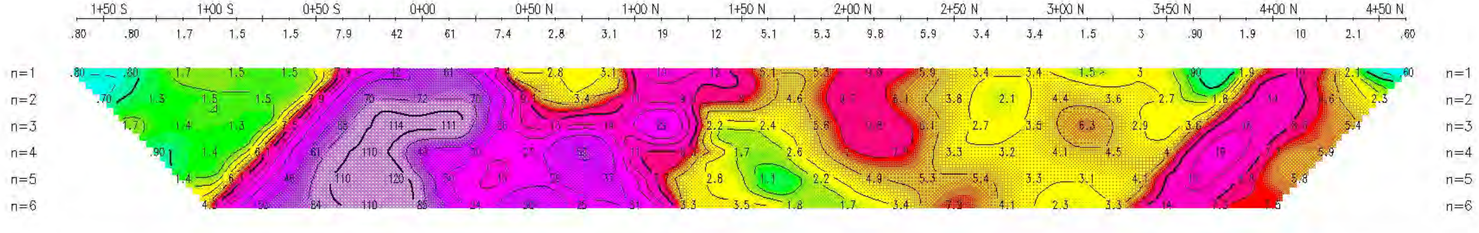


CHARGEABILITY
(msec)

INTERPRETATION

INTERPRETATION

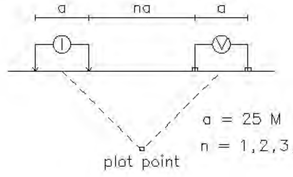
NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)



NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

Line 5+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

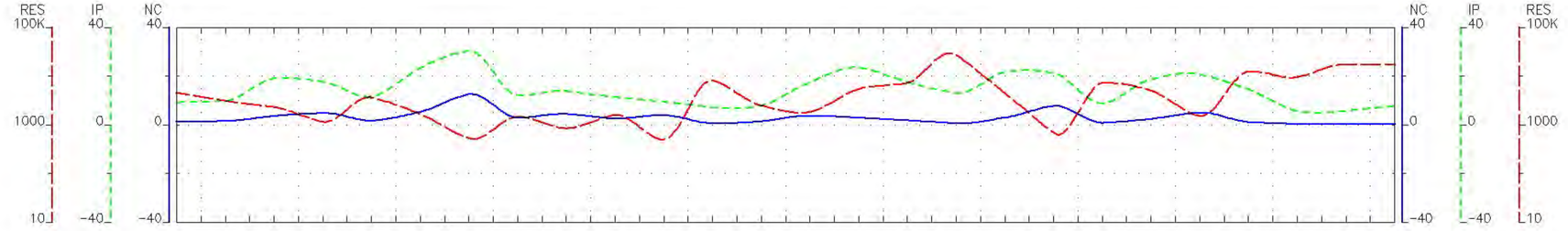
Line 5+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/18 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

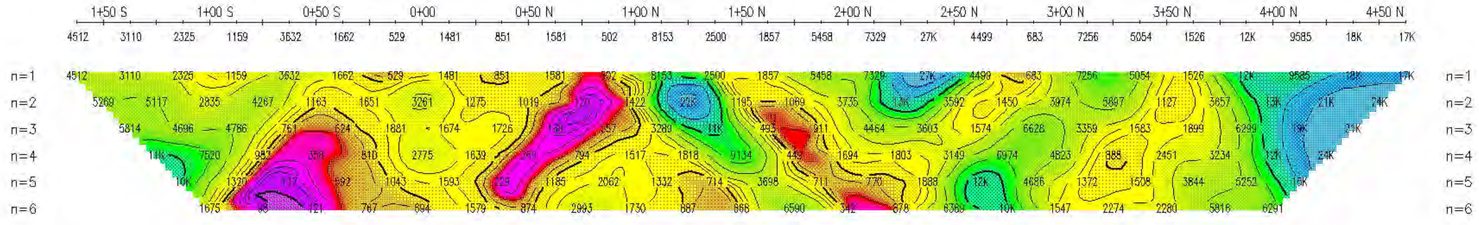
GEOSIG inc.



TOPOGRAPHY

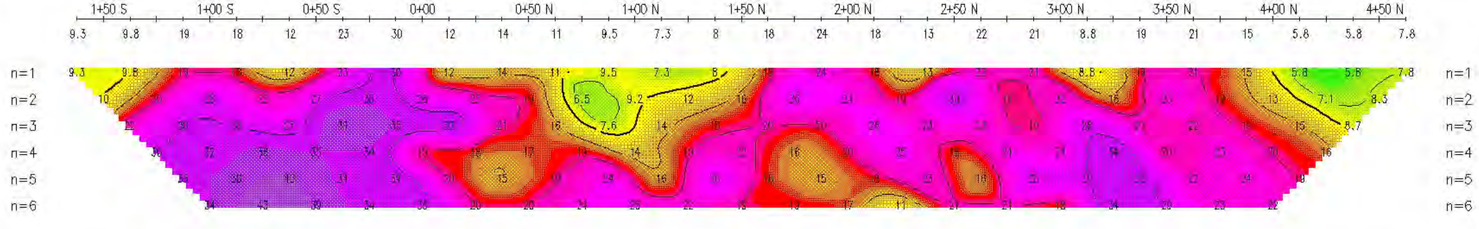
TOPOGRAPHY

RESISTIVITY
(OHM-M)



RESISTIVITY
(OHM-M)

CHARGEABILITY
(msec)

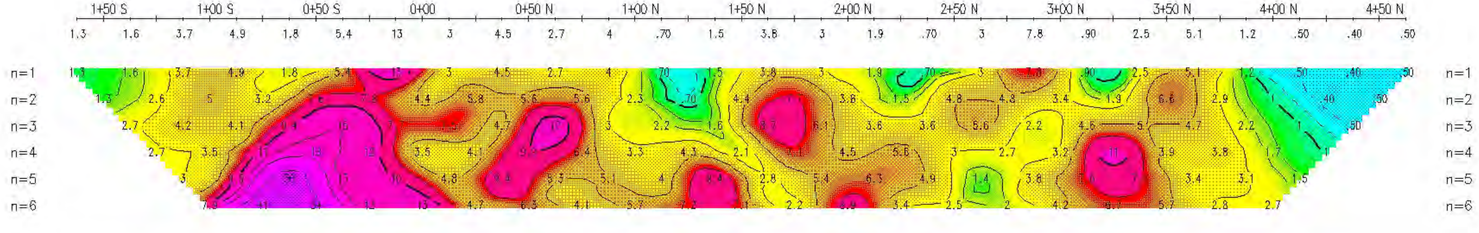


CHARGEABILITY
(msec)

INTERPRETATION

INTERPRETATION

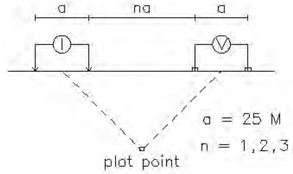
NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)



NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

Line 6+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

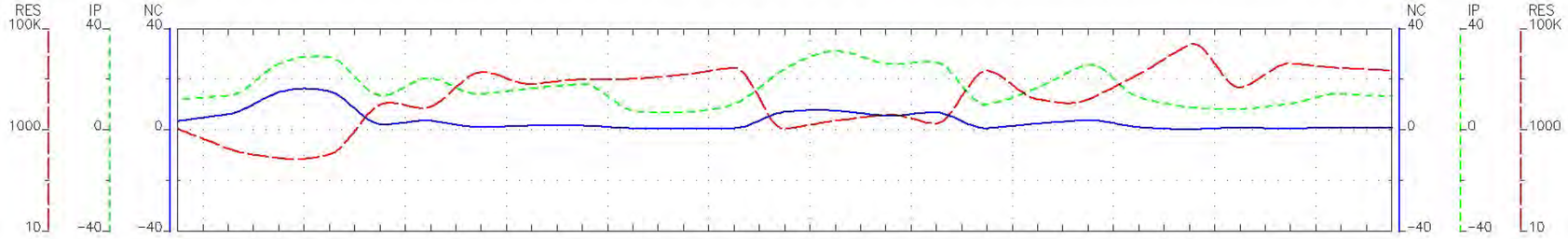
Line 6+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/19 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

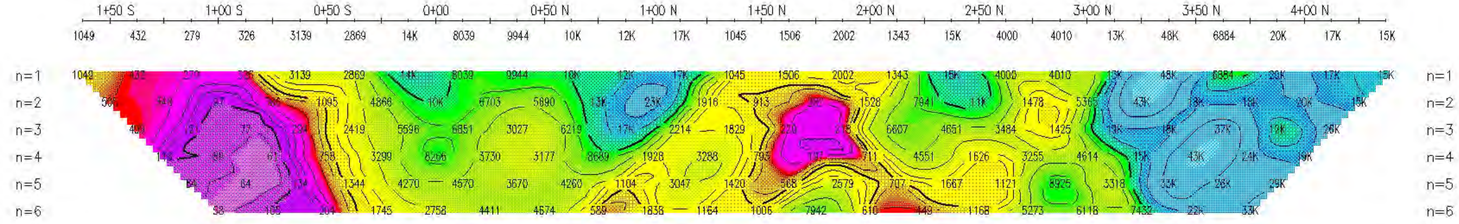
GEOSIG inc.



TOPOGRAPHY

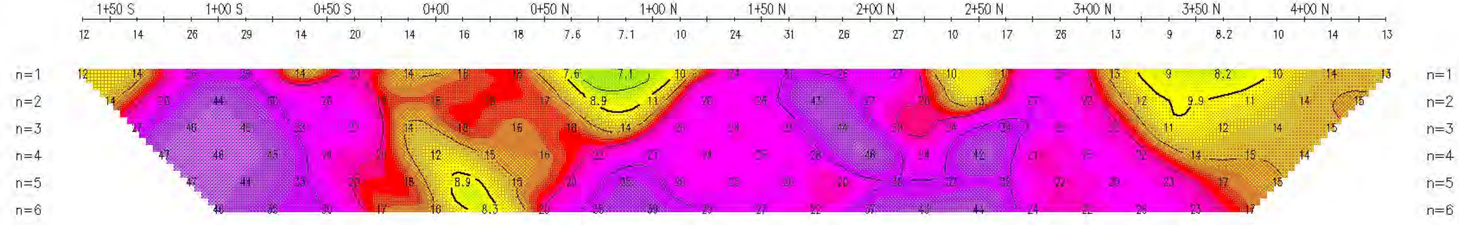
TOPOGRAPHY

RESISTIVITY
(OHM-M)



RESISTIVITY
(OHM-M)

CHARGEABILITY
(msec)

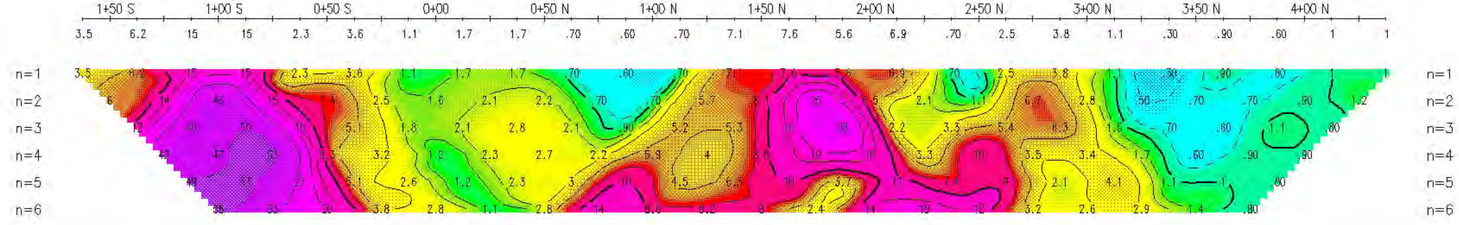


CHARGEABILITY
(msec)

INTERPRETATION

INTERPRETATION

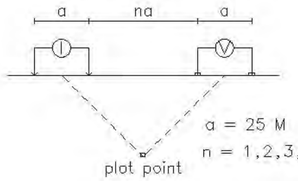
NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)



NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

Line 7+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

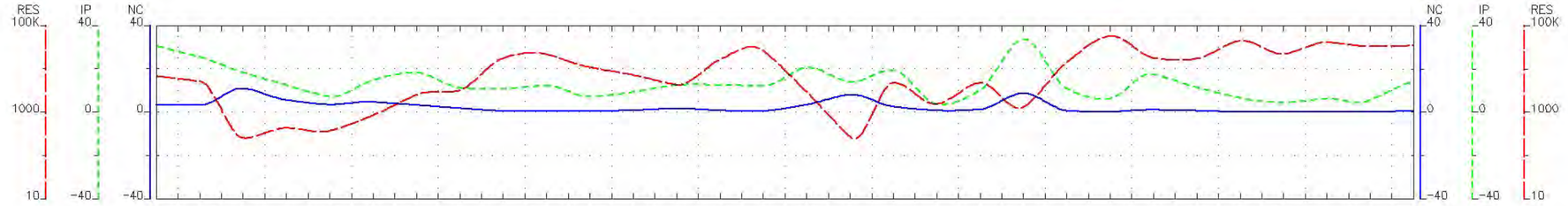
Line 7+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/19 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

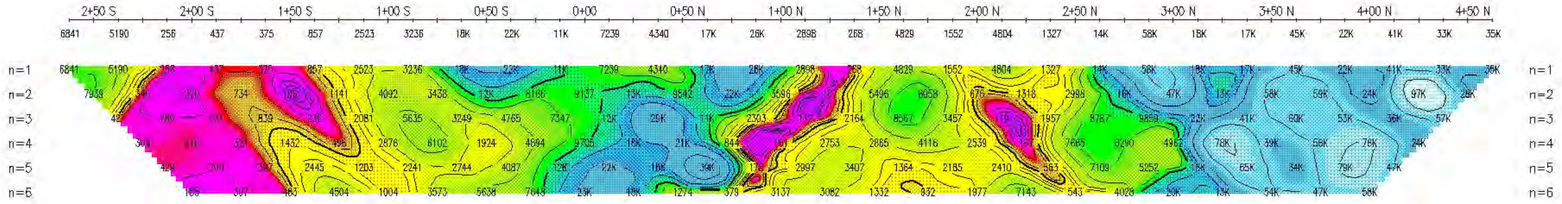
GEOSIG inc.



TOPOGRAPHY

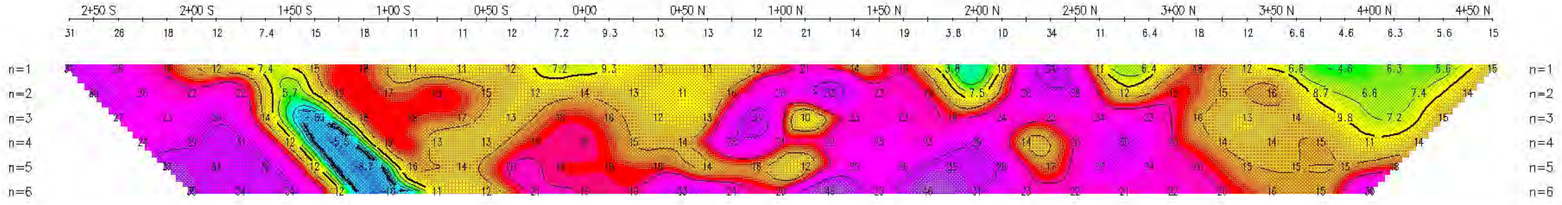
TOPOGRAPHY

RESISTIVITY
(OHM-M)



RESISTIVITY
(OHM-M)

CHARGEABILITY
(msec)

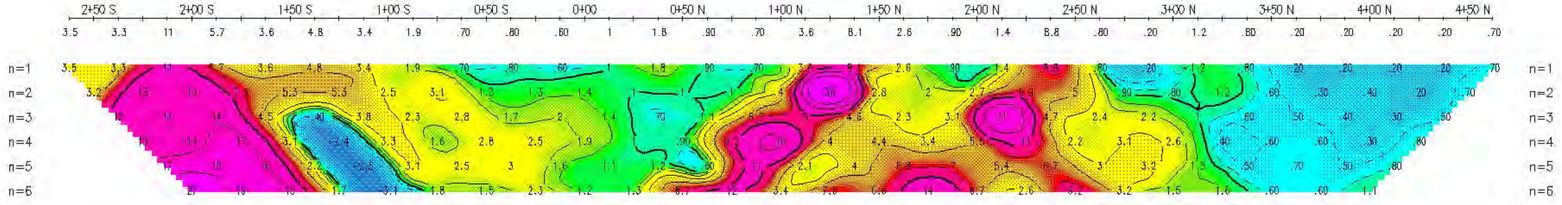


CHARGEABILITY
(msec)

INTERPRETATION

INTERPRETATION

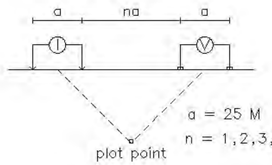
NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)



NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

Line 8+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

Strong increase in IP (0.9 > P > 0.7) with decreased resistivity

Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.

Poorly defined IP (0.4 > P > 0.2) no resistivity signature.

Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

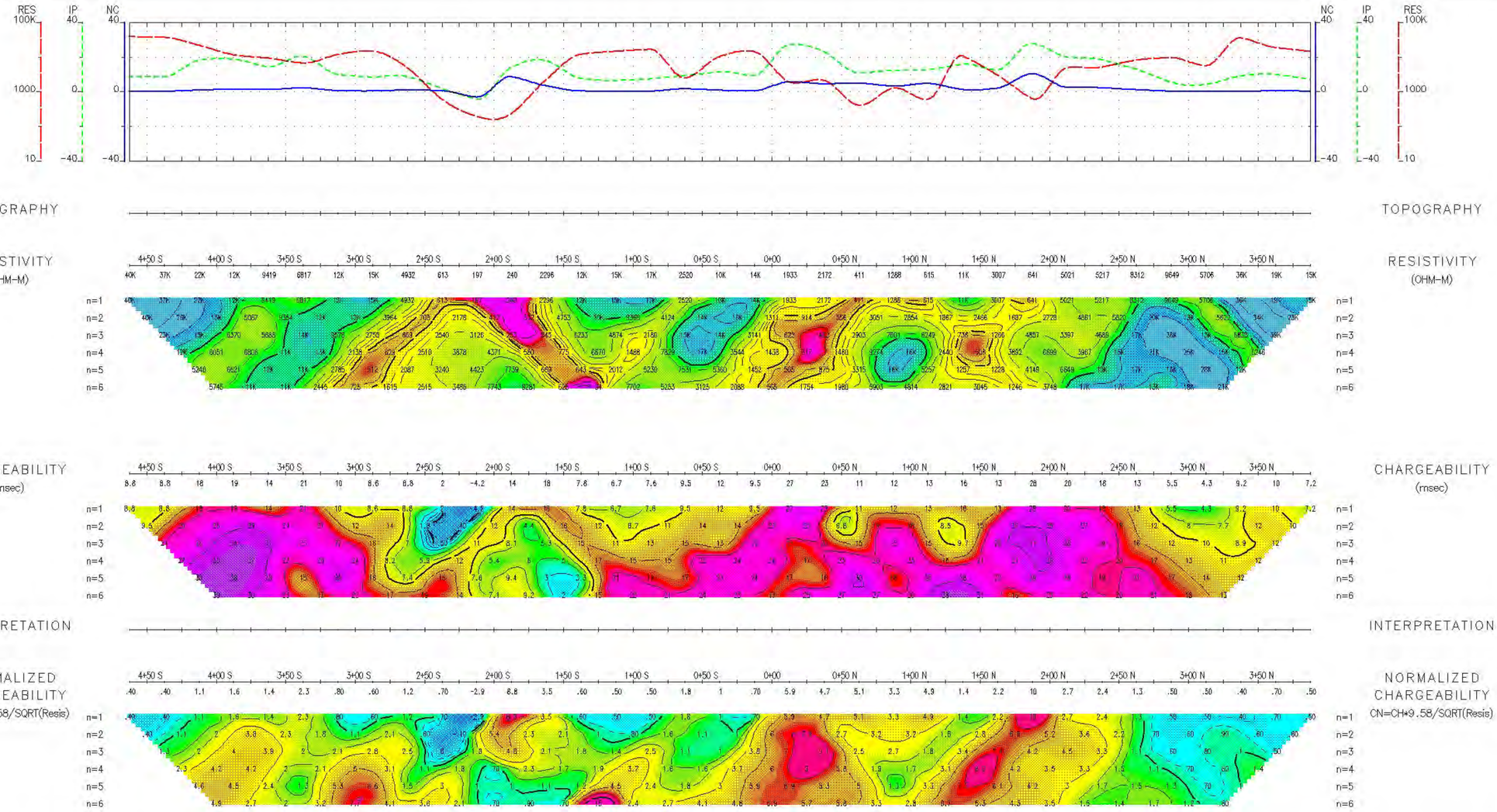
Line 8+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

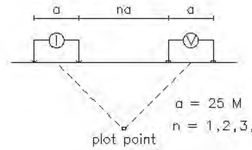
Date: 10/05/19 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

GEOSIG inc.



Line 9+00 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

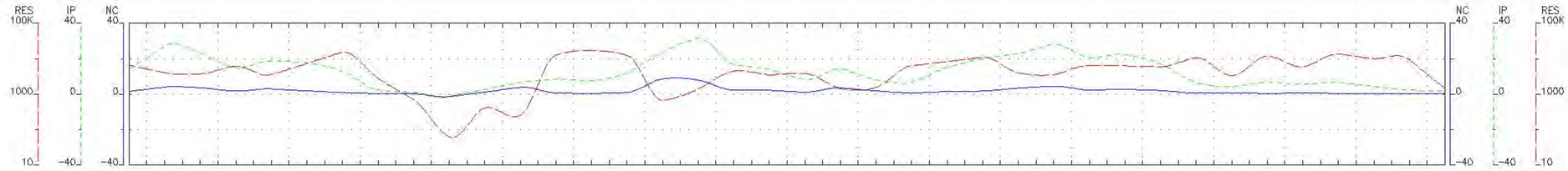
Line 9+00 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/19 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

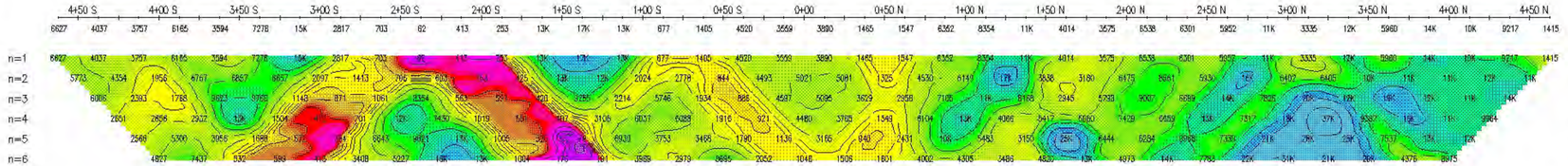
GEOSIG inc.



TOPOGRAPHY

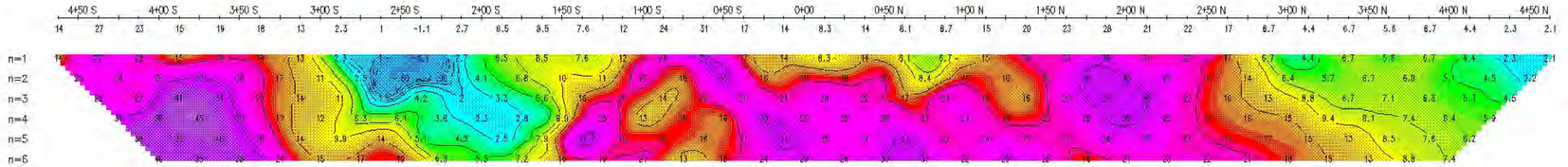
TOPOGRAPHY

RESISTIVITY
(OHM-M)



RESISTIVITY
(OHM-M)

CHARGEABILITY
(msec)

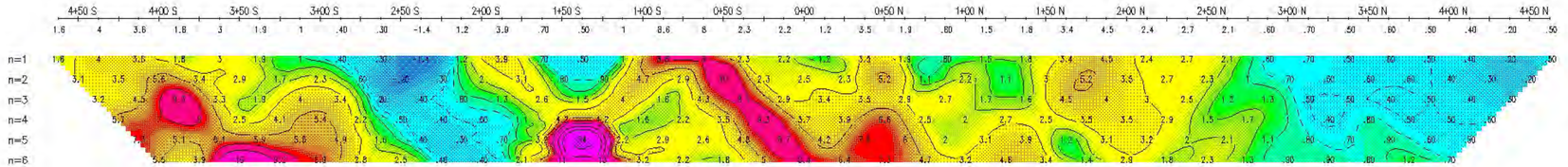


CHARGEABILITY
(msec)

INTERPRETATION

INTERPRETATION

NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

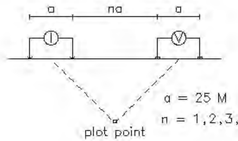


NORMALIZED
CHARGEABILITY
CN=CH*9.58/SQRT(Resis)

Geosoft Software for the Earth Sciences

Line 9+50 W

Dipole-Dipole Array



Profiles N=1

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

Instrument Rx : ELREC-6BRGM # 33
Tx : TX-II 1800W GDD # 228
Generator: HONDA 2000W

Field Work by : Pierre Simoneau

INTERPRETATION

- Strong increase in IP (0.9 > P > 0.7) with decreased resistivity
- Well defined IP anomaly (0.7 >P> 0.4) without resistivity decrease.
- Poorly defined IP (0.4 > P > 0.2) no resistivity signature.
- Very weak anomaly - high resistivity IP< 0.2

SCALE 1:2500

Line 9+50 W

NUINSCO

INDUCED POLARIZATION
Propriété Olympian
Longbow Lake area

Date: 10/05/27 NTS.: 52E/09
Interpreted by: P. Simoneau, geol. Msc.

GEOSIG inc.