

**AN ASSESSMENT REPORT**

**ON**

**MAGNETIC & INDUCED POLARIZATION SURVEYING**

**Big Onion Property  
Babine Range Area,  
Omineca M.D. , B.C.  
54° 48'N, 126° 53'W**

**NTS 93L/15W**

**Claims Surveyed: 521374 – 76, 568627, 570621, 588893**

**Survey Dates: July 7<sup>th</sup> – August 7<sup>th</sup>, September 3<sup>rd</sup> – 6<sup>th</sup>, 2008**

**For**

**EAGLE PEAK RESOURCES INC.**

**Vancouver, B.C.**

**BY**

**PETER E. WALCOTT & ASSOCIATES LIMITED**

**Vancouver, B.C.**

**FEBRUARY 2009**



**ACCOMPANYING MAPS cont'd**

Stack Plots of Apparent Chargeability	Lines 600N to 3350N	1:5,000
Stack Plots of Apparent Resistivity	Lines 600N to 3350N	1:5,000
Contours of Total Field Intensity		1:10,000
Contours of Apparent Chargeability	a=50ms, n=3	1:10,000
" " "	a=50ms, n=5	1:10,000
Contours of Apparent Resistivity	a=50ms, n=3	1:10,000
" " "	a=50ms, n=5	1:10,000

## **INTRODUCTION.**

During the summer of 2008, Peter E. Walcott & Associates Limited was contracted to implement a geophysical programme on behalf of Eagle Peak Resources Inc. of Vancouver, B.C.. The programme consisted of magnetic and induced polarization (I.P.) surveying on the Big Onion property, located approximately sixteen kilometers east of the town of Smithers in northwest British Columbia,

The survey was carried out on two separate occasions. Between July 7<sup>th</sup> and August 7<sup>th</sup> the I.P. survey was completed and a portion of the magnetic survey was done. Between the dates of September 3<sup>rd</sup> and 6<sup>th</sup>, the magnetic survey was concluded on the remaining lines.

The survey grid encompassed an area that ranged from the southeast facing shoulder of Astlais Mountain (Big Onion Mountain) to the eastern most access trails to Babine Mountains Provincial Park. Northwards the grid extended from the southern boundary of Babine Mountains Provincial Park to a small lake named Llama Lake in the south. Line 1400N roughly paralleled Old Babine Lake Road to the north for almost its entire length.

The survey was carried out over fifteen northwest lines that crossed the northeast trending quartz diorite porphyry and feldspar porphyry that form the Big Onion deposit. This conduit of mineralization is roughly centred on Astlais Creek that also bisects the property in a northeasterly direction.

Readings of the earth's total magnetic field were recorded using a GSM 19 proton magnetometer on the magnetic survey, while measurements – first to sixth separation – of apparent chargeability – the I.P. response parameter – and resistivity were made on the respective line traverses using the pole – dipole technique with a 50 metre dipole.

In addition the elevation and horizontal location of the line stations were measured using a Brunton altimeter and a L-1 phase GPS receiver respectively.

The I.P. data is presented as individual pseudo sections at a scale of 1:5,000. In addition contour plans of the third and fifth separation 50 metre dipole data area is also included in this report at a scale of 1:10,000, whereas the magnetic data is also presented in contour form on a plan map of the grid at a scale of 1:10,000.

### **PROPERTY, LOCATION & ACCESS**

The Big Onion property is located in the Omineca Mining Division of British Columbia. It consists of the following mineral tenures held by Eagle Peak Resources Inc.

<b>Name</b>	<b>Tenure No.</b>	<b>Area</b>	<b>Anniversary</b>
	521374	727	September 25
Onion Extension 1	521375	466	“
Onion Extension 2	521376	56	“
	568627	466	October 25
Little Onion	570621	373	November 24
	588893	149	September 25
	594713	56	November 22

It is situated on the southwest facing flank of Astlais Mountain, some 16 kilometres east of the town of Smithers, British Columbia.

Access to the property is from the paved Yellowhead Highway ( Hwy 16 ) along the old Babine Lake road and thence by a myriad of 4x4 wheel trails that border Astlais Creek, a creek that bisects the property north eastwardly.

## **PREVIOUS WORK**

Early prospecting in the area resulted in the discovery of copper occurrences on the property in 1917, with follow-up adit drifting by the prospectors through 1932.

In 1964 Noranda Exploration carried out a programme of geological mapping, sampling and ground geophysics followed by limited diamond drilling.

During 1966-67 Texas Gulf Sulphur took over the property and carried out additional mapping, induced polarization –IP- trenching and drilling.

Blue Rock Mining Corporation conducted further IP work between 1970-71, followed by more extensive drilling – 21 holes.

Canadian Superior Exploration Ltd. Followed up between 1974 to 82 with more mapping, IP surveying and extensive drilling – 88 combined percussion and diamond drill holes. They completed a preliminary ore reserve estimate with figures of 76,092,000 tons of 0.339% Cu and 0.0207 % Mo.

Vantech Resources Ltd. Added some 2,000,000 tons to the estimated reserve in 1991 by drilling 8 more holes using larger core diameter holes – HQ.

Eagle Peak carried out comparison drilling by twinning 11 holes in 2006, followed by a further 73 holes in 2007 to early 2008.

For more detailed information the reader is referred to reports held by Eagle Peak and/or to those accessible in the mineral branch's files of the B.C. government.

## **GEOLOGY**

The reader is referred to the previously mentioned reports and in particular to the 2008 43-101 report on the property by Daryl Hanson, P.Eng. & Gary Giroux, P.Eng..

The property is primarily underlain by andesitic flows and tuffs of the Telkwa Formation of the Lower to Middle Jurassic Hazelton Group beneath an extensive veneer of Pleistocene glacial debris, overlain in places by sedimentary rocks of the Nilkitkwa and Smithers Formations.

The sequence generally dips to the southwest and is offset by steeply northeast trending reverse faults which could be the conduits for the emplacement of the Cretaceous igneous stocks.

Mineralization is dominated by pyrite with lesser amounts of chalcopyrite, molybdenite, bornite and magnetite.

**PURPOSE.**

The purpose of the survey was two-fold; firstly to explore the possibility of further expanding the known mineralization of the quartz feldspar porphyry and quartz diorite porphyry that occurs along the Atlais Creek valley, and secondly, to explore for undiscovered instances of copper molybdenum bearing intrusives on the Big Onion property.



## **SURVEY SPECIFICATIONS.**

### *Magnetic Survey.*

The magnetic survey was carried out using a GSM 19 proton precession magnetometer manufactured by GEM Instruments of Richmond Hill, Ontario. This instrument measures variations in the total intensity of the earth's magnetic field to an accuracy of plus or minus one nanotesla. Corrections for daily variations in the earth's field – the diurnal – were made by comparison with a similar instrument set up at a fixed location – the base – where recordings were made at 10 second intervals.

### *The Induced Polarization Survey.*

The induced polarization (I.P.) survey was conducted using a pulse type system, the principal components of which were manufactured by Hunttec Limited of Metropolitan Toronto, Canada, Walcer Geophysics Limited of Enniskillen, Canada and Iris Instruments of Orleans, France.

The system consists basically of three units, a receiver (Iris), transmitter (Hunttec) and a motor generator (Walcer). The transmitter, which provides a maximum of 7.5 kw d.c. to the ground, obtains its power from a 12.0 kw 400 c.p.s. three phase alternator driven by a Honda 24 h.p. gasoline engine. The cycling rate of the transmitter is 2 seconds “current-on” and 2 seconds “current-off” with the pulses reversing continuously in polarity. The data recorded in the field consists of careful measurements of the current (I) in amperes flowing through the current electrodes C<sub>1</sub> and C<sub>2</sub>, the primary voltages (V) appearing between any two potential electrodes, P<sub>1</sub> through P<sub>n+1</sub>, during the “current-on” part of the cycle, and the apparent chargeability, (M<sub>a</sub>) presented as a direct readout in millivolts per volt using a 200 millisecond delay and a 1000 millisecond sample window by the receiver, a digital receiver controlled by a micro-processor – the sample window is actually the total of twenty individual windows of 50 millisecond widths.

The apparent resistivity ( $\rho_a$ ) in ohm metres is proportional to the ratio of the primary voltage and the measured current, the proportionality factor depending on the geometry

### **SURVEY SPECIFICATIONS cont'd**

of the array used. The chargeability and resistivity are called apparent as they are values which that portion of the earth sampled would have if it were homogeneous. As the earth sampled is usually inhomogeneous the calculated apparent chargeability and resistivity are functions of the actual chargeability and resistivity of the rocks.

The survey was carried out using the "pole-dipole" method of surveying. In this method the current electrode,  $C_1$ , and the potential electrodes,  $P_1$  through  $P_{n+1}$ , are moved in unison along the survey lines at a spacing of "a" (the dipole) apart, while the second current electrode,  $C_2$ , is kept constant at "infinity". The distance, "na" between  $C_1$  and the nearest potential electrode generally controls the depth to be explored by the particular separation, "n", traverse.

On this survey 50 metre dipoles were employed and first to sixth separation readings were obtained. In all some 44.25 kilometres of I.P. and 44.5 kilometres of magnetic traversing were completed.

#### **Vertical control.**

The elevation of the stations were recorded using an ADC Summit altimeter manufactured by Brunton of Wyoming, USA. This instrument measures elevations using barometric pressures to an accuracy of plus or minus 3 metres. Corrections for errors due to variations in atmospheric pressure were made by comparison to readings obtained on a similar instrument, held stationary at one location - the base -, at five minute intervals.

#### **Horizontal control.**

The horizontal position of the stations were acquired by personnel from Ridge Resources of Smithers, British Columbia and recorded using a WAAS equipped Garmin 60CSx L-1 phase GPS receiver.

## **SURVEY SPECIFICATIONS cont'd**

### *Data Presentation.*

The total field magnetic intensity is shown in contour form on a plan map of the grid at a scale of 1:10,000.

The I.P. data are presented as individual pseudo section plots of apparent chargeability and resistivity at a scale of 1:5,000. Plots of the 21 point moving filter – illustrated on the pseudo section – for the above are also displayed in the top window to better show the location of the anomalous zones.

Stacked sections of apparent resistivity and chargeability are also shown at 1:10,000.

Contour plans of the third and fifth separation chargeability and resistivity on an idealized grid have been added at a scale of 1:10,000.

Two dimensional smooth model inversion of the resistivity and chargeability was carried out using the Geotomo RES2DINV Algorithm, an algorithm developed by Loke et-al. This algorithm uses a 2-D finite element method and incorporates topography in modeling resistivity and I.P. data. Nearly uniform starting models are generated by running broad moving-average filters over the respective lines of data. Model resistivity and chargeability properties are then adjusted iteratively until the calculated data values match the observed as closely as possible, given constraints which keep the model section smooth. The smooth chargeability and resistivity models were then imported into Geosoft format for presentation at the same scale of 1:5,000 on the topographic profile. A slight discrepancy can be observed between the measured and modeled plots as the former are processed in Geosoft which assumes horizontal distances for the station separation.

## **DISCUSSION OF RESULTS.**

These should be studied in conjunction with the contents of the most recent technical report undertaken by Daryl Hanson, P.Eng. dated May of 2008 and the 2007 geological and geochemical report prepared by Ken MacDonald P. Geo..

Additional comparison should be done with the I.P. surveys carried out by Barringer Research for Texas Gulf in 1966 and by McPhar Geophysics for Blue Rock in 1970.

The main magnetic & I.P. coverage extended from Line 600N to Line 3350N. In general the lines were three kilometers in length and extended from the 3000E station in the east to 0 station in the west. Lines 1800N and 3150N were shorter on the west due to impassable terrain, while lines 800N and 1000N were less than three kilometres in length due to chaining mistakes. A baseline was established at the 1000E mark and had a bearing of SW to NE and was positioned along the eastern bank of Astlais Creek.

The results of the magnetic survey show a pronounced northeasterly trending high flanking the mineralized northern zone and the intrusive to the northwest. This feature appears to wrap and flank and/or coincide with the southern zone to the southwest.

The bulk of the known mineralization is confined to the area of lower magnetic intensity in the altered zone – magnetite destruction? – inbound of the aforementioned high.

Higher magnetic intensities are also observed flanking the mineralization to the east.

A number of distinct resistivity features are clearly discernible on the respective pseudo sections, inverted sections, contour plan maps as well as on the contours of depth slices obtained from the construction of a 3D model from the inverted sections – see screen shots in Appendix.

These are, as seen on the 100 metre depth slice contour plan, (a) a zone of lower resistivity encompassing the area of known mineralization, (b) an area of lower resistivities to the south of L 1600 E that strikes northwesterly along the base of the topography and presumably indicative of conductive overburden and/or a younger formation in a down faulted block, (c) a narrow linear north northwesterly striking low

## **DISCUSSION OF RESULTS cont'd**

which would appear to be indicative of the sedimentary package – its western edge the contact between the sediments and the underlying volcanics – and (d) an intense resistivity low on the eastern side of the grid striking across Little Onion Mountain and undefined to the south due to the inability to obtain sufficient voltage to ensure a credible reading, presumably attributable to graphitic argillite.

It should be mentioned here before detailed discussion of the chargeability results that excellent correlation was observed on georeferencing the present results within those of the aforementioned reports of Barringer and McPhar.

The chargeability results will also be described with reference to the 100 metre contoured depth slice but the features are also seen on the respective pseudo sections, inverted sections and plan maps.

A northeasterly trending chargeability zone of moderate to high intensity can be seen in the northwest portion of the grid coincident within the known mineralization in the intrusive, and also coincident with the previously described zone of lower resistivity.

Further perusal of the inverted sections shows a smaller zone of higher chargeability and lower resistivity on the northwest boundary of the aforementioned one presumably indicative of a pyritic halo.

South of the known drilling the zone is marked by an increase in chargeability extending into the volcanics and still coincident with that of lower resistivities. Unlike the previous zone it is now associated with higher magnetic intensity.

The volcanics themselves exhibit low chargeability and high resistivity backgrounds.

In the centre of the grid a north northwesterly trending chargeability high denotes the sedimentary package attributable to graphite and/or pyrite within the rocks. This is coincident with the previously mentioned resistivity low.

**DISCUSSION OF RESULTS cont'd**

A similar situation occurs over Little Onion Mountain where the high chargeabilities mimic the lower resistivities. While the zone is not defined on the depth slice plan map on L 1600 to 2200 E, for reasons previously mentioned, its width can be partially estimated from the respective pseudo section plots. Lower magnetics are associated with this zone.

Outbound of this zone is an area of higher resistivity, lower chargeability and higher magnetics which could be indicative of Bulkley intrusions.

Higher chargeabilities associated with higher resistivities can be seen in the corridor between the above two zones. These characteristics do not appear to be indicative of sedimentary mudstones, etc.

Some limited outcrops of intrusive are noted on the Canadian Superior geology map within the corridor. Although no geochemical signature is present, unlike the Big Onion deposit, the possibility for a buried mineralized intrusive exists and should be investigated.

## **SUMMARY, CONCLUSIONS & RECOMMENDATIONS.**

Between July 7<sup>th</sup> and August 7<sup>th</sup>, and September 3<sup>rd</sup> and 6<sup>th</sup>, 2008, Peter E. Walcott & Associates Limited undertook magnetic and induced polarization traversing over parts of the Big Onion property for Eagle Peak Resources Inc.

The property is located straddling Astlais Creek some 16 kilometres east of Smithers, British Columbia.

The surveys were carried out over fifteen north-east lines and employed 50 metre dipoles on the I.P. portion.

The I.P. survey showed excellent correlation with previously conducted similar surveys and showed the mineralization to be contained within a well defined chargeability high – resistivity low zone associated with subdued magnetic intensities.

The survey also defined the volcanic- sedimentary contact to the east of the mineralization, and suggested that the possibility exists for a buried mineralized intrusive exists within the latter rock type.

As a result the writers recommend that further viewing of the existing data be carried out in 3D along with the block model to advance the project, and that consideration be given to flying a heliborne magnetic survey on 100 metre centres over the property to aid in planning future drilling.

Respectfully submitted,

**PETER E. WALCOTT & ASSOCIATES LIMITED**

**Peter E. Walcott, P.Eng.  
Geophysicist**

**P. Alexander Walcott  
Geophysicist**

**Vancouver, B.C.  
February 2009**

**Peter E. Walcott & Associates Limited  
Geophysical Services**

**Magnetic & Induced Polarization Surveying  
Big Onion Property**

**APPENDIX**



**COST OF SURVEY.**

Peter E. Walcott & Associates Limited undertook the I.P. survey on a daily basis, providing a 6 man crew, a 7.5 kw. I.P.system and altimeters at \$3,200.00 per diem, and \$2,400.00 per standby day. The magnetic survey was undertaken at \$110.00 per kilometre. Mobilization costs of \$10,000.00 were incurred, while inversion, modeling and reporting were extra so that the total cost of services provided was \$113,692.08.

Total expenditures for the 2008 ground magnetic, and 2D induced polarization surveys were \$214,295.12 as detailed in the following Table of Expenditures. The costs for the linecutting and supervision were provided by Eagle Peak Resources Inc.

<b>Table of Expenditures</b>			
1)	linecutting (47.75 km)	Ridge Resources	\$98,203.04
2)	3D-IP (45 km)	Peter E. Walcott & Associates	\$113,692.08
3)	supervision, planning, permitting	D. Hanson (4 days @ \$600)	\$2,400.00
		<b>Total</b>	<b>\$214,295.12</b>

**PERSONNEL EMPLOYED ON SURVEY.**

<b>Name</b>	<b>Occupation</b>	<b>Address</b>	<b>Dates</b>
Peter E. Walcott	Geophysicist	Peter E. Walcott & . Associates Limited 608-1540 W, 2nd Ave. Vancouver, B.C.	Feb. 8 <sup>th</sup> -10 <sup>th</sup> 2009
Alexander Walcott	"	"	Dec. 6 <sup>th</sup> - 14 <sup>th</sup> , 2008
John Cornock	"	"	July 7 – 15 <sup>th</sup> 2008
T. Kocan	Geophysical Operator	"	July 14 <sup>th</sup> - Aug 7 <sup>th</sup> 2008 Jan 7 <sup>th</sup> - 10 <sup>th</sup> , 2009
M. Rodrigue	Geophysical Operator	"	July 7 <sup>th</sup> - Aug 3 <sup>rd</sup> 2008
C. Pearson	Geophysical Assistant	"	"
A. Shongrunden	"	"	"
R. Wiens	"	"	July 7 <sup>th</sup> - Aug 7 <sup>th</sup> 2008
D. Little	"	"	"
B. Jones	Geophysical Operator	"	Sept 6 <sup>th</sup> – Sept 9 <sup>th</sup> 2008
A. Harris	Geophysical Assistant	"	"

**Peter E. Walcott & Associates Limited  
Geophysical Services**

**Magnetic & Induced Polarization Surveying  
Big Onion Property**

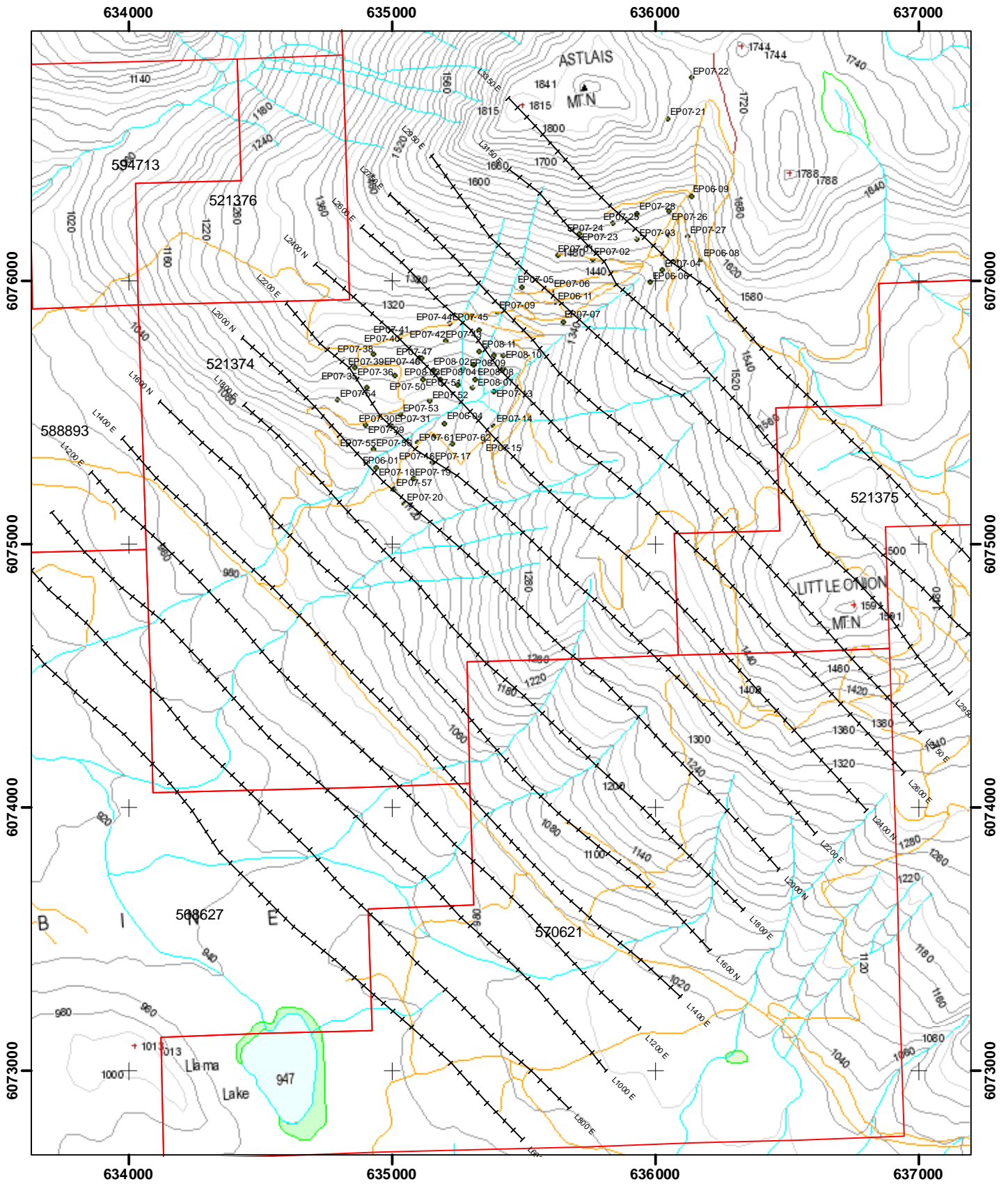
**CERTIFICATION.**

I, Peter E. Walcott of 605 Rutland Court, Coquitlam, British Columbia, hereby certify that:

1. I am graduate of the University of Toronto in 1962 with a B.A.Sc. in Engineering Physics, Geophysics Option.
2. I have been practicing my profession for the last forty six years.
3. I am a member of the Association of Professional Engineers of British Columbia and Ontario.
4. I hold no interest, direct or indirect in Eagle Peak Resources Inc., nor do I expect to receive any.

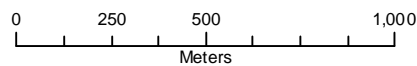
**Peter E. Walcott, P.Eng.**

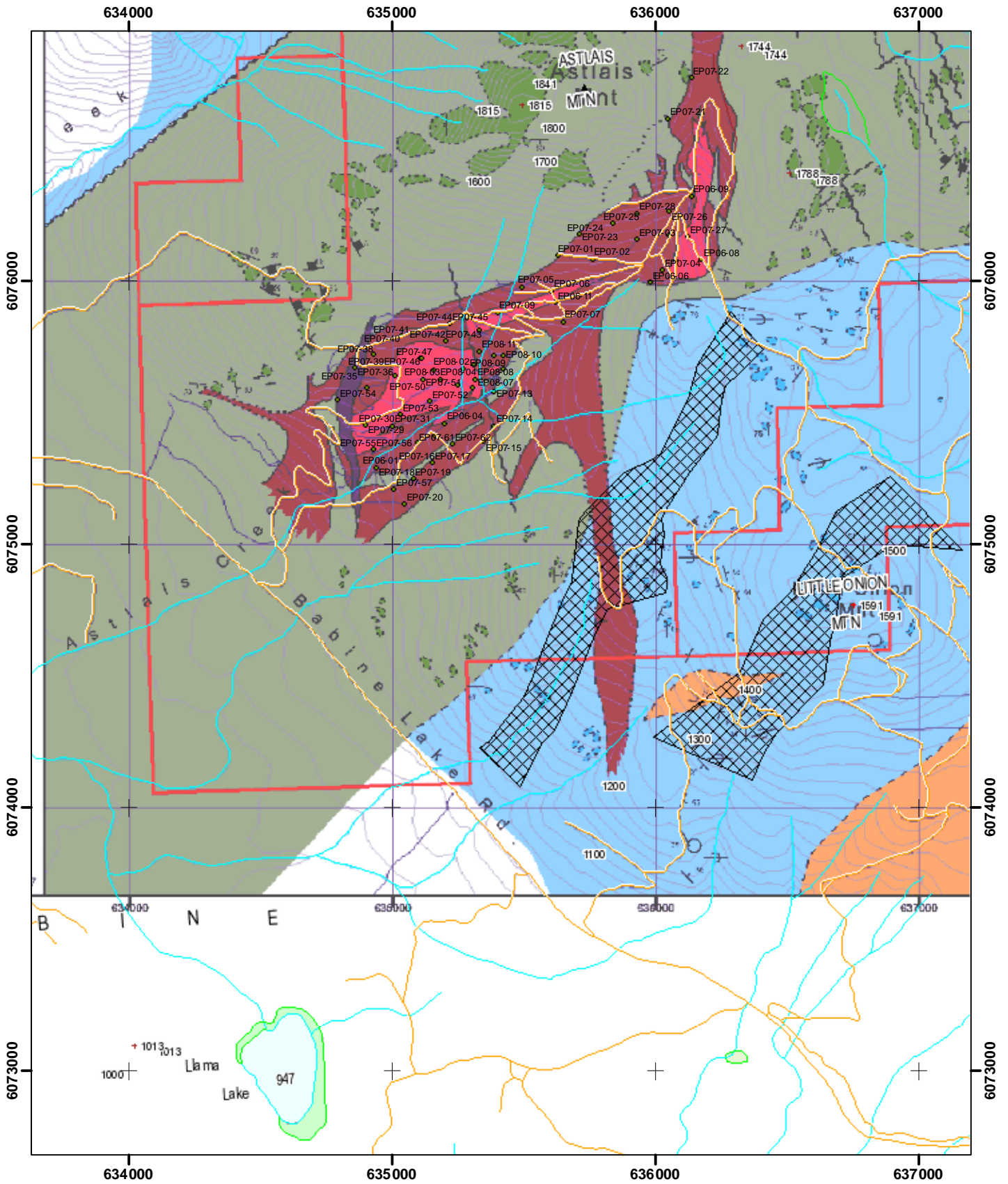
**Vancouver, B.C.  
February 2009**



EAGLE PEAK RESOURCES LTD.  
 BIG ONION PROJECT,  
 SMITHER AREA, BRITISH COLUMBIA

CLAIM AND GRID LOCATION MAP

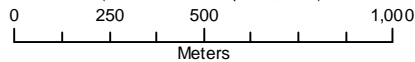


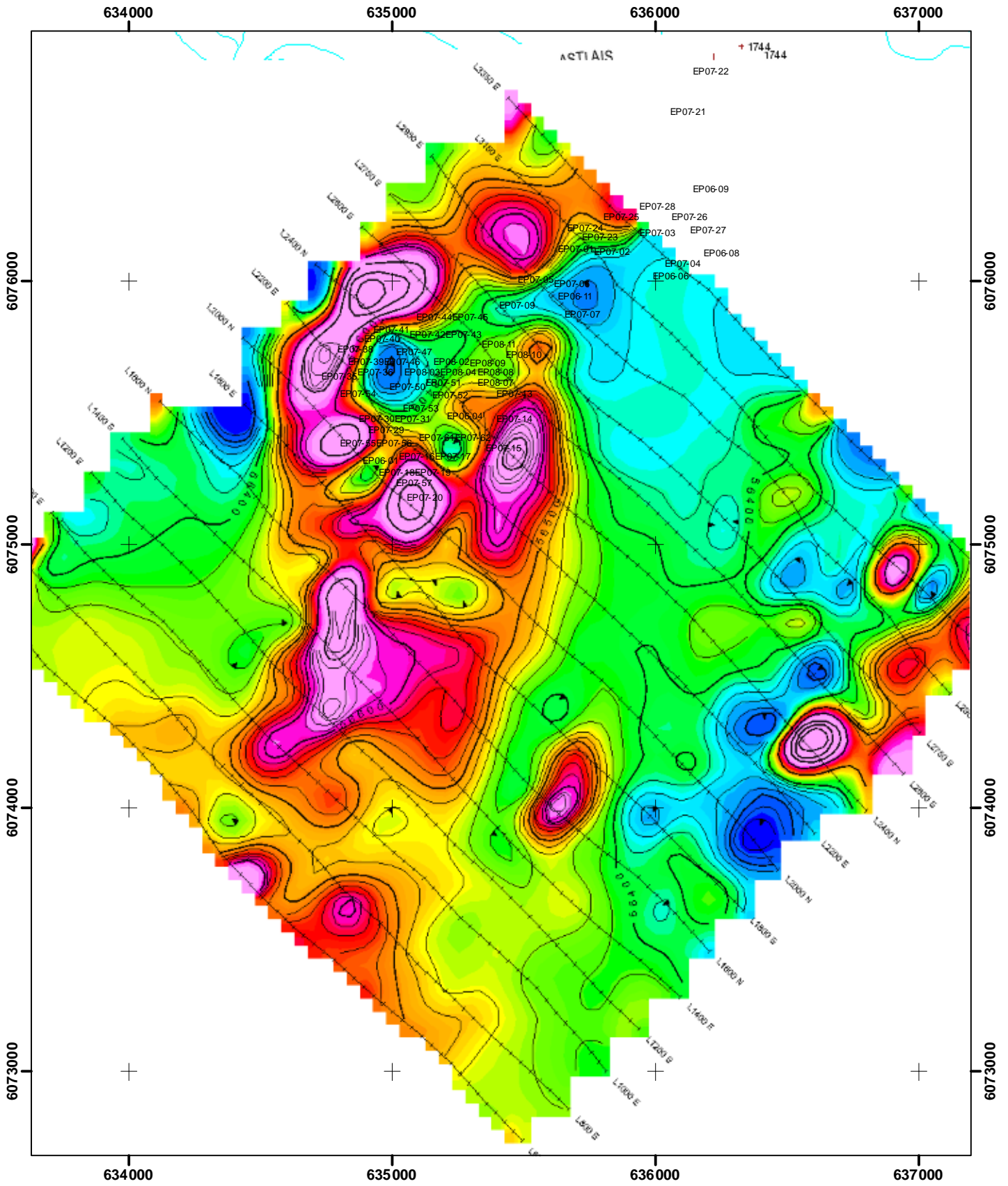


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 BIG ONION PROJECT,  
 SMITHER AREA, BRITISH COLUMBIA

**GEOLOGY**

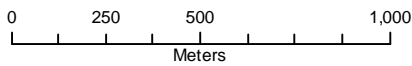
(after Canadian Superior, 1977)

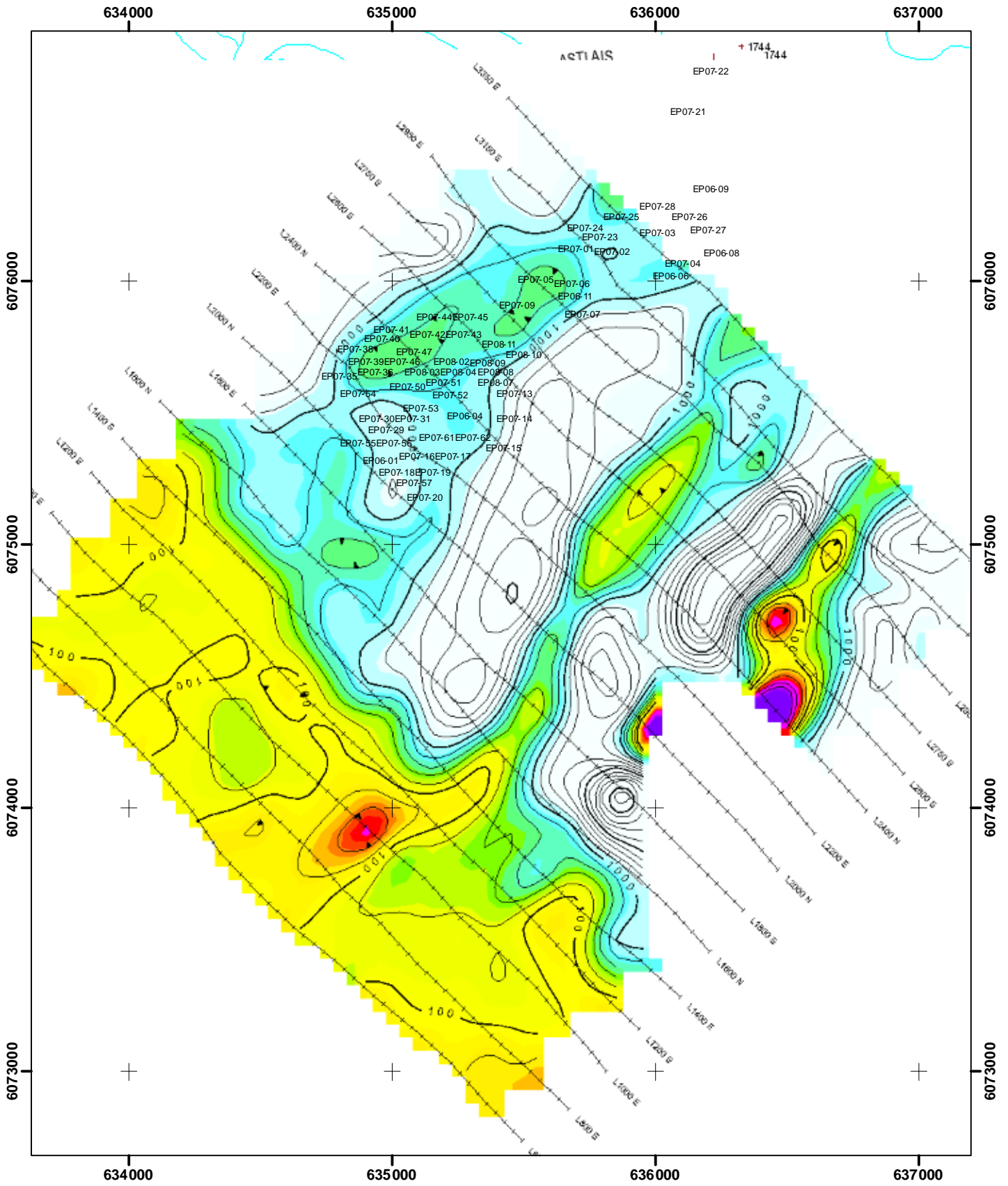




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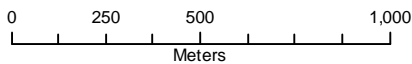
TOTAL FIELD INTENSITY (nT)

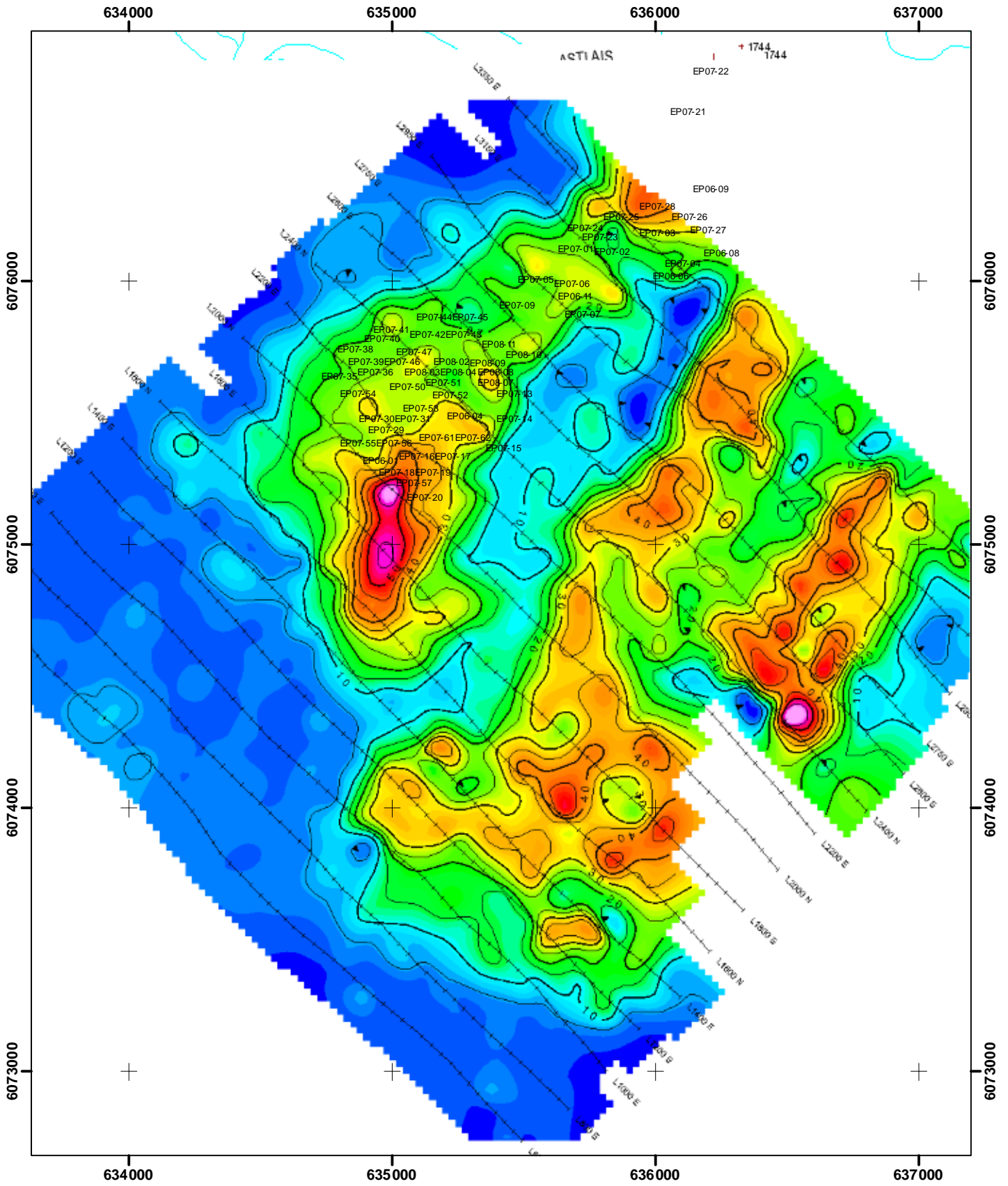




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 SMITHER AREA, BRITISH COLUMBIA

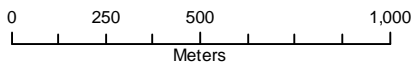
2D MODELLED RESISTIVITY - 100 m Depth



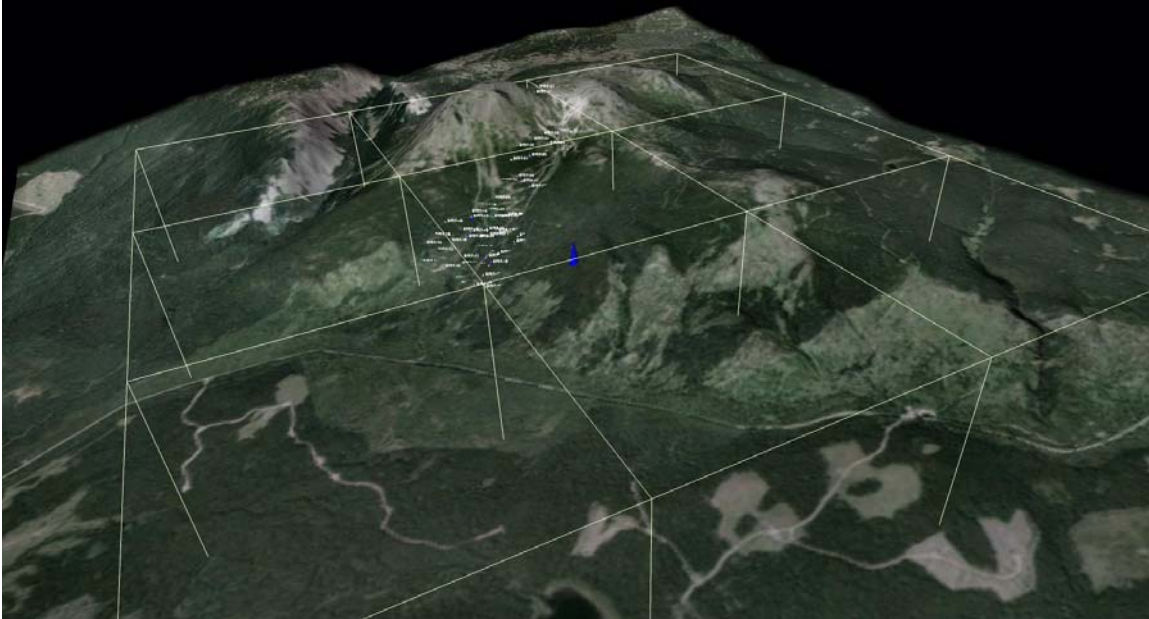


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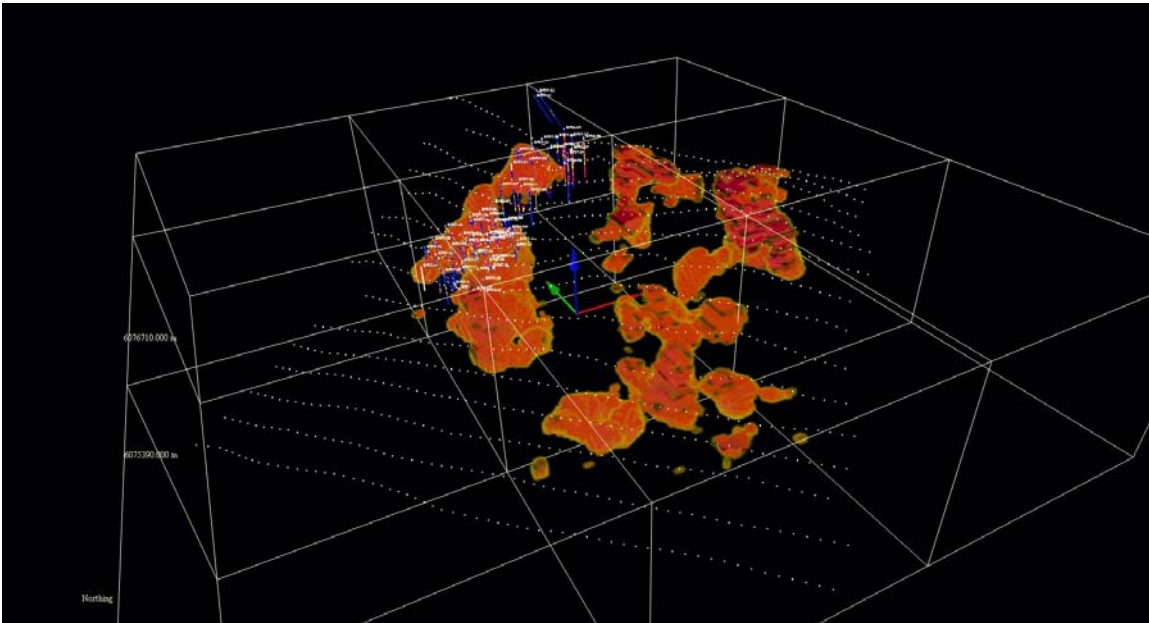
2D MODELLED CHARGEABILITY - 100 m Depth



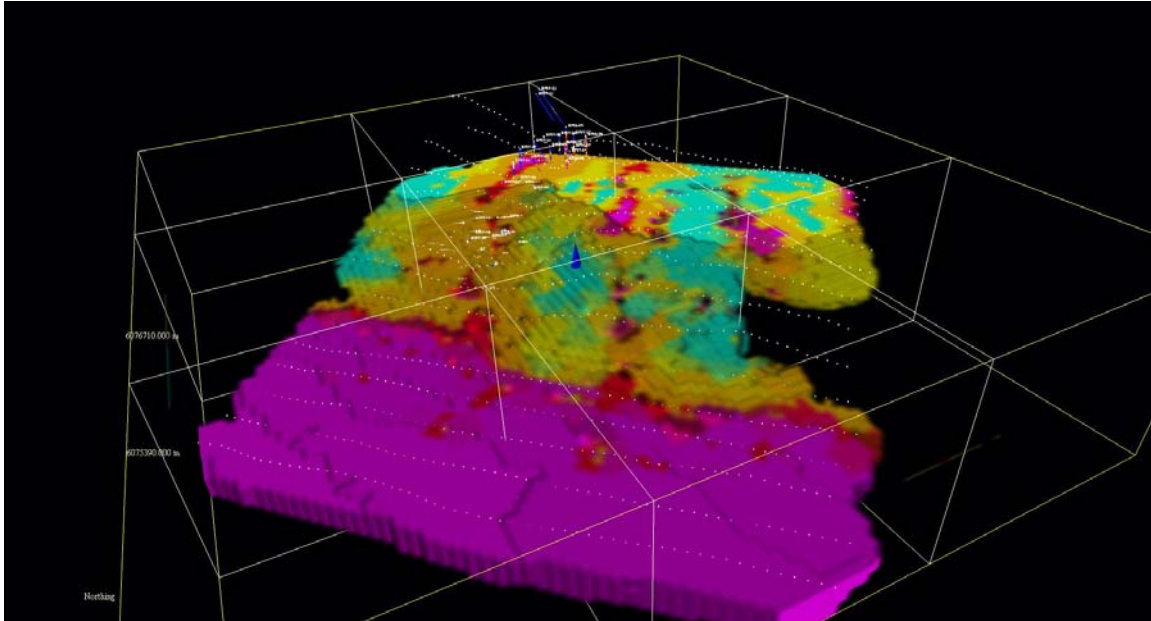




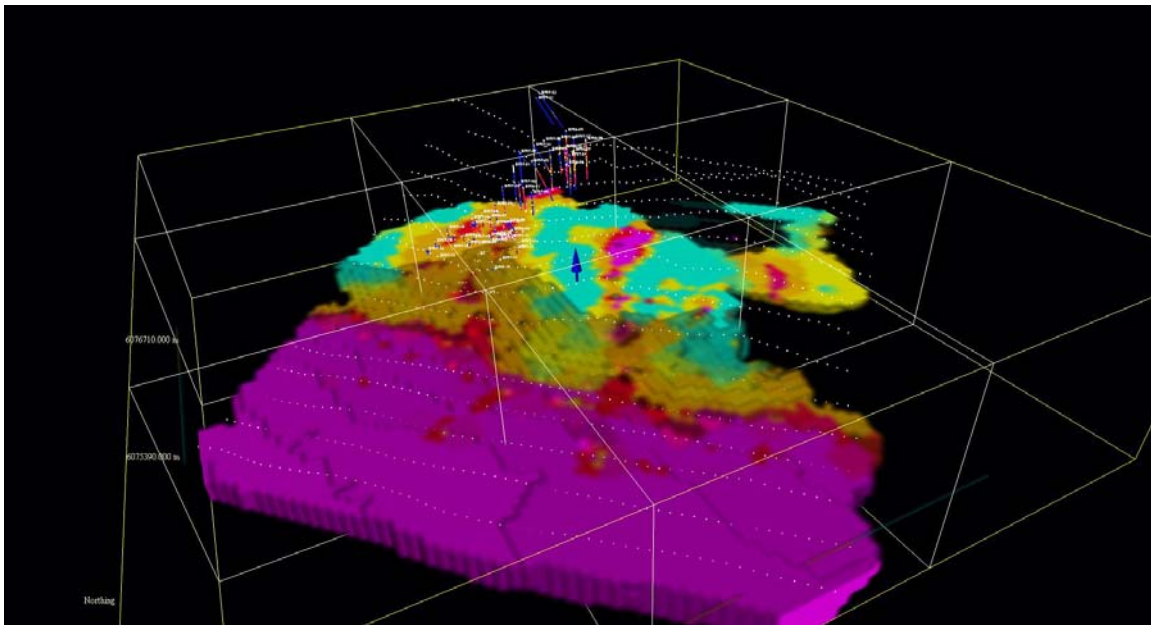
3D View of 2008 Geophysics Survey Area



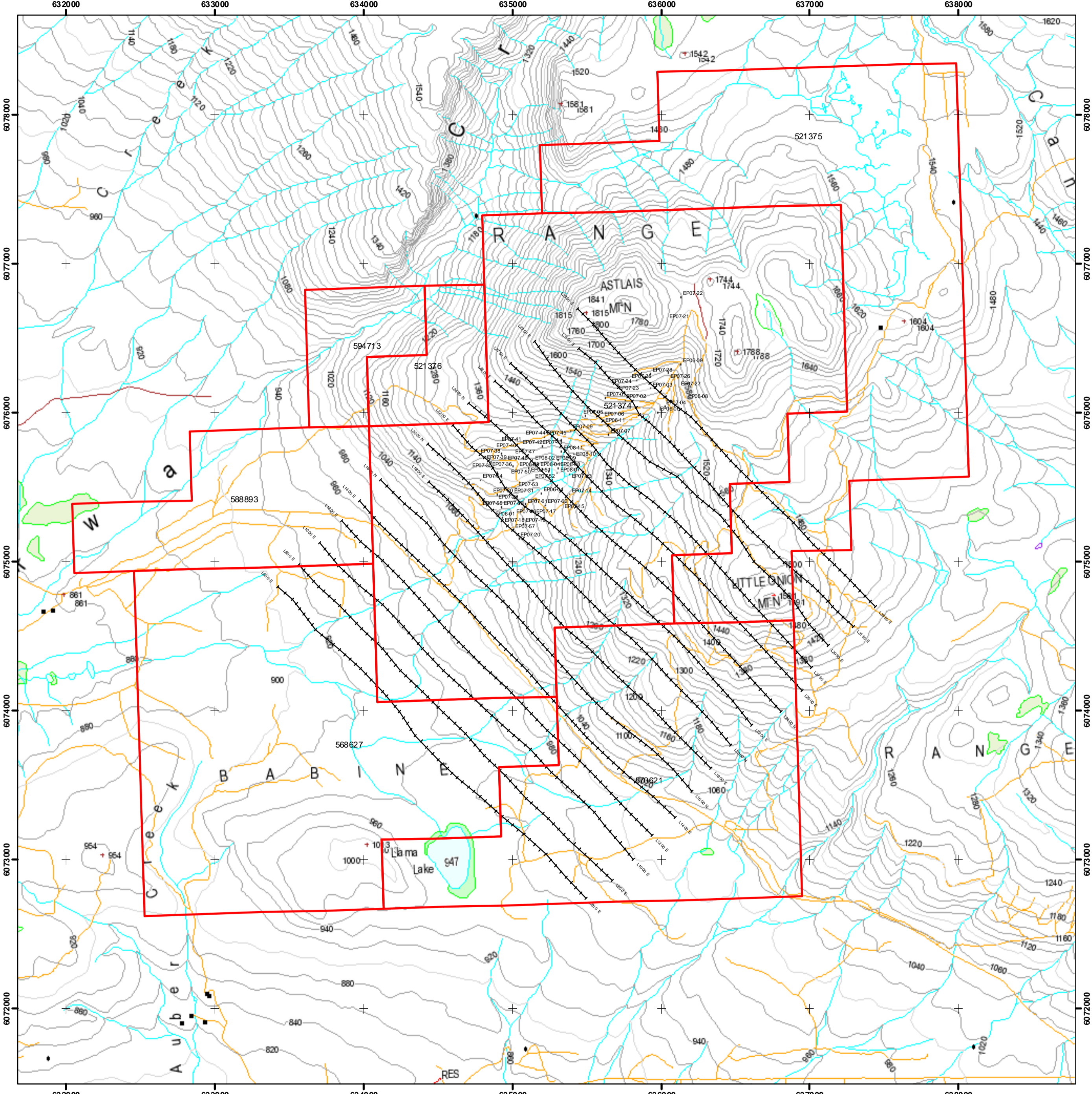
3D View of Modelled Chargeability (mV/V)



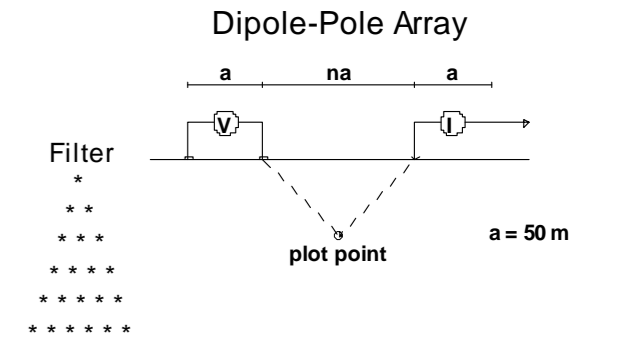
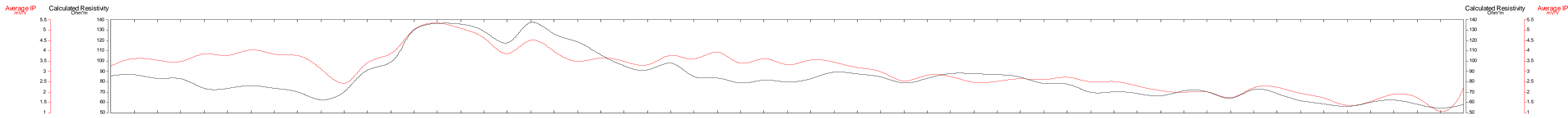
3D View of Modelled Resistivity View of North Zone



3D View of Modelled Resistivity View of South Zone



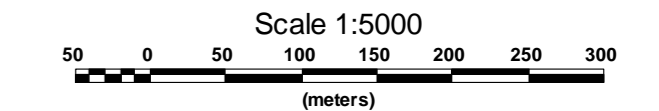
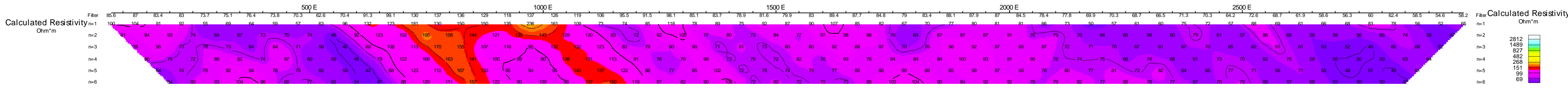
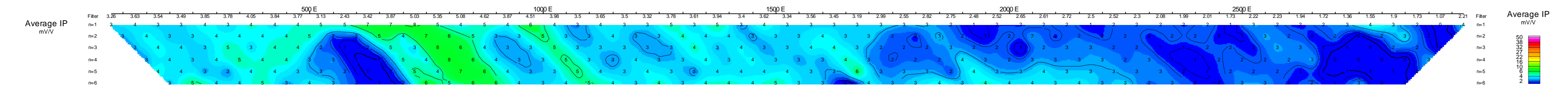
600 N



Instruments: HUNTEC 7.5 kw Tx, ELREC PRO Rx

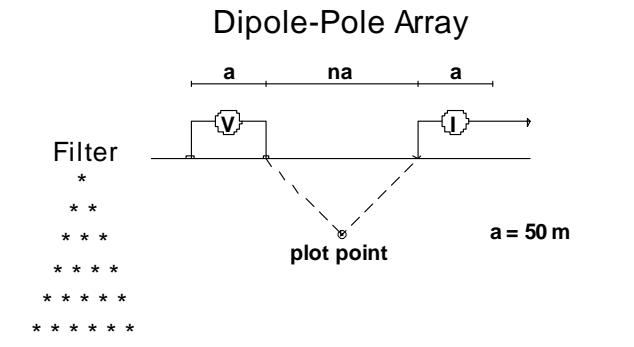
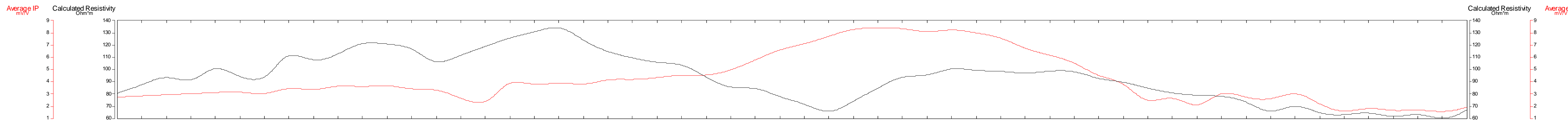
Frequency: 0.125 Hz.  
Operators: T.K., J.C.

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



EAGLE PEAK RESOURCES INC.  
INDUCED POLARIZATION SURVEY  
BIG ONION PROPERTY  
OMINECA M.D., BRITISH COLUMBIA  
Date: JULY 2008  
PETER E. WALCOTT & ASSOCIATES LIMITED

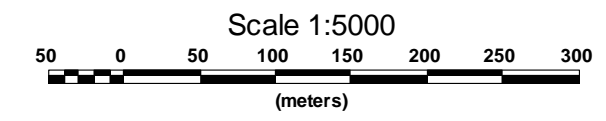
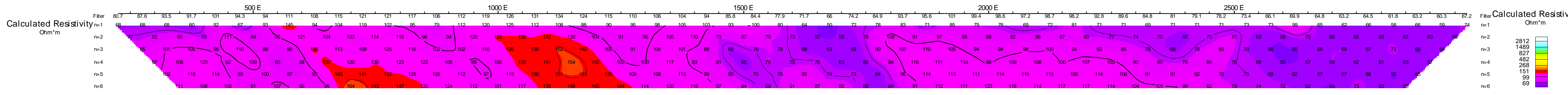
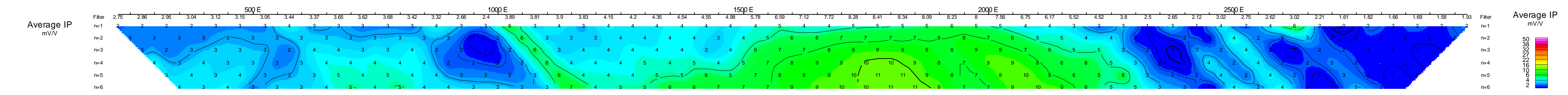
800 N



Instruments: HUNTEC 7.5 kw Tx, ELREC PRO Rx

Frequency: 0.125 Hz.  
Operators: T.K., J.C.

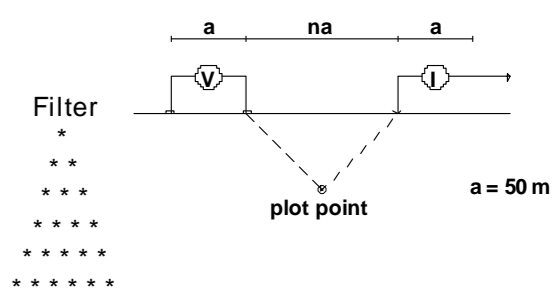
Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...



EAGLE PEAK RESOURCES INC.  
INDUCED POLARIZATION SURVEY  
BIG ONION PROPERTY  
OMINECA M.D., BRITISH COLUMBIA  
Date: JULY 2008  
PETER E. WALCOTT & ASSOCIATES LIMITED

1000 N

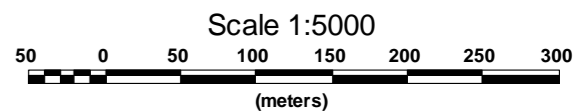
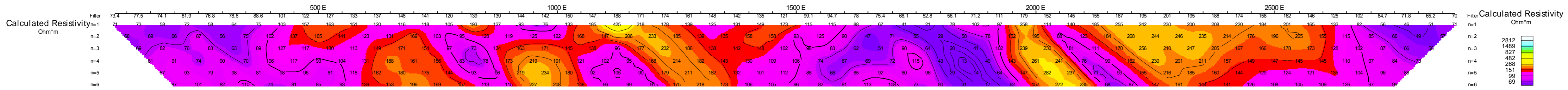
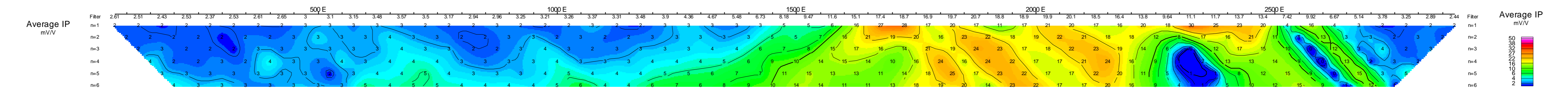
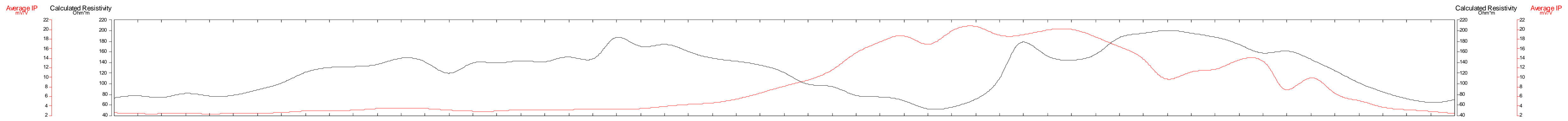
Dipole-Pole Array



Instruments: HUNTEC 7.5 kw Tx, ELREC PRO Rx

Frequency: 0.125 Hz.  
Operators: T.K., J.C.

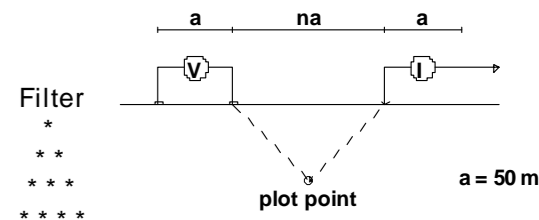
Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...



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1200 N

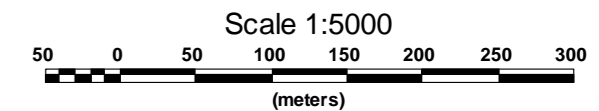
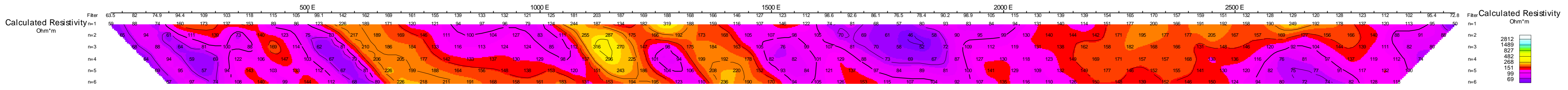
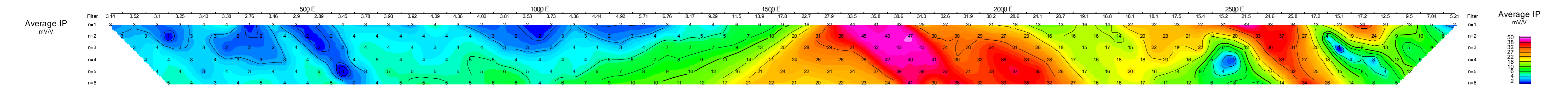
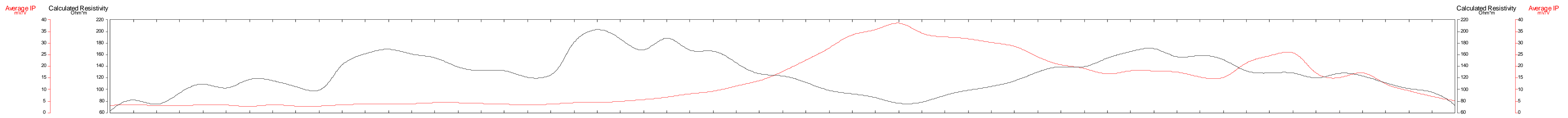
Dipole-Pole Array



Instruments: HUNTEC 7.5 kw Tx, ELREC PRO Rx

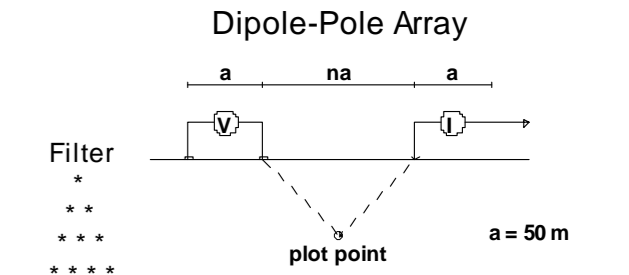
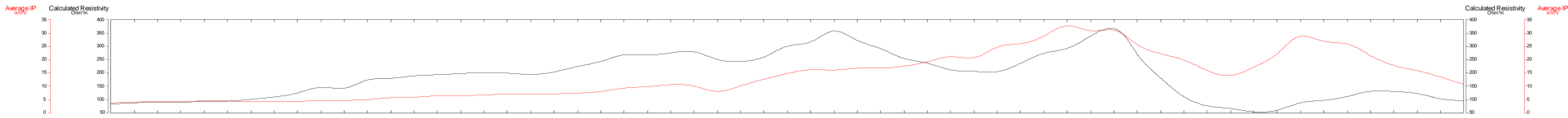
Frequency: 0.125 Hz.  
Operators: T.K., J.C.

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



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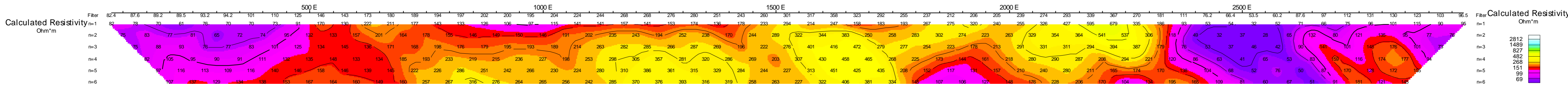
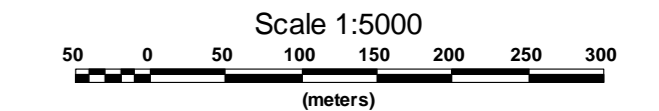
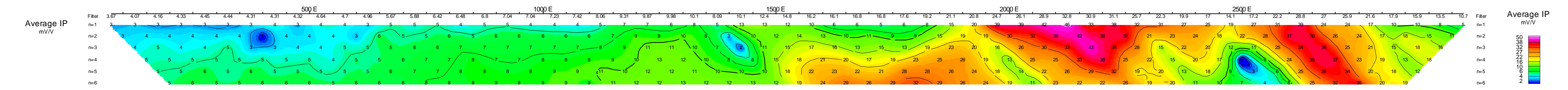
1400 N



Instruments: HUNTEC 7.5 kw Tx, ELREC PRO Rx

Frequency: 0.125 Hz.  
Operators: T.K., J.C.

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

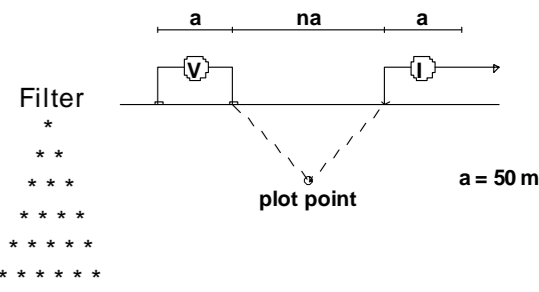


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1600 N

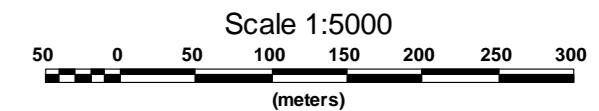
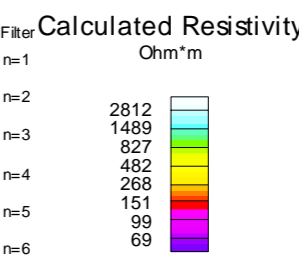
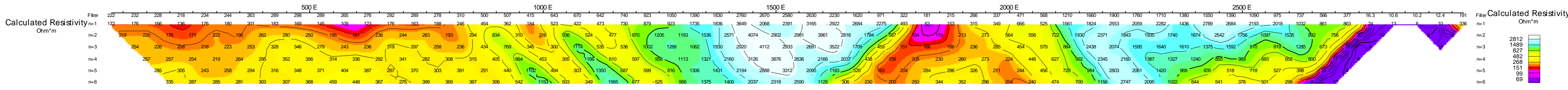
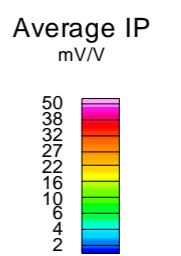
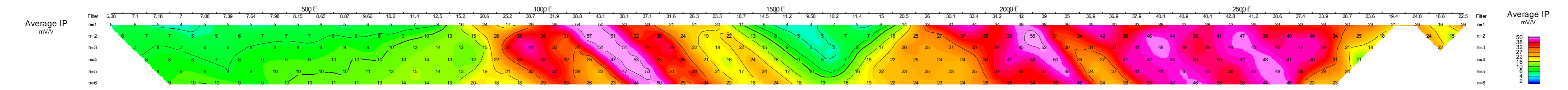
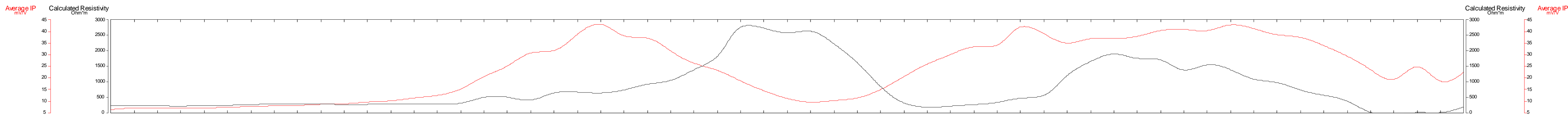
Dipole-Pole Array



Instruments: HUNTEC 7.5 kw Tx, ELREC PRO Rx

Frequency: 0.125 Hz.  
Operators: T.K., J.C.

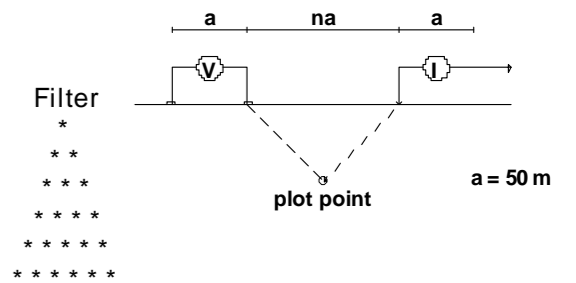
Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...



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1800 N

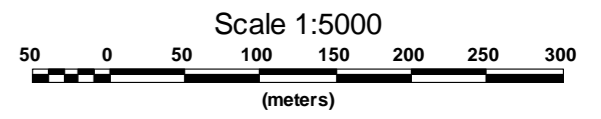
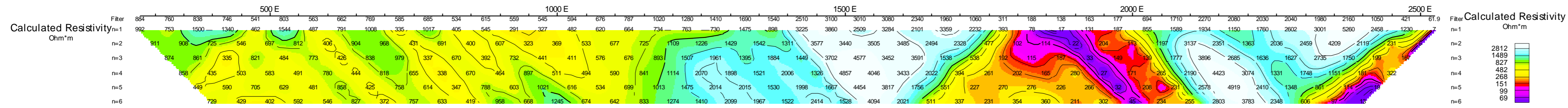
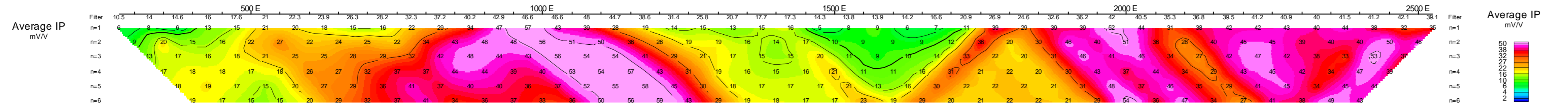
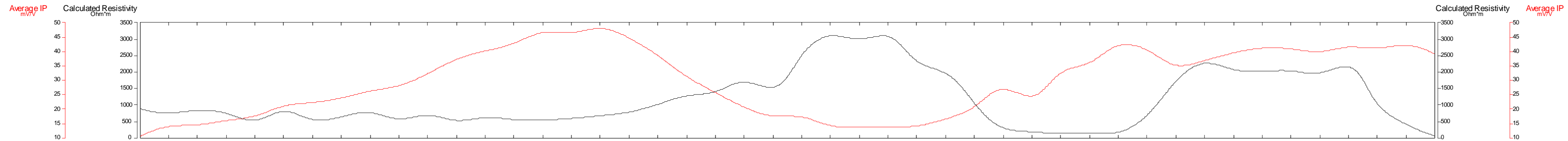
Dipole-Pole Array



Instruments: HUNTEC 7.5 kw Tx, ELREC PRO Rx

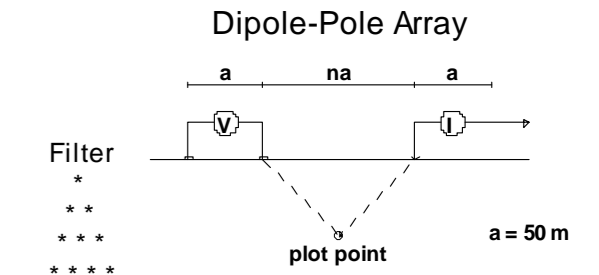
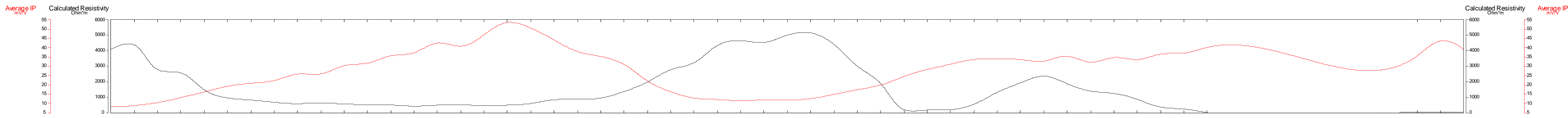
Frequency: 0.125 Hz.  
Operators: T.K., J.C.

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

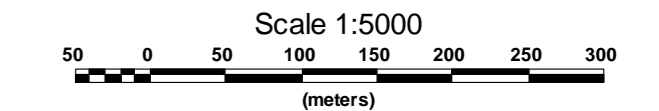
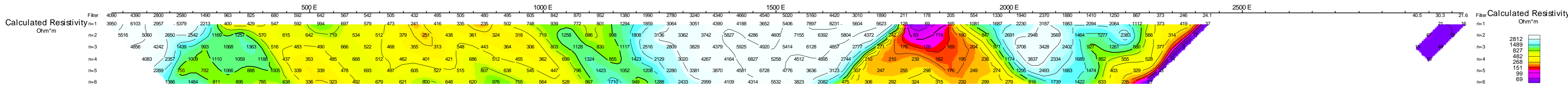
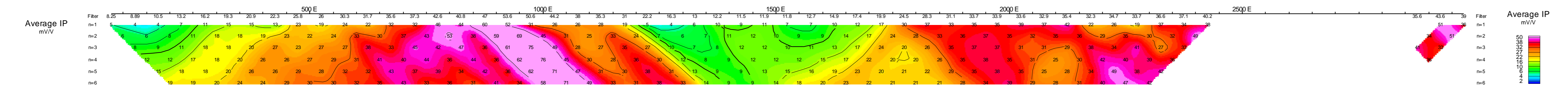


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2000 N



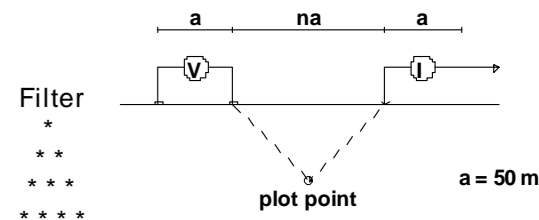
Instruments: HUNTEC 7.5 kw Tx, ELREC PRO Rx  
 Frequency: 0.125 Hz.  
 Operators: T.K., J.C.  
 Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...



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2200 N

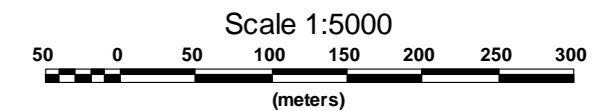
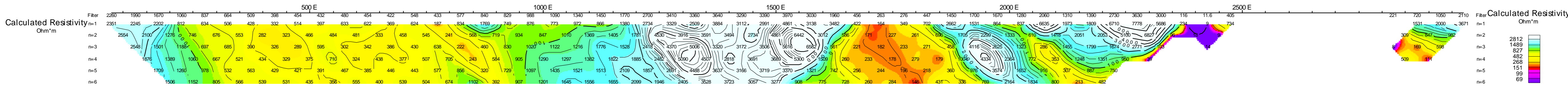
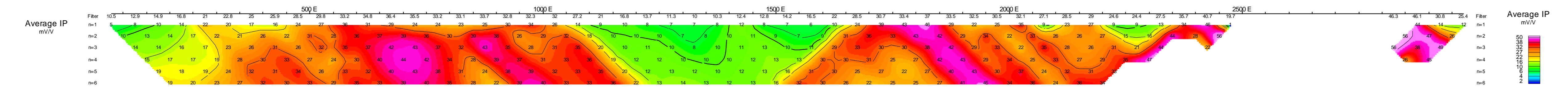
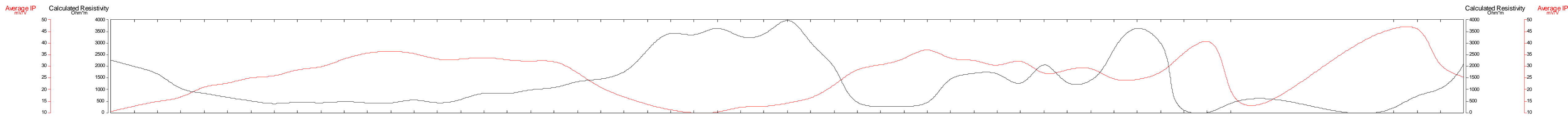
Dipole-Pole Array



Instruments: HUNTEC 7.5 kw Tx, ELREC PRO Rx

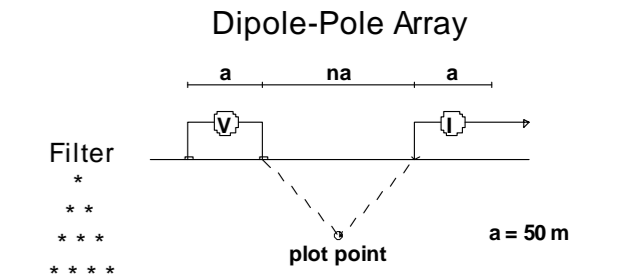
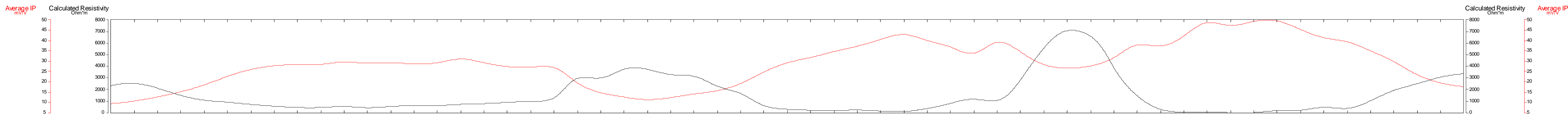
Frequency: 0.125 Hz.  
Operators: T.K., J.C.

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



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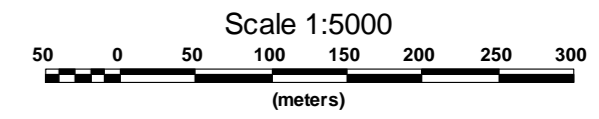
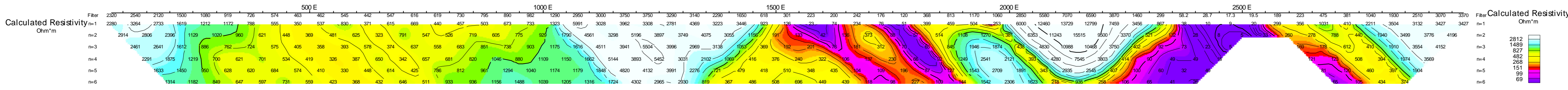
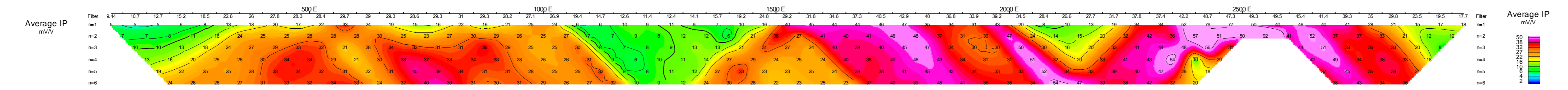
2400 N



Instruments: HUNTEC 7.5 kw Tx, ELREC PRO Rx

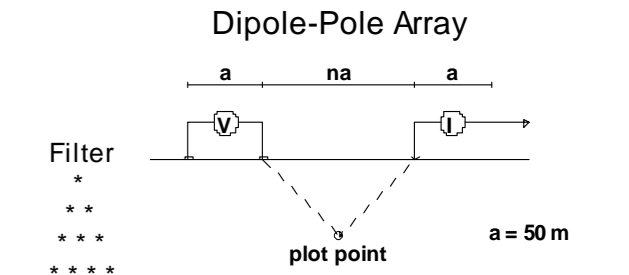
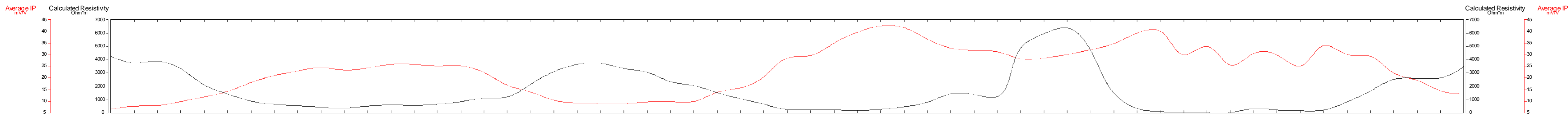
Frequency: 0.125 Hz.  
Operators: T.K., J.C.

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



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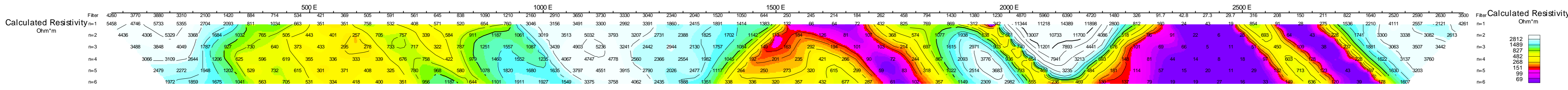
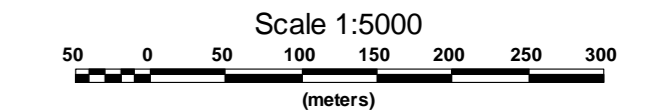
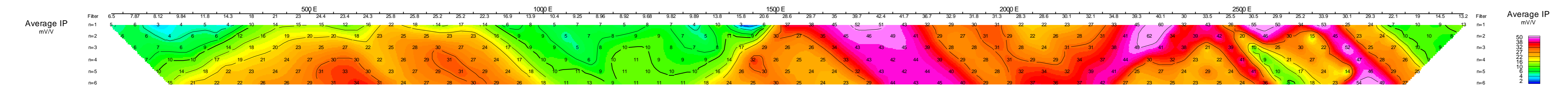
2600 N



Instruments: HUNTEC 7.5 kw Tx, ELREC PRO Rx

Frequency: 0.125 Hz.  
Operators: T.K., J.C.

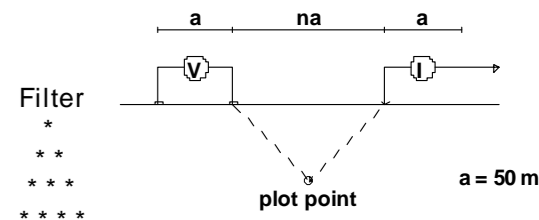
Logarithmic  
Contours 1, 1.5, 2, 3, 5, 7.5, 10,...



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2750 N

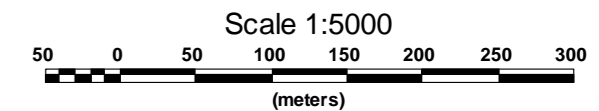
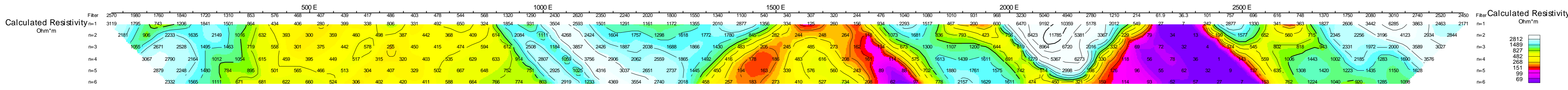
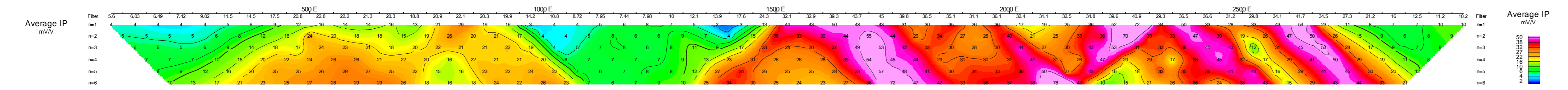
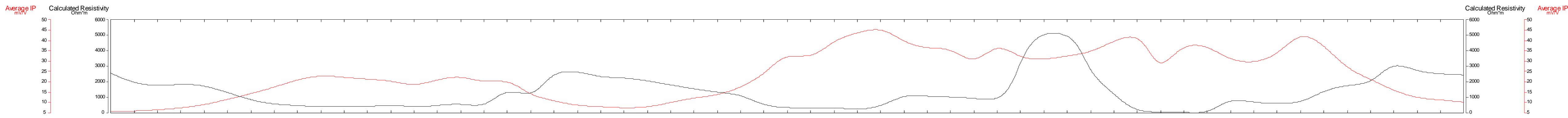
Dipole-Pole Array



Instruments: HUNTEC 7.5 kw Tx, ELREC PRO Rx

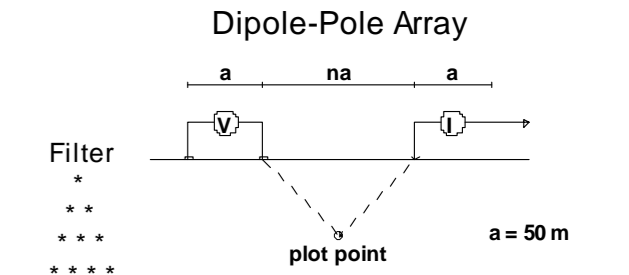
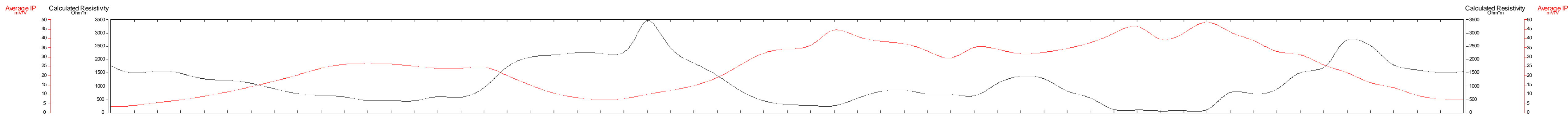
Frequency: 0.125 Hz.  
Operators: T.K., J.C.

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



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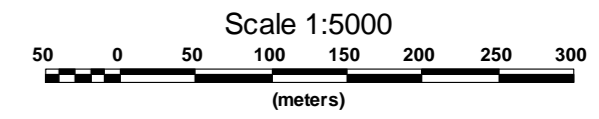
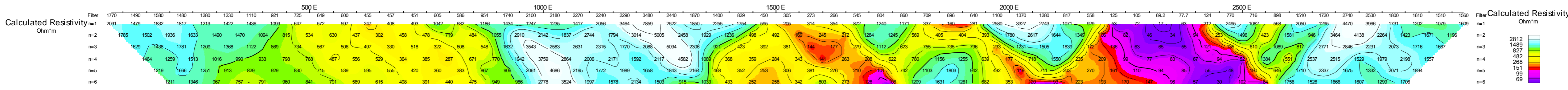
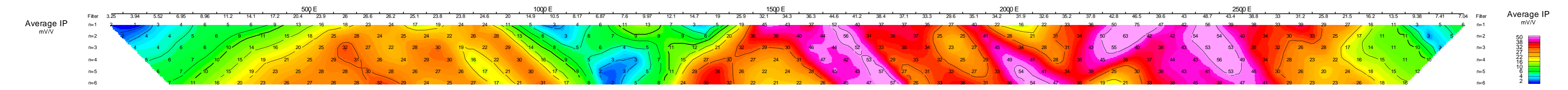
2950 N



Instruments: HUNTEC 7.5 kw Tx, ELREC PRO Rx

Frequency: 0.125 Hz.  
Operators: T.K., J.C.

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

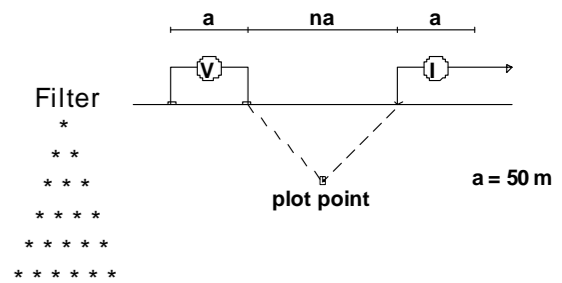


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3150 N

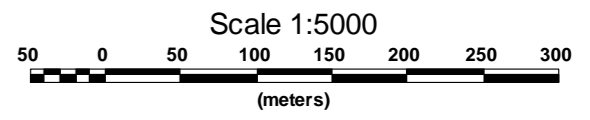
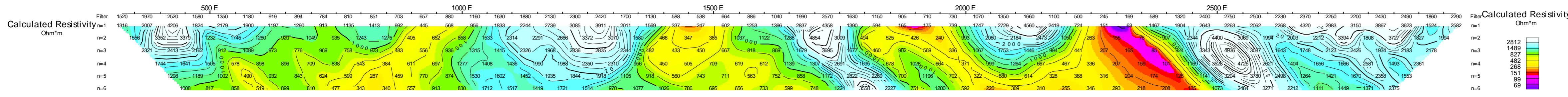
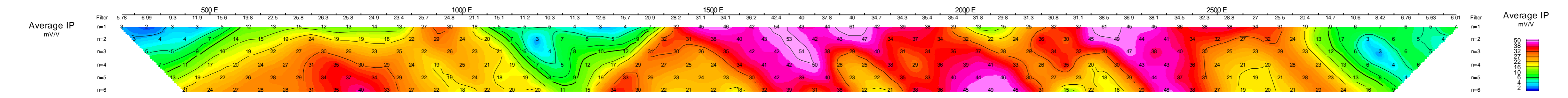
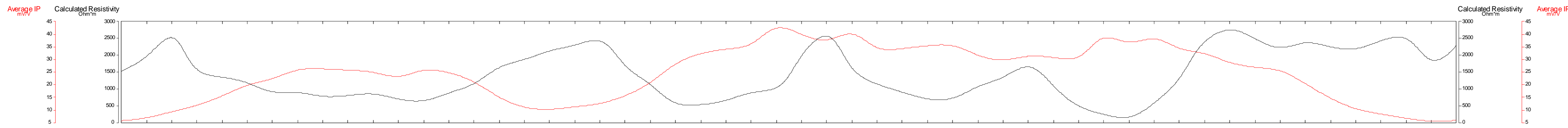
Dipole-Pole Array



Instruments: HUNTEC 7.5 kw Tx, ELREC PRO Rx

Frequency: 0.125 Hz.  
Operators: T.K., J.C.

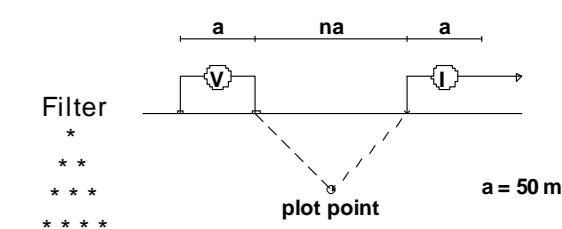
Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...



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3350 N

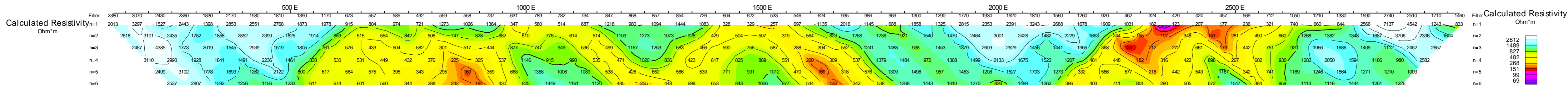
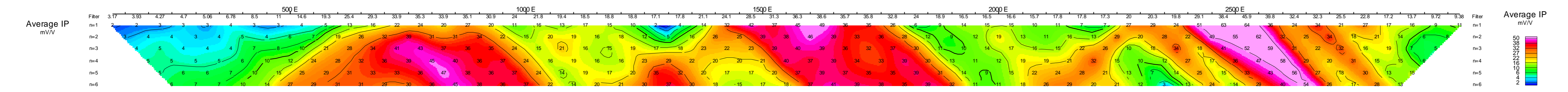
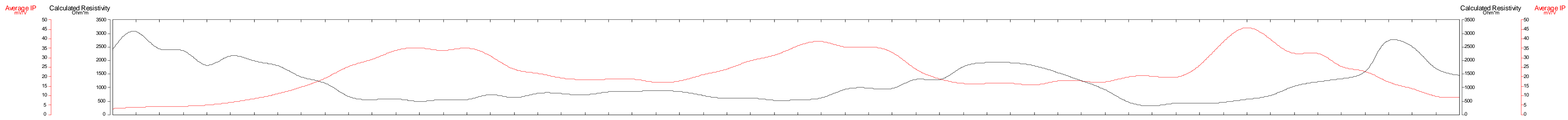
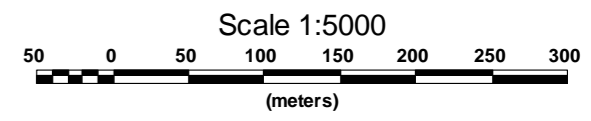
Dipole-Pole Array



Instruments: HUNTEC 7.5 kw Tx, ELREC PRO Rx

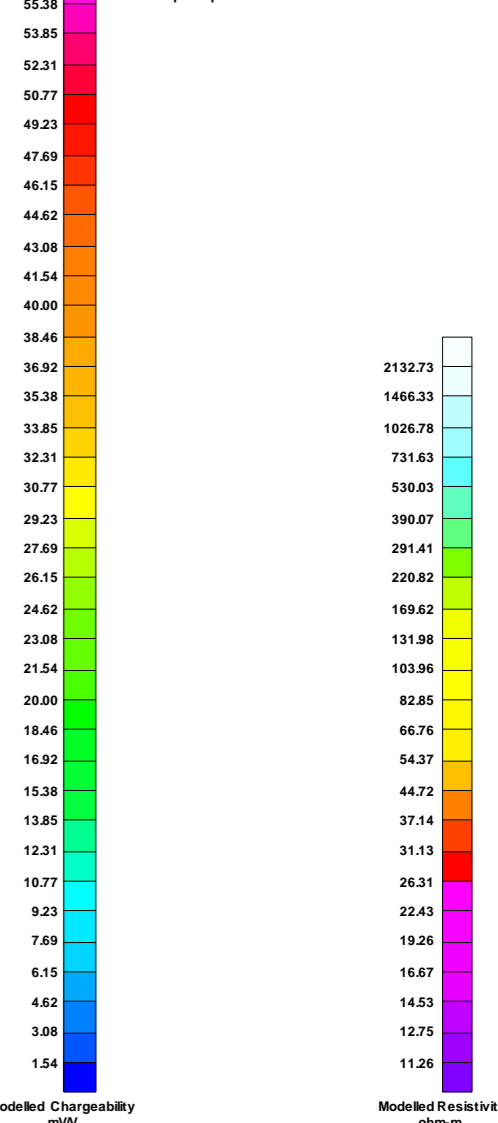
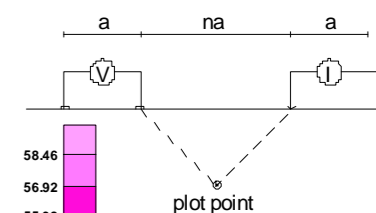
Frequency: 0.125 Hz.  
Operators: T.K., J.C.

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

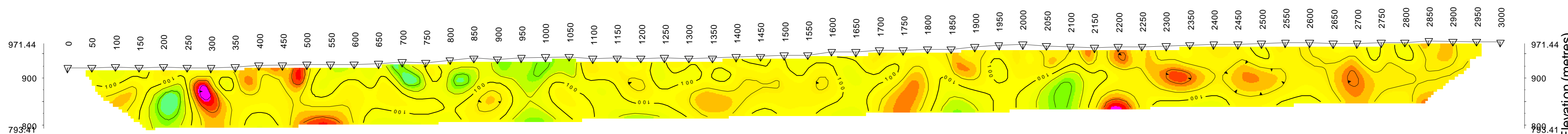


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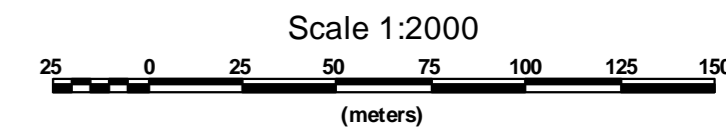
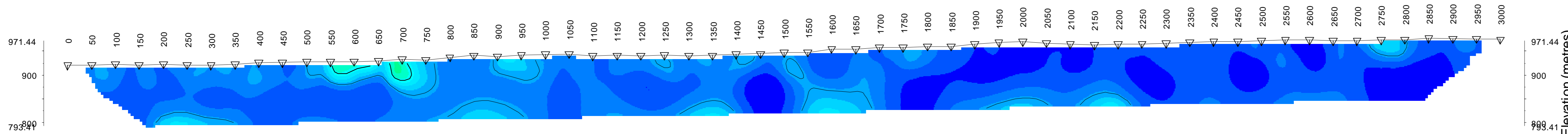
Dipole-Pole Array



Modelled Resistivity (Ohm-m)

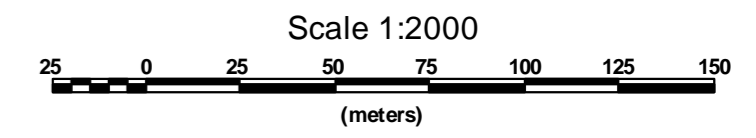
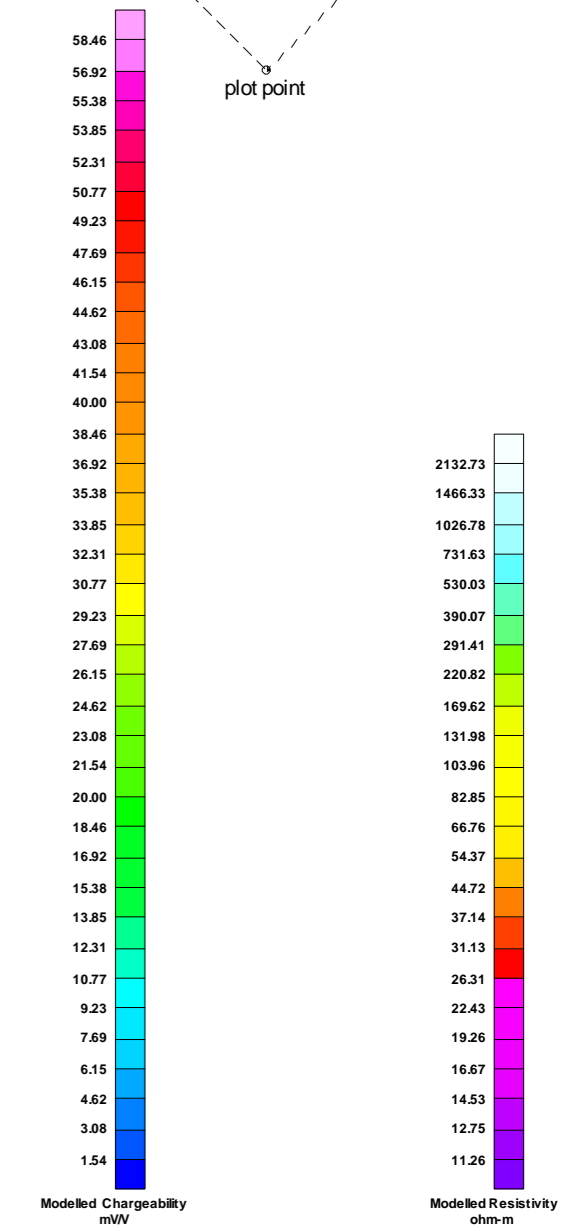
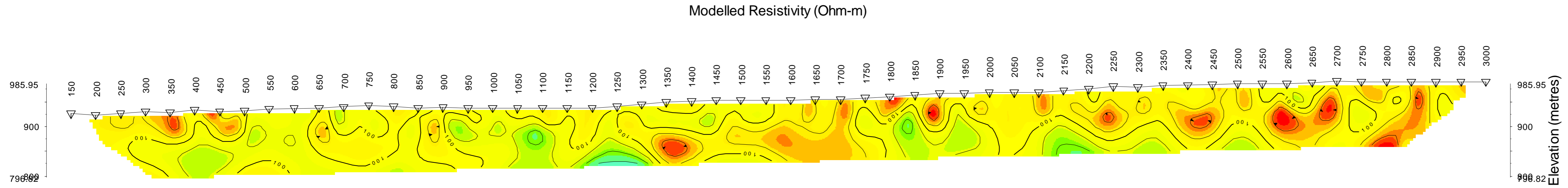
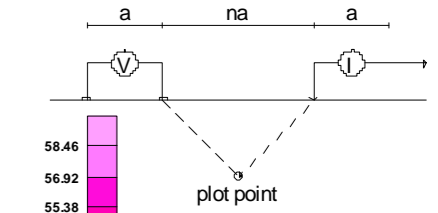


Modelled Chargeability (mV/V)



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 RES2DINV  
 Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED

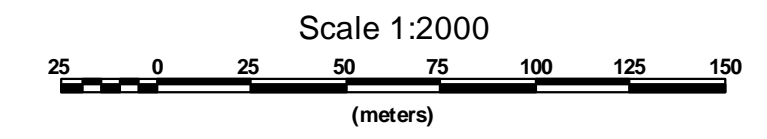
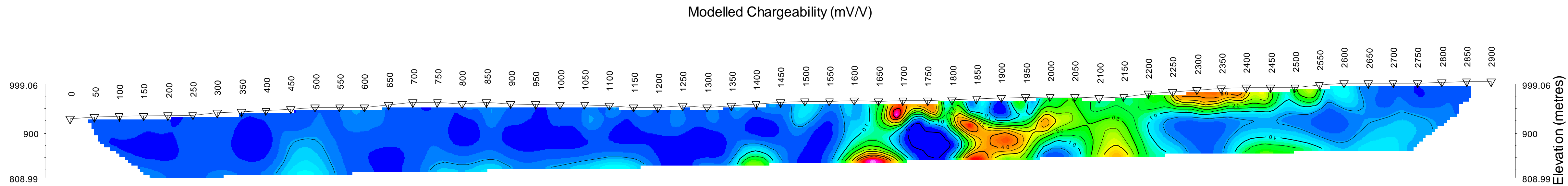
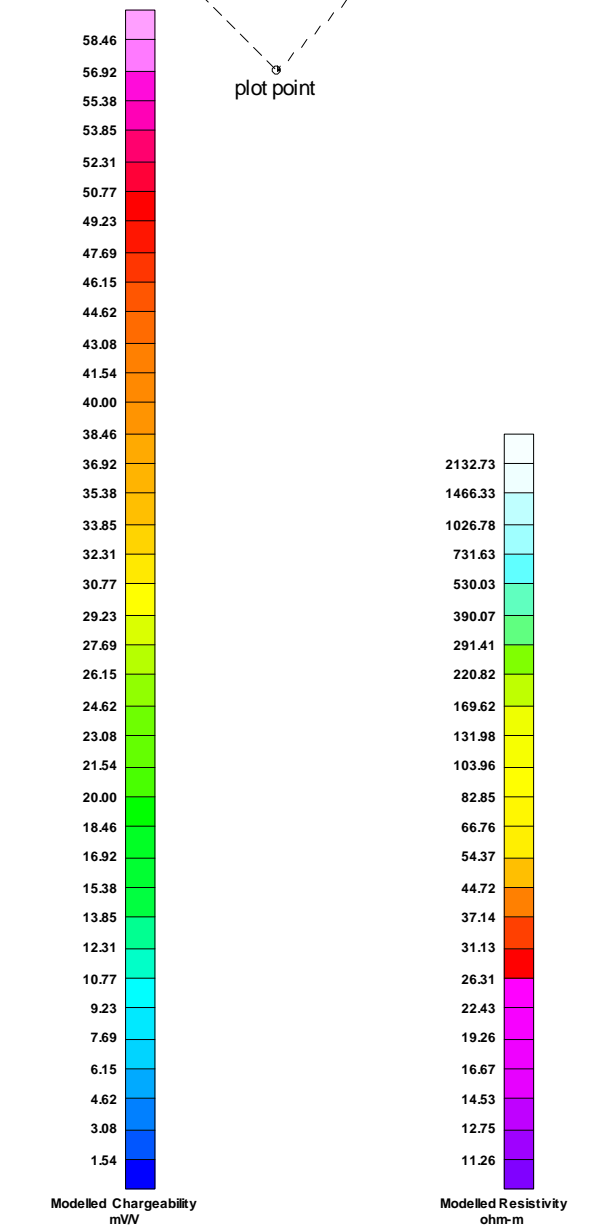
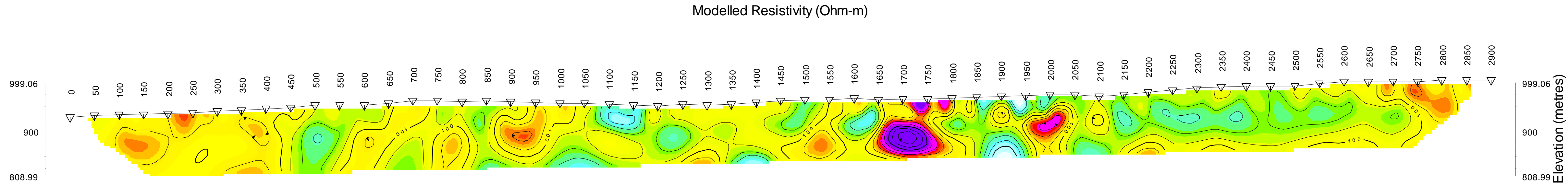
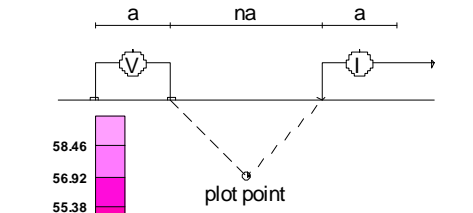
Dipole-Pole Array



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Line 1000

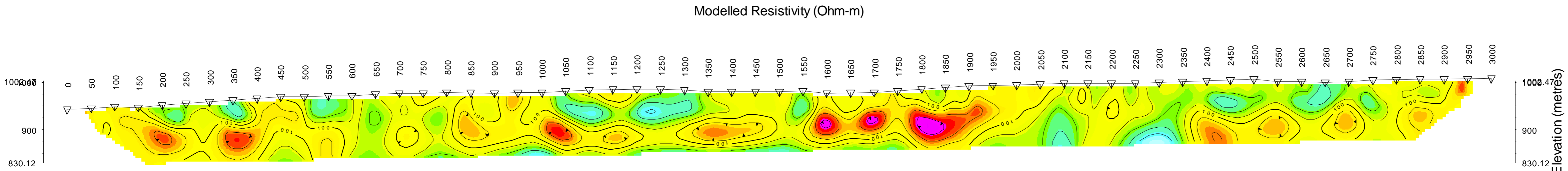
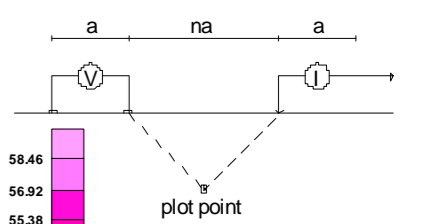
Dipole-Pole Array



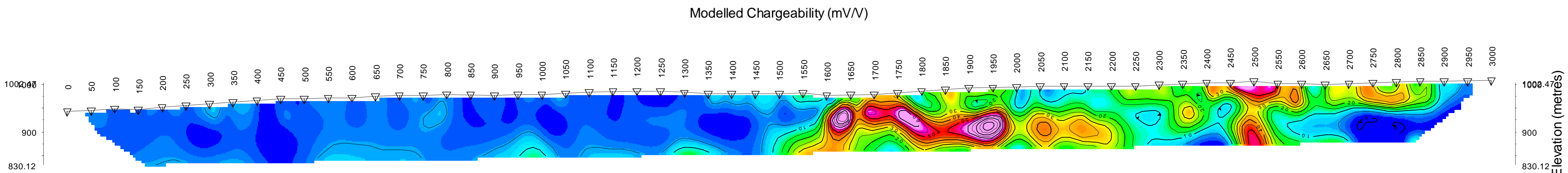
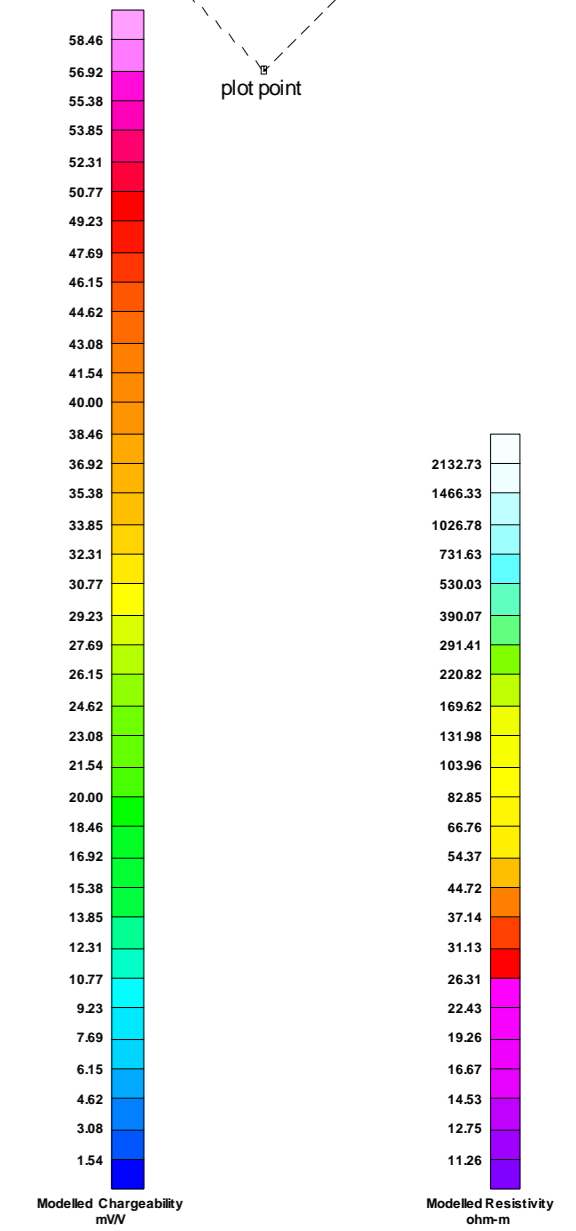
**EAGLE PEAK RESOURCES RESOURCES LTD.**  
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Line 1200

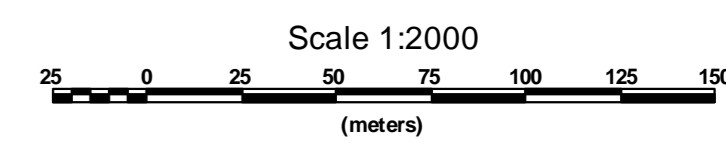
Dipole-Pole Array



Elevation (metres)

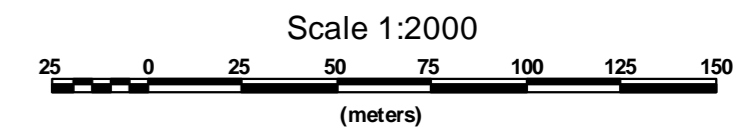
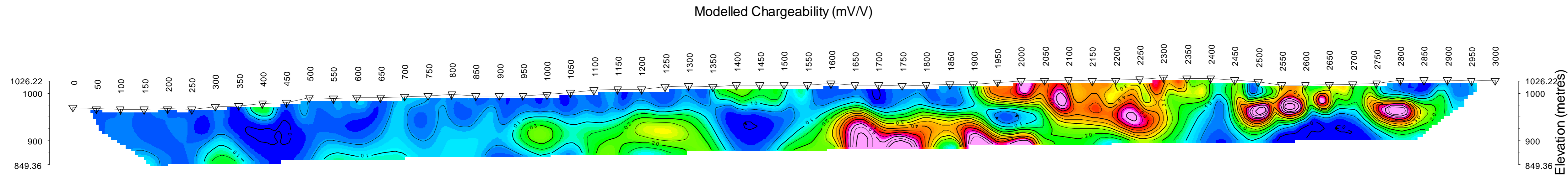
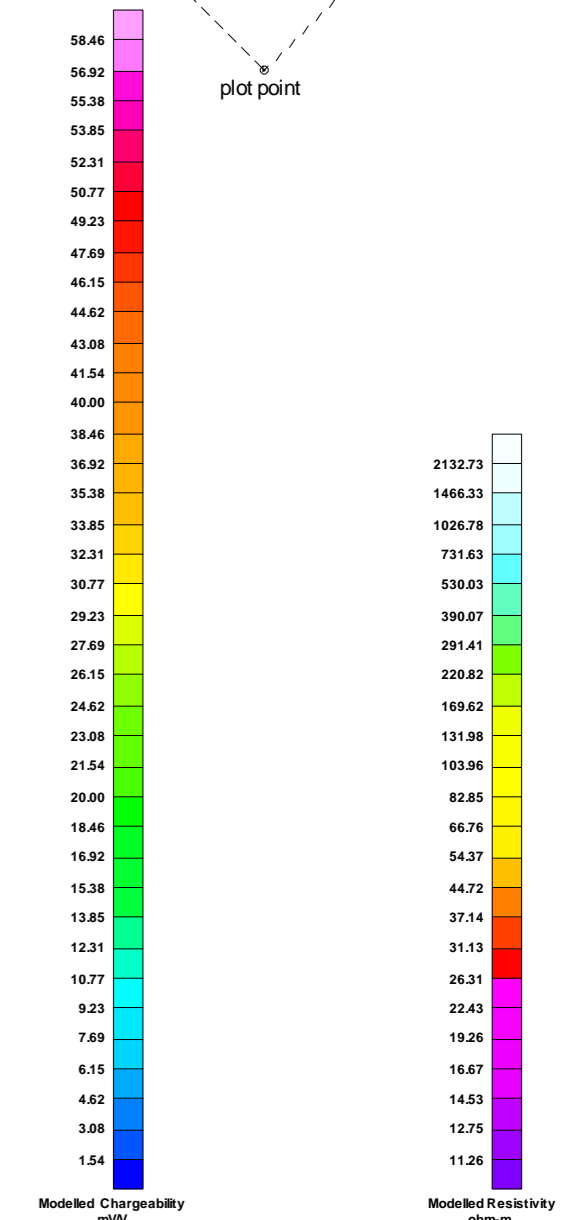
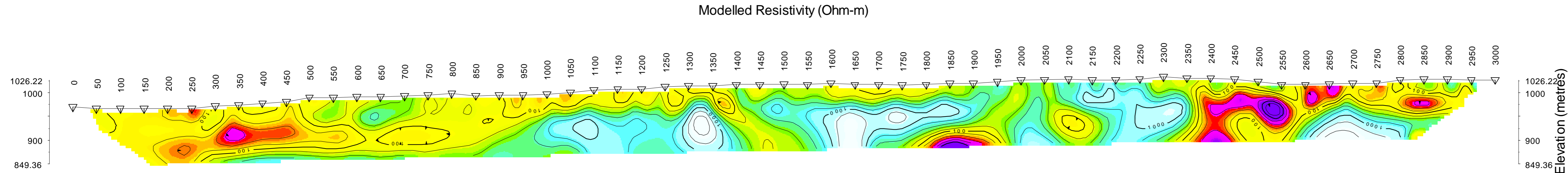
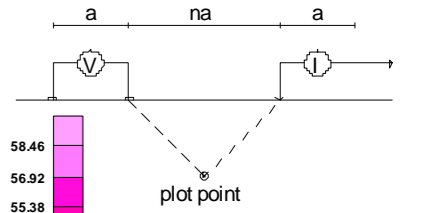


Elevation (metres)



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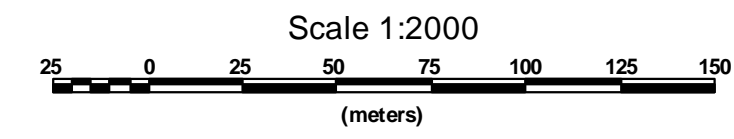
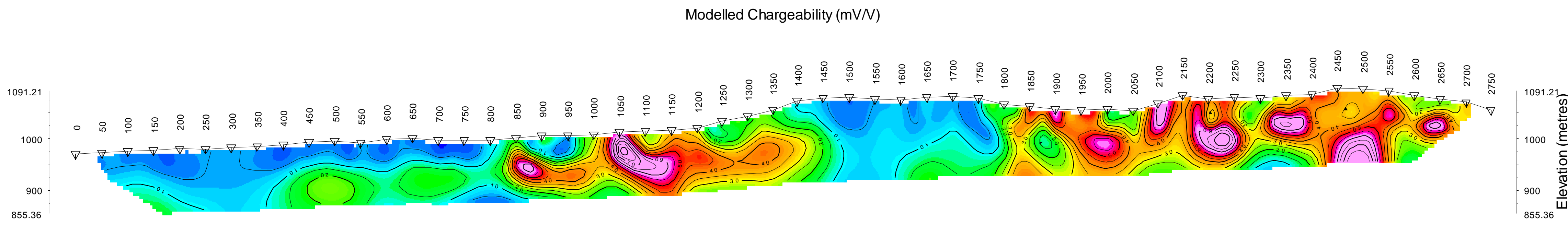
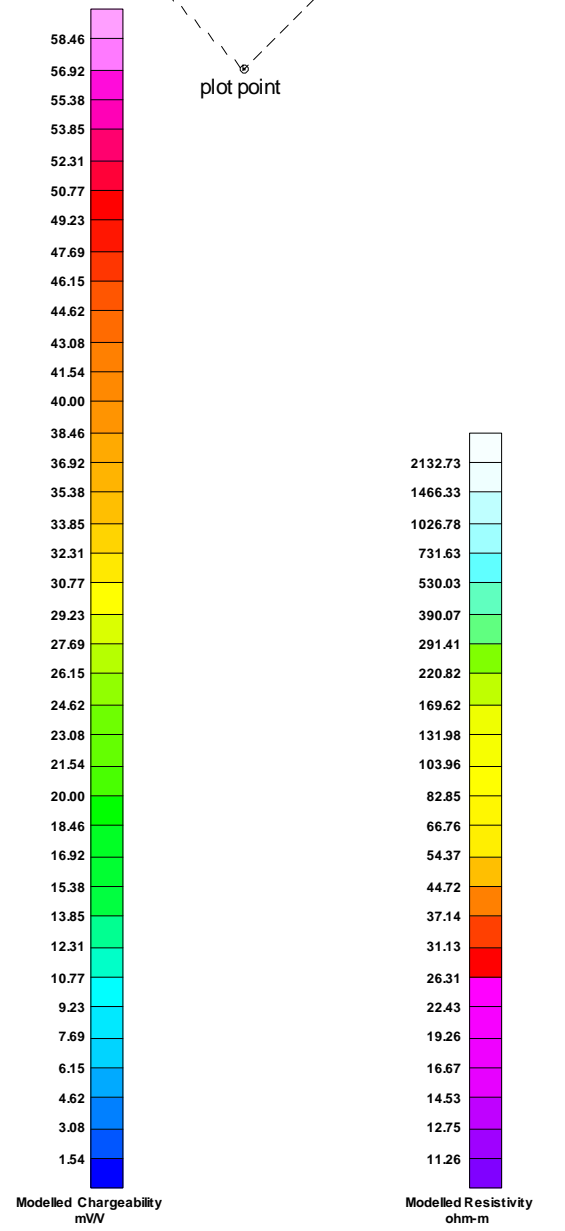
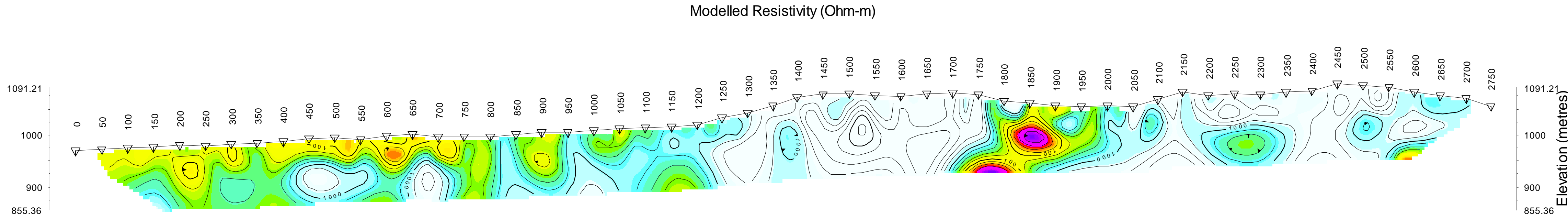
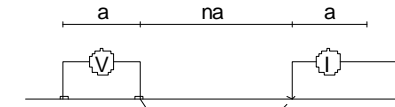
Dipole-Pole Array



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Line 1600

Dipole-Dipole Array

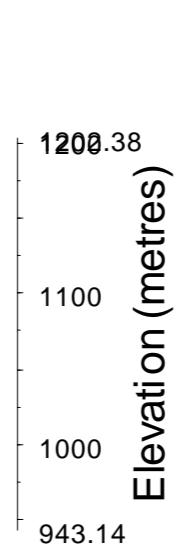
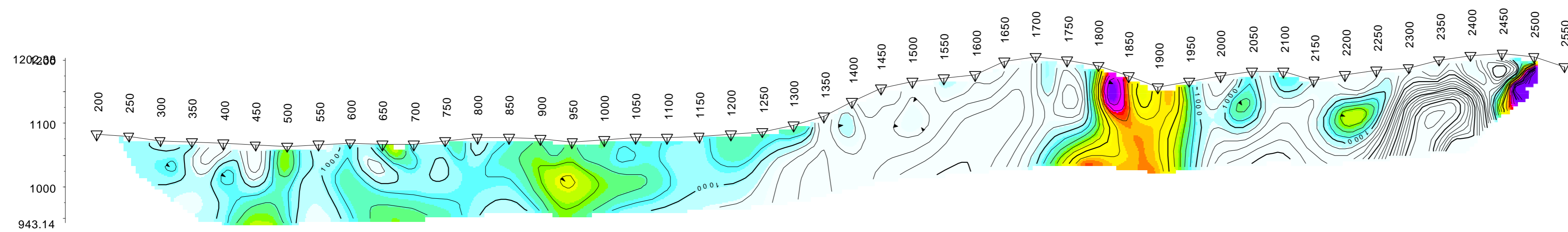


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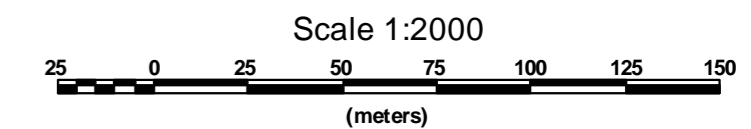
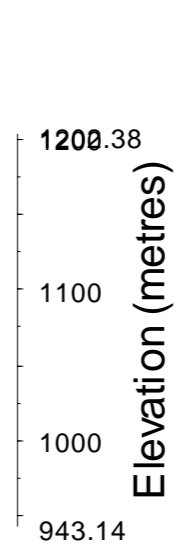
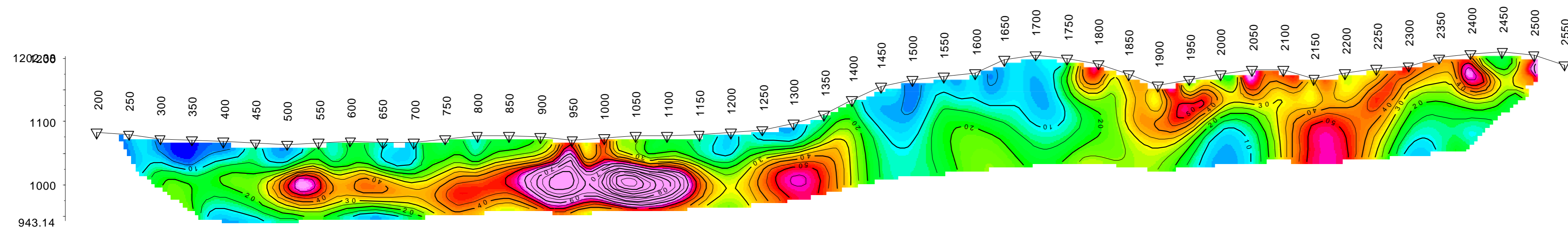




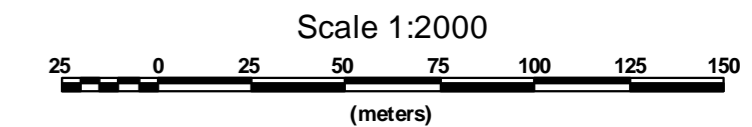
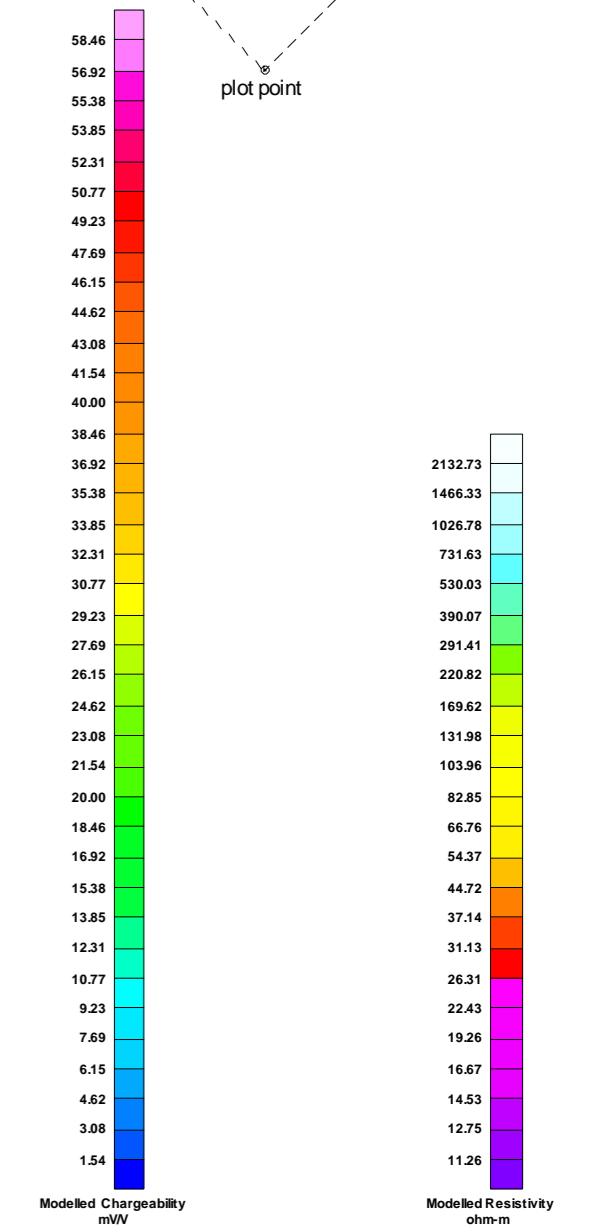
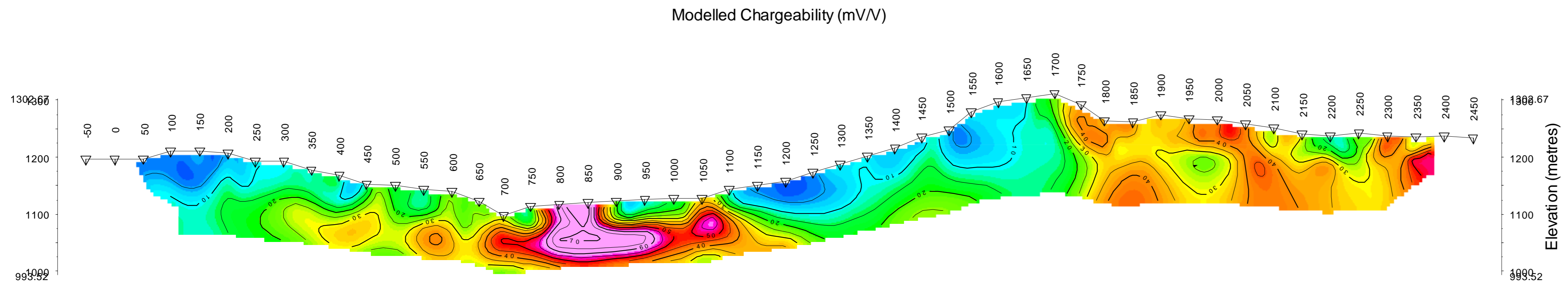
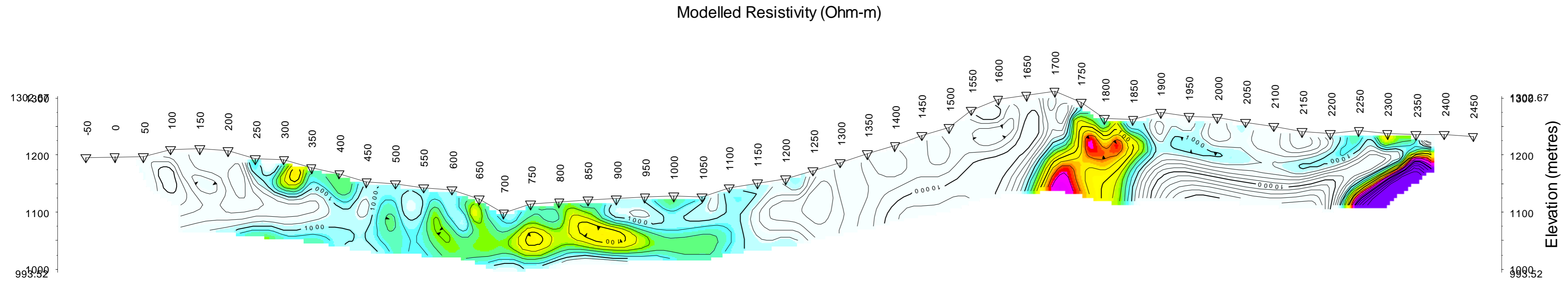
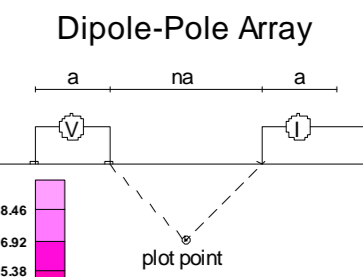
Modelled Resistivity (Ohm-m)



Modelled Chargeability (mV/V)



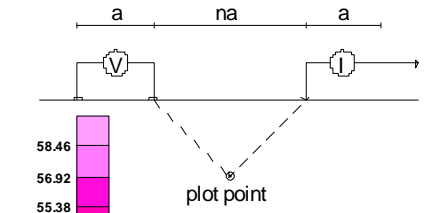
**EAGLE PEAK RESOURCES RESOURCES LTD.**  
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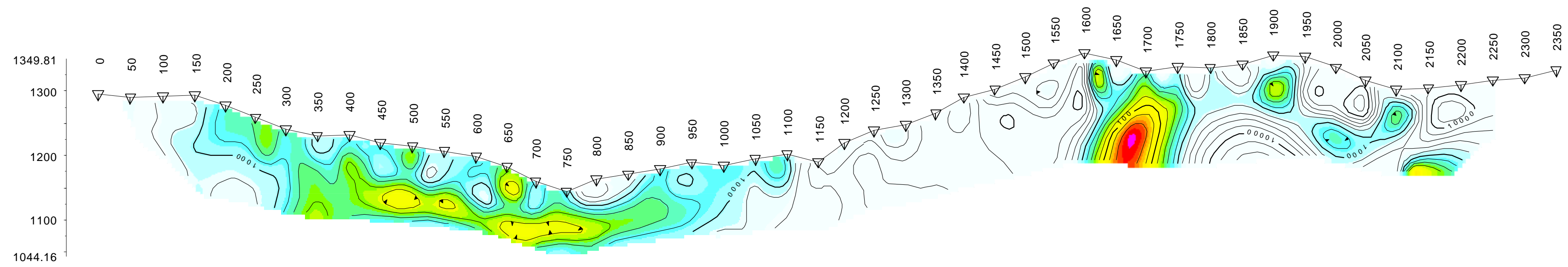
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Line 2200

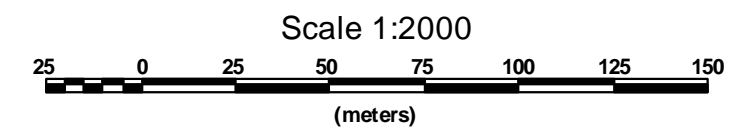
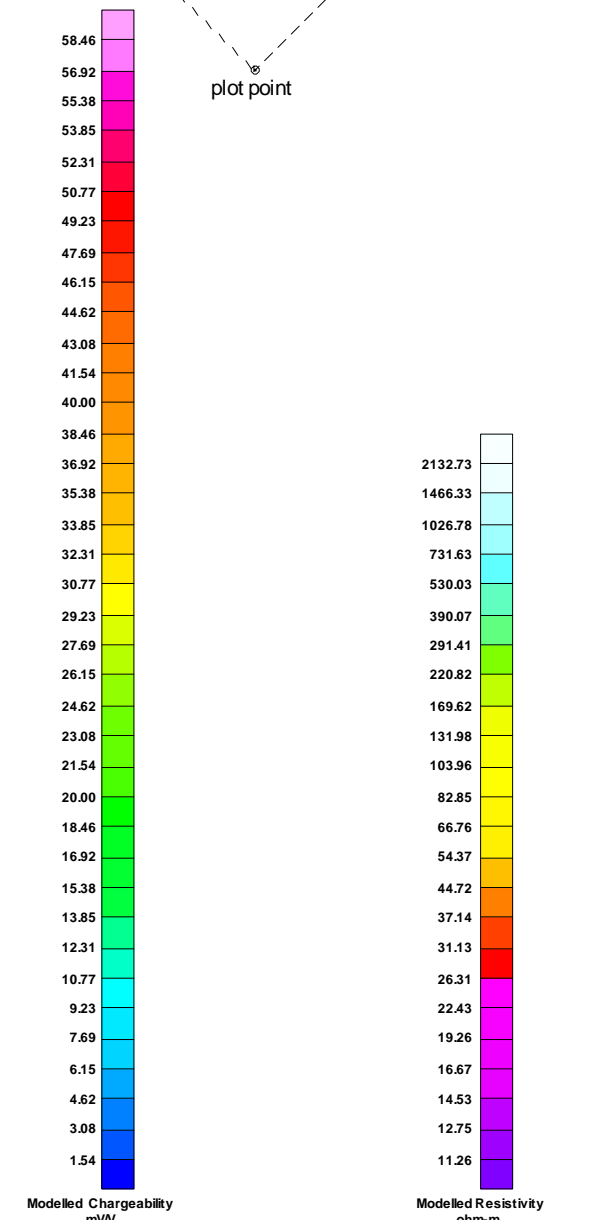
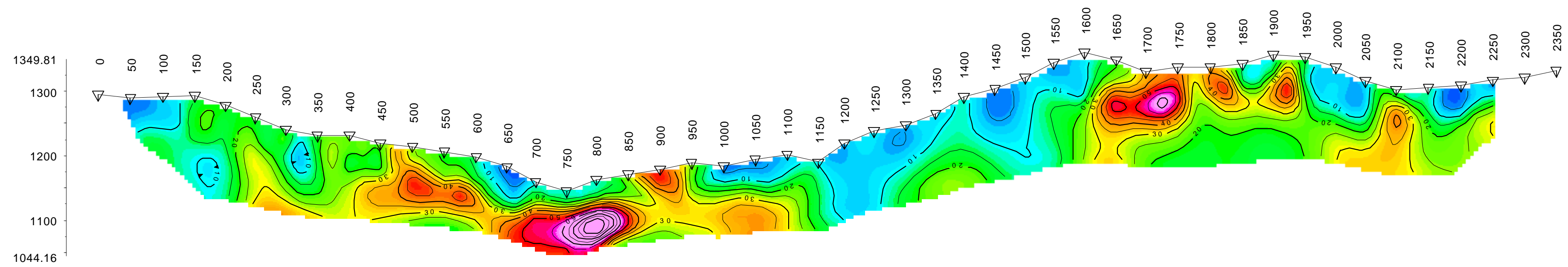
Dipole-Pole Array



Modelled Resistivity (Ohm-m)



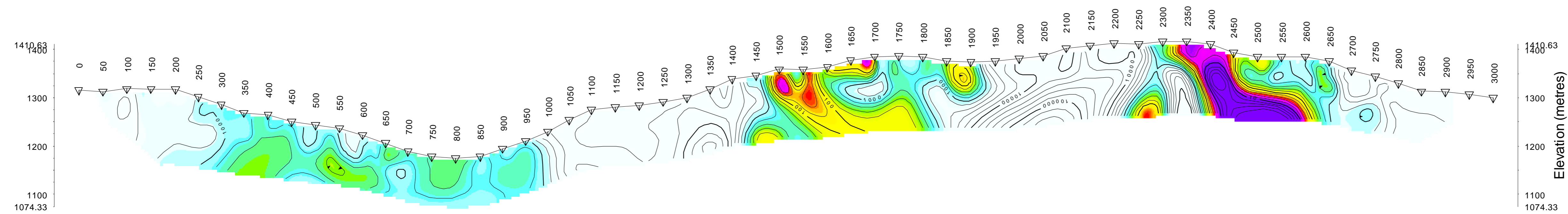
Modelled Chargeability (mV/V)



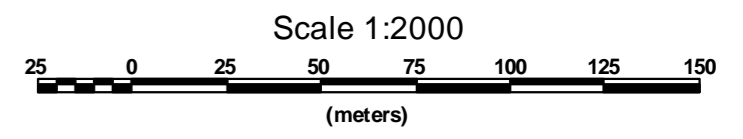
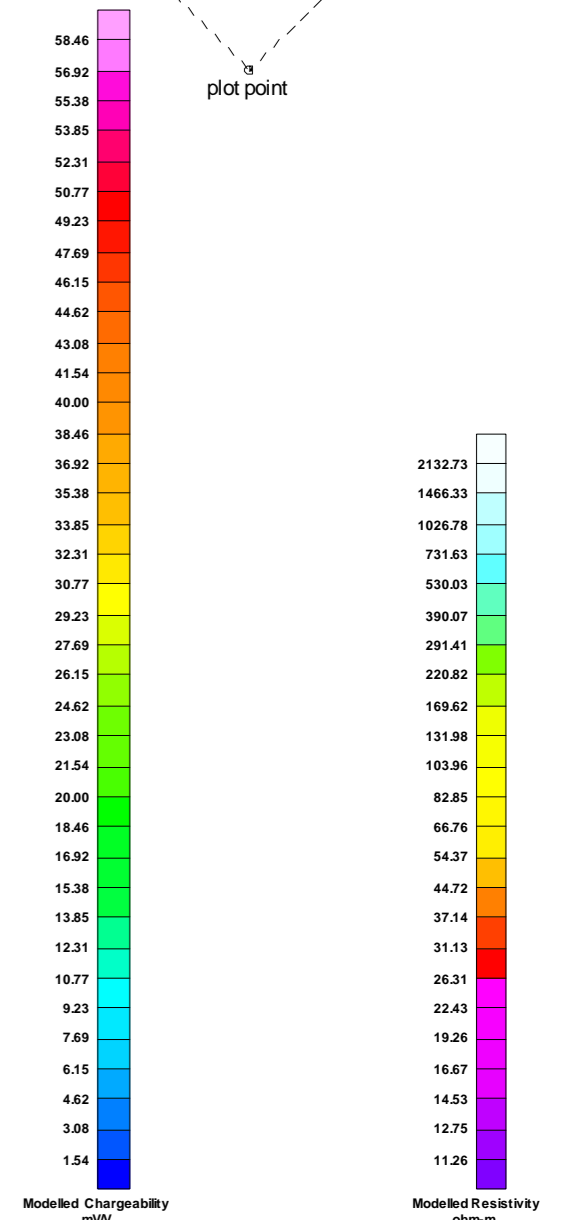
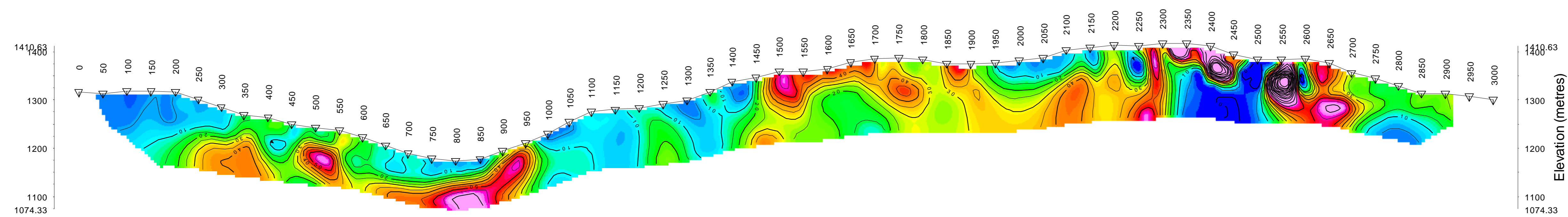
**EAGLE PEAK RESOURCES RESOURCES LTD.**  
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Modelled Resistivity (Ohm-m)

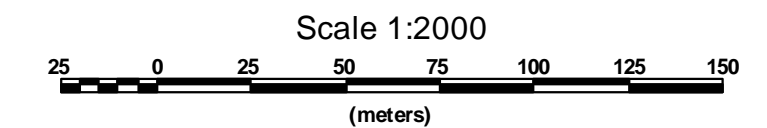
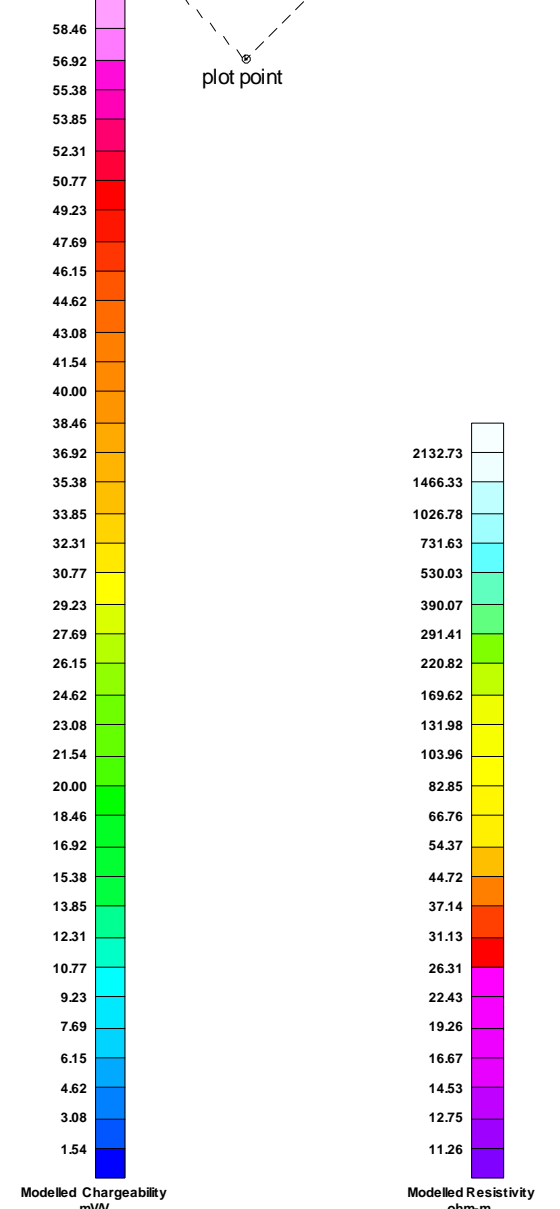
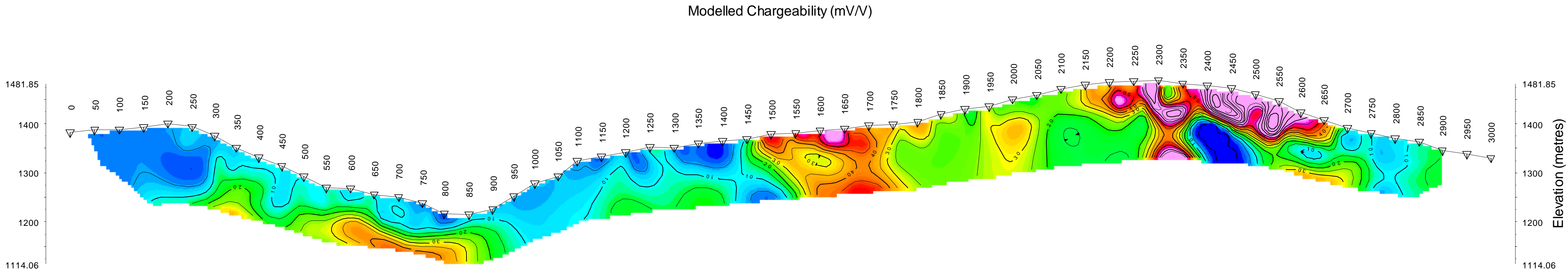
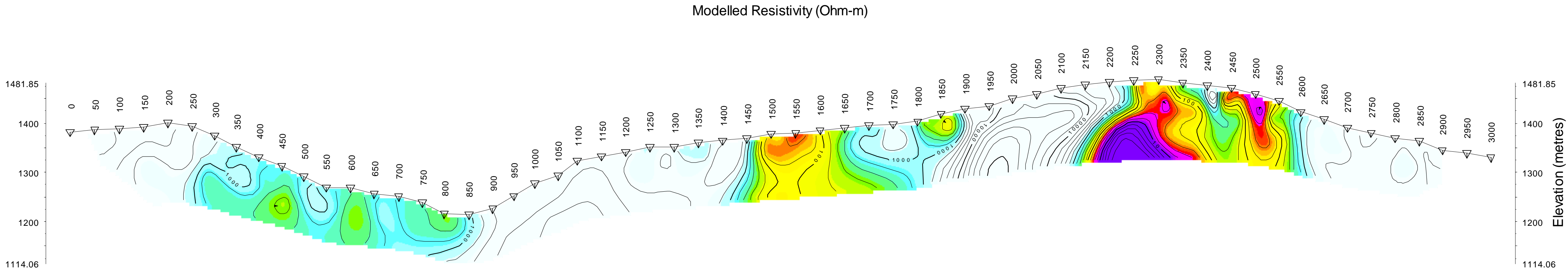
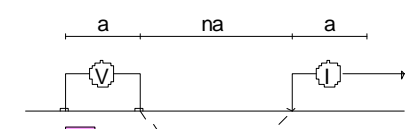


Modelled Chargeability (mV/V)



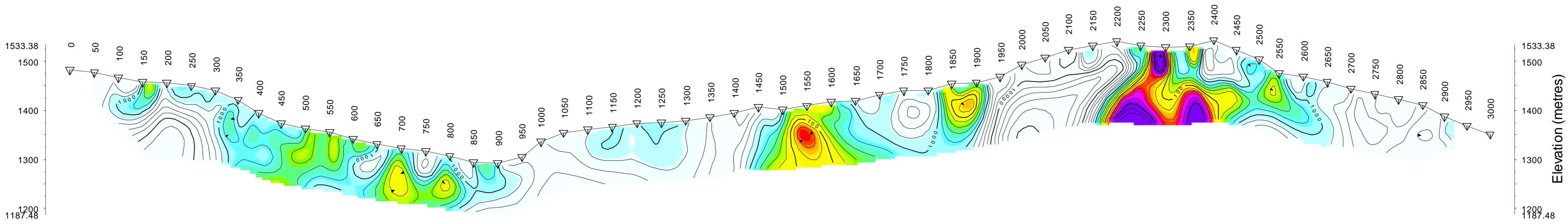
**EAGLE PEAK RESOURCES RESOURCES LTD.**  
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Dipole-Pole Array

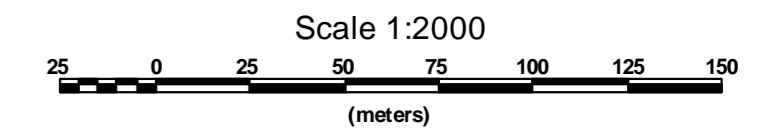
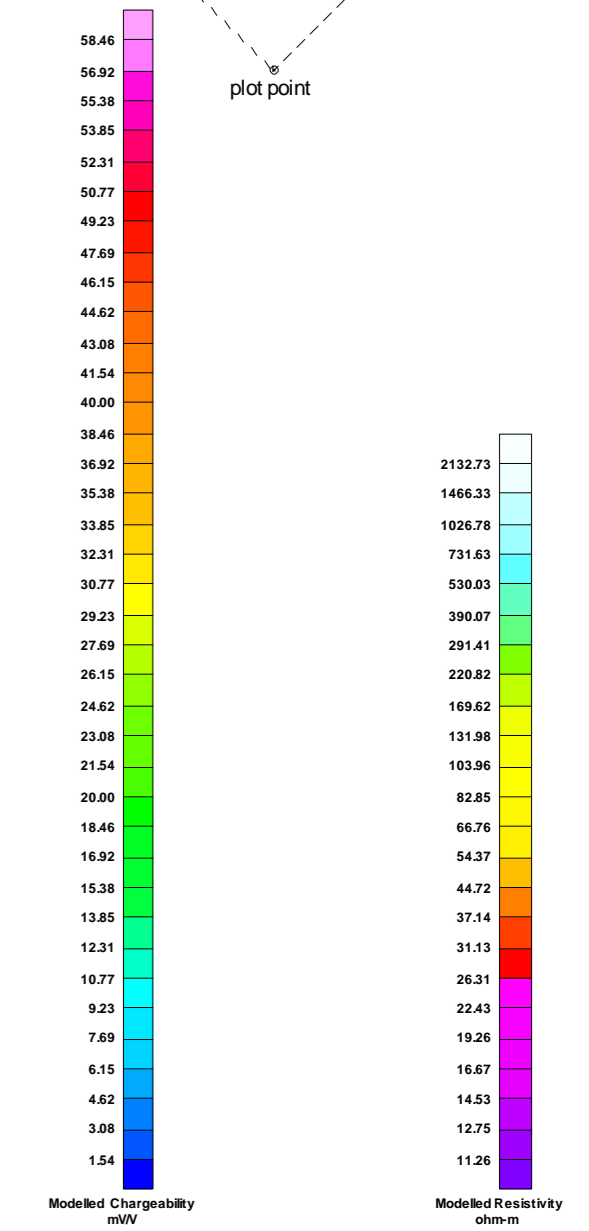
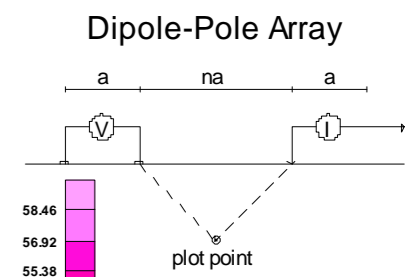
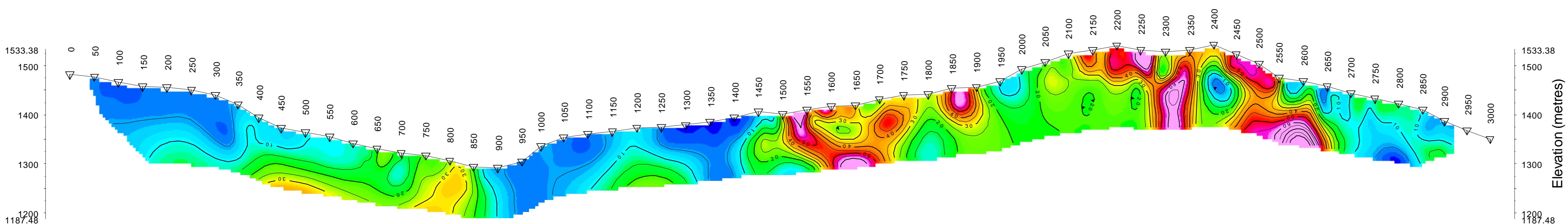


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Modelled Resistivity (Ohm-m)



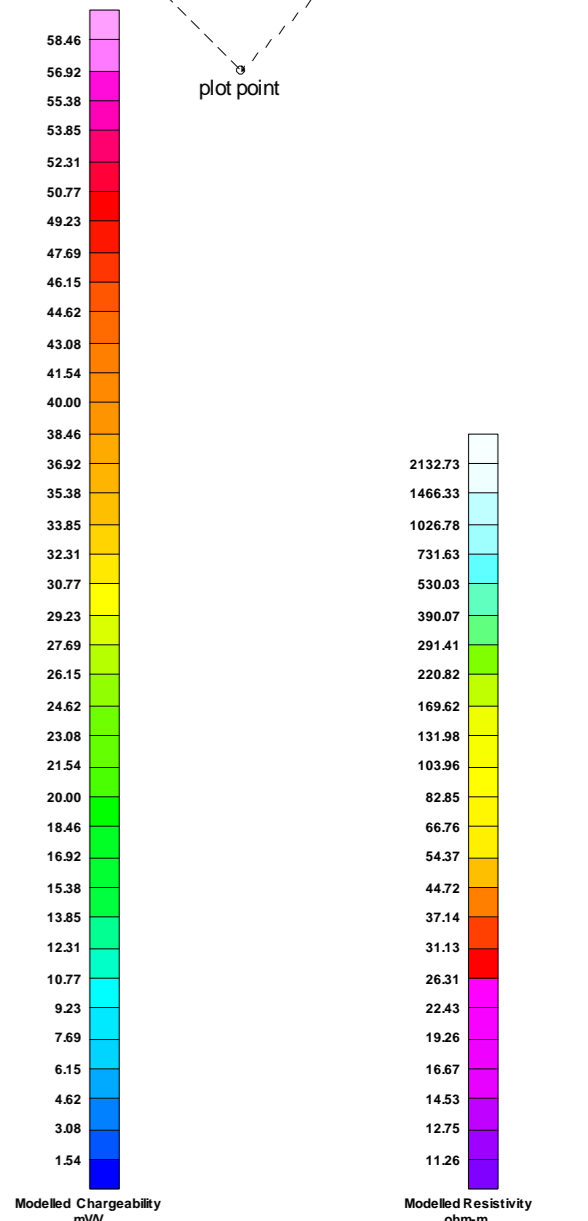
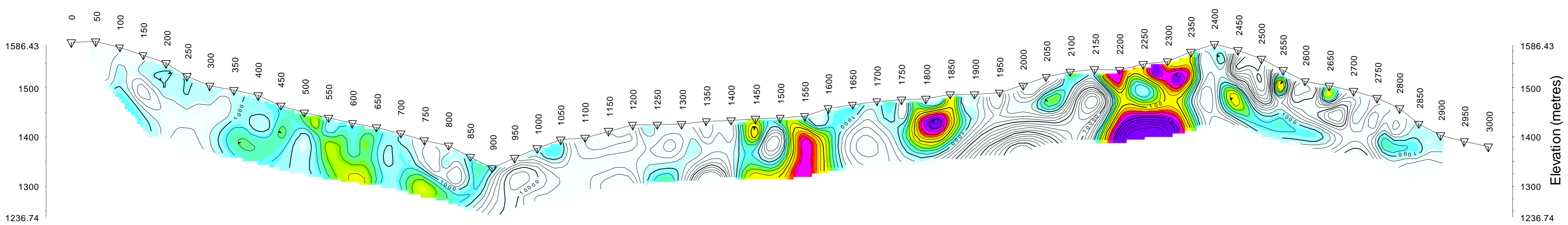
Modelled Chargeability (mV/V)



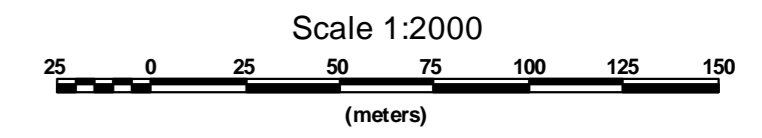
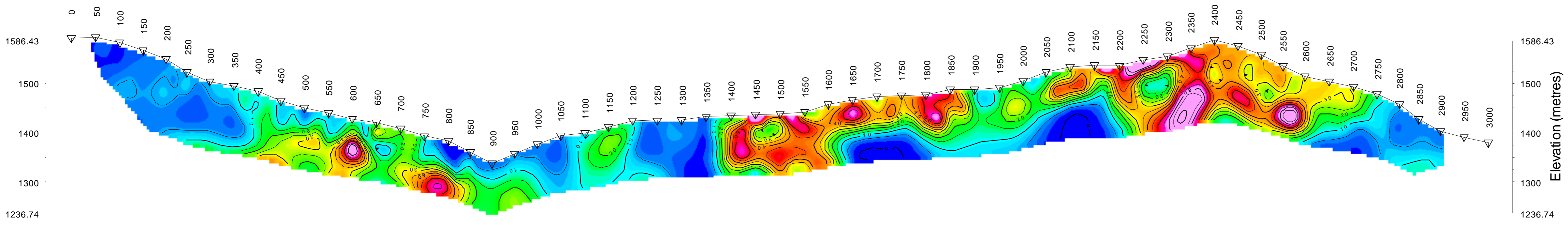
**EAGLE PEAK RESOURCES RESOURCES LTD.**  
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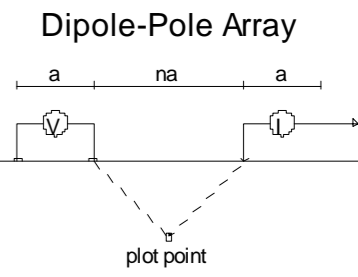
Modelled Resistivity (Ohm-m)



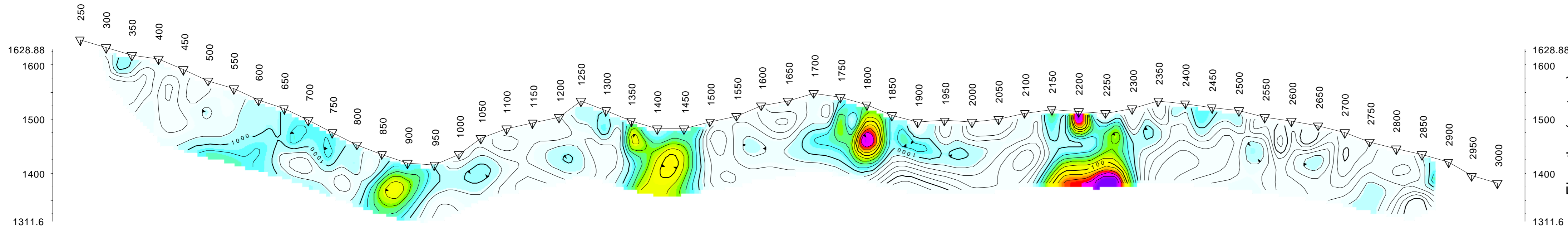
Modelled Chargeability (mV/V)



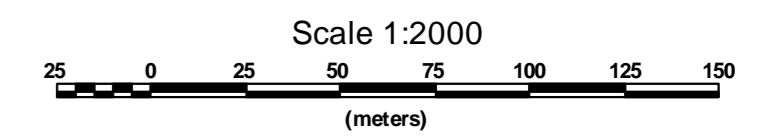
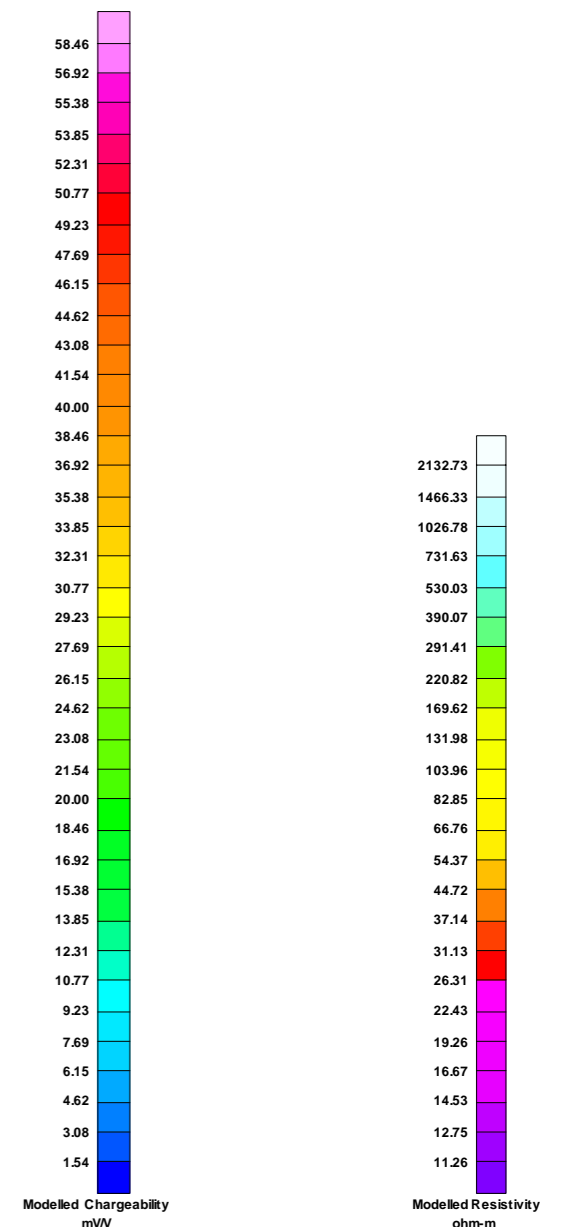
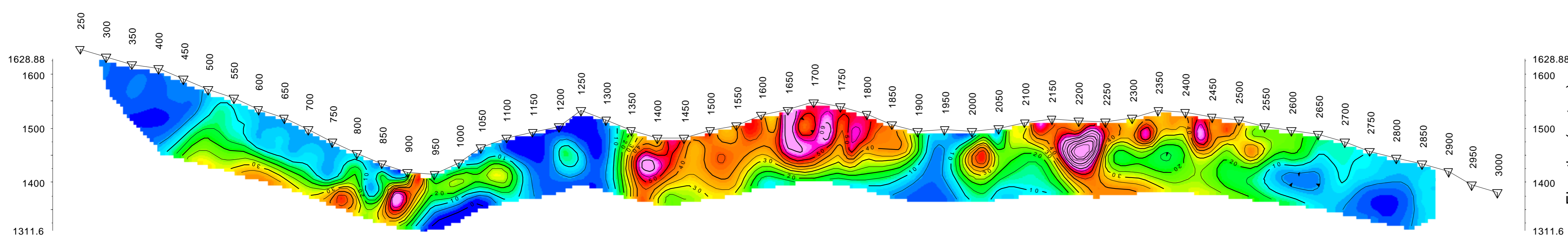
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Modelled Resistivity (Ohm-m)



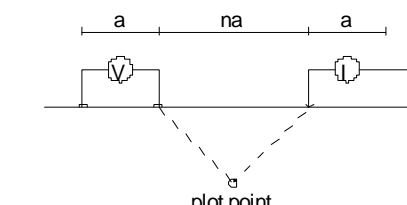
Modelled Chargeability (mV/V)



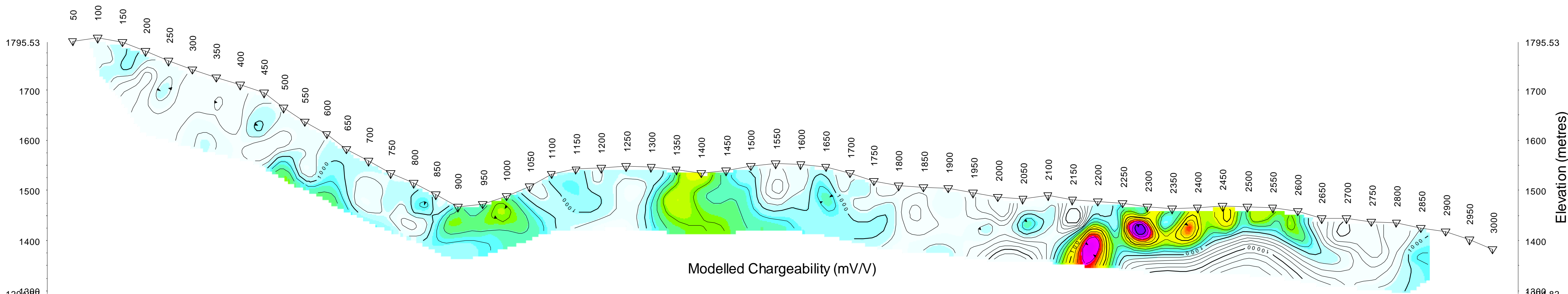
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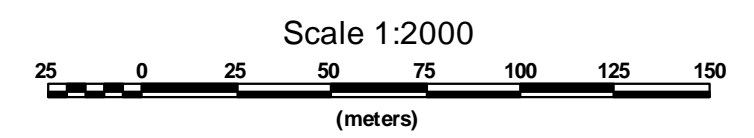
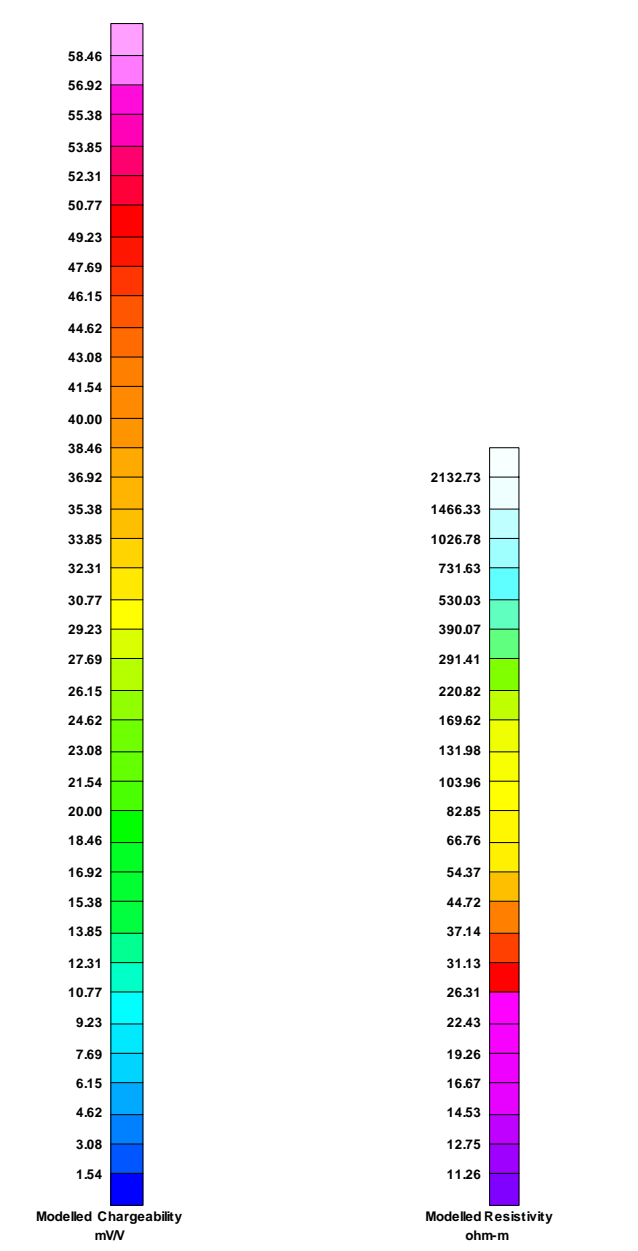
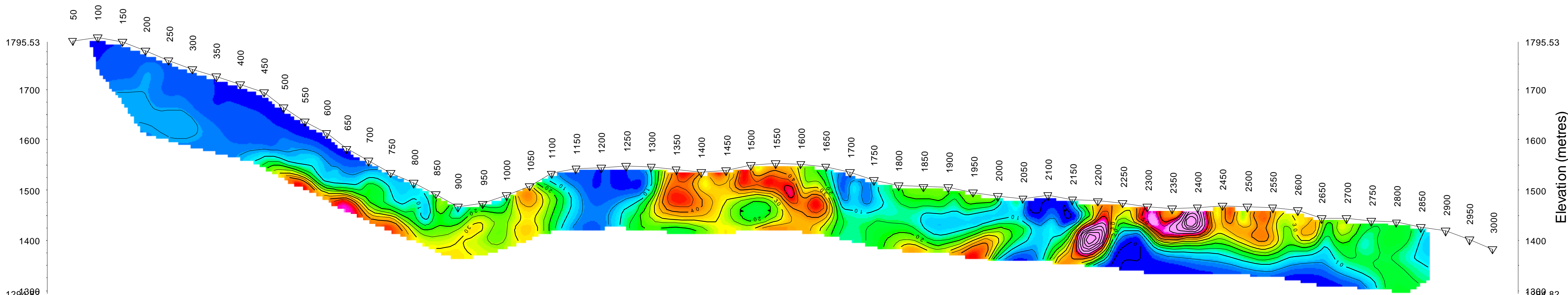
Dipole-Pole Array



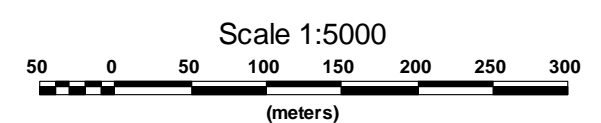
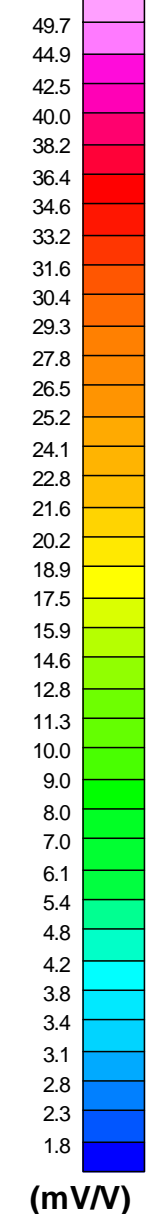
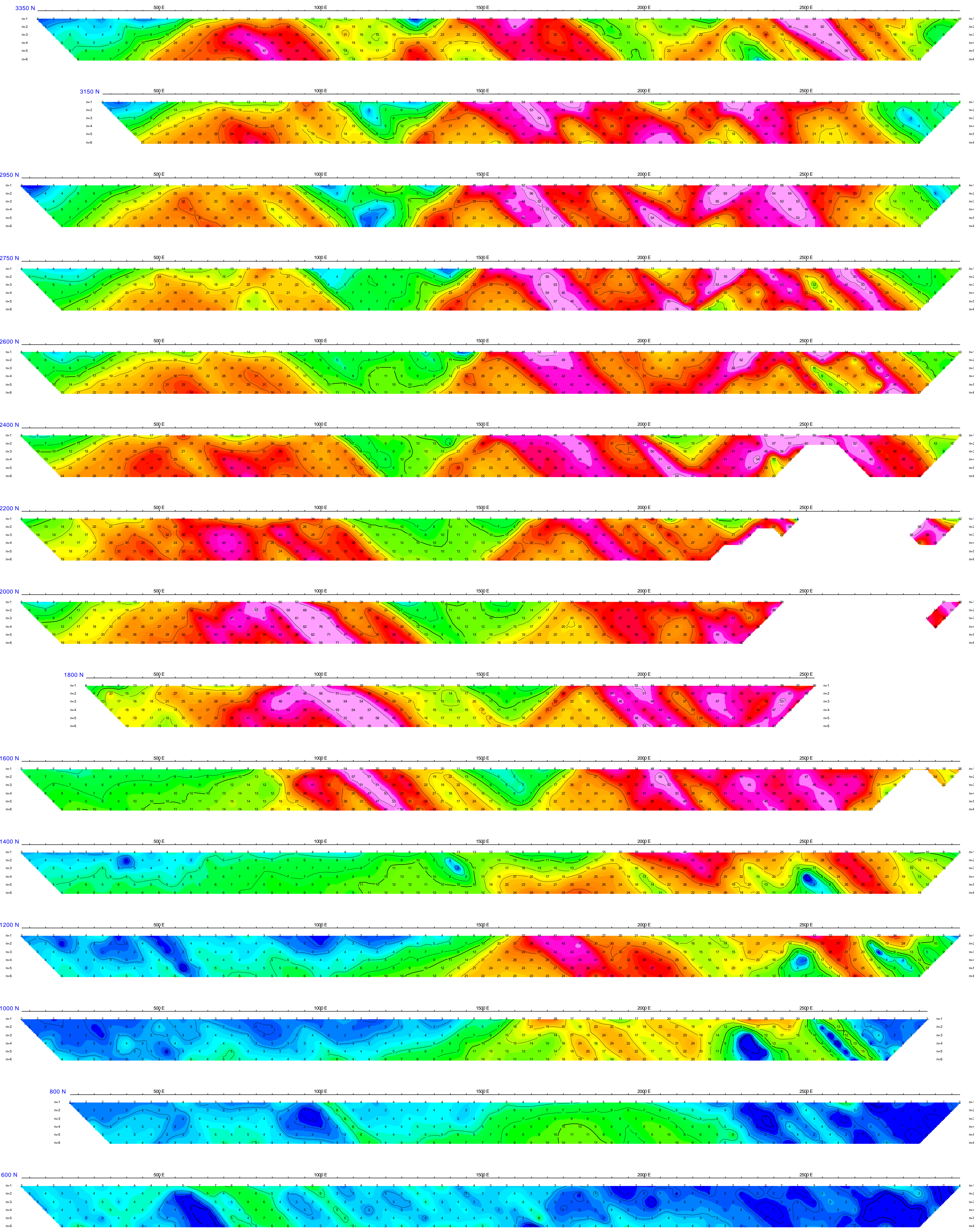
Modelled Resistivity (Ohm-m)

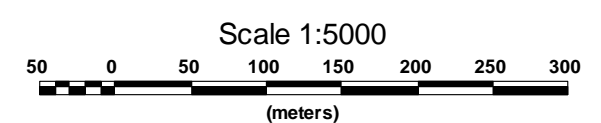
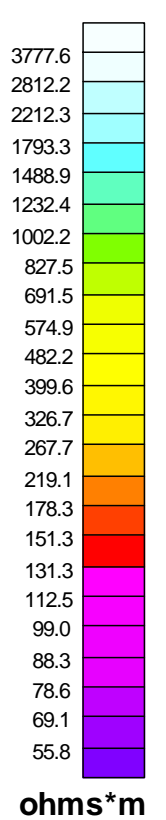
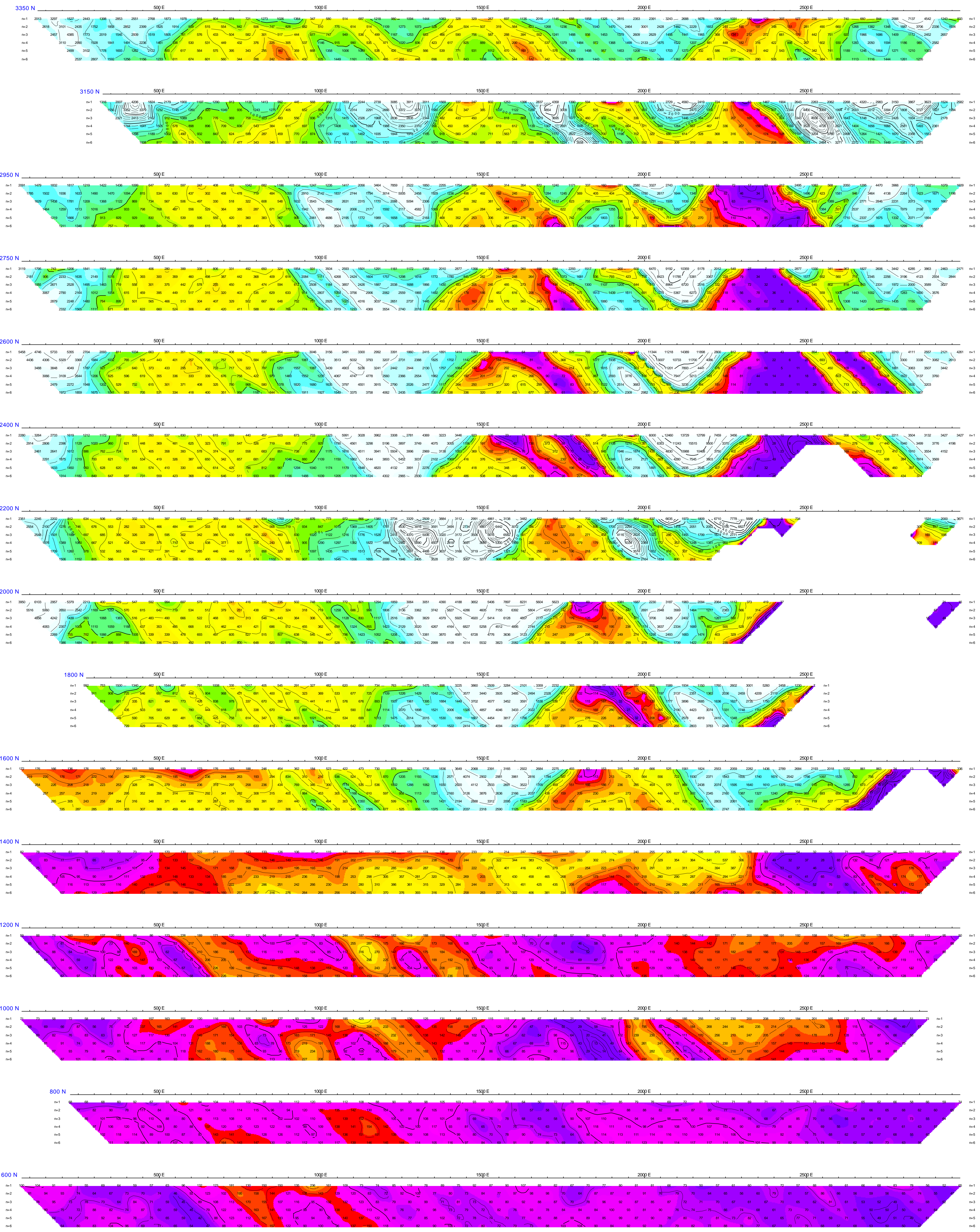


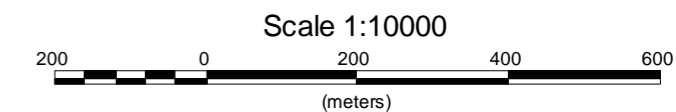
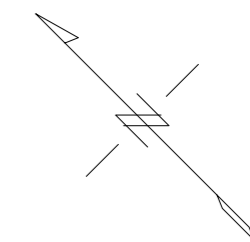
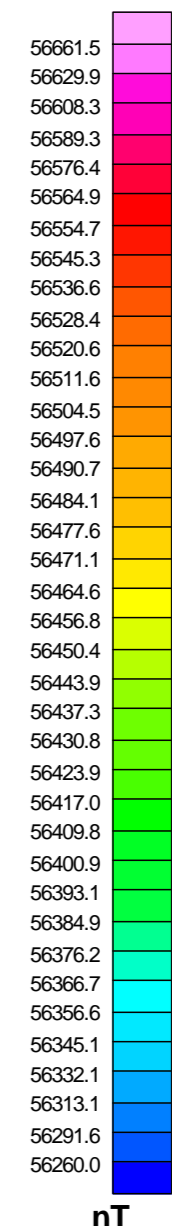
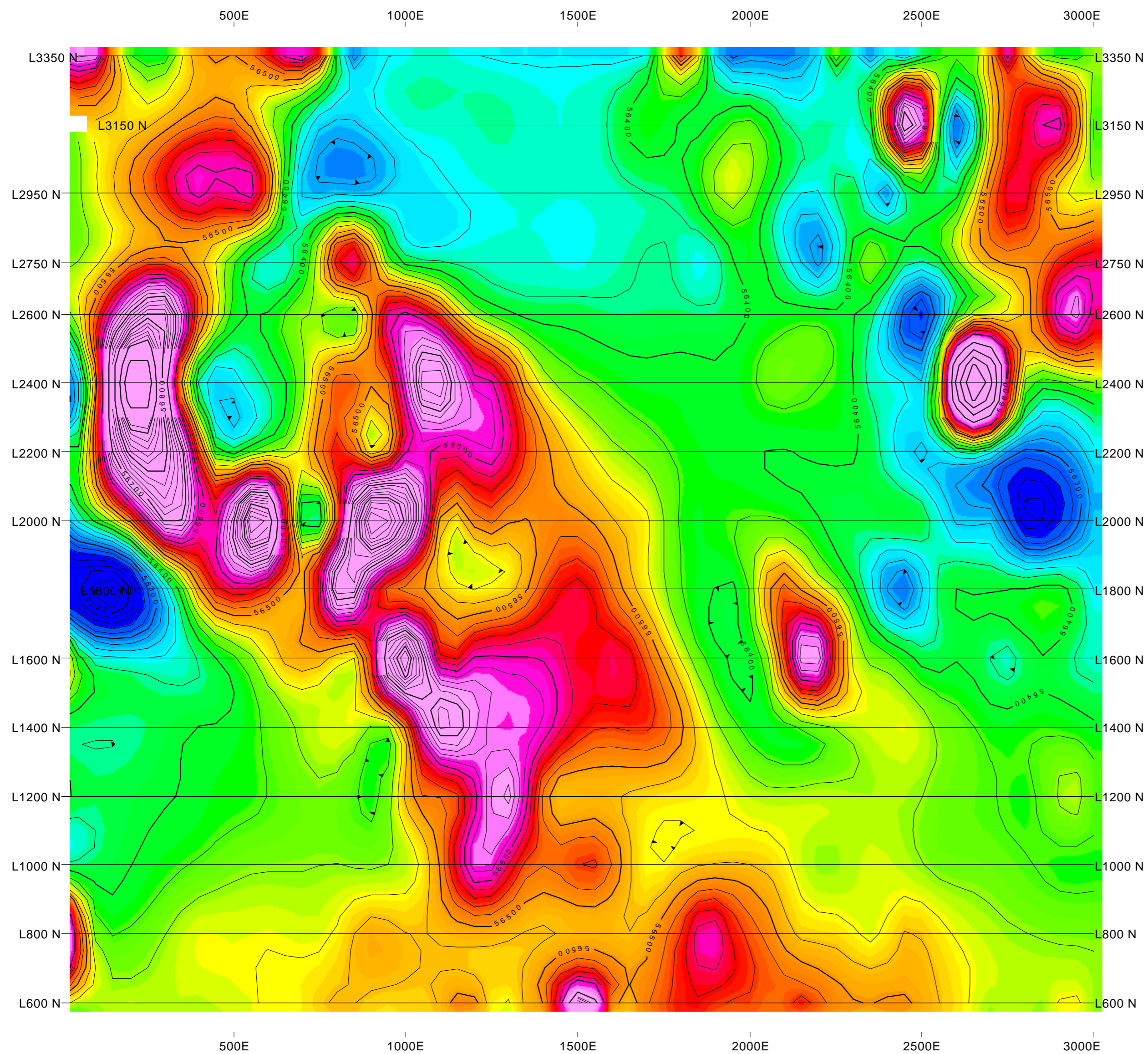
Modelled Chargeability (mV/V)



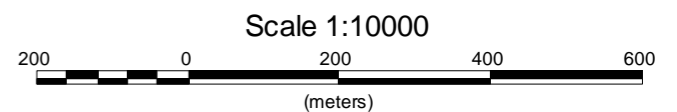
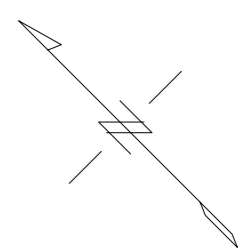
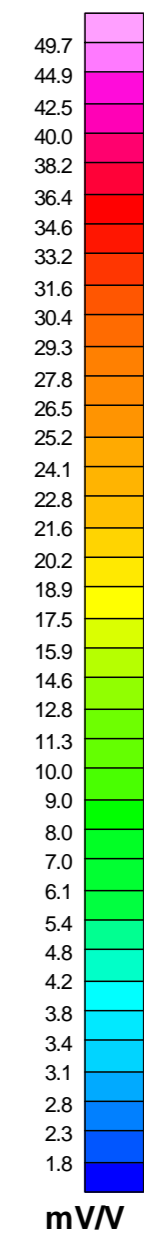
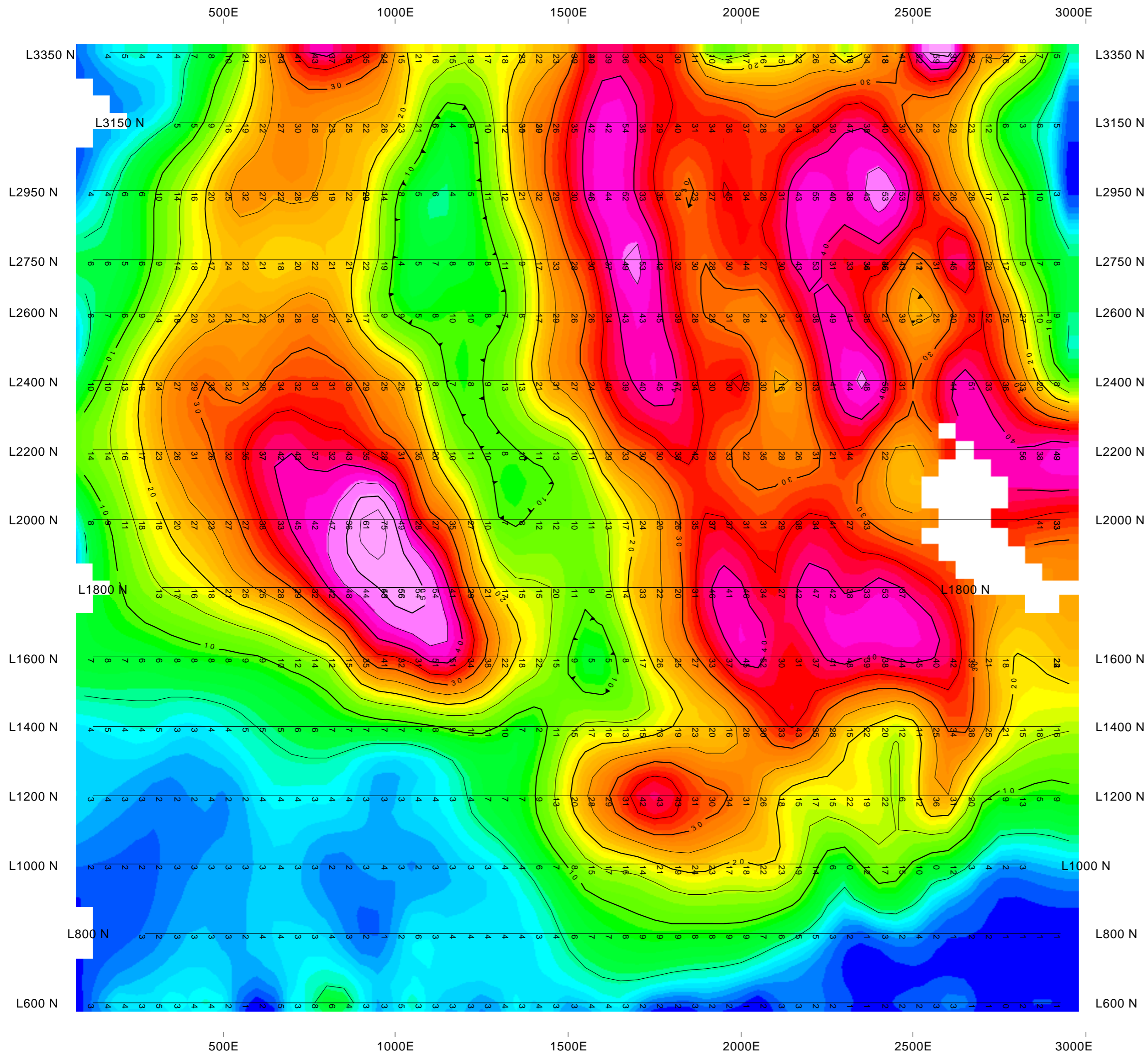
**EAGLE PEAK RESOURCES RESOURCES LTD.**  
INDUCED POLARIZATION SURVEY  
BIG ONION PROPERTY  
OMINECA M.D., BRITISH COLUMBIA  
DECEMBER 2008  
RES2DINV  
Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED







**EAGLE PEAK RESOURCES INC.**  
**MAGNETIC SURVEY**  
**TOTAL FIELD INTENSITY**  
**nT**  
 BIG ONION PROPERTY  
 OMINECA M.D., BRITISH COLUMBIA  
 July 2008  
**PETER E. WALCOTT & ASSOCIATES LTD.**

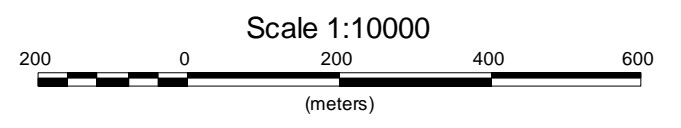
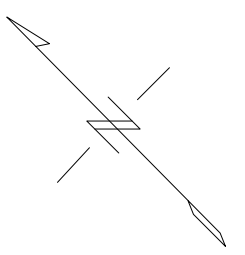
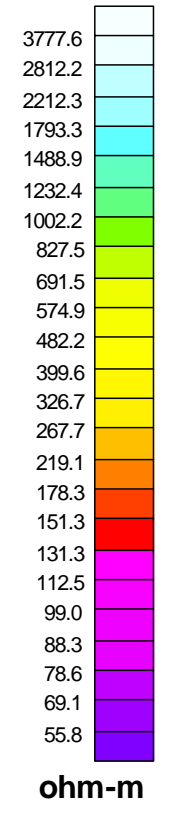
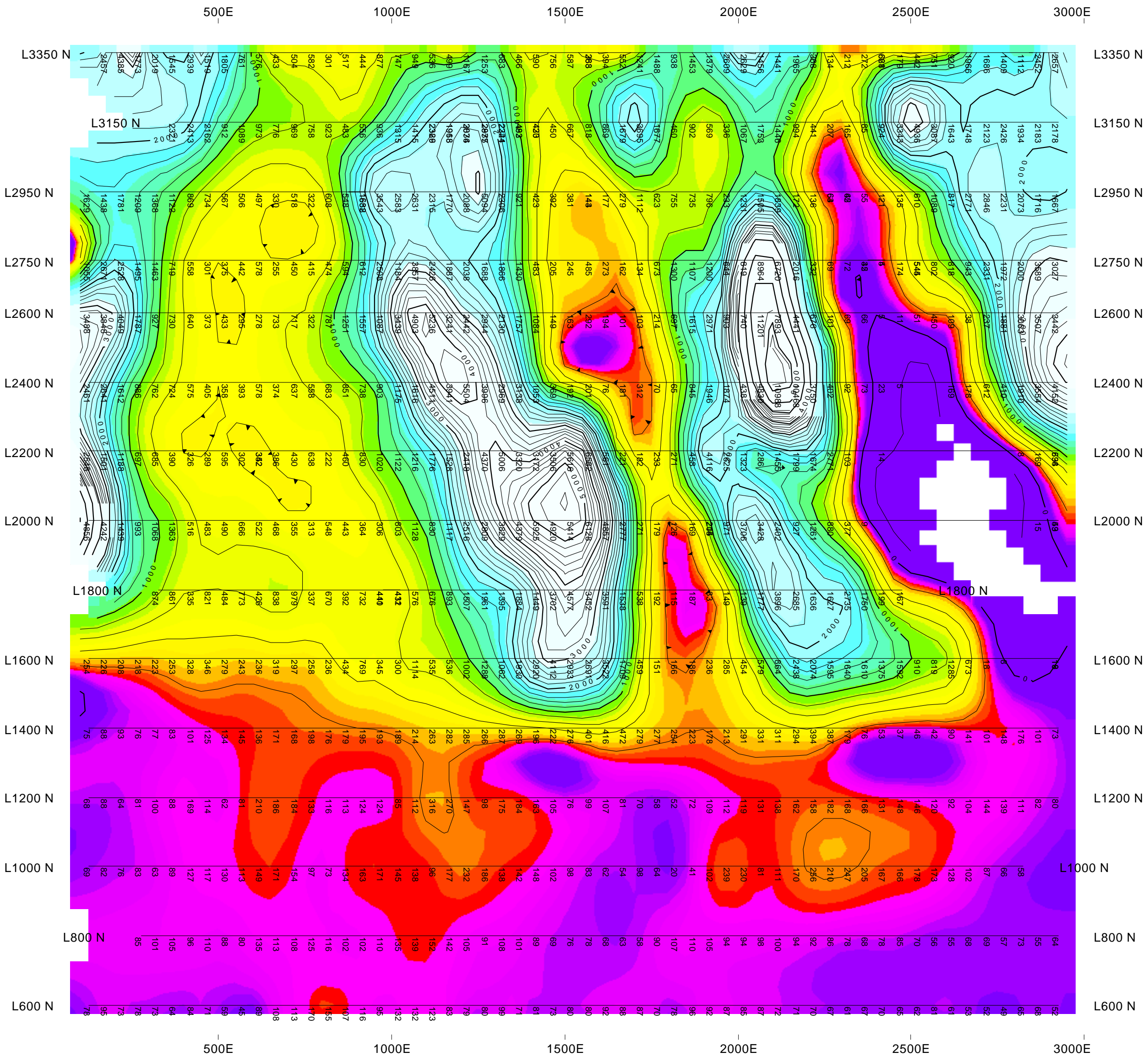


**EAGLE PEAK RESOURCES INC.**

**INDUCED POLARIZATION SURVEY  
APPARENT CHARGEABILITY (mV/V)  
N=3**

BIG ONION PROPERTY  
OMINECA M.D., BRITISH COLUMBIA  
July 2008

**PETER E. WALCOTT & ASSOCIATES LTD.**

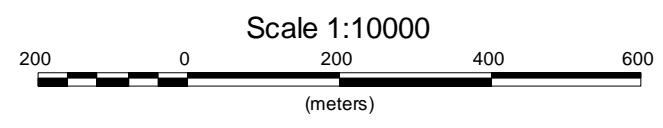
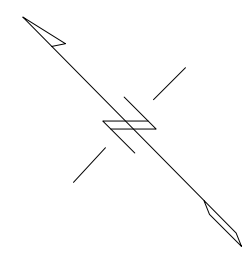
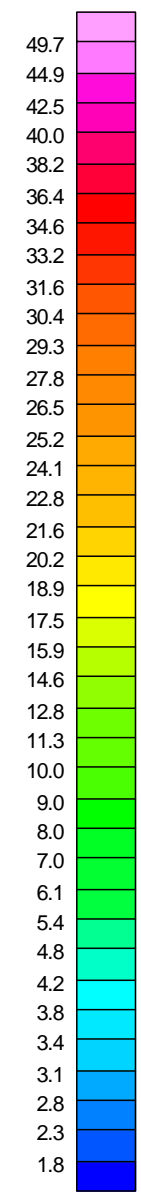
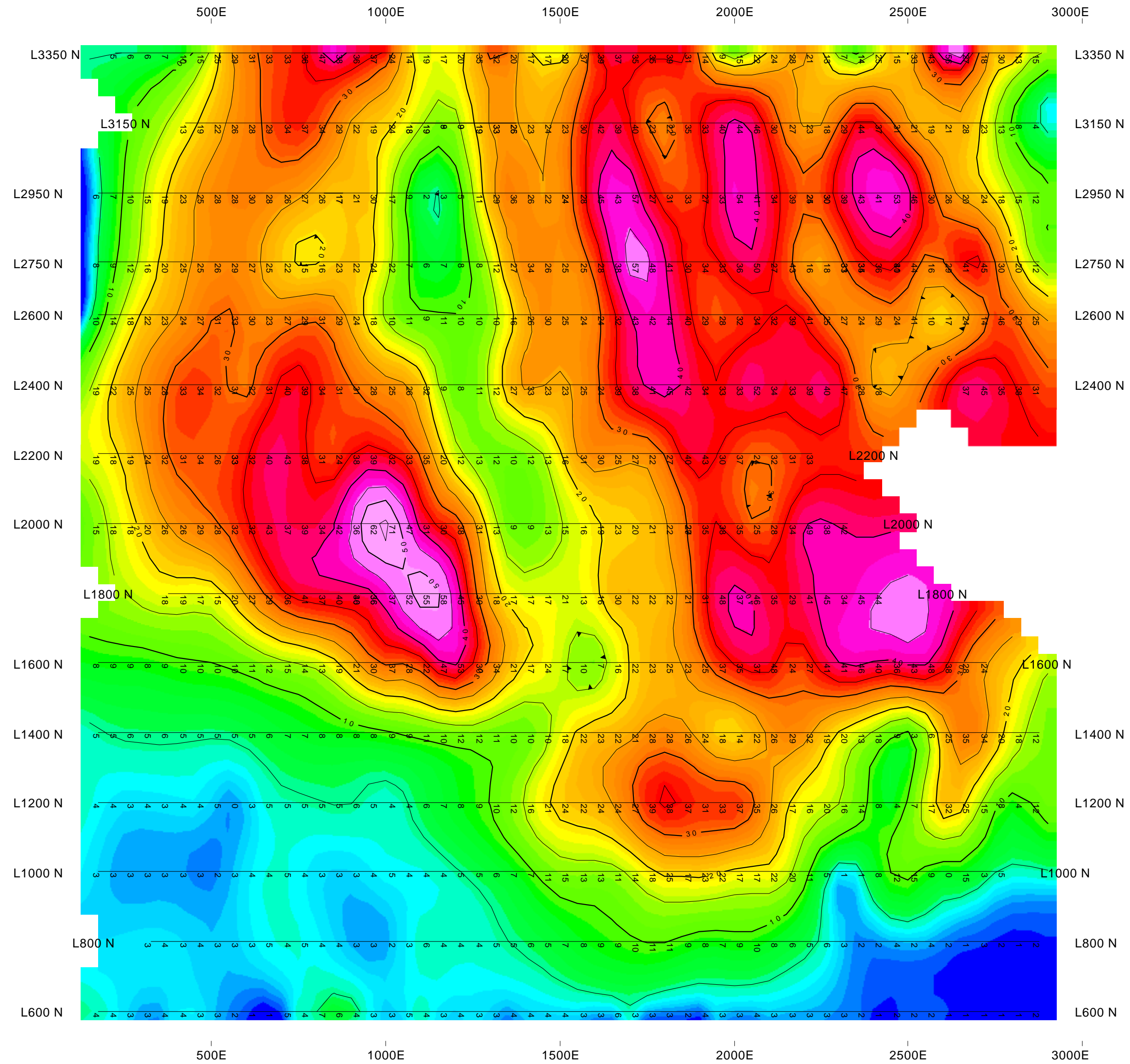


**EAGLE PEAK RESOURCES INC.**

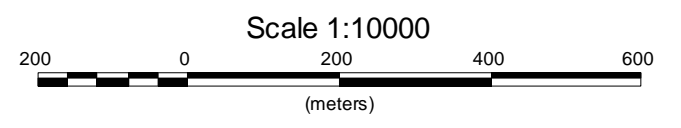
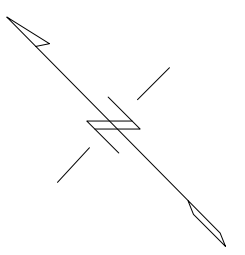
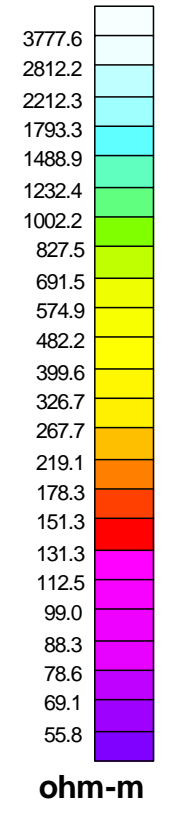
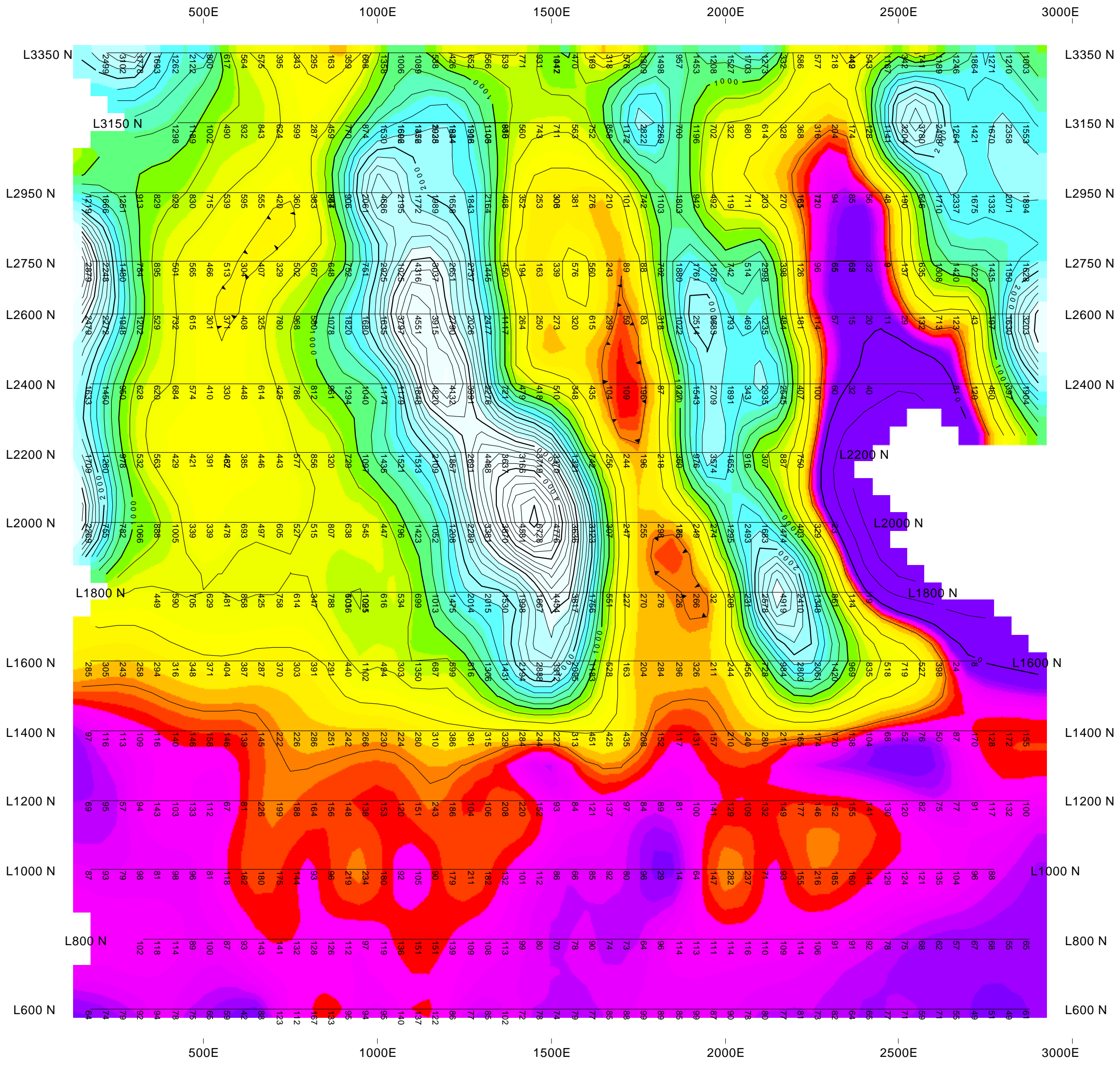
**INDUCED POLARIZATION SURVEY  
APPARENT RESISTIVITY (ohm-m)  
N=3**

BIG ONION PROPERTY  
OMINECA M.D., BRITISH COLUMBIA  
July 2008

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<b>EAGLE PEAK RESOURCES INC.</b>
<b>INDUCED POLARIZATION SURVEY APPARENT CHARGEABILITY (mV/V) N=5</b>
BIG ONION PROPERTY OMINECA M.D., BRITISH COLUMBIA July 2008
<b>PETER E. WALCOTT &amp; ASSOCIATES LTD.</b>



**EAGLE PEAK RESOURCES INC.**

**INDUCED POLARIZATION SURVEY  
APPARENT RESISTIVITY (ohm-m)  
N=5**

BIG ONION PROPERTY  
OMINECA M.D., BRITISH COLUMBIA  
July 2008

**PETER E. WALCOTT & ASSOCIATES LTD.**