

**ASSESSMENT REPORT  
On The**

**Lost Load Property**

**Claims BB1 to BB68 and GR1 to GR60**

**Grant Numbers YC5996-YC60055, YC65514-YC65744  
And  
YC65945 to YC65956**

| <b>Work Performed on</b> |             |                     |             |
|--------------------------|-------------|---------------------|-------------|
| <b>Grant Number</b>      | <b>Name</b> | <b>Grant Number</b> | <b>Name</b> |
| YC65740                  | BB 52       | YC65744             | BB 56       |
| YC65535                  | BB 22       | YC65742             | BB 54       |
| YC65515                  | BB 2        | YC65741             | BB 53       |
| YC65951                  | BB 63       | YC65736             | BB 48       |
| YC65534                  | BB 21       | YC65955             | BB 67       |
| YC65734                  | BB 46       | YC65949             | BB 61       |
| YC65953                  | BB 65       | YC65743             | BB 55       |

**NTS 115H/7,8,9, and 10.**

**-136.55<sup>0</sup> West, 61.522<sup>0</sup> North**

**WHITEHORSE MINING DISTRICT**

**REGISTERED ONWER**

Martin Paquett, Dennis Jacob, and Ralf Hillebrand

Work Done By  
Worthing Minerals Inc.  
Derrick Strickland P.Geo.

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## **1 Summary**

The Lost Load property consists of 128 claims located in the Aishihik Lake area of the south-central Yukon Territory. The property is accessed by float plane or helicopter charter from Whitehorse, 120 kilometers to the south.

The property consists of one contiguous claim block which lie in a broad upland area, characterized by wide plateaus and valleys, rounded hills, and old lake bottom flats and terraces.

The claims overlie rocks of the Yukon Crystalline Terrane, consisting of basement schist and gneiss, amphibolite and volcanics intruded by granitic rocks of the Aishihik batholith. Tertiary and Eocene felsic to basic volcanics unconformably overlie the granitic bodies. Structurally, the Kirkland Creek fault, a major northwest orientated fault, traverses the area.

Fine-grained placer gold was discovered in early 1900's in tributaries of Kirkland Creek, draining east from a large area underlain by felsic volcanic rocks. Reconnaissance level exploration in 1989 identified highly anomalous gold values in heavy mineral concentrates collected from stream sediments on the NICK I claims, part of which are now covered by the subject claims. In 1990, airborne geophysical surveys over three sections of the NICK I claims located EM, resistivity and VLF anomalies coinciding with anomalous gold values in stream sediments. These areas were targeted for further surface work but economic conditions at that time prevented the recommended programs.

These zones formed as a result of hydrothermal activity in faults and breccia pipes during multi-stage volcanism and may represent a potential source for the fine-grained gold in the stream sediments. However, rock samples collected from several alteration zones returned only background precious metal values. Future exploration on the NICK I claims was recommended to evaluate grid geophysical and geochemical anomalies, argillic alteration zones, and airborne EM anomalies. Potential mineralized structures recognized include breccia pipes, splays and cross-faults from the Kirkland Creek fault and stockworks.

## **2 Property Description and Location**

The Lost Load property of Worthing Minerals Inc. is located 120 kilometres northwest of Whitehorse and consists of 128 contiguous two-post Yukon Quartz claim covering an area of 2654.38 hectares in the Whitehorse Mining District. The Lost Load property is located on NTS map sheets 115H07, 115H08, 115H09, and 115H10 with geographic center 61° 31' North and 136° 2' West. Figure 1 shows the general location of the property.

## **3 Access, Local Resources, Infrastructure and Physiography**

The claims are located east of Aishihik Lake and 30 km west of the Klondike Highway near Kirkland Creek in the south-central Yukon on NTS Map Sheet 115H07, 115H08, 115H09 and 115H10; geographical co-ordinates 61° 31' North and 136° 2' East. Whitehorse, the capital of the Yukon Territory, is 120 kilometers southeast of the properties.

Helicopter and fixed-wing aircraft are the primary means of access to the property. Charters are available from Whitehorse, Haines Junction, and Carmacks. Small lakes located in the southwest and southeast southwestern sections of the property are adequate for float or ski equipped aircraft. There is a winter road to the property from the Aishihik Lake Road, which was used to service placer mining operations in the 1980's.

The properties lie in a broad upland area, characterized by wide plateaus and valleys, rounded hills, old lake-bottom flats and terraces. Kirkland Creek flows on the east edge of the Property. The central and northern portion of the Lost Load property is above treeline, consisting of long interconnected ridges and spurs rising up to 1,525 metres; separated by wide flat-bottomed valleys. The ridge tops are broad and grassy with few rocky sections. Ridge walls are steep and the southern and westerly facing slopes are grassy with sections of alder and rock talus. Spruce and pine forest is limited to lower elevations and valley bottoms which are typically swampy. Lake Terrace Creek flows to the east through the central section of the claim block.

This region has central interior Climate characterized by long cold winters and dry warm summers. Temperatures average 15 degrees Celsius in summer and range from 0 to -50 degrees Celsius in winter. Annual precipitation averages 30 centimetres and with packs up to 50 centimeters.

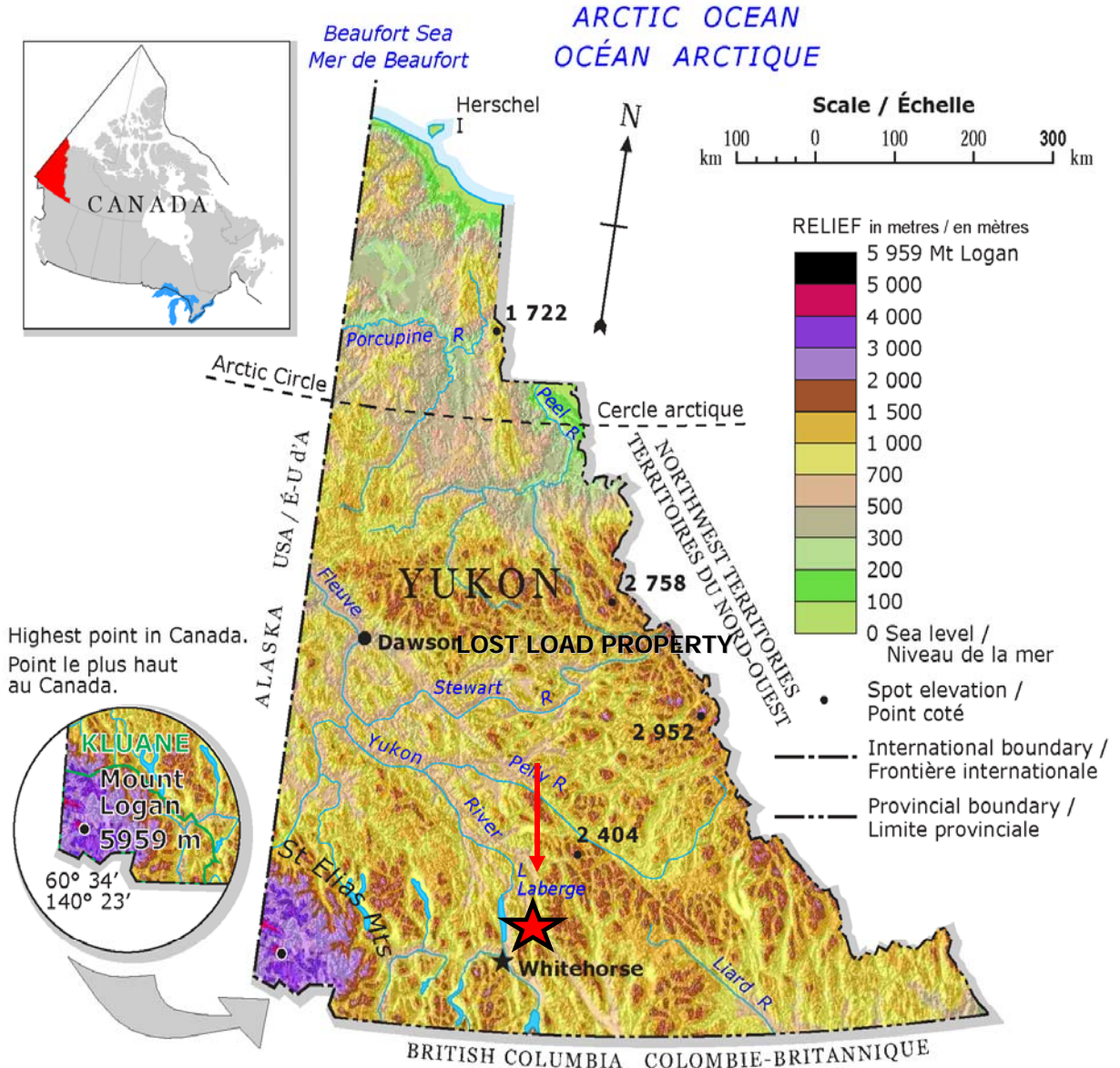
**Table 1, Claim Status 2008**

| Claim Name | Grant No. | RegType | Claim Owner             | NTS    | Expiry Date | Hectare |
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| GR 2       | YC59997   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 3       | YC59998   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
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| GR 5       | YC60000   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 6       | YC60001   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 7       | YC60002   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
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| GR 11      | YC60006   | Quartz  | Ralf Hillebrand - 100%. | 115H10 | 30/03/2008  | 20.90   |
| GR 12      | YC60007   | Quartz  | Ralf Hillebrand - 100%. | 115H10 | 30/03/2008  | 20.90   |
| GR 13      | YC60008   | Quartz  | Ralf Hillebrand - 100%. | 115H10 | 30/03/2008  | 20.90   |
| GR 14      | YC60009   | Quartz  | Ralf Hillebrand - 100%. | 115H10 | 30/03/2008  | 20.90   |
| GR 15      | YC60010   | Quartz  | Ralf Hillebrand - 100%. | 115H10 | 30/03/2008  | 20.90   |
| GR 16      | YC60011   | Quartz  | Ralf Hillebrand - 100%. | 115H10 | 30/03/2008  | 20.90   |
| GR 17      | YC60012   | Quartz  | Ralf Hillebrand - 100%. | 115H10 | 30/03/2008  | 20.90   |
| GR 18      | YC60013   | Quartz  | Ralf Hillebrand - 100%. | 115H10 | 30/03/2008  | 20.90   |
| GR 19      | YC60014   | Quartz  | Ralf Hillebrand - 100%. | 115H10 | 30/03/2008  | 20.90   |
| GR 20      | YC60015   | Quartz  | Ralf Hillebrand - 100%. | 115H10 | 30/03/2008  | 20.90   |
| GR 21      | YC60016   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 22      | YC60017   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 23      | YC60018   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 24      | YC60019   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 25      | YC60020   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 26      | YC60021   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 27      | YC60022   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 28      | YC60023   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 29      | YC60024   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 30      | YC60025   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 31      | YC60026   | Quartz  | Ralf Hillebrand - 100%. | 115H10 | 30/03/2008  | 20.90   |
| GR 32      | YC60027   | Quartz  | Ralf Hillebrand - 100%. | 115H10 | 30/03/2008  | 20.90   |
| GR 33      | YC60028   | Quartz  | Ralf Hillebrand - 100%. | 115H10 | 30/03/2008  | 20.90   |
| GR 34      | YC60029   | Quartz  | Ralf Hillebrand - 100%. | 115H10 | 30/03/2008  | 20.90   |
| GR 35      | YC60030   | Quartz  | Ralf Hillebrand - 100%. | 115H10 | 30/03/2008  | 20.90   |
| GR 36      | YC60031   | Quartz  | Ralf Hillebrand - 100%. | 115H10 | 30/03/2008  | 20.90   |
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| GR 40      | YC60035   | Quartz  | Ralf Hillebrand - 100%. | 115H07 | 30/03/2008  | 20.90   |
| GR 41      | YC60036   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 42      | YC60037   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 43      | YC60038   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 44      | YC60039   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 45      | YC60040   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |
| GR 46      | YC60041   | Quartz  | Ralf Hillebrand - 100%. | 115H09 | 30/03/2008  | 20.90   |

| Claim Name | Grant No. | RegType | Claim Owner             | NTS    | Expiry Date | Hectare |
|------------|-----------|---------|-------------------------|--------|-------------|---------|
| GR 47      | YC60042   | Quartz  | Ralf Hillebrand - 100%. | 115H08 | 30/03/2008  | 20.90   |
| GR 48      | YC60043   | Quartz  | Ralf Hillebrand - 100%. | 115H08 | 30/03/2008  | 20.90   |
| GR 49      | YC60044   | Quartz  | Ralf Hillebrand - 100%. | 115H08 | 30/03/2008  | 20.90   |
| GR 50      | YC60045   | Quartz  | Ralf Hillebrand - 100%. | 115H08 | 30/03/2008  | 20.90   |
| GR 51      | YC60046   | Quartz  | Ralf Hillebrand - 100%. | 115H08 | 30/03/2008  | 20.90   |
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| BB 33      | YC65546   | Quartz  | Martin Paquette - 100%. | 115H10 | 10/08/2008  | 20.90   |
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| BB 35      | YC65548   | Quartz  | Martin Paquette - 100%. | 115H10 | 10/08/2008  | 20.90   |
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| BB 45      | YC65733   | Quartz  | Denis Jacob - 100%.     | 115H10 | 06/09/2008  | 20.90   |
| BB 46      | YC65734   | Quartz  | Denis Jacob - 100%.     | 115H10 | 06/09/2008  | 20.90   |
| BB 47      | YC65735   | Quartz  | Denis Jacob - 100%.     | 115H10 | 06/09/2008  | 20.90   |
| BB 48      | YC65736   | Quartz  | Denis Jacob - 100%.     | 115H10 | 06/09/2008  | 20.90   |
| BB 49      | YC65737   | Quartz  | Denis Jacob - 100%.     | 115H10 | 06/09/2008  | 20.90   |
| BB 50      | YC65738   | Quartz  | Denis Jacob - 100%.     | 115H10 | 06/09/2008  | 20.90   |
| BB 51      | YC65739   | Quartz  | Denis Jacob - 100%.     | 115H10 | 06/09/2008  | 20.90   |
| BB 52      | YC65740   | Quartz  | Denis Jacob - 100%.     | 115H10 | 06/09/2008  | 20.90   |
| BB 53      | YC65741   | Quartz  | Denis Jacob - 100%.     | 115H10 | 06/09/2008  | 20.90   |
| BB 54      | YC65742   | Quartz  | Denis Jacob - 100%.     | 115H10 | 06/09/2008  | 20.90   |
| BB 55      | YC65743   | Quartz  | Denis Jacob - 100%.     | 115H10 | 06/09/2008  | 20.90   |
| BB 56      | YC65744   | Quartz  | Denis Jacob - 100%.     | 115H10 | 06/09/2008  | 10.80   |
| BB 57      | YC65945   | Quartz  | Denis Jacob - 100%.     | 115H10 | 03/10/2008  | 10.80   |
| BB 58      | YC65946   | Quartz  | Denis Jacob - 100%.     | 115H10 | 03/10/2008  | 20.90   |
| BB 59      | YC65947   | Quartz  | Denis Jacob - 100%.     | 115H10 | 03/10/2008  | 20.90   |
| BB 60      | YC65948   | Quartz  | Denis Jacob - 100%.     | 115H10 | 03/10/2008  | 20.90   |
| BB 61      | YC65949   | Quartz  | Denis Jacob - 100%.     | 115H10 | 03/10/2008  | 20.90   |
| BB 62      | YC65950   | Quartz  | Denis Jacob - 100%.     | 115H10 | 03/10/2008  | 20.90   |
| BB 63      | YC65951   | Quartz  | Denis Jacob - 100%.     | 115H10 | 03/10/2008  | 20.90   |
| BB 64      | YC65952   | Quartz  | Denis Jacob - 100%.     | 115H10 | 03/10/2008  | 20.90   |
| BB 65      | YC65953   | Quartz  | Denis Jacob - 100%.     | 115H10 | 03/10/2008  | 20.90   |
| BB 66      | YC65954   | Quartz  | Denis Jacob - 100%.     | 115H10 | 03/10/2008  | 20.90   |
| BB 67      | YC65955   | Quartz  | Denis Jacob - 100%.     | 115H10 | 03/10/2008  | 20.90   |
| BB 68      | YC65956   | Quartz  | Denis Jacob - 100%.     | 115H10 | 03/10/2008  | 20.90   |

**Figure 1 Location of Property**



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 Sa Majesté la Reine du chef du Canada, Ressources naturelles Canada.

[www.atlas.gc.ca](http://www.atlas.gc.ca)

## 4 Exploration History

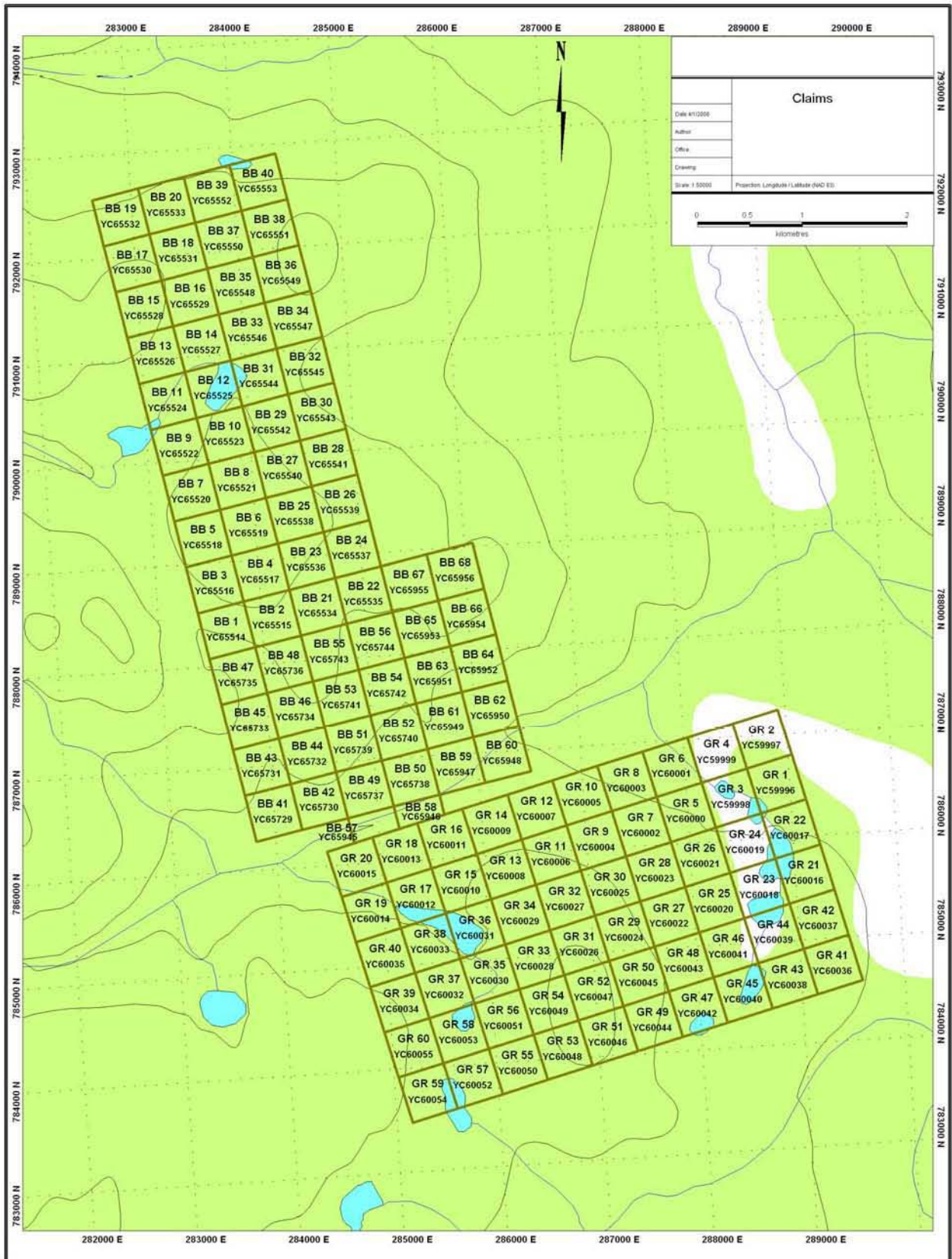
The Aishihik Lake – Kirkland Creek area has long history of intermittent exploration dating from before the 1896 discovery of rich placer gold deposits in the Klondyke, as prospectors searching for placer gold first passed through the Kirkland Creek region during the 1880's. Subsequently, the Dalton Trail, which provided access from the coast at Haines, Alaska to the Klondyke, partly followed along Kirkland Creek and the presence of fine placer gold in creeks draining into Kirkland Creek from the area now covered by the property was noted during the initial Klondyke gold rush stampede.

Prospectors traversed the general Aishihik region at various times, exploring for both placer gold occurrences and lode deposits of copper and/or gold-silver-lead-zinc mineralization. Numerous prospects have been located during the various exploration surges, including gold-copper deposits near Hopkins and Giltana Lakes and gold-silver-deposits to the north west at Mt. Nansen. The area covered by the property was traversed by prospectors working for major mining companies on regional copper-molybdenum porphyry and uranium exploration projects during the 1970's. At this time, several claim groups were explored on and around the property, by companies such as Noranda Exploration and Mitsubishi who tested for "porphyry" copper deposits.

In 1987-1988 a regional stream sediment geochemical survey was performed over the Aishihik Lake map sheet funded by Yukon Territorial Government and the Department of Energy, Mines and Resources. A large area underlain by Tertiary volcanic rocks produced anomalous gold, arsenic, antimony and mercury values. The Nick claims were staked as a result in 1989 and explored by Golden Hemlock Exploration Ltd./Golden Quail Exploration Ltd.

Gold exploration in the 1980's focused on Cretaceous to Tertiary volcanic events in the south-central Yukon. Several prospects were staked in the Kirkland Creek area but no significant results were reported. Placer gold testing was performed on three creeks draining easterly into Kirkland Creek. Fine-grained gold was recovered in sub-economic amounts from the test pits.

Figure 2 Location of Claims



## 4.1 James Dodge

In 1984 James Dodge undertook an exploration program. The exploration program included mapping and rock sampling. A total of six rock samples were collected. In the rocks samples gave value as high as 400 ppb mercury and 30 ppb antimony

Mr Dodge noted

*“Hydrothermal mineralization with very low sulfur fugacity is represented in three distinct modes on the claims; namely, argillic alteration of breccia pipe fragments followed by one and possibly two stages of chalcedonic healing, argillic alteration along open fissures subsequently filled with drusy and crustiform quartz with accompanying fluorspar, and a jasperoidized breccia pipe. All this mineralization is evidence of near-surface, low temperature hydrothermal systems in proximity to the structurally prepared sites. A plutonic heat source, sufficient to drive the circulation of these mineralizing solutions, is reflected in the early Tertiary age of the varicoloured rhyolite flows and the porphyry dykes. Vein- and pipe-breccias appear to be localized in the vicinity of the intersection of the northeast trending open fissures and an arcuate or ring dyke fault system. No, sulfide minerals were evident in any of the breccia zones.”*

## 4.2 Golden Quail Resources Ltd.

### 1989

Golden Quail undertook reconnaissance level exploration work in August and September 1989 consisting of 56 soil and 103 stream sediments, 24 rock, and 18 heavy metal samples. The heavy mineral concentrates collected from tributaries of Lake Terrace Creeks recorded gold values from 327 to 24,300 ppb (.Lambert 1989). The presence of very fine grained gold was noted during the sampling program.

## 4.3 Golden Hemlock Exploration Ltd. 1990

In 1990 Golden Hemlock undertook an airborne geophysical survey over the property. A Total of 200 line kilometres of electromagnetic, magnetic, and VLF survey were flown. As a result 15 airborne anomalies were identified with several coinciding with high gold values in stream sediment samples which were targeted for further surface work. A 26 line kilometre grid was established trending 155° with 100 metre line spacing to facilitate soil sampling, VLF and magnetometer survey and geological mapping.

## **5 Geological Setting**

### **5.1 Regional Geology**

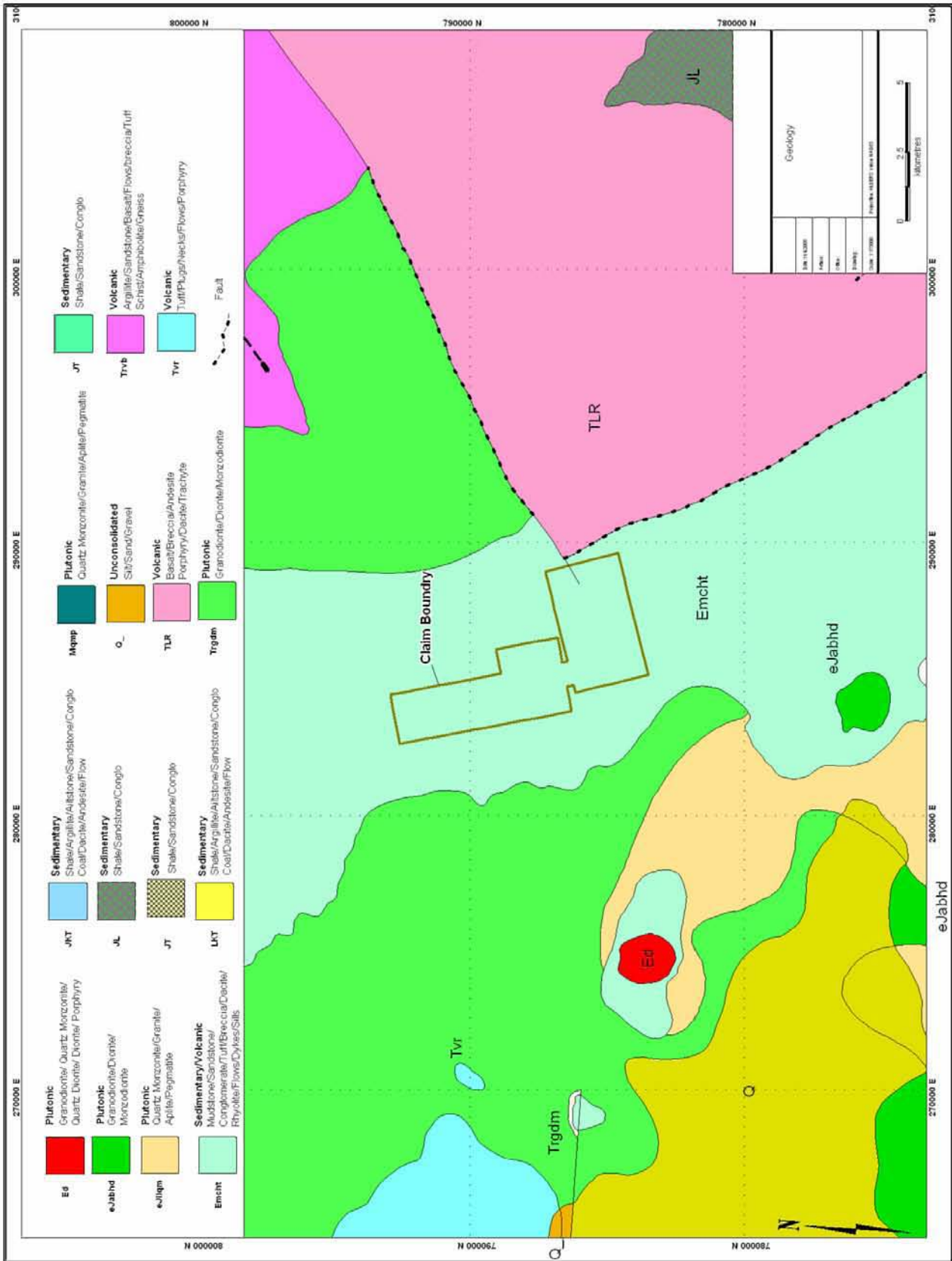
The Kirkland Creek area lies in the Yukon Crystalline Terrane, an assemblage of Yukon Group schist, gneiss, and amphibolite; Triassic andesite to basalt flows and tuff breccia; intruded by granitic batholiths. Eocene volcanic rocks unconformably overlie the basement units.

The Aishihik Batholith underlies much of the district. Triassic to Lower Jurassic in age, the intrusive body ranges in composition from dark grey granodiorite to pink quartz monzonite and porphyritic quartz monzonite.

Tertiary and Eocene volcanic rocks unconformably overlie the granitic bodies. On the property the volcanics consist primarily of felsic tuffs, flows and breccias which weather white, yellow or red in colour. Dark green mafic volcanic plugs and dykes cut the felsic units. Structurally a major northwest trending fault traverses the property. Other prominent features include east-west faults along Lake Terrace Creeks, and northwesterly trending faults along the Black Lake valley.

Cretaceous to Tertiary volcanic rocks host lode gold deposits in the Dawson Range north of the property and in the Wheaton District south of the Aishihik area. Lode mineralization consists of epithermal to mesothermal gold bearing calcite-quartz-chalcedony vein systems in faults and fracture zones associated with felsic intrusives. In the Wheaton Valley ring dykes and fault zones developed during caldera collapse. In the Dawson Range gold mineralization occurs in quartz veins and fractures formed during intrusion of quartz feldspar porphyry and breccia bodies. Alteration zones vary from narrow seams of clay gouge along the margins of individual quartz veins to wide areas of propylitic and argillic alteration around intrusive breccias. Sericite and pyrite are common accessory minerals.

Figure 3 Property Geology



## 5.2 Property Geology

The property is mainly underlain by felsic Tertiary volcanic units of the Selkirk Volcanics. A few dykes and sills of basic volcanic rock intrude the sequence. The volcanics are flat-lying. No granitic or older volcanic rocks are seen but intrusives of the Aishihik Batholith probably underlie the western margin of claim block. Outcrop locally is limited to a few steep slopes and high ridges, Prominent bedrock usually consists of red to light brown highly silicified felsic breccia. Recessive areas contain talus of white to yellow crystal tuff and breccia. The volcanics are rhyolitic to dacitic in composition, containing yellow feldspar phenocrysts. Andesite porphyry dykes and mafic volcanic dykes and sills intrude the felsic volcanics.

Argillic alteration zones containing banded coliform texture jasperoid occur along linear depressions trending N40<sup>0</sup>-65<sup>0</sup>W. The alteration zones were formed by hydrothermal circulation through faults and breccia pipes in the volcanic pile . They occasionally contain drusy quartz-chalcedony veinlets and fluorite but no sulphide minerals were evident.

## 6 Exploration

Worthing Minerals Inc. undertook an exploration program in the summer of 2007, from August 24<sup>th</sup> to September 2<sup>nd</sup>. The program entailed a 20.0 line kilometres of an Induced Polarization. The IP survey was undertaken on 14 claims ( See table below)

**Table 2, IP Survey**

| <b>Grant Number</b> | <b>Name</b> |
|---------------------|-------------|
| YC65740             | BB 52       |
| YC65535             | BB 22       |
| YC65515             | BB 2        |
| YC65951             | BB 63       |
| YC65534             | BB 21       |
| YC65734             | BB 46       |
| YC65953             | BB 65       |
| YC65744             | BB 56       |
| YC65742             | BB 54       |
| YC65741             | BB 53       |
| YC65736             | BB 48       |
| YC65955             | BB 67       |
| YC65949             | BB 61       |
| YC65743             | BB 55       |

## 6.1 Induced Polarization Survey

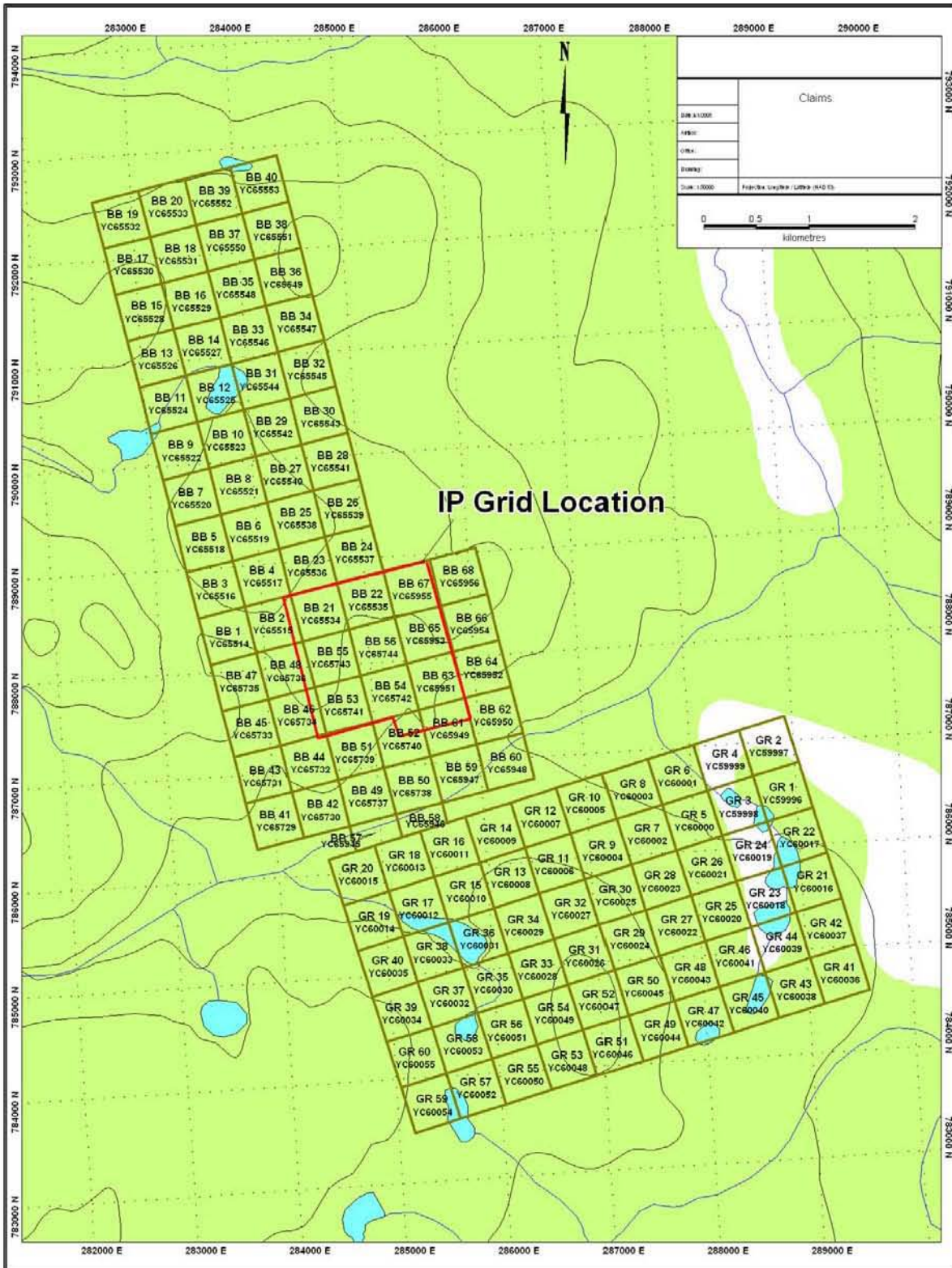
A 3D Induced Polarization (3DIP) survey was undertaken for Worthing Minerals on its Lost Load property September and October 2007. The purpose of the survey was to assist with the geological mapping process by outlining subsurface features as well as delineating drill targets. See figure 4 for location of grid.

As a result, 16 East-West lines, labeled from 0N to 1600S, have a line spacing of 100 m. 14 lines with a line length of 1400m and two lines with two lines of 200 m were surveyed with all lines staked with 25m stations.(figure 5). A total of 20.0 line kilometers of data was acquired. Detailed survey line information and all the associated maps can be located in Appendix 1

### 6.1.2 Field Work and Instrumentation

For the 3D IP survey a modified pole-dipole configuration array was used with a combination of 16 dipoles of 50m and 100m separation. The IP data was collected using Geophysics' Full Wave Form receiver. The current was injected with a 2 seconds on, 2 seconds off duty cycle into the ground via a transmitter (Tx). As for the transmitters, two GDD Tx II 3.6 KW were used during the duration of the program. For the production phase, the 3D configuration consisted of two current lines being recorded into the receiver line. The two current injection locations were on the two adjacent survey lines 100m or 200m away from the receiver line. The potential array was implemented using specialized 8 conductor IP cables configured with 50m takeouts for the potential rods. At each current station, the electrodes used consisted of 15mm stainless steel rods of approximately 1m in length. For the potential line, the electrodes consisted of 10mm stainless steel "pins" of 0.5m in length. The exact location of the remote current is used in the geophysical calculations. Location data was collected using a standard Garmin GPS to an accuracy of 5m. The location data was in NAD 83 projection and integrated with BC Trim DEM for the inversion process. Survey data QC and processing were done on daily base.

Figure 4 IP Grid Location



### **6.1.3 IP Method**

The time domain IP technique energizes the ground surface with an alternating square wave pulse via a pair of current electrodes. On most surveys, such as this one, the IP/Resistivity measurements are made on a regular grid of stations along survey lines. After the transmitter (Tx) pulse has been sent into the ground via the current electrodes, the IP effect is measured as a time diminishing voltage at the receiver electrodes. The IP effect is a measure of the amount of IP polarizable materials in the subsurface rock. Under ideal circumstances, IP chargeability responses are a measure of the amount of disseminated metallic sulfides in the subsurface rocks. There are other rock materials that give rise to IP effects, including some graphitic rocks, clays and some metamorphic rocks (serpentine for example). In the epithermal environment, such as targeted at the Lost Load property, the IP technique can be used to map out alteration and silicification which may reflect linear mineralized structures with only minor sulphide content. From a geological point of view, IP responses are almost never uniquely interpretable. Because of the non-uniqueness of geophysical measurements it is always prudent to incorporate other data sets to assist in interpretation. Also from the IP measurements the apparent (bulk) resistivity of the ground is calculated from the input current and the measured primary voltage. IP/resistivity measurements are generally considered to be repeatable to within about five percent. However, they will exceed that if field conditions change due to variable water content or variable electrode contact.

IP/resistivity measurements are influenced, to a large degree, by the rock materials nearest the surface (or, more precisely, nearest the measuring electrodes), and the interpretation of the traditional pseudosection presentation of IP data in the past has often been uncertain. This is because stronger responses that are located near surface could mask a weaker one that is located at depth.

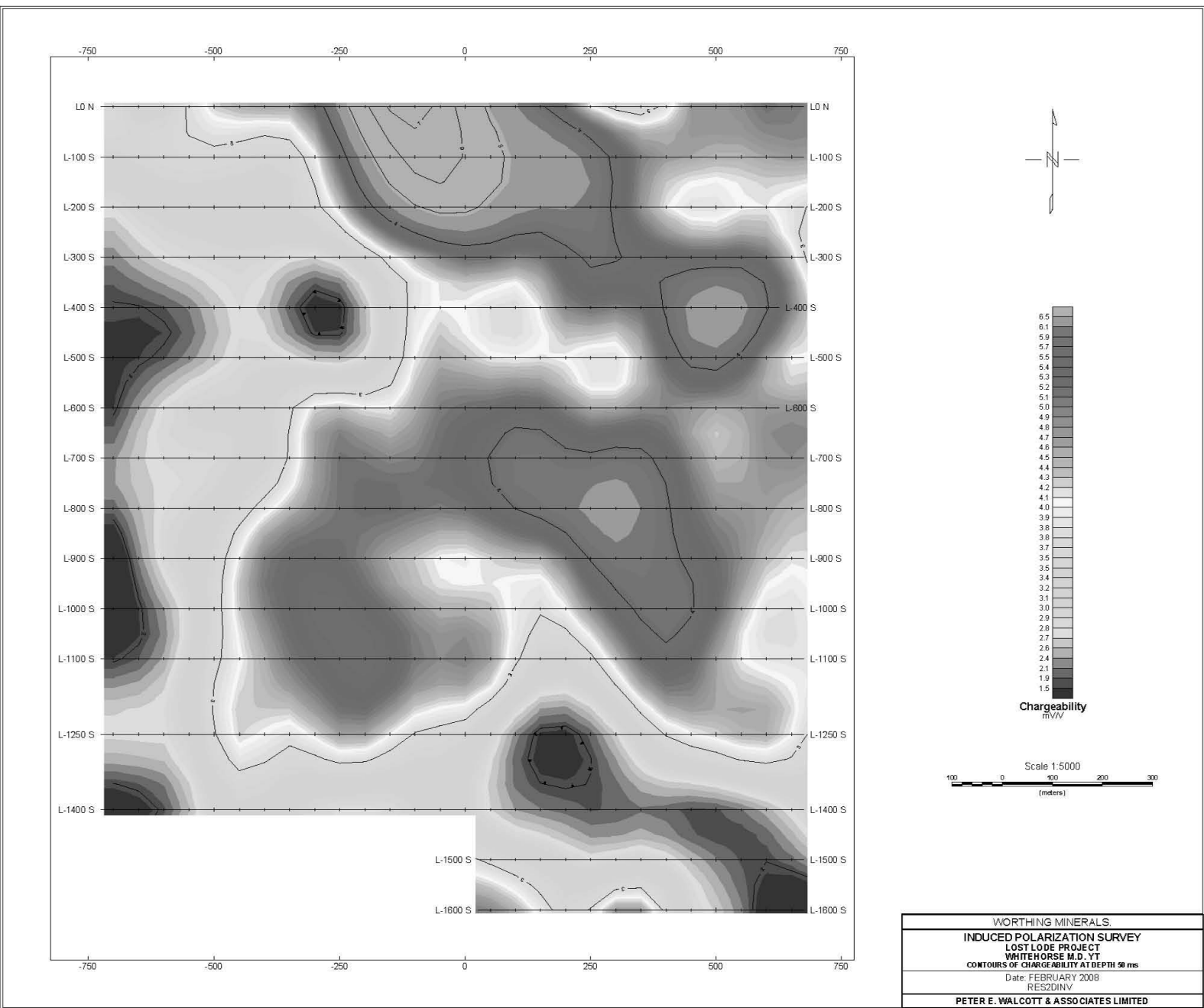
### **6.1.4 3DIP Method**

Three dimensional IP surveys are designed to take advantage of the interpretational functionality offered by 3-D inversion techniques. Unlike conventional IP, the electrode arrays are no longer restricted to in-line geometry. Typically, current electrodes and receiver

electrodes are located on adjacent lines. Under these conditions, multiple current locations can be applied to a single receiver electrode array and data acquisition rates can be significantly improved over conventional surveys. In a common 3D-IP configuration, a receiver array is established, end-to-end along a survey line while current electrodes are located on two adjacent lines. The survey typically starts at one end of the line and proceeds to the other end. A 12 dipole array normally consists of twelve 100m dipoles. Current electrodes are advanced along the adjacent lines, starting at approximate 200m from the center of the array and advance approximately 400m through the array at 100m increments. At this point, the receiver array is advanced 400m and the process is repeated down the line. Receiver arrays are typically established on every second line (400m apart) thereby providing subsurface coverage at 200m increments.

The IP survey has identified several linear anomalies trending north westerly. Two chargeability anomalies extend from L16+00 S to approximately L4+00S where they coalesce and end at 3+00W. A second chargeability anomaly extends from 5+00E on L7+00S to exit the grid at 2+00W on L0+00. Several linear resistivity anomalies are present, generally trending N to NW. A major response traverses the grid from 5+00E on L16+00S to 5+00W on L0+00. The anomaly appears to have splays branching from it and exhibits a combination of very high resistivity responses coupled with very low resistivity responses. This feature has an apparent steep westerly dip and could be reflecting a silicified structure with significant hydrothermal alteration (clay) in its wall rocks. These IP responses lie on strike from EM anomalies in the earlier airborne survey with similar attitudes, and trend toward the known showing of epithermal mineralization about 700 meters further to the north west

**Figure 5 IP**  
Complete Set of maps in Appendix 1



## 7 Conclusions and Recommendations

The 2007 program at the Lost Load Property was designed to test with the IP technique an area with a linear airborne EM/Mag anomaly (1989/90) proximal to and upstream from known placer flour (“epithermal”) gold and stream silt geochemical anomalies. The survey identified several narrow, linear responses which could represent epithermal style alteration and silicification. The main response is coincident with a 1990 airborne geophysical survey and lies on strike of a known epithermal system some 700 meters away.

The survey indicates that the area requires additional exploration. The grid should be extended to the NW cover the old showing and to the SE to cover the stream sediment geochemical anomalies in order to select drill targets on the IP anomalies.

### Proposed Budget for Stage 1

|                         |                  |
|-------------------------|------------------|
| Grid extension          | \$50,000         |
| Detailed soil sampling  | \$20,000         |
| Geology and prospecting | \$30,000         |
| <b>Total</b>            | <b>\$100,000</b> |

## 8 References

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- Pritchard, R.A. 1990: Dighem III Survey for Golden Quail Resources Ltd., Carmacks, Yukon. report for Kirkland Creek Syndicate.

## 9 Certificates

I, Derrick Strickland, of 5-236 West 12<sup>th</sup> Ave, in the City of Vancouver in the Province of British Columbia do hereby certify that:

1. I am a Consulting Geologist working in Vancouver, British Columbia. Who was hired to managed the geophysical program on the Byng Claims in the Yukon.
2. I hold a Bachelor of Science in Geology (1993)
3. I have been employed in the mineral exploration industry since 1987 and have practiced my profession since graduation.
4. I am a member in good standing with Association of Professional Engineers, Geoscientist of British Columbia.
5. The assessment costs presented in this report are true and accurate to the best of my knowledge.

DATED at Vancouver, British Columbia, this 11<sup>th</sup> day of July, 2008

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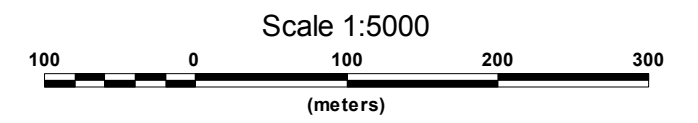
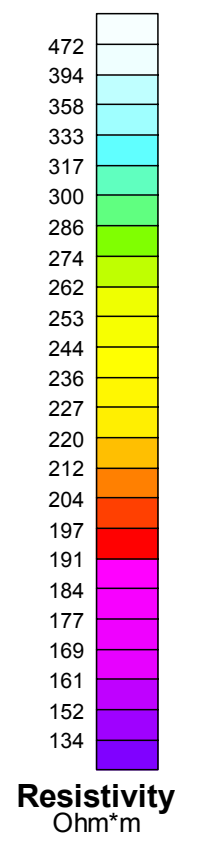
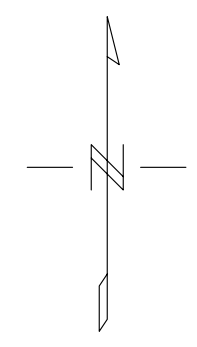
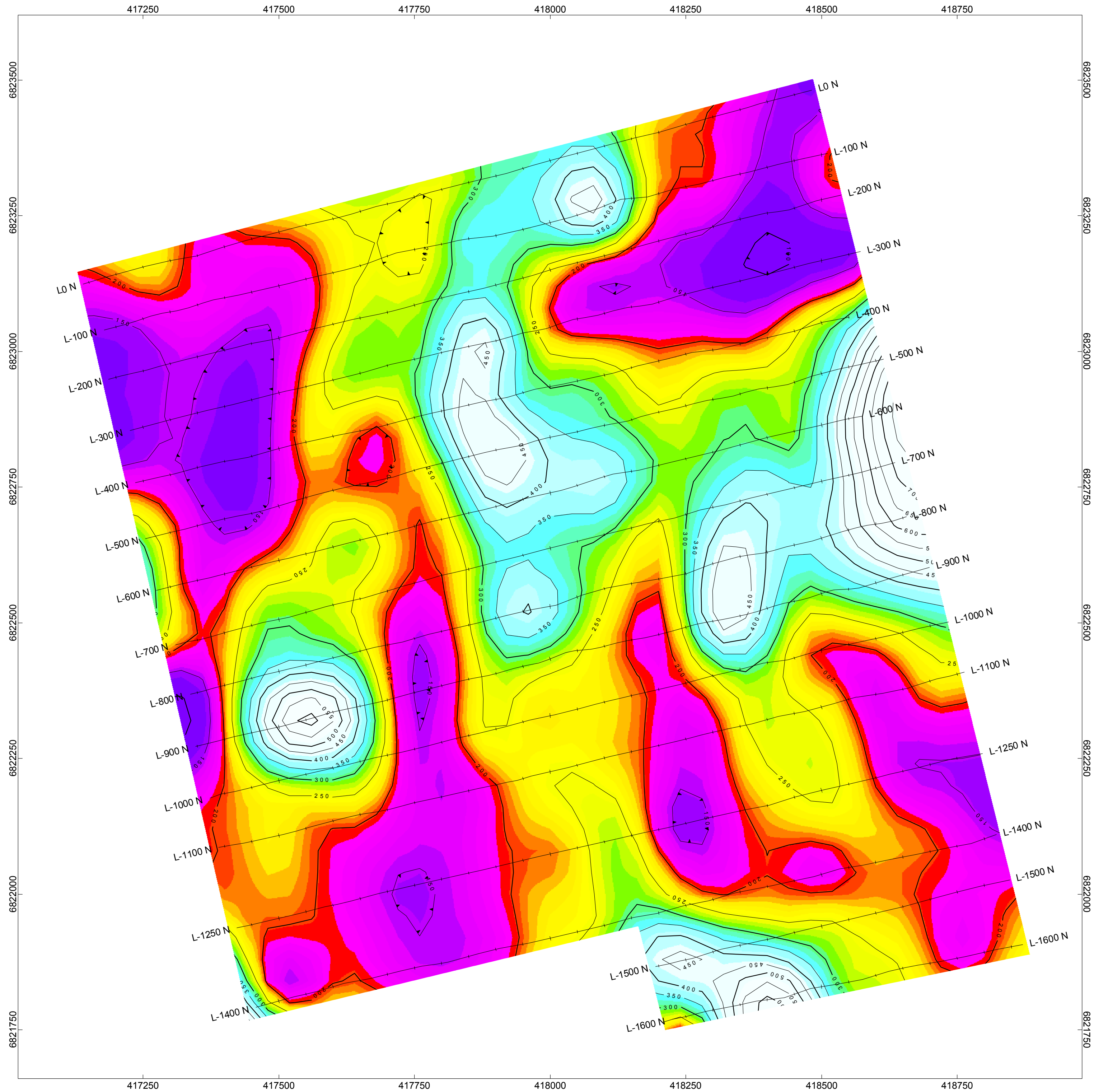
Derrick Strickland, MBA, P.Geol.



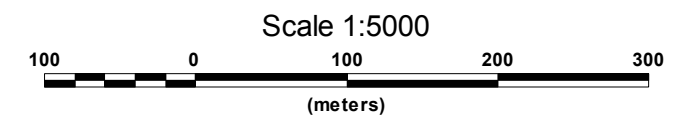
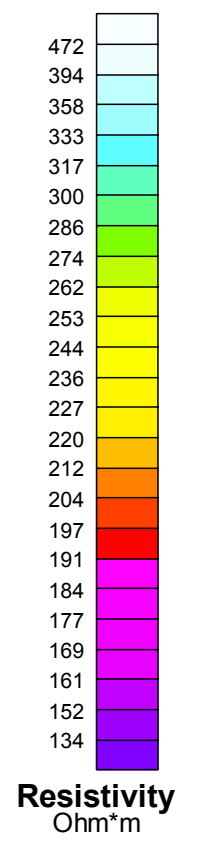
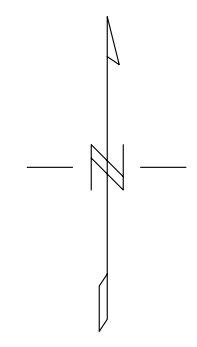
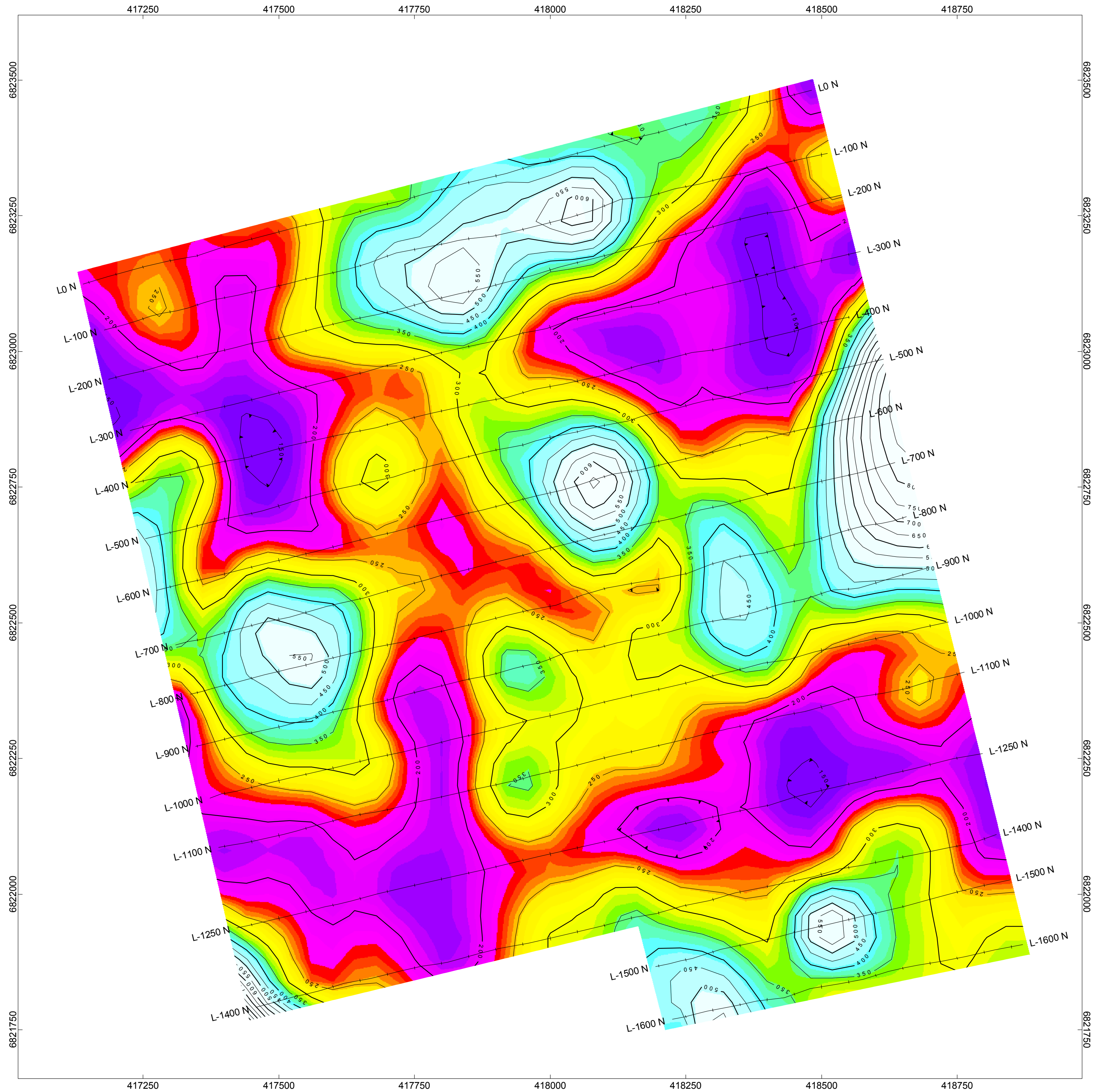
## Appendix 1

Statement of Costs-BB Claims (YC 65514)

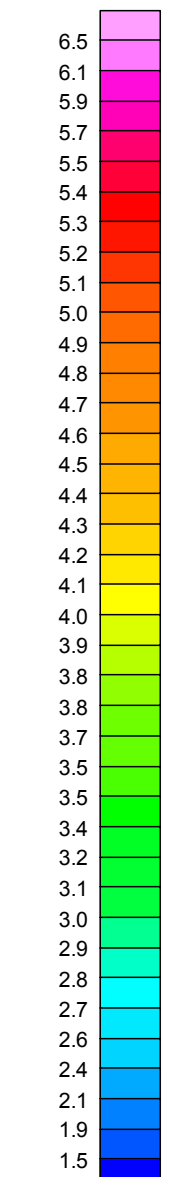
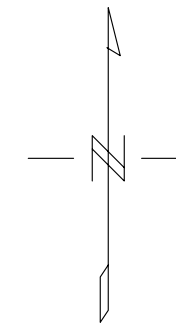
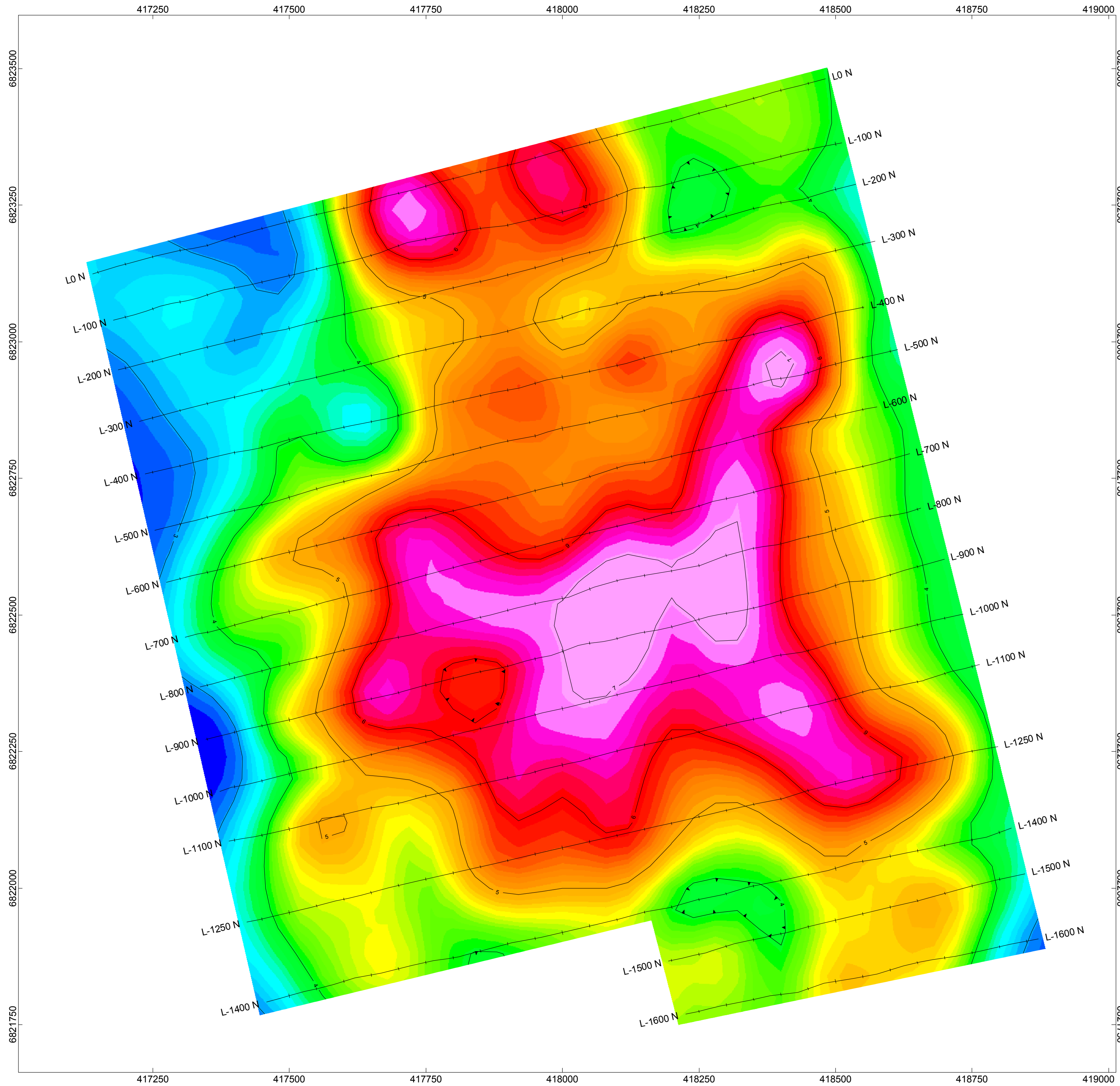
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| 3) Helicopter                          | \$11,275.61      |                  |
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|  | 8,199.56         |                  |
|  | 13,087.21        |                  |
|  | <u>17,304.70</u> |                  |
|  | 84,171.18        | 84,171.18        |
| 4) Coureur de Bois (Winecutting, Camp) |                  | <u>59,793.24</u> |
|  | Total            | \$199,023.04     |



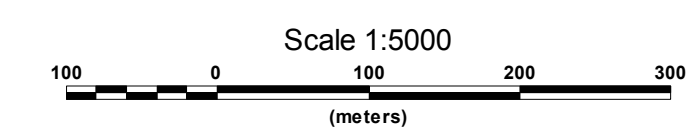
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 Date: FEBRUARY 2008  
 RES2DINV  
 PETER E. WALCOTT & ASSOCIATES LIMITED



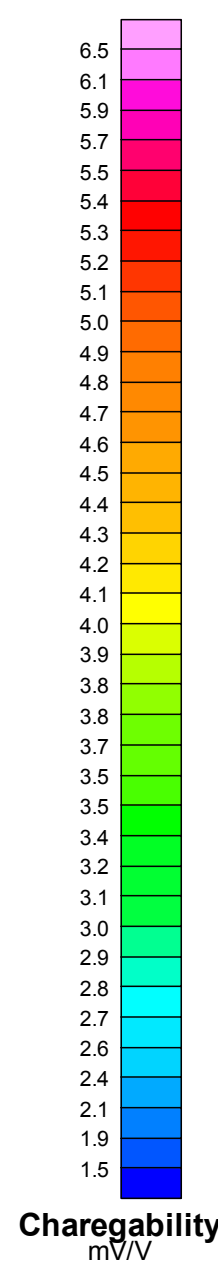
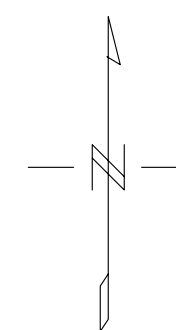
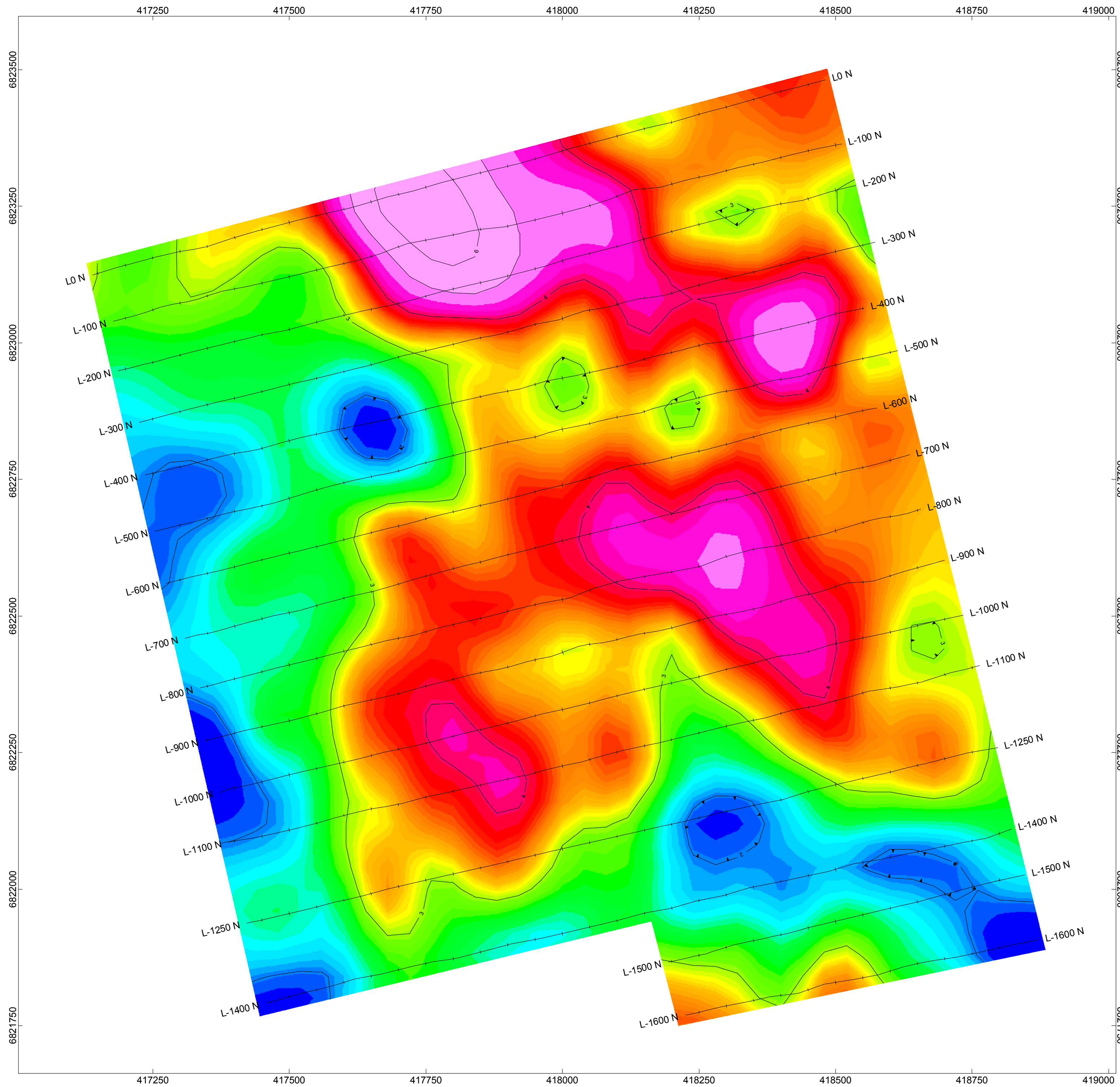
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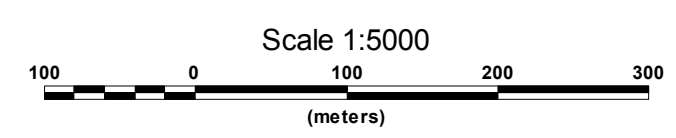
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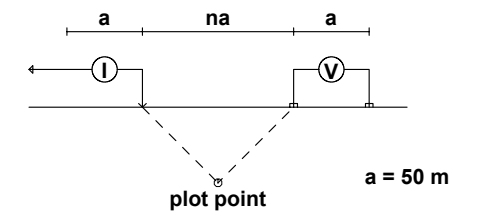
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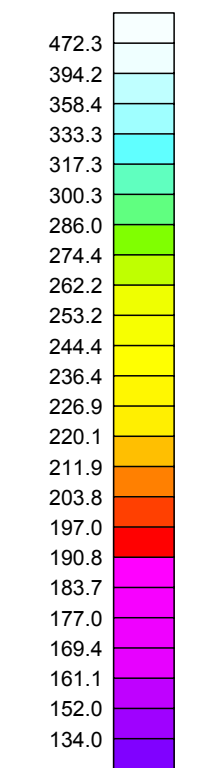
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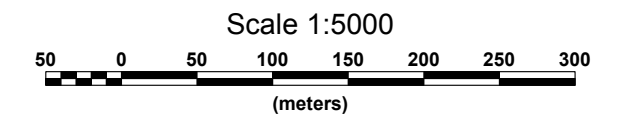


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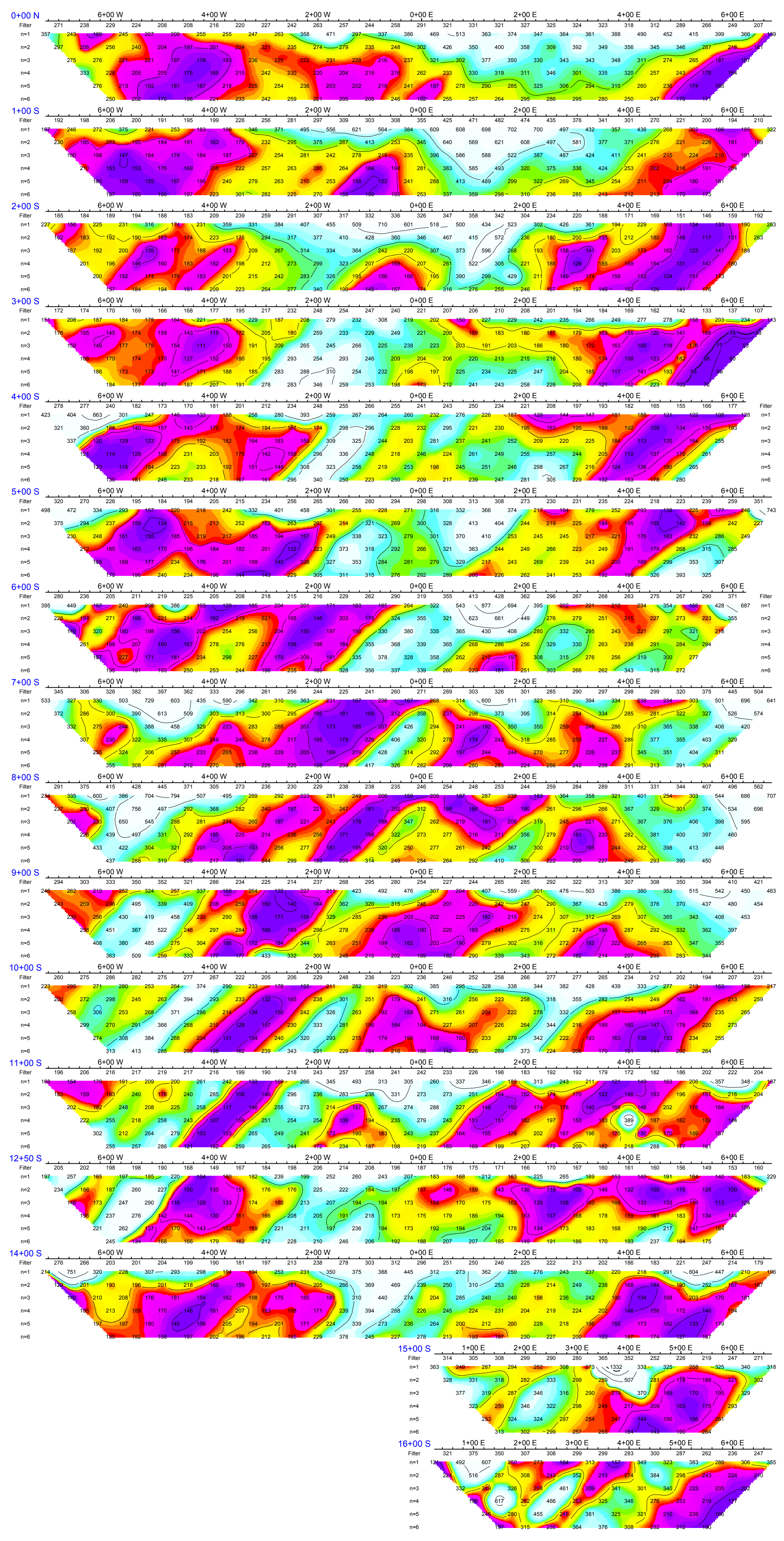
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Resistivity  
Ohm·m

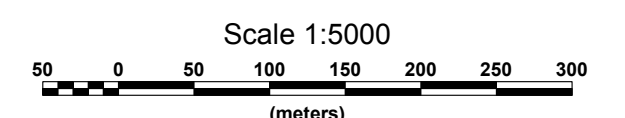
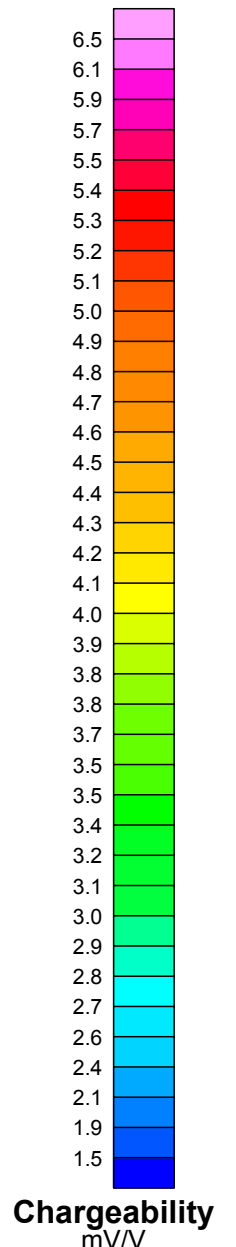
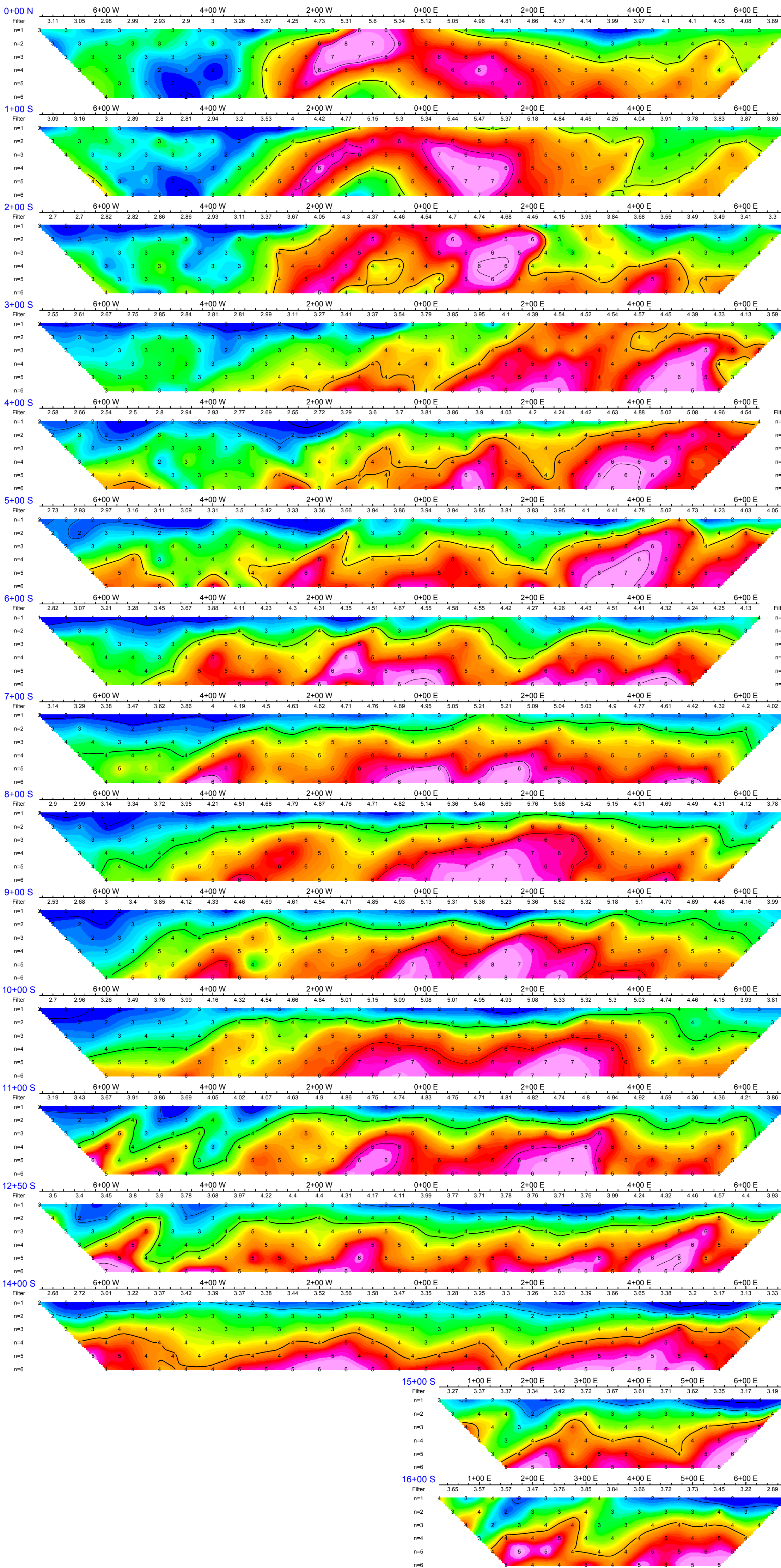
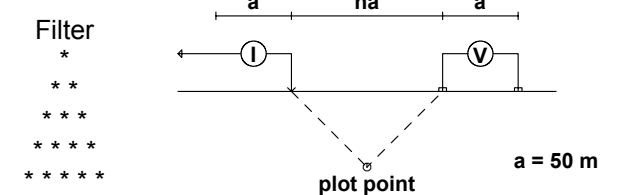


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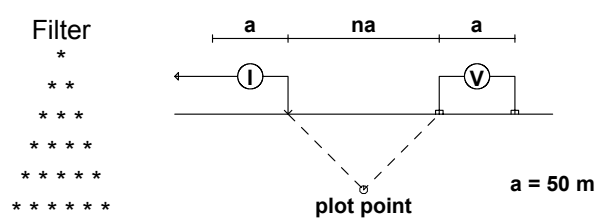
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**PETER E. WALCOTT & ASSOCIATES LIMITED**

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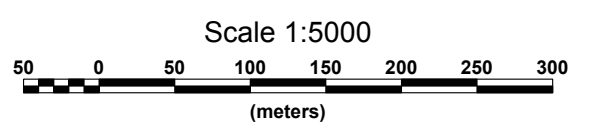
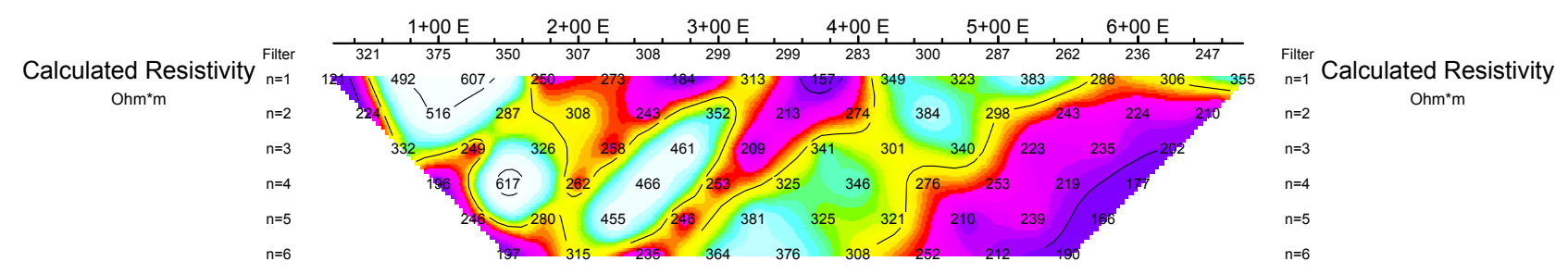
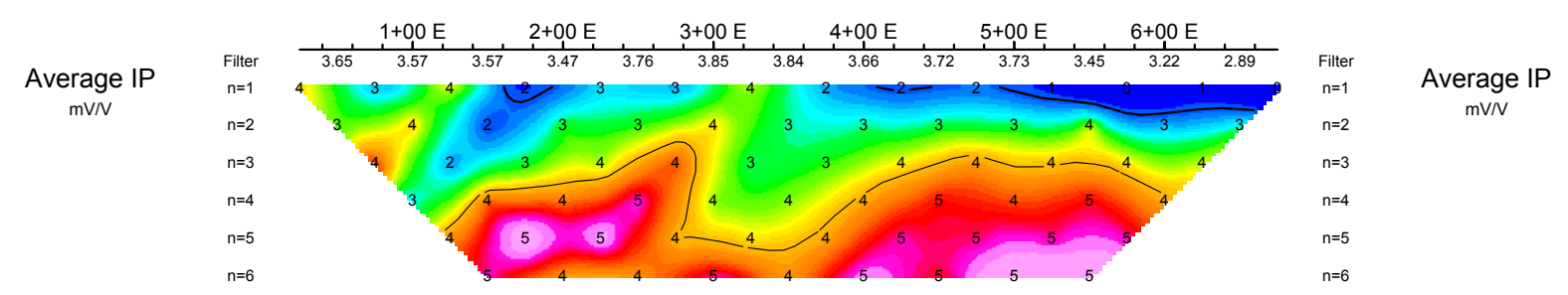
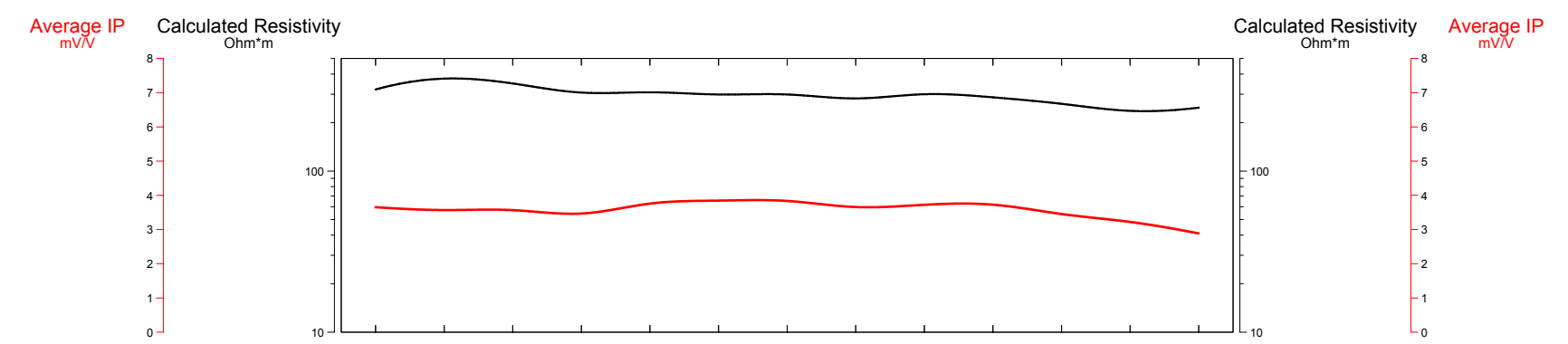
Pole-Dipole Array



Instruments: GDD 3.6 kW Tx, IRIS Elrec 6 Rx

Frequency: 0.125 Hz.  
Operators: J.C., J.S., M.W.

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



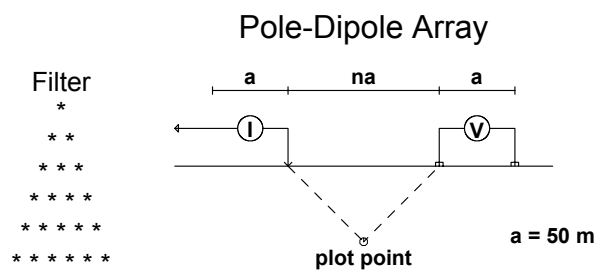
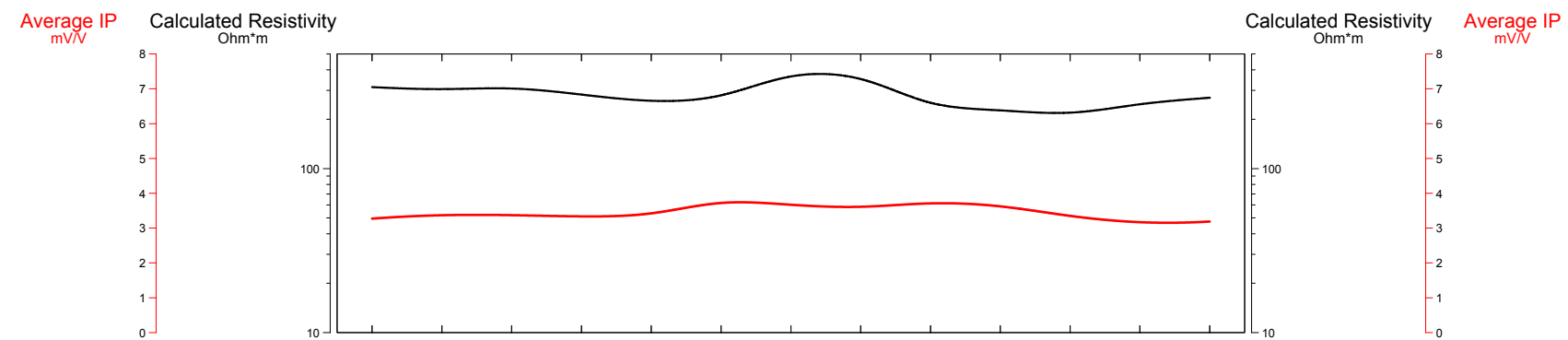
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Date: NOVEMBER 2007  
Interpretation:

PETER E. WALCOTT & ASSOCIATES LIMITED

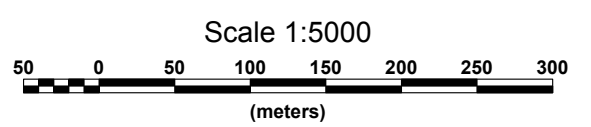
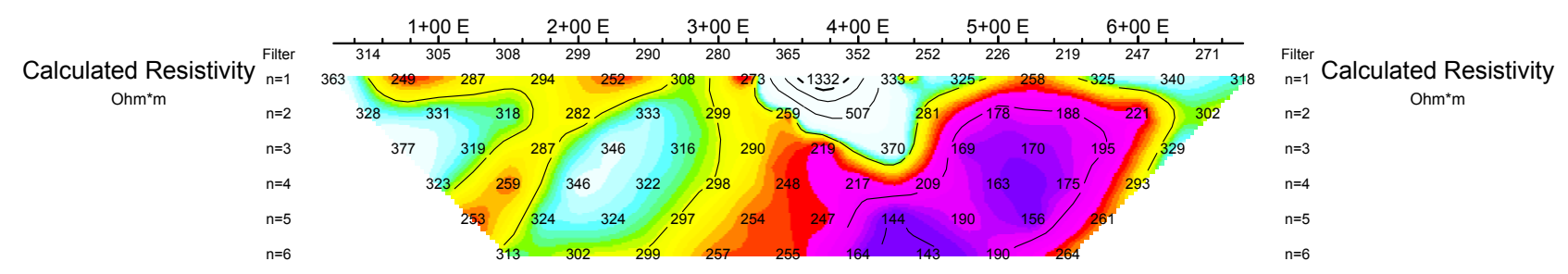
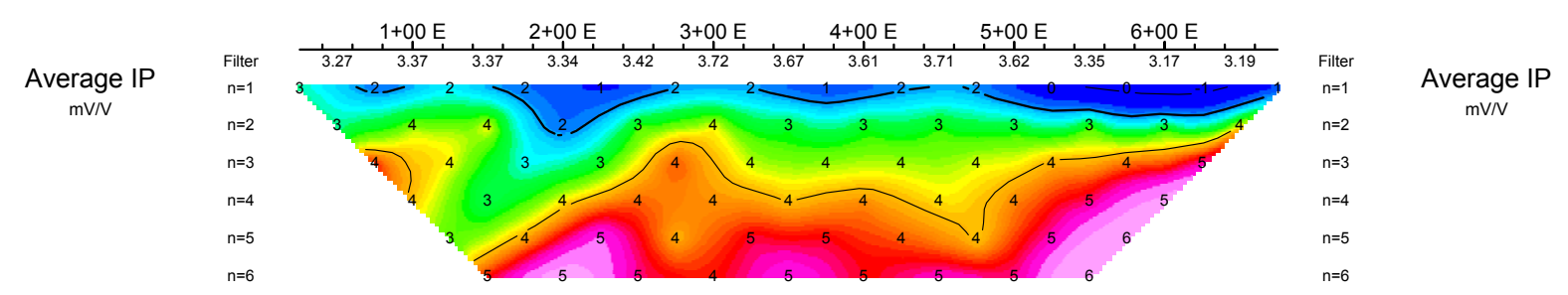
15+00 S



Instruments: GDD 3.6 kW Tx, IRIS Elrec 6 Rx

Frequency: 0.125 Hz.  
Operators: J.C., J.S., M.W.

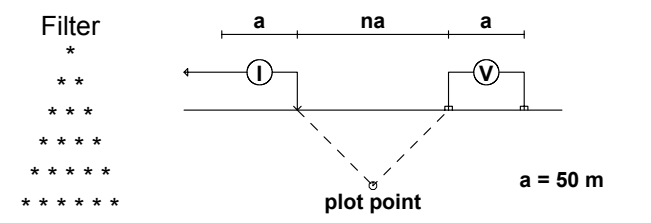
Logarithmic  
Contours: 1.5, 2, 3, 5, 7.5, 10,...



WORTHING MINERALS.  
INDUCED POLARIZATION SURVEY  
LOST LODE PROJECT  
Date: NOVEMBER 2007  
Interpretation:  
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14+00 S

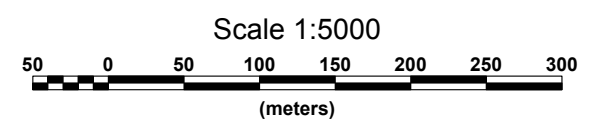
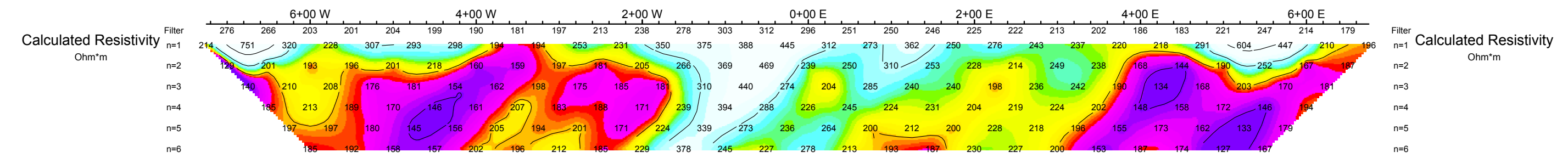
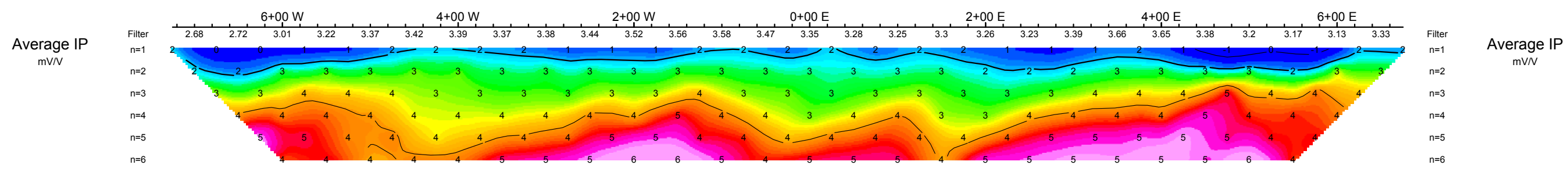
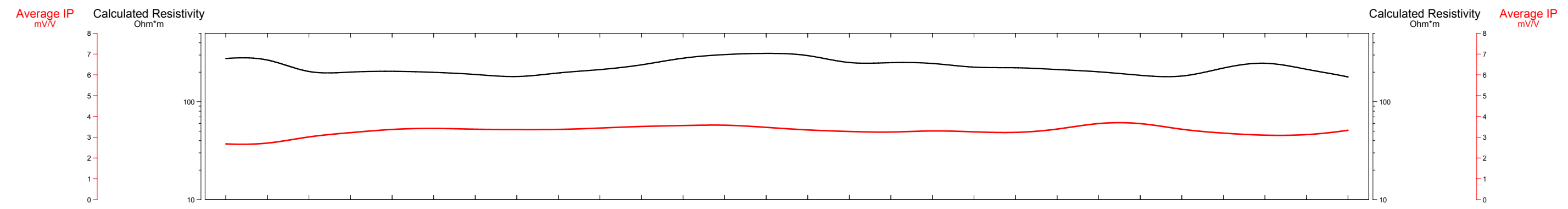
Pole-Dipole Array



Instruments: GDD 3.6 kW Tx, IRIS Elrec 6 Rx

Frequency: 0.125 Hz.  
Operators: J.C., J.S., M.W.

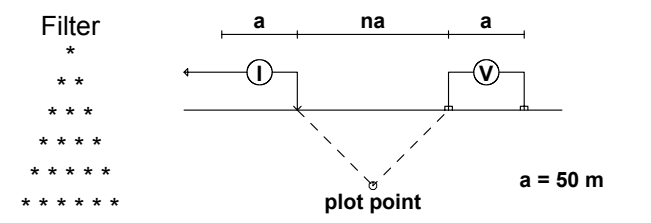
Logarithmic Contours  
1.5, 2, 3, 5, 7.5, 10,...



**WORTHING MINERALS.**  
**INDUCED POLARIZATION SURVEY**  
**LOST LODE PROJECT**  
 Date: NOVEMBER 2007  
 Interpretation:  
**PETER E. WALCOTT & ASSOCIATES LIMITED**

12+50 S

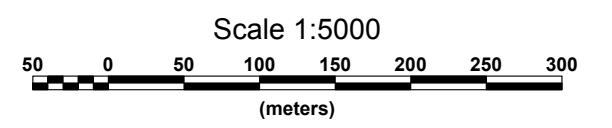
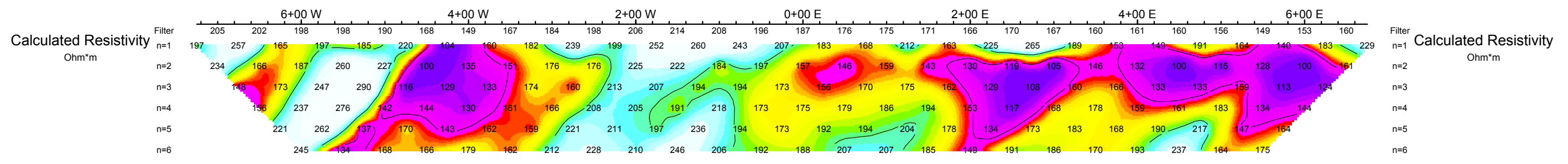
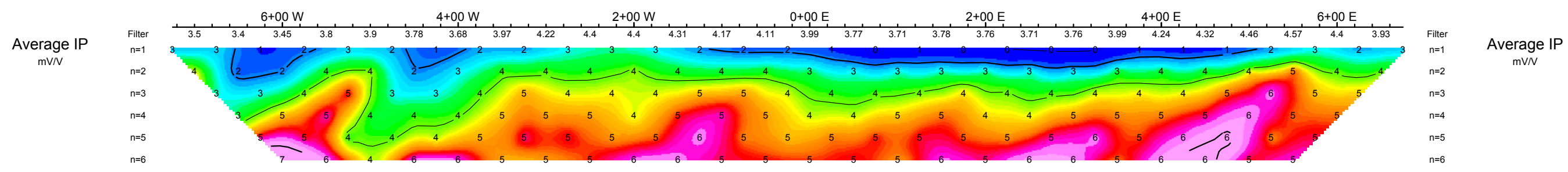
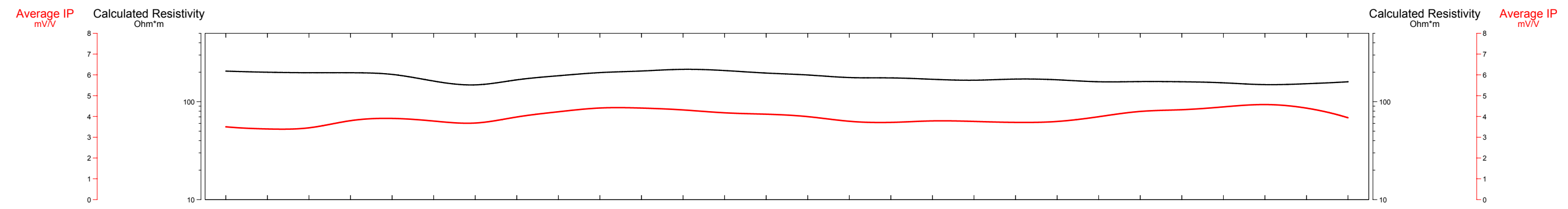
Pole-Dipole Array



Instruments: GDD 3.6 kW Tx, IRIS Elrec 6 Rx

Frequency: 0.125 Hz.  
Operators: J.C., J.S., M.W.

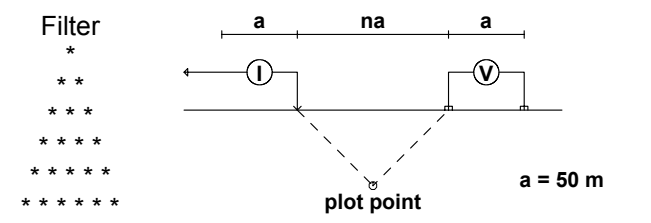
Logarithmic Contours  
1.5, 2, 3, 5, 7.5, 10,...



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**INDUCED POLARIZATION SURVEY**  
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11+00 S

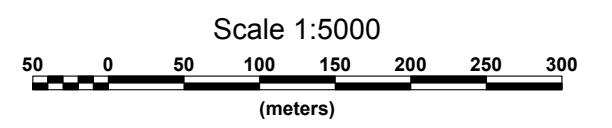
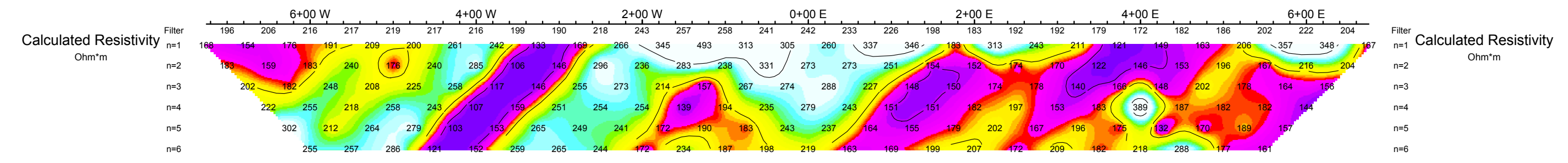
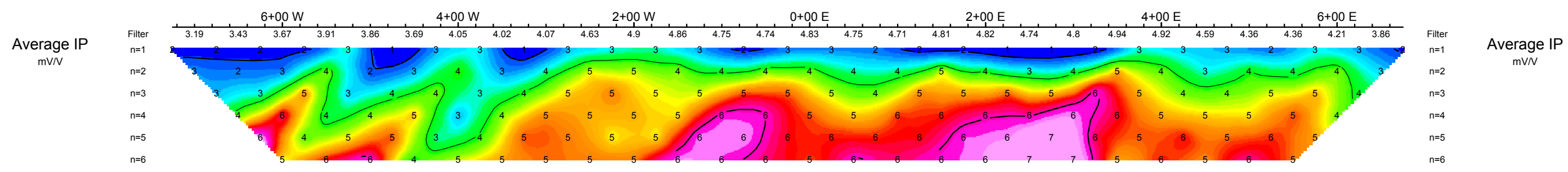
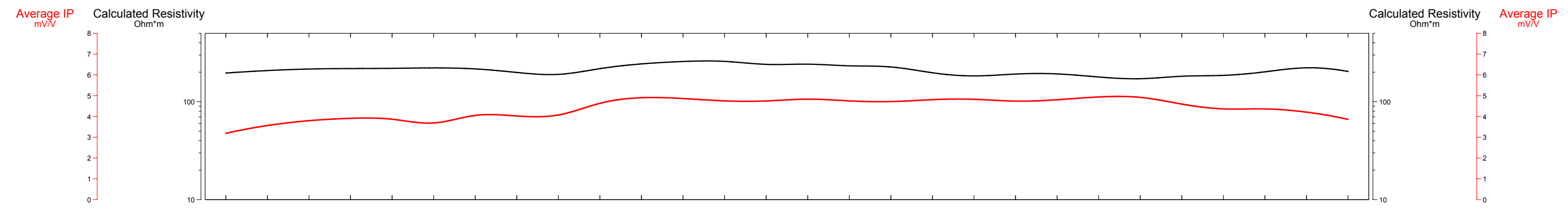
Pole-Dipole Array



Instruments: GDD 3.6 kW Tx, IRIS Elrec 6 Rx

Frequency: 0.125 Hz.  
Operators: J.C., J.S., M.W.

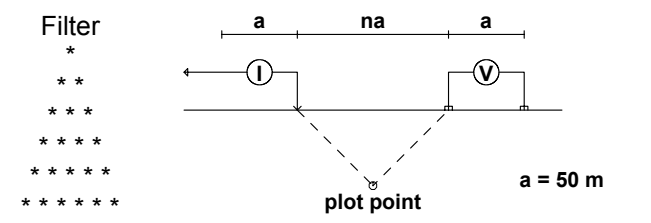
Logarithmic Contours  
1.5, 2, 3, 5, 7.5, 10,...



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Date: NOVEMBER 2007  
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10+00 S

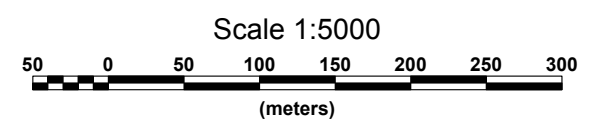
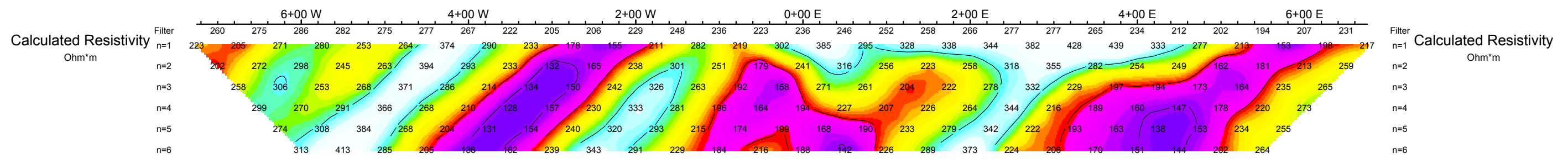
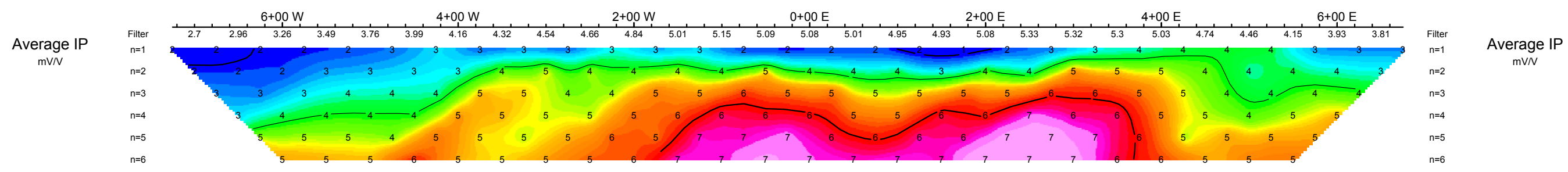
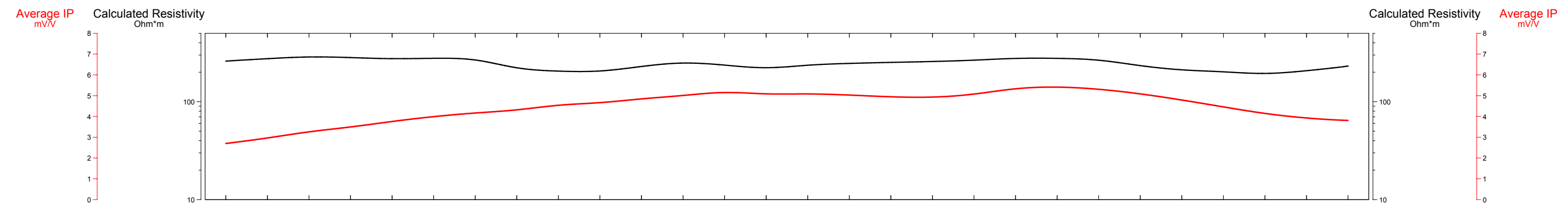
Pole-Dipole Array



Instruments: GDD 3.6 kW Tx, IRIS Elrec 6 Rx

Frequency: 0.125 Hz.  
Operators: J.C., J.S., M.W.

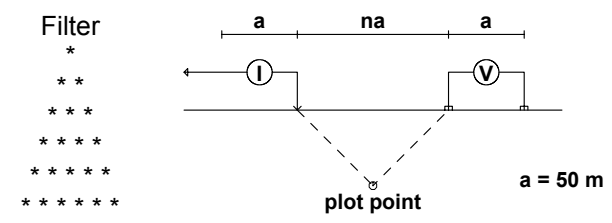
Logarithmic Contours  
1.5, 2, 3, 5, 7.5, 10,...



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9+00 S

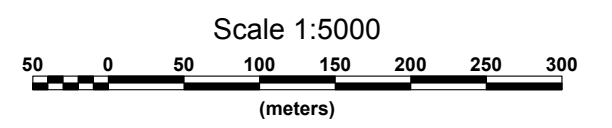
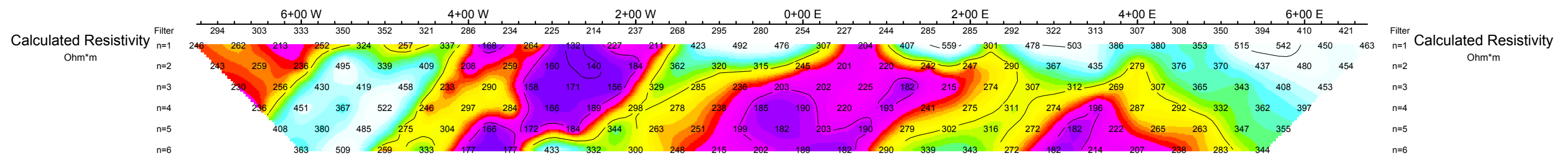
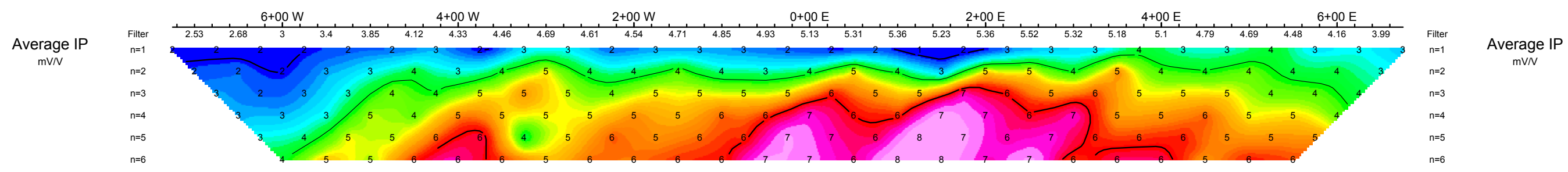
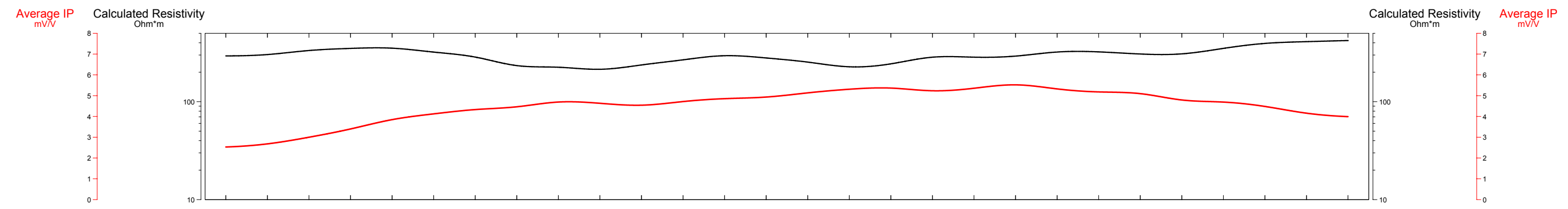
Pole-Dipole Array



Instruments: GDD 3.6 kW Tx, IRIS Elrec 6 Rx

Frequency: 0.125 Hz.  
Operators: J.C., J.S., M.W.

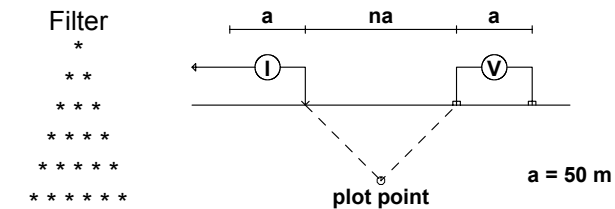
Logarithmic Contours  
1.5, 2, 3, 5, 7.5, 10,...



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**INDUCED POLARIZATION SURVEY**  
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 Date: NOVEMBER 2007  
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**PETER E. WALCOTT & ASSOCIATES LIMITED**

8+00 S

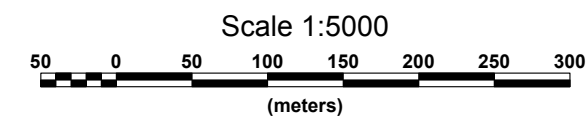
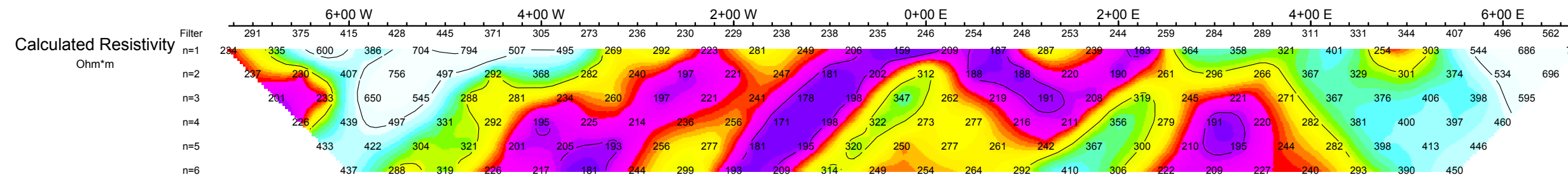
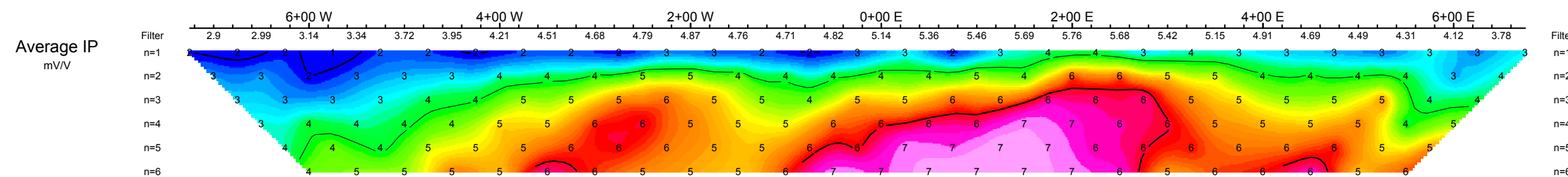
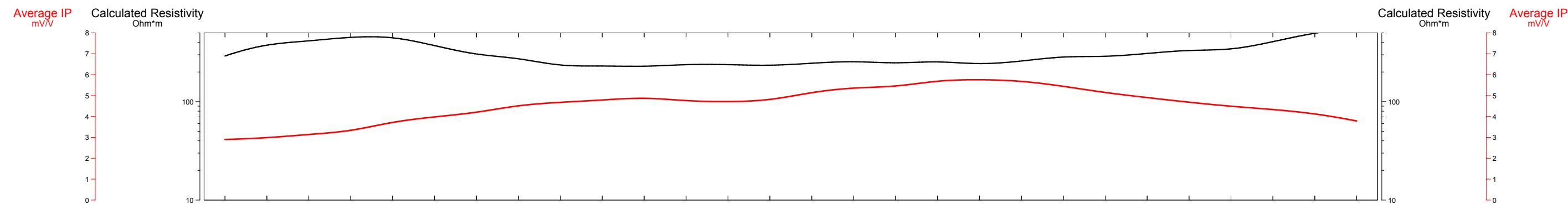
Pole-Dipole Array



Instruments: GDD 3.6 kW Tx, IRIS Elrec 6 Rx

Frequency: 0.125 Hz.  
Operators: J.C., J.S., M.W.

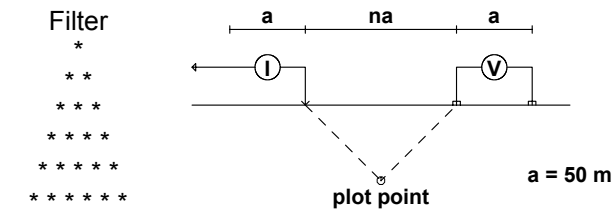
Logarithmic Contours  
1.5, 2, 3, 5, 7.5, 10,...



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INDUCED POLARIZATION SURVEY  
LOST LODE PROJECT  
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7+00 S

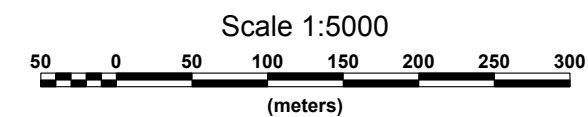
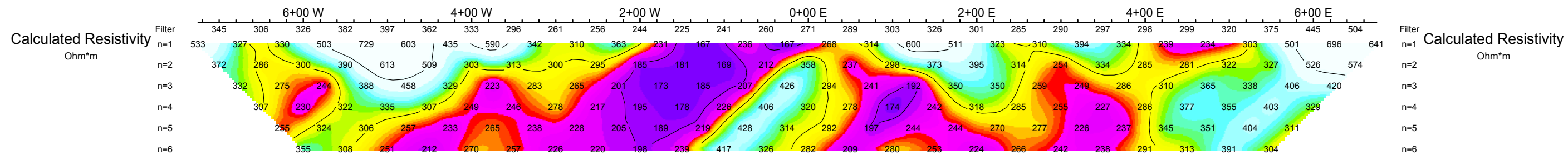
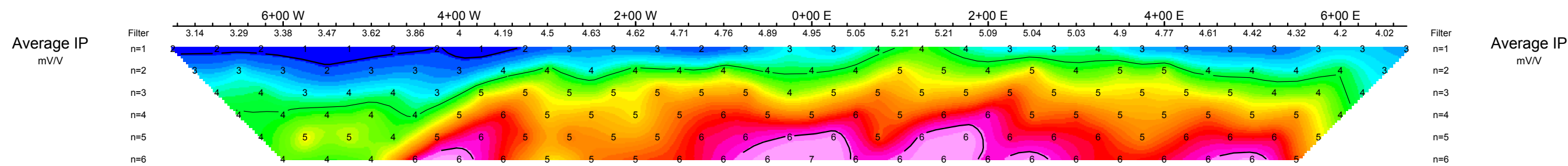
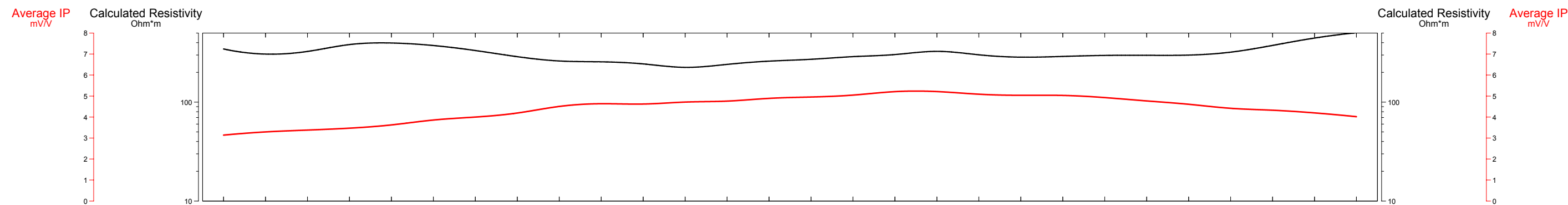
Pole-Dipole Array



Instruments: GDD 3.6 kW Tx, IRIS Elrec 6 Rx

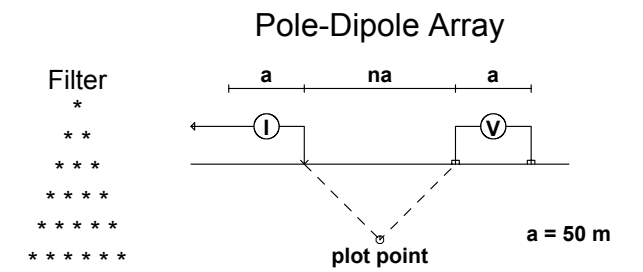
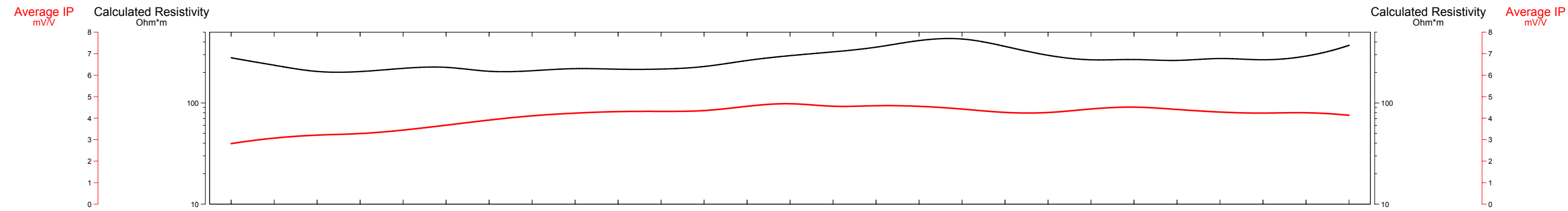
Frequency: 0.125 Hz.  
Operators: J.C., J.S., M.W.

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



WORTHING MINERALS.  
INDUCED POLARIZATION SURVEY  
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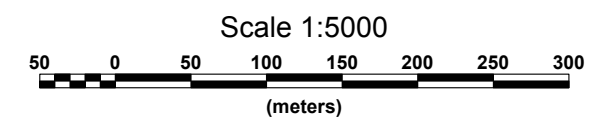
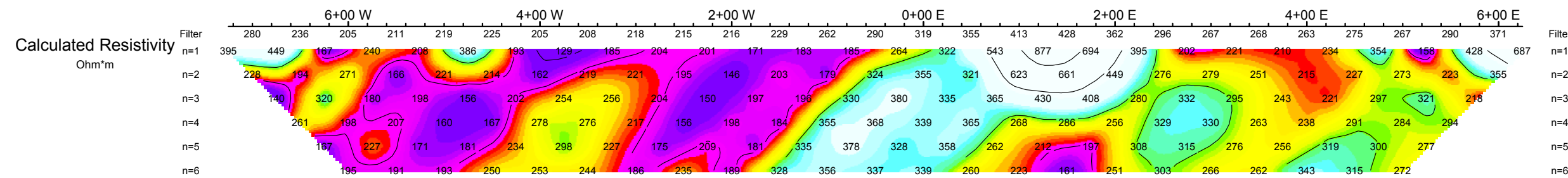
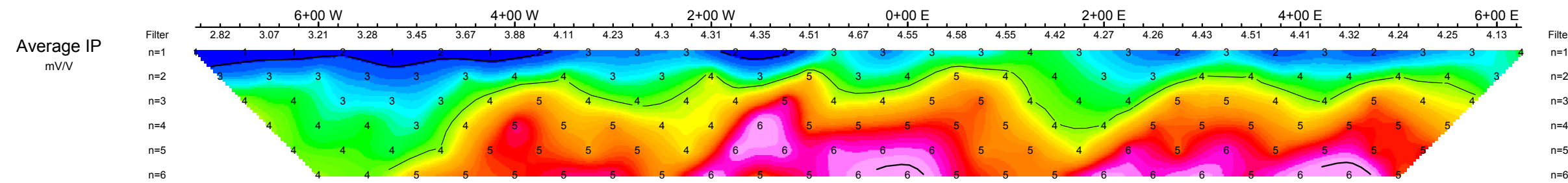
6+00 S



Instruments: GDD 3.6 kW Tx, IRIS Elrec 6 Rx

Frequency: 0.125 Hz.  
Operators: J.C., J.S., M.W.

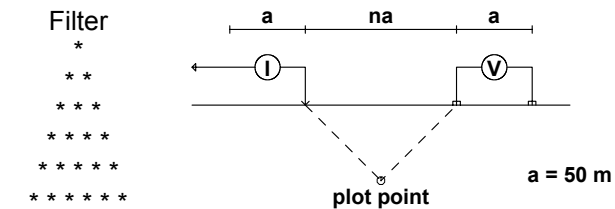
Logarithmic  
Contours: 1.5, 2, 3, 5, 7.5, 10,...



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LOST LODE PROJECT  
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5+00 S

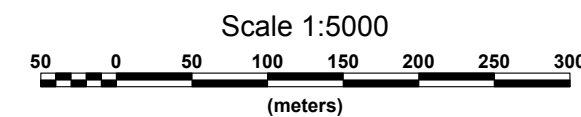
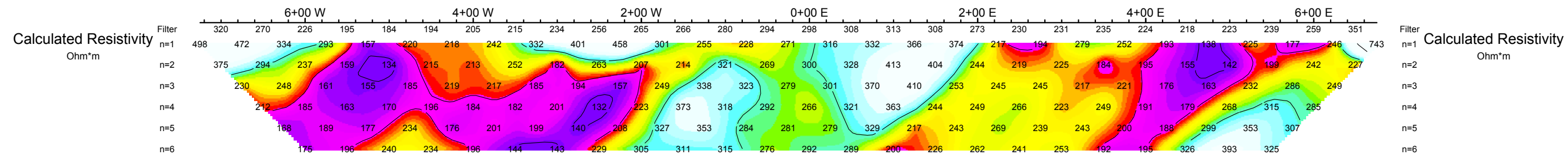
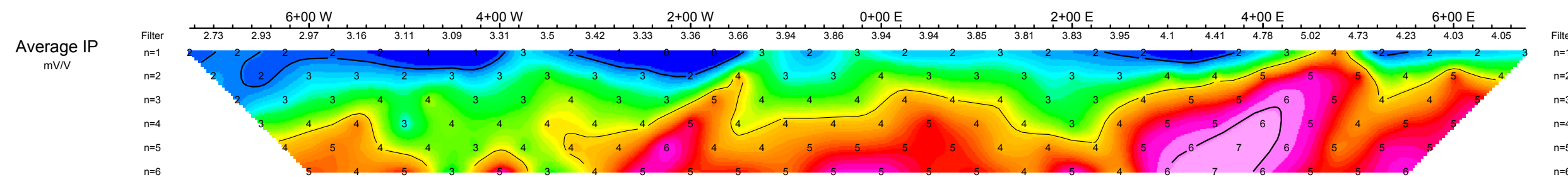
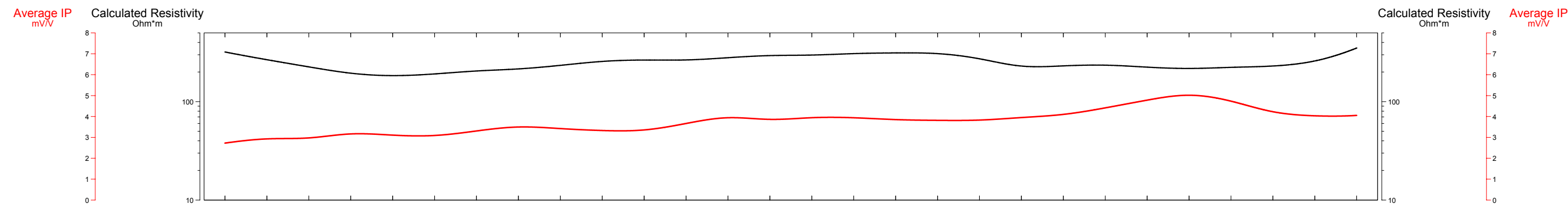
Pole-Dipole Array



Instruments: GDD 3.6 kW Tx, IRIS Elrec 6 Rx

Frequency: 0.125 Hz.  
Operators: J.C., J.S., M.W.

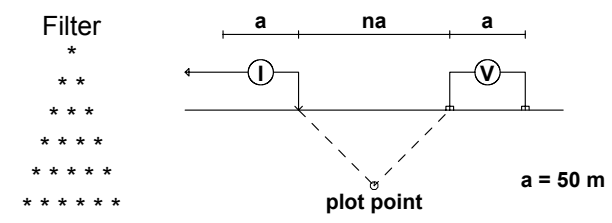
Logarithmic Contours  
1.5, 2, 3, 5, 7.5, 10,...



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4+00 S

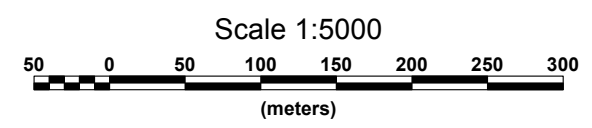
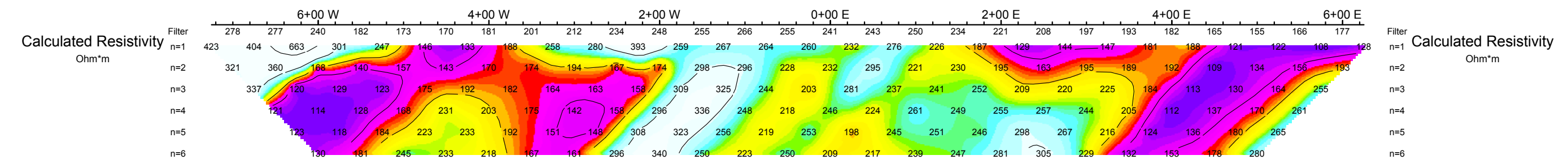
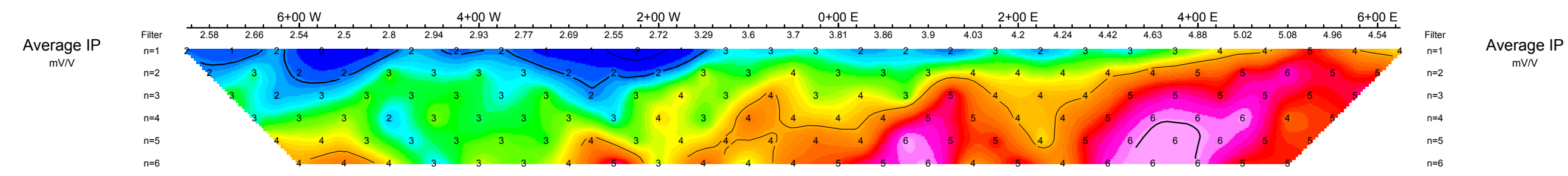
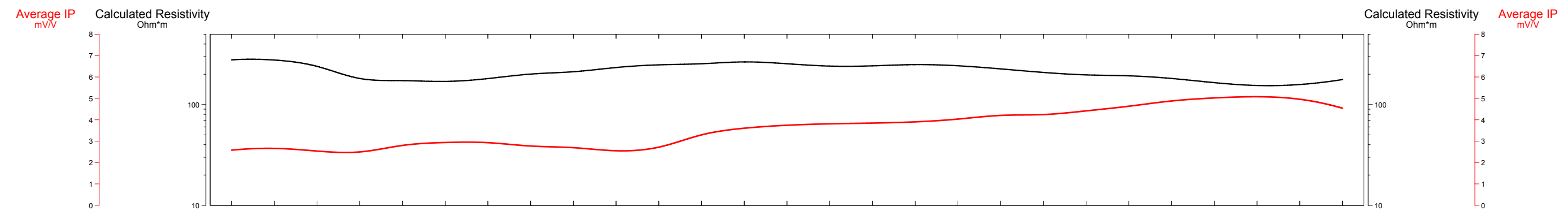
Pole-Dipole Array



Instruments: GDD 3.6 kW Tx, IRIS Elrec 6 Rx

Frequency: 0.125 Hz.  
Operators: J.C., J.S., M.W.

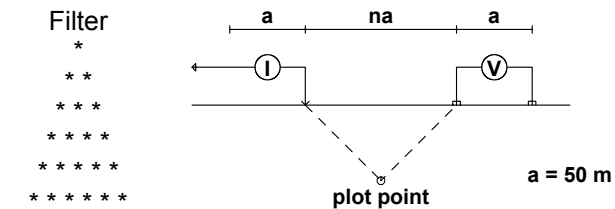
Logarithmic Contours  
1.5, 2, 3, 5, 7.5, 10,...



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3+00 S

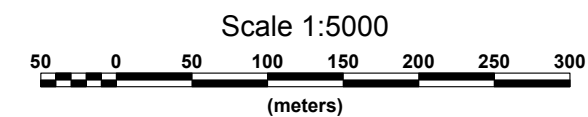
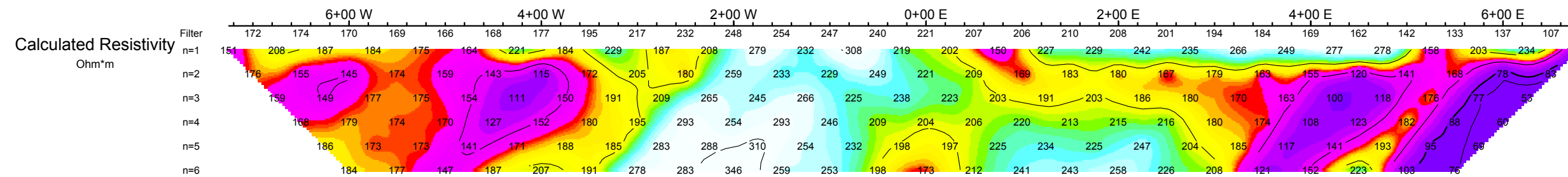
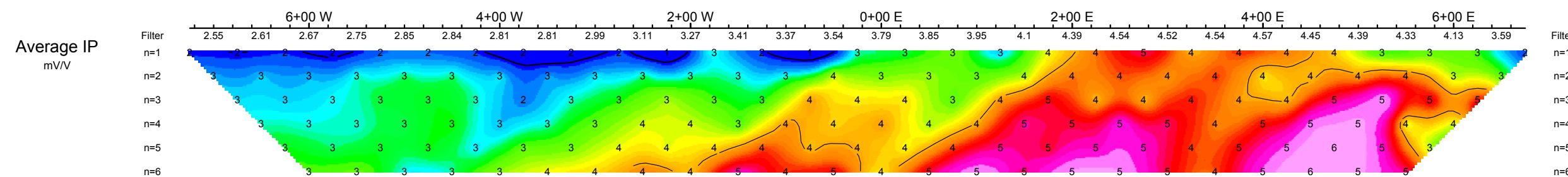
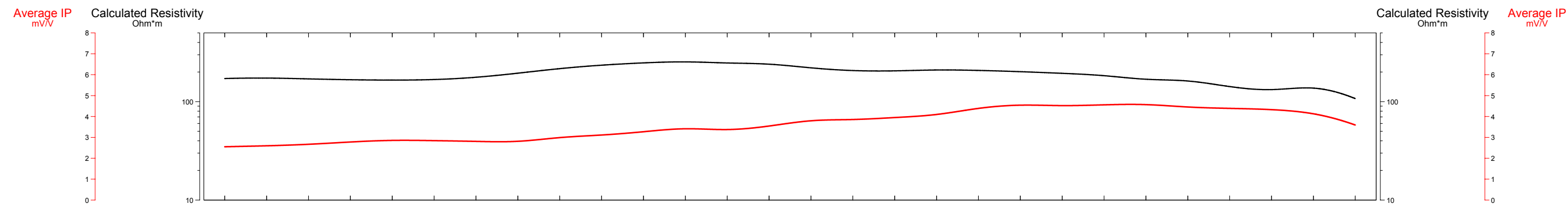
Pole-Dipole Array



Instruments: GDD 3.6 kW Tx, IRIS Elrec 6 Rx

Frequency: 0.125 Hz.  
Operators: J.C., J.S., M.W.

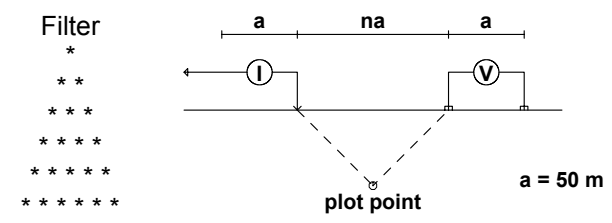
Logarithmic  
Contours: 1.5, 2, 3, 5, 7.5, 10,...



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2+00 S

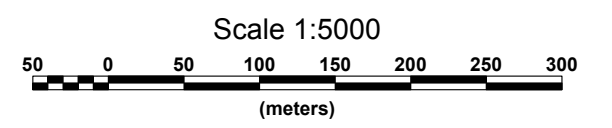
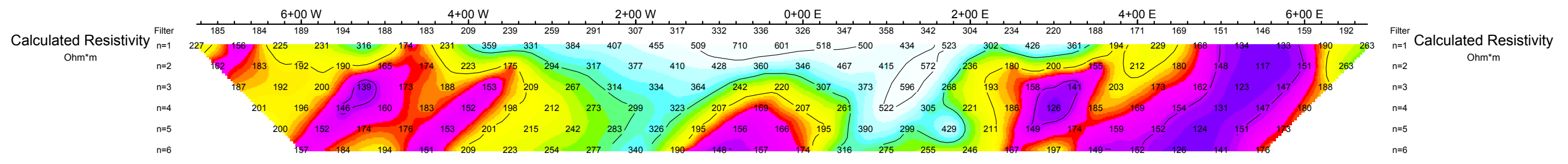
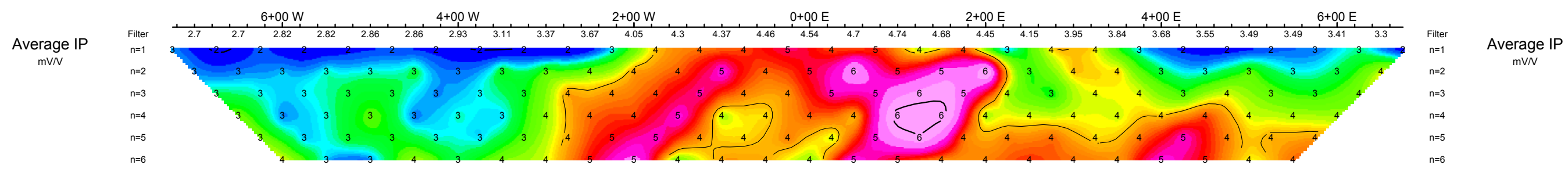
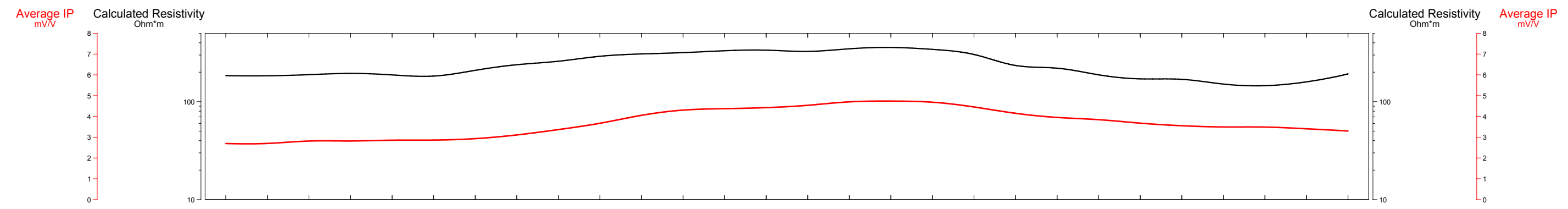
Pole-Dipole Array



Instruments: GDD 3.6 kW Tx, IRIS Elrec 6 Rx

Frequency: 0.125 Hz.  
Operators: J.C., J.S., M.W.

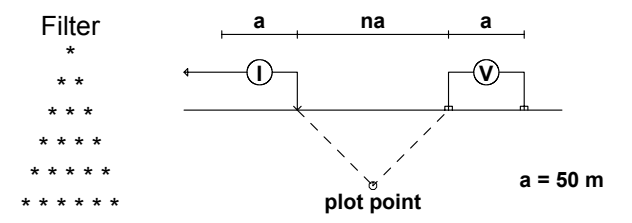
Logarithmic Contours: 1.5, 2, 3, 5, 7.5, 10,...



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 Date: NOVEMBER 2007  
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1+00 S

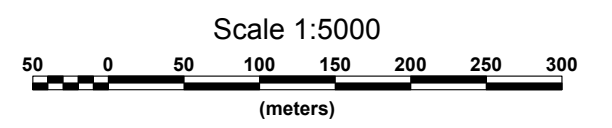
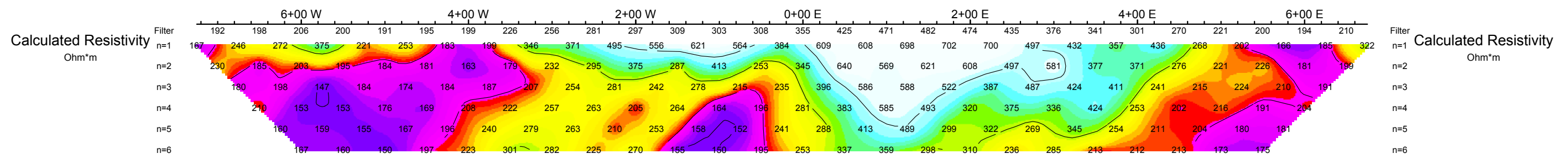
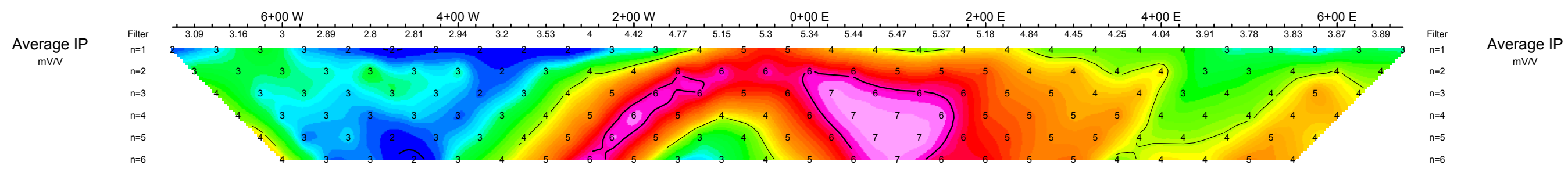
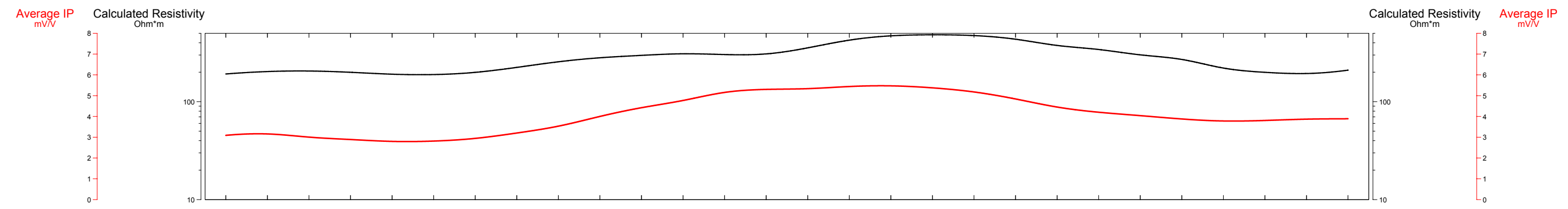
Pole-Dipole Array



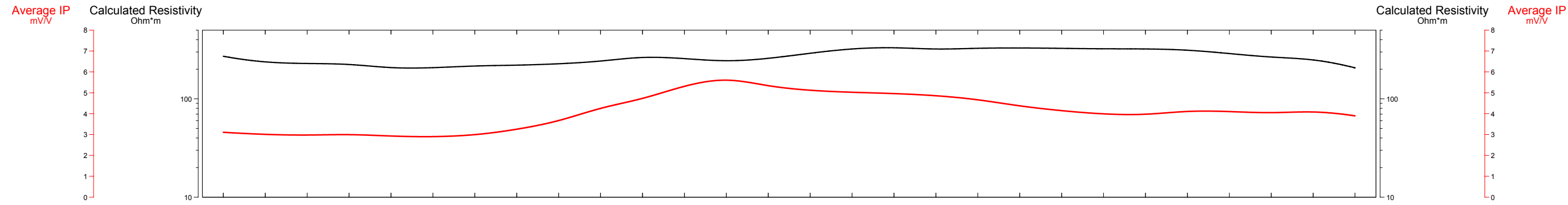
Instruments: GDD 3.6 kW Tx, IRIS Elrec 6 Rx

Frequency: 0.125 Hz.  
Operators: J.C., J.S., M.W.

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

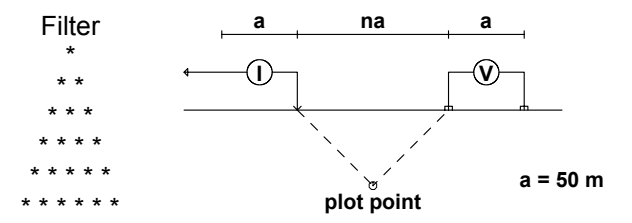


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**LOST LODE PROJECT**  
 Date: NOVEMBER 2007  
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**PETER E. WALCOTT & ASSOCIATES LIMITED**



0+00 N

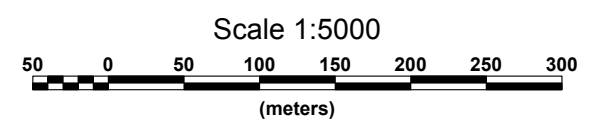
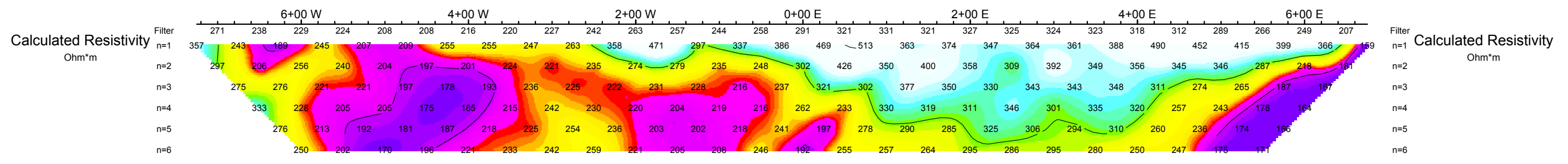
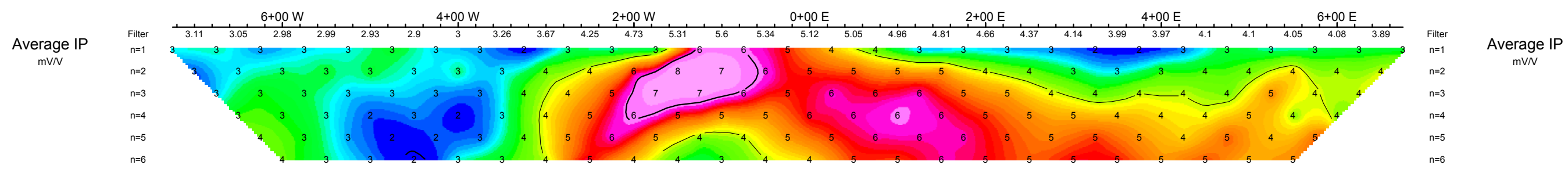
Pole-Dipole Array



Instruments: GDD 3.6 kW Tx, IRIS Elrec 6 Rx

Frequency: 0.125 Hz.  
Operators: J.C., J.S., M.W.

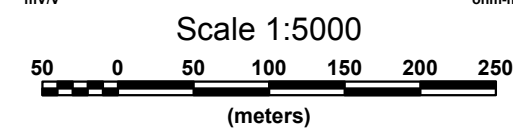
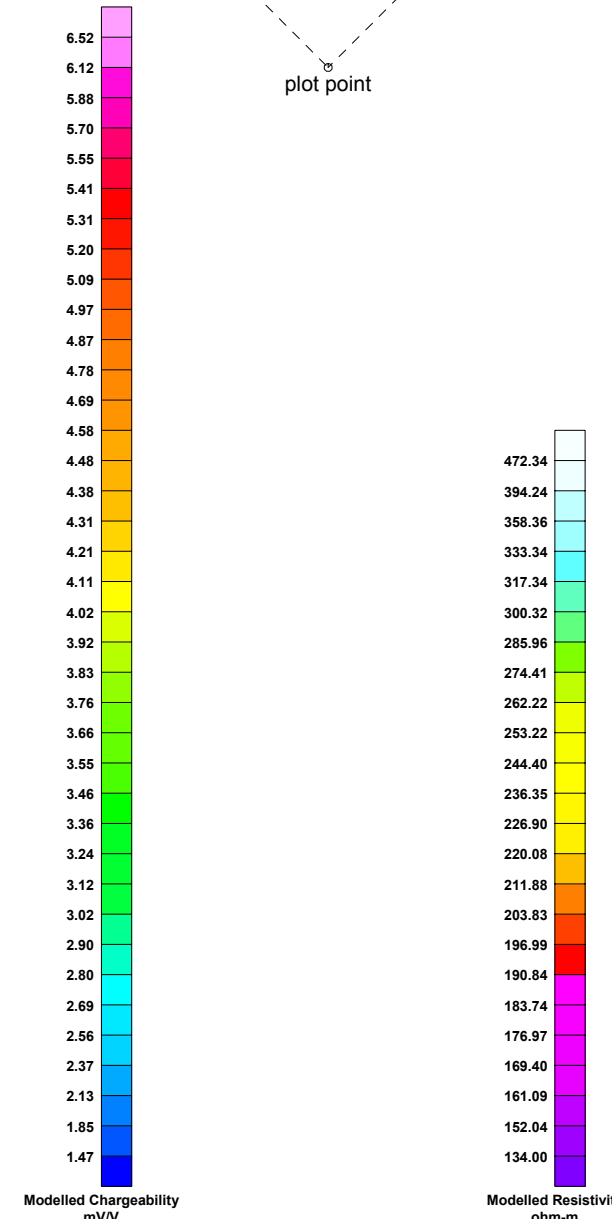
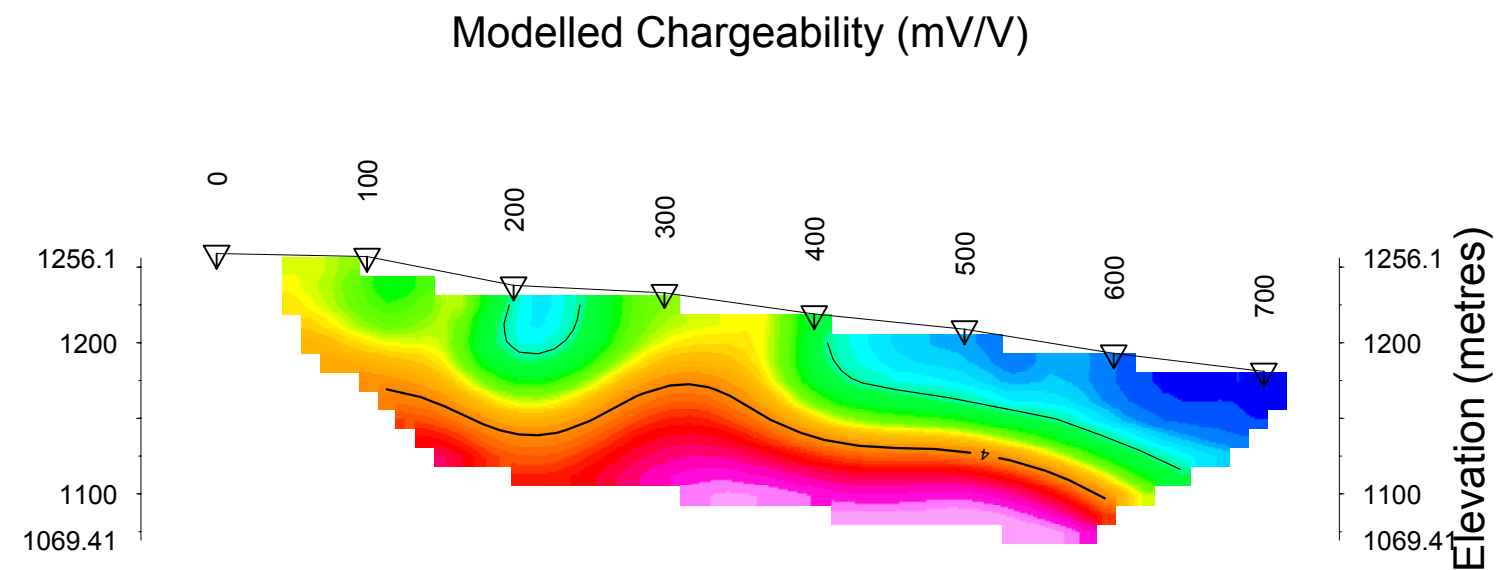
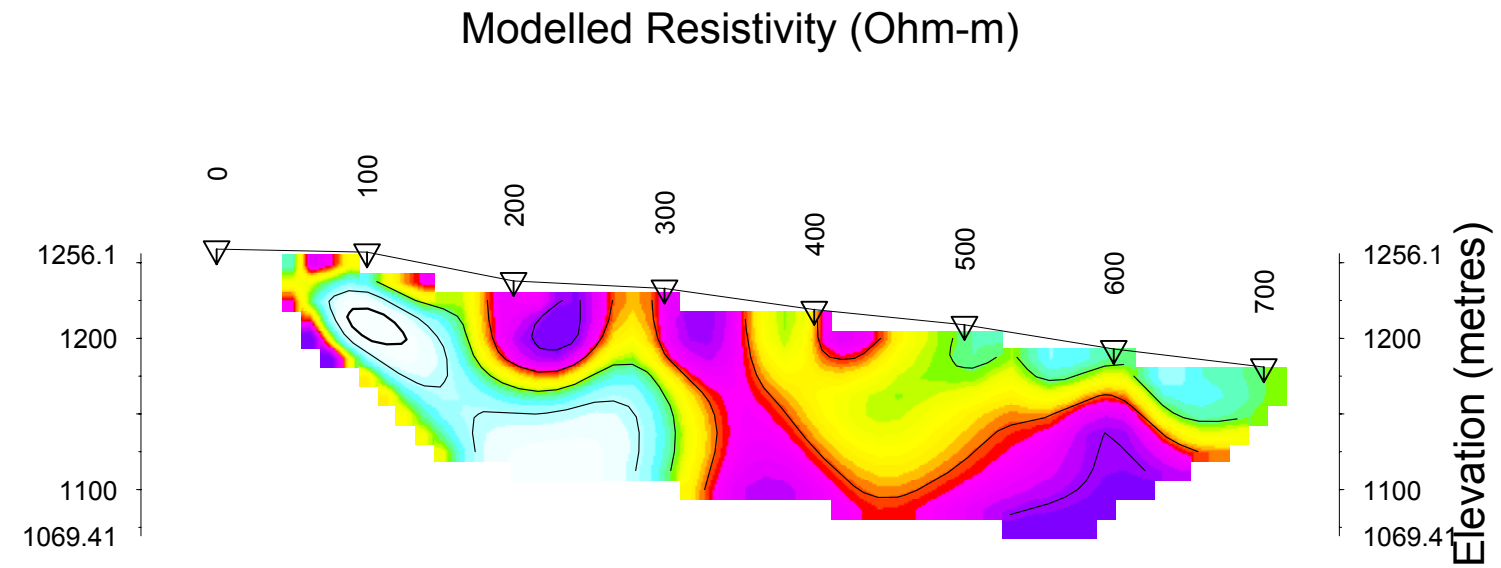
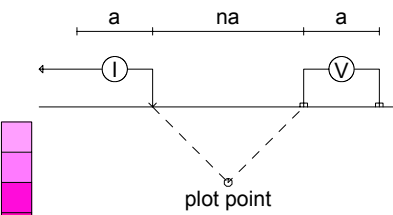
Logarithmic Contours  
1.5, 2, 3, 5, 7.5, 10,...



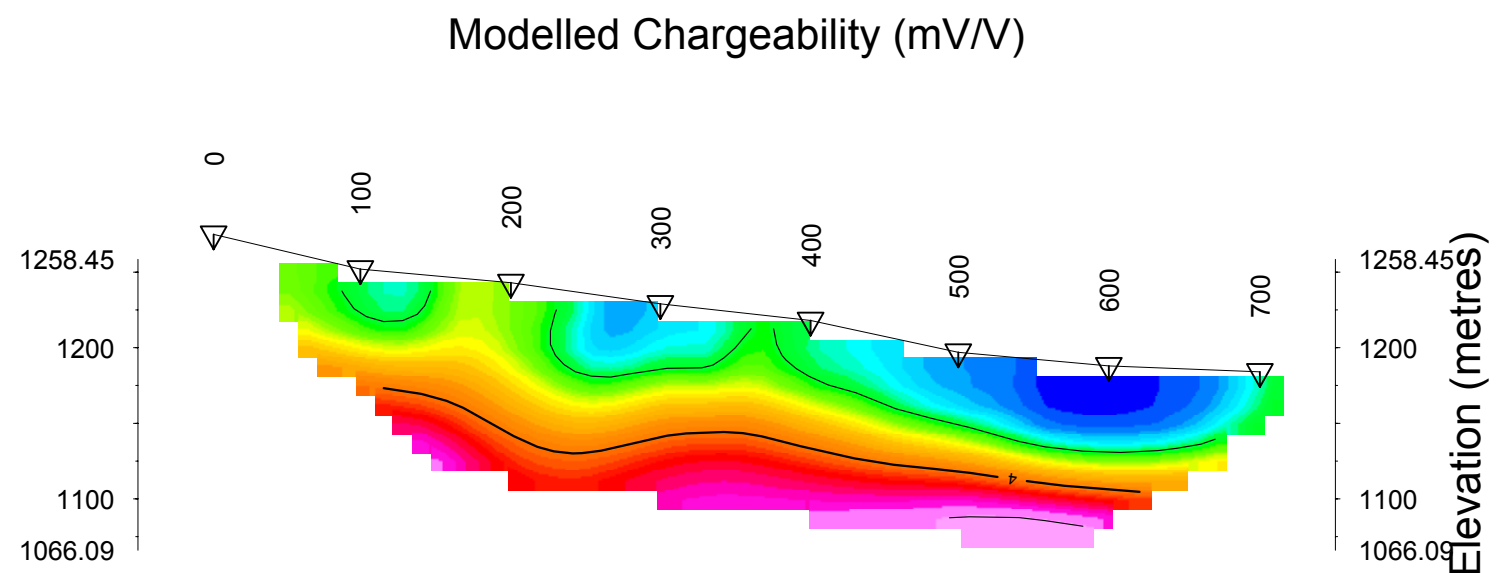
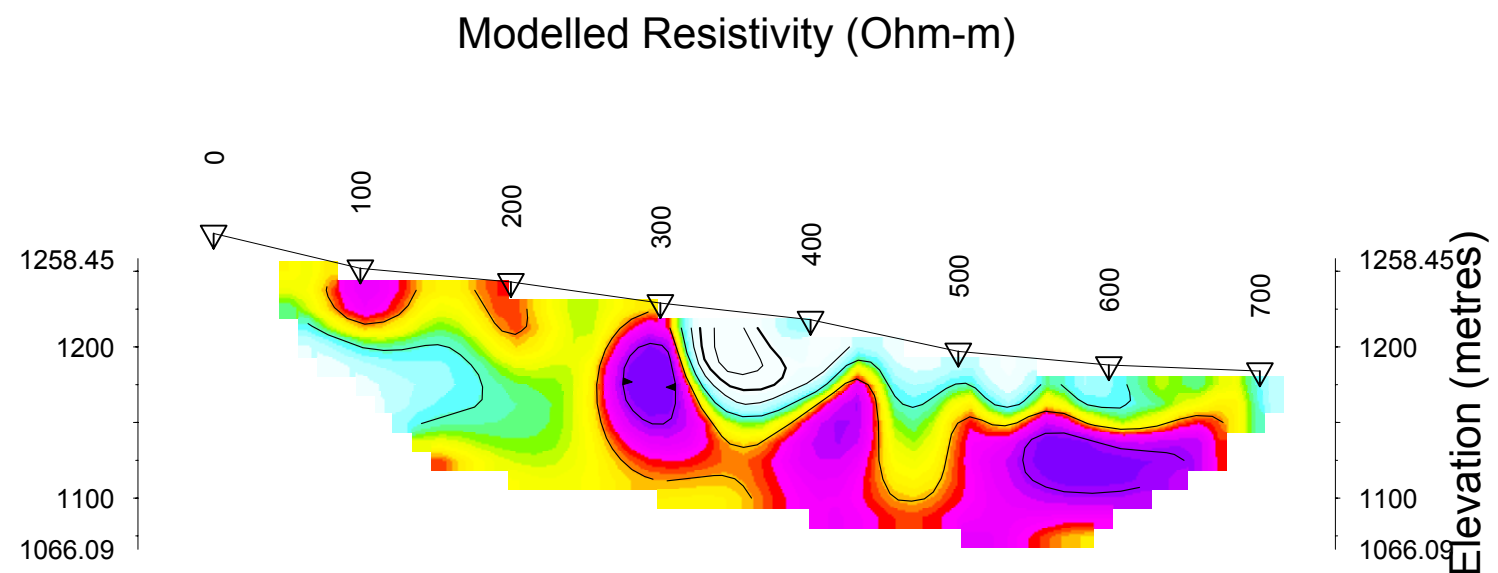
**WORTHING MINERALS.**  
**INDUCED POLARIZATION SURVEY**  
**LOST LODE PROJECT**  
 Date: NOVEMBER 2007  
 Interpretation:  
**PETER E. WALCOTT & ASSOCIATES LIMITED**

Line -1600

Pole-Dipole Array

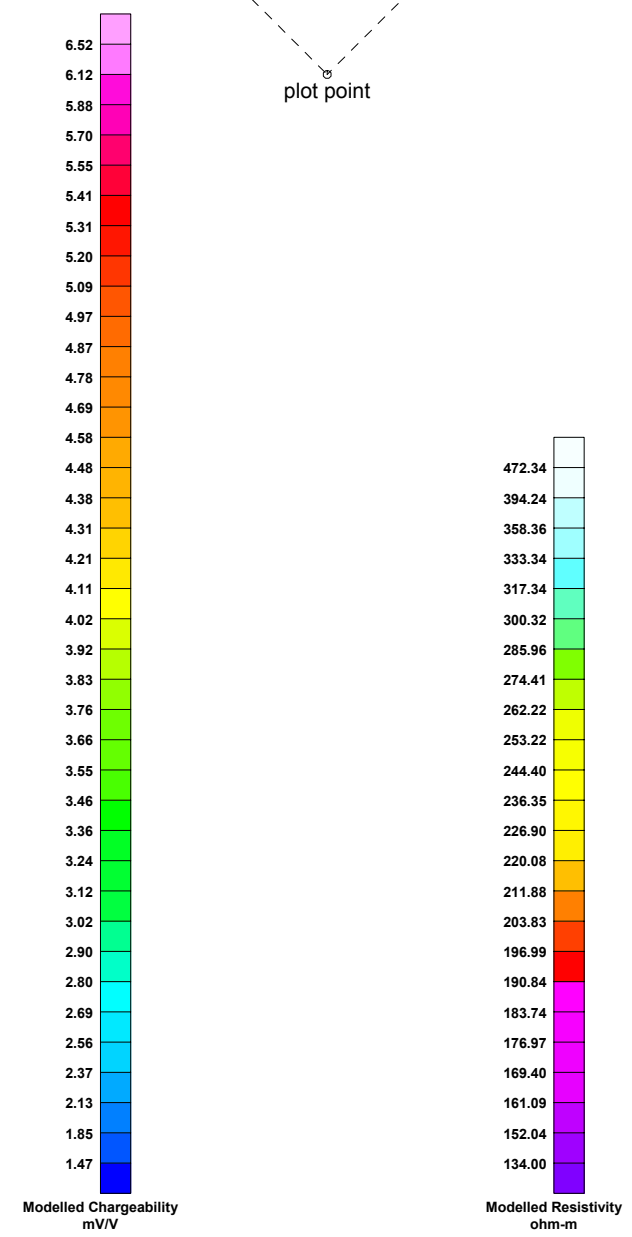
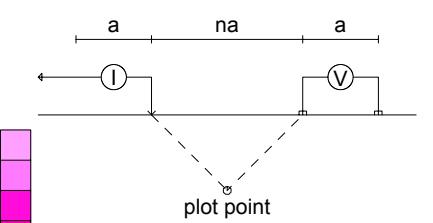


**WORTHING MINERALS.**  
 INDUCED POLARIZATION SURVEY  
 LOST LODE PROJECT  
 WHITEHORSE M.D. YT  
 February 2008  
 RES2DINV  
 Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED

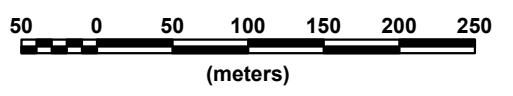


Line -1500

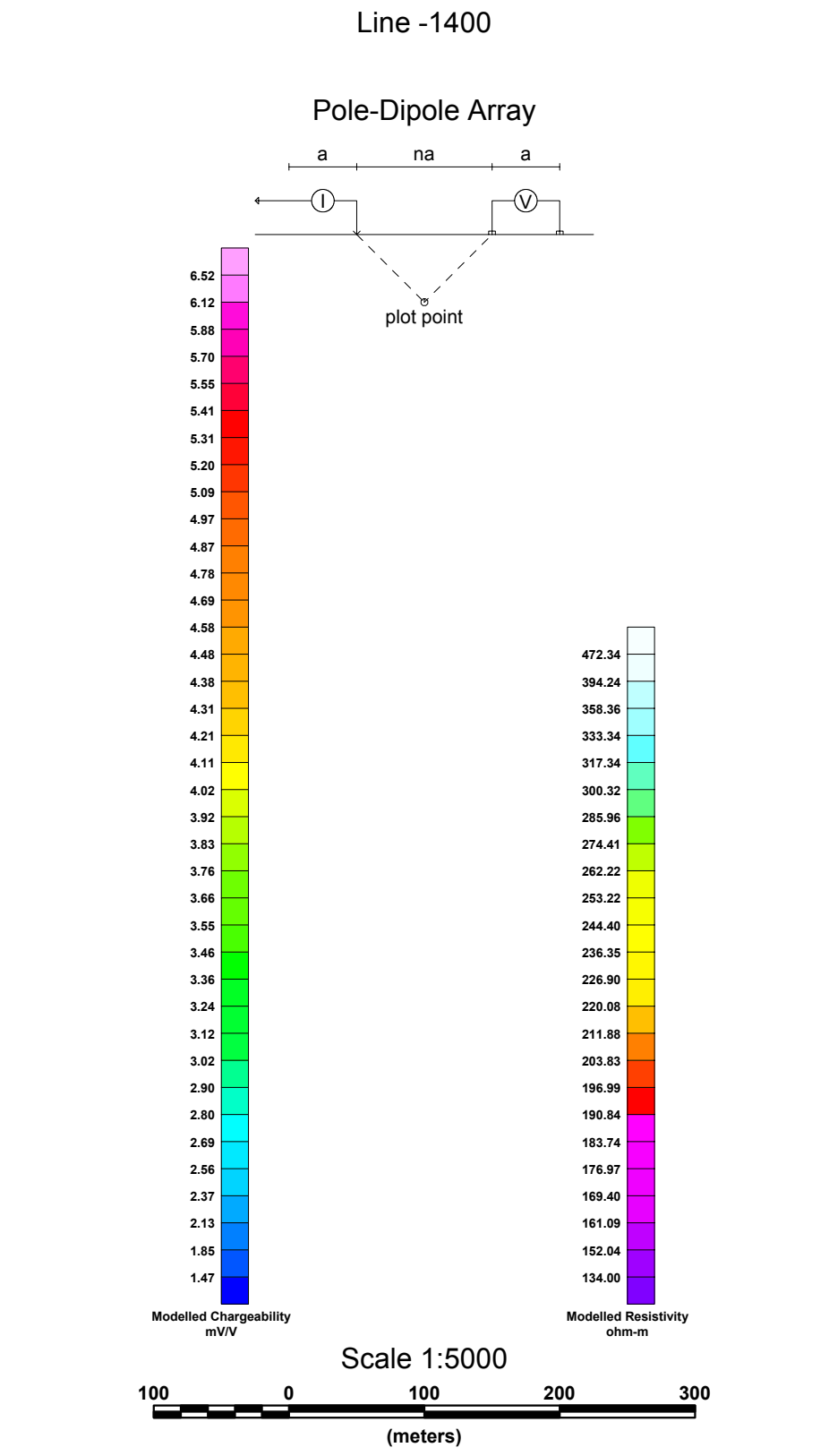
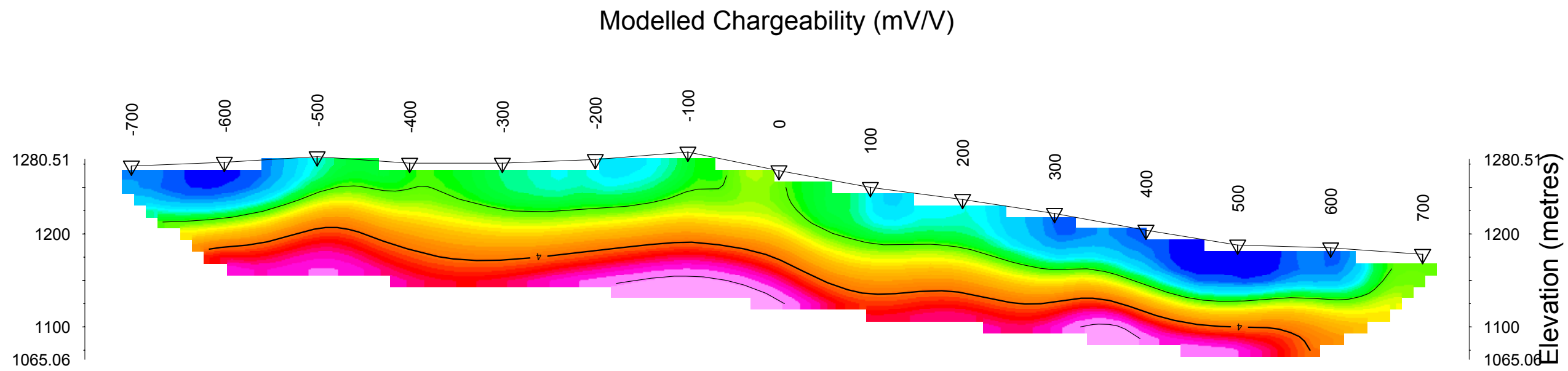
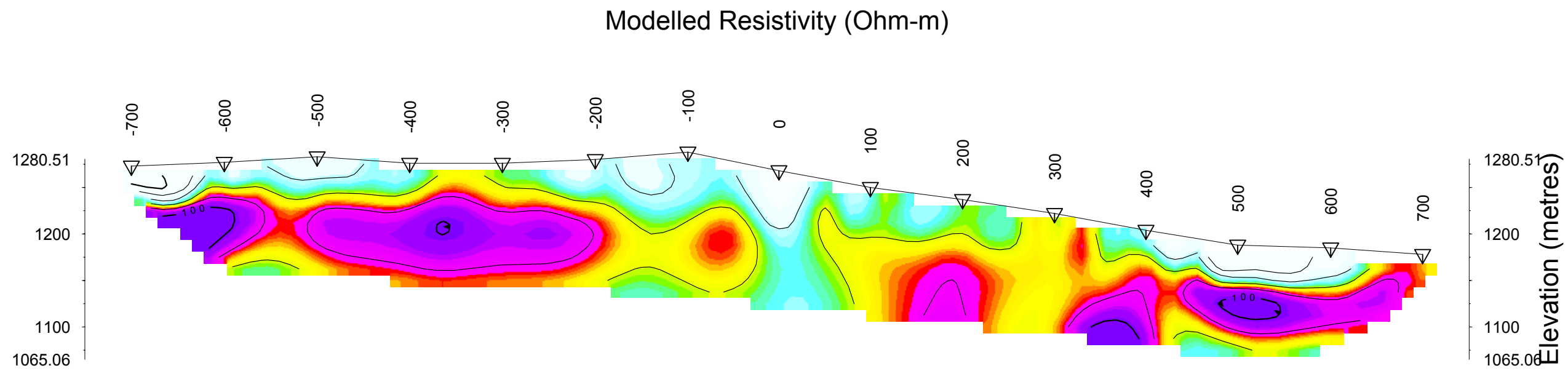
Pole-Dipole Array



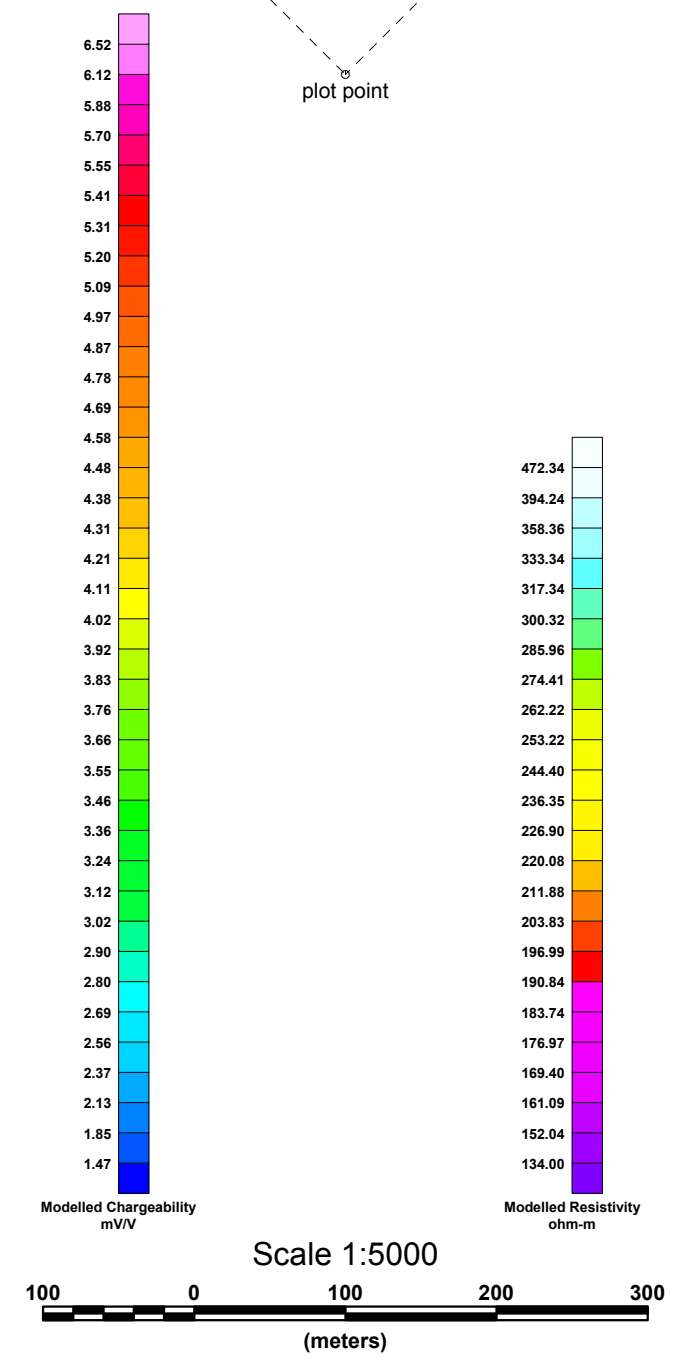
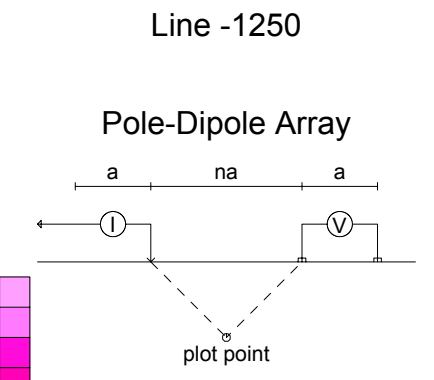
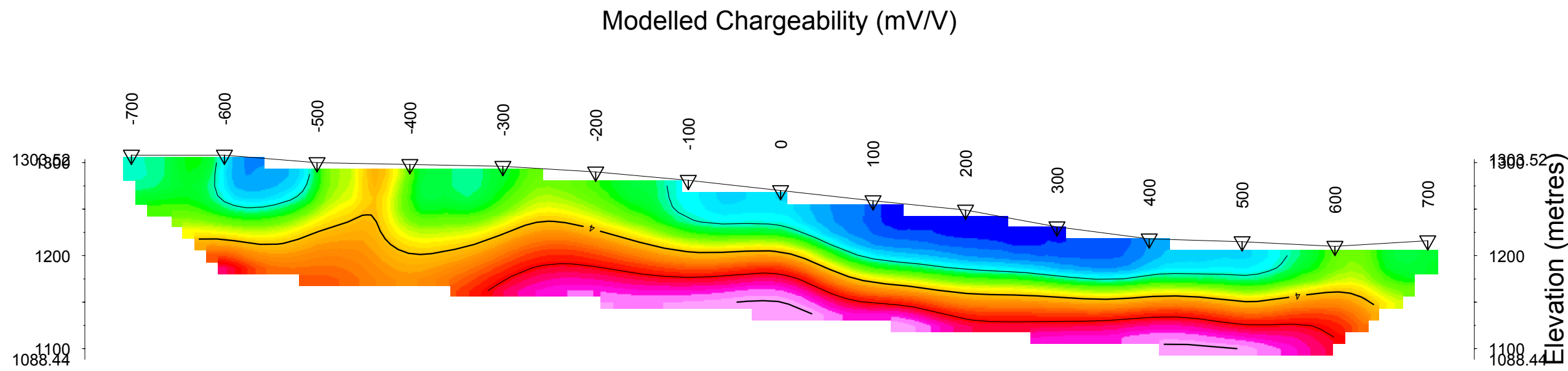
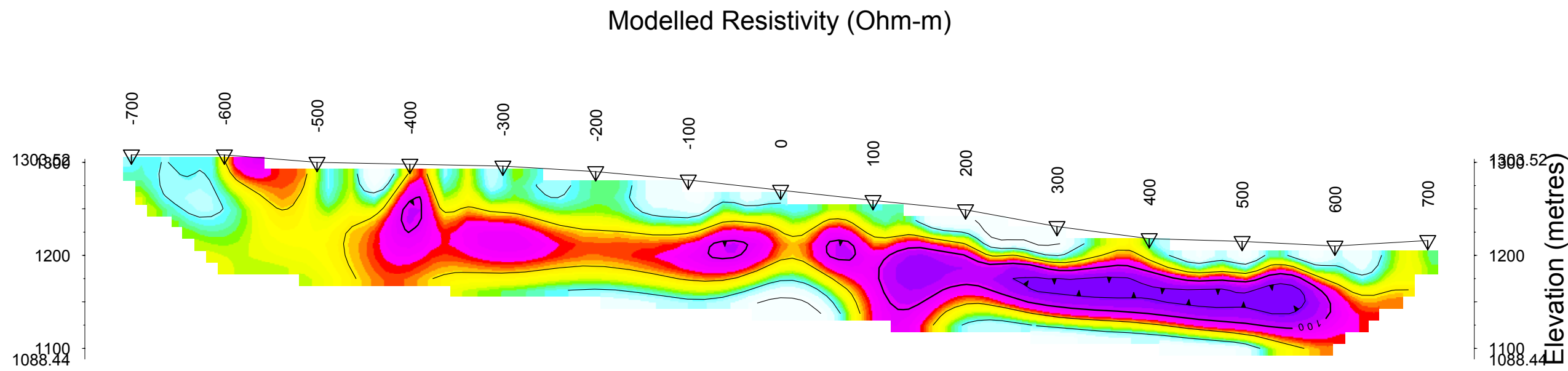
Scale 1:5000



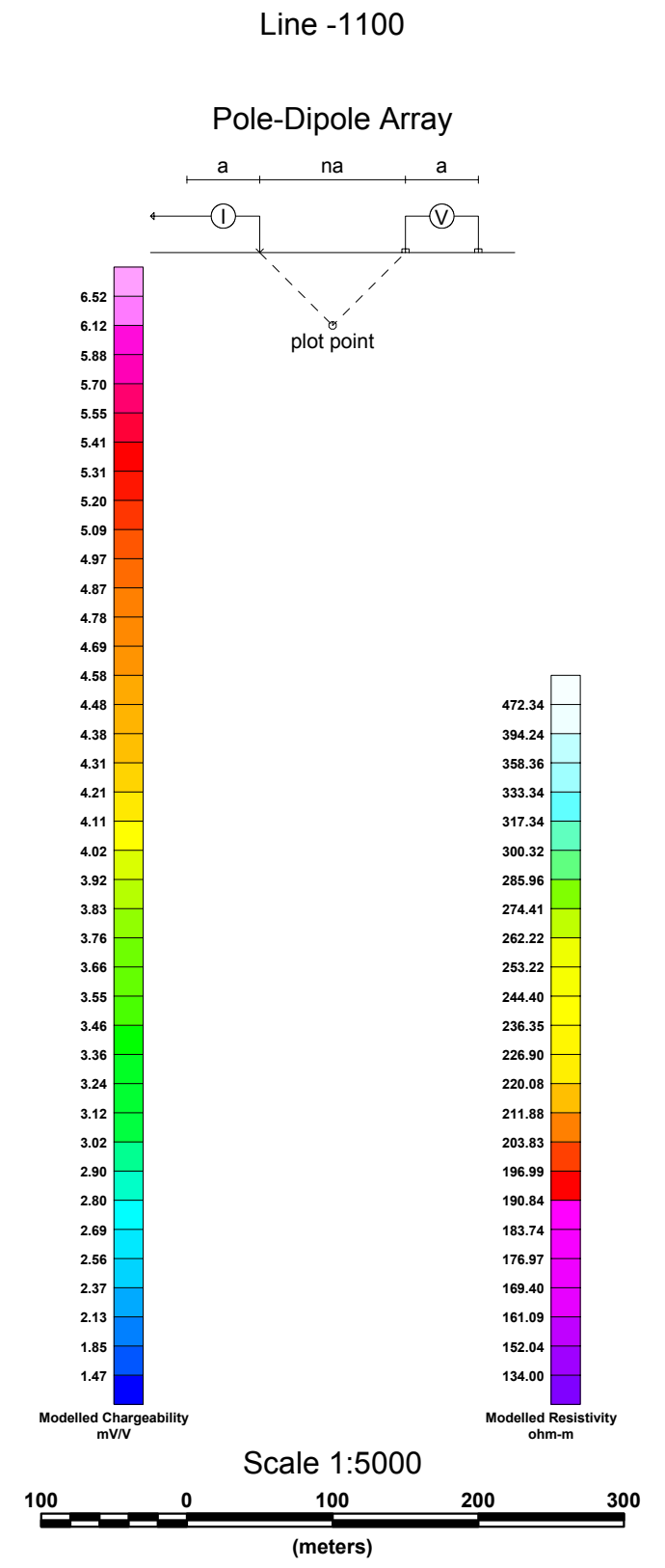
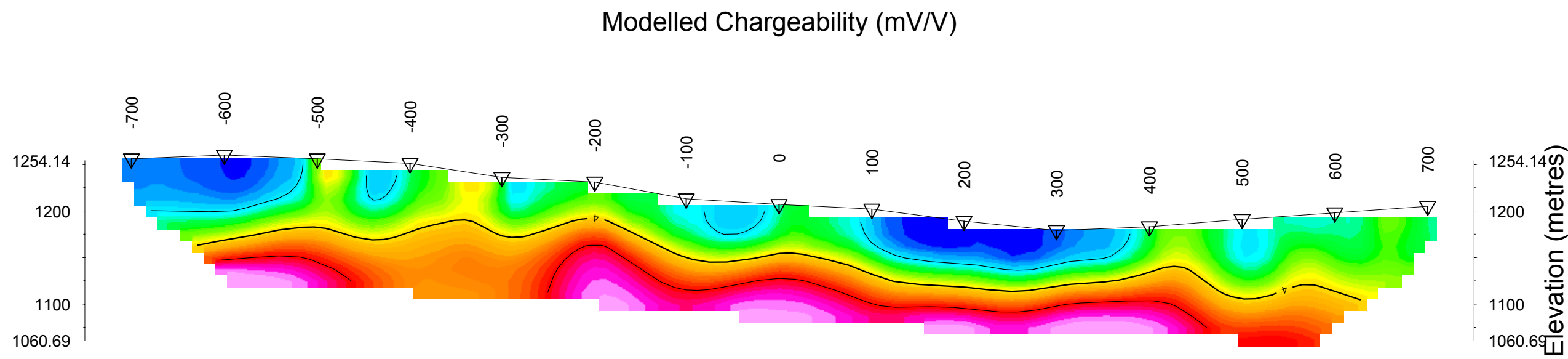
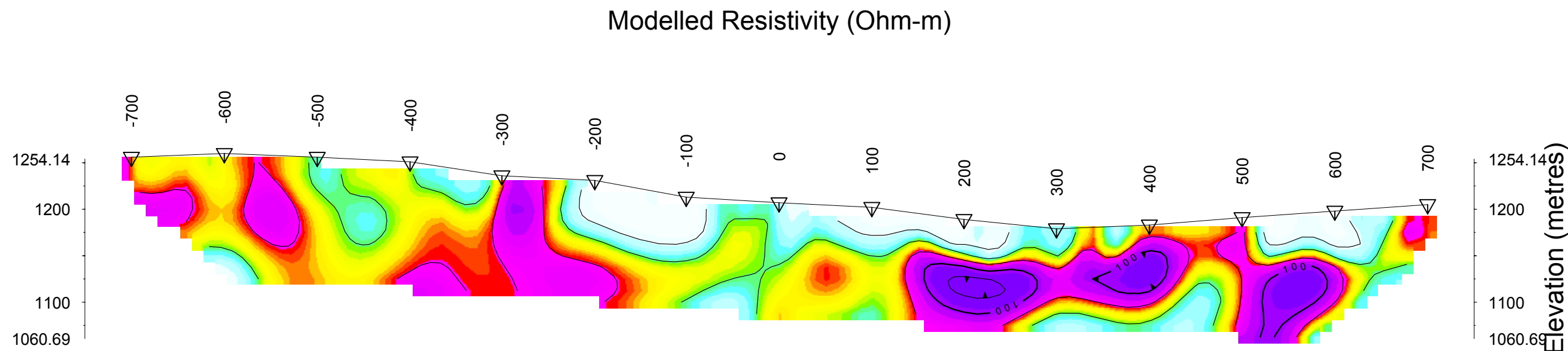
**WORTHING MINERALS.**  
 INDUCED POLARIZATION SURVEY  
 LOST LODE PROJECT  
 WHITEHORSE M.D. YT  
 February 2008  
 RES2DINV  
 Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED



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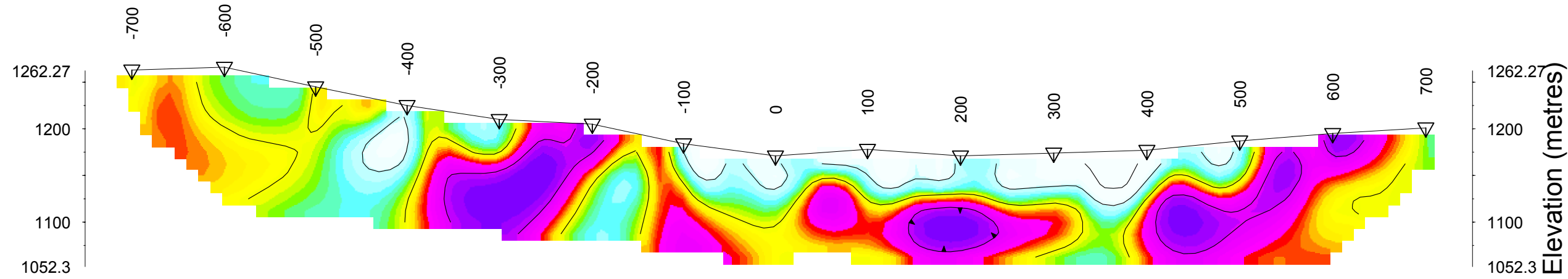


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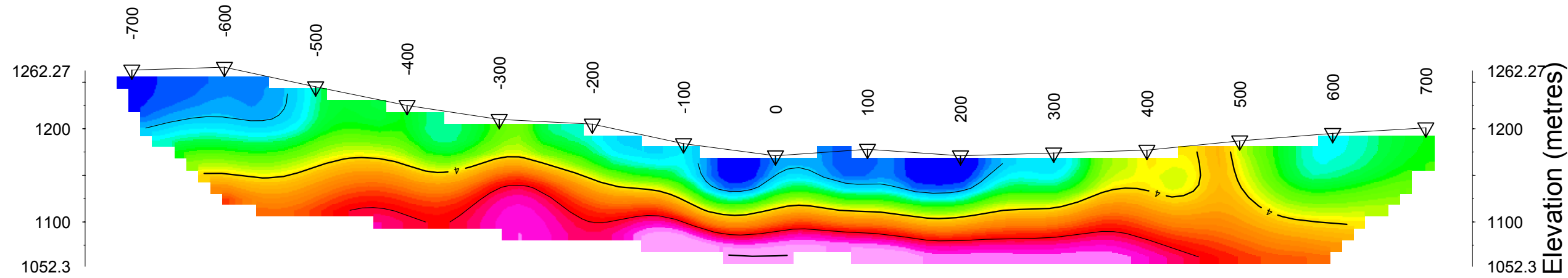


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Modelled Resistivity (Ohm-m)

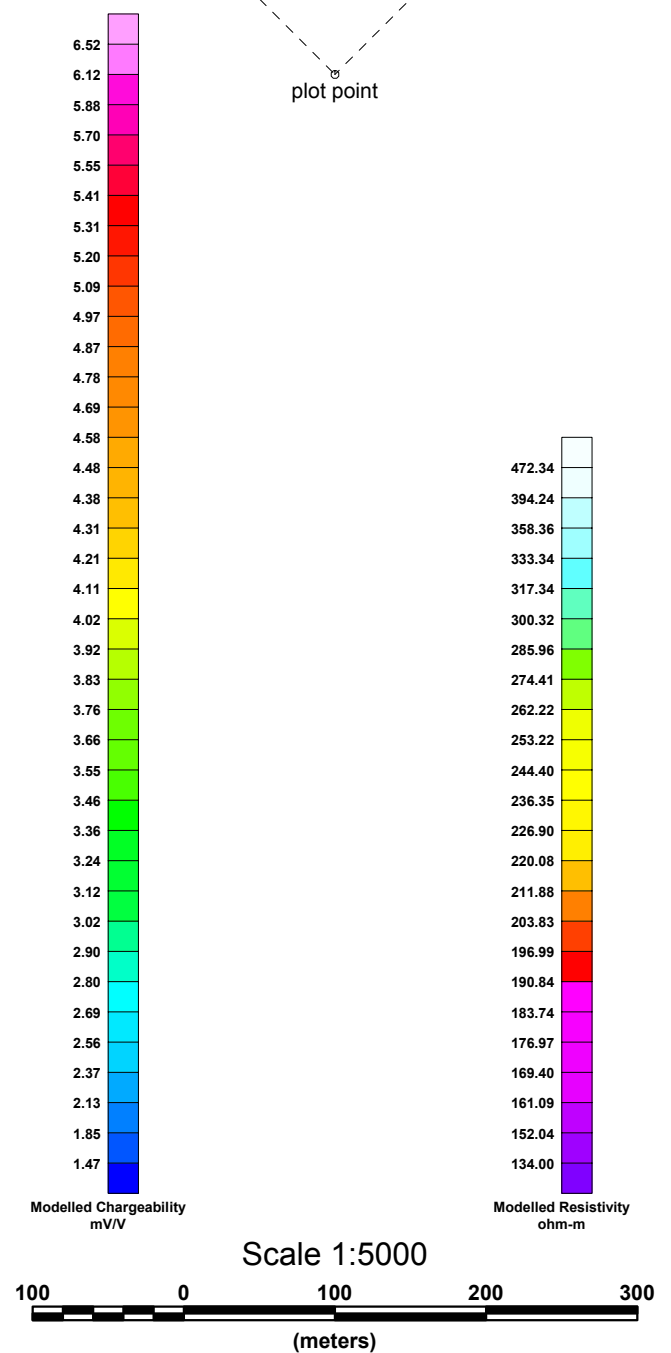
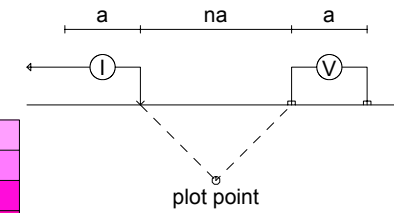


Modelled Chargeability (mV/V)



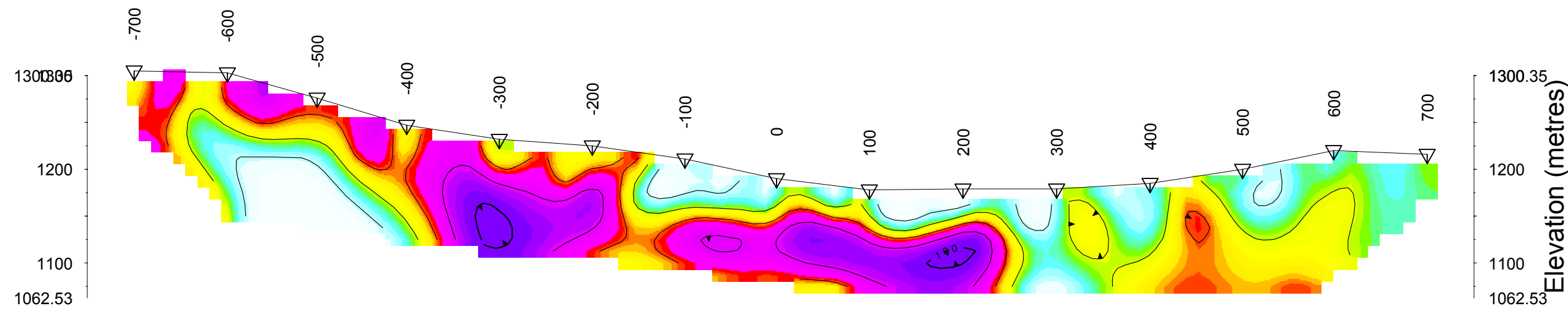
Line -1000

Pole-Dipole Array

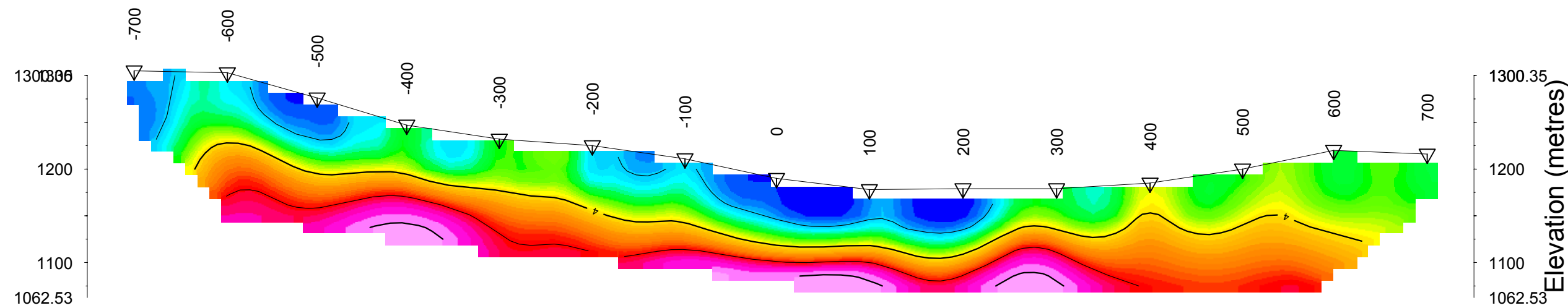


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Modelled Resistivity (Ohm-m)

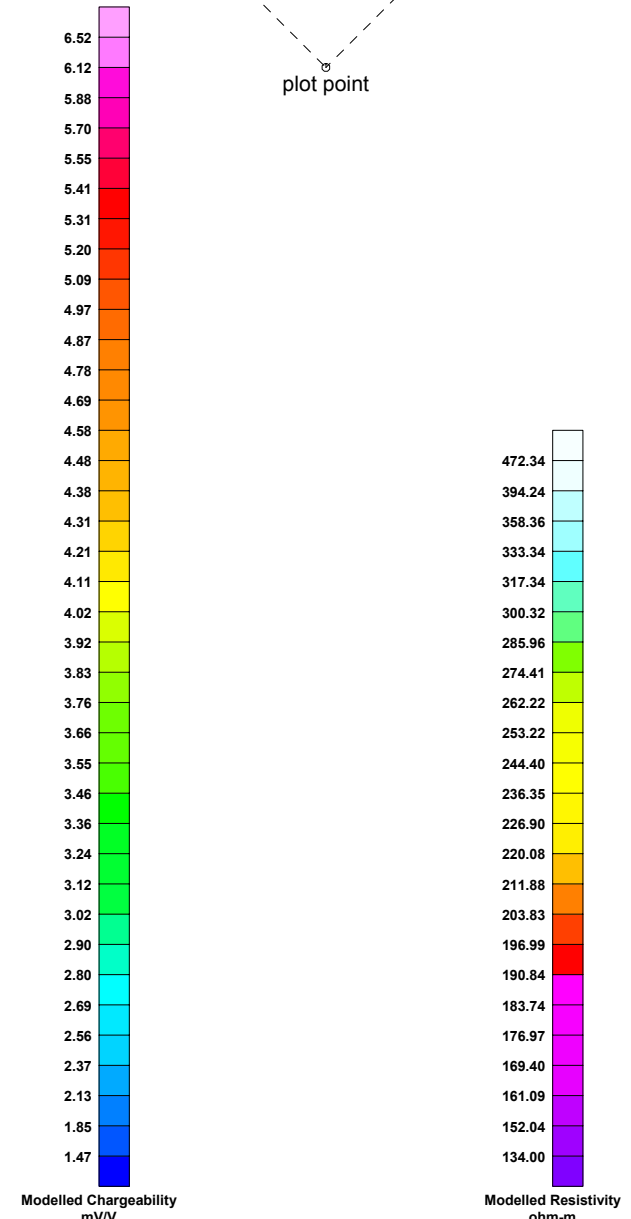
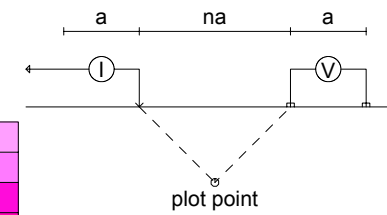


Modelled Chargeability (mV/V)



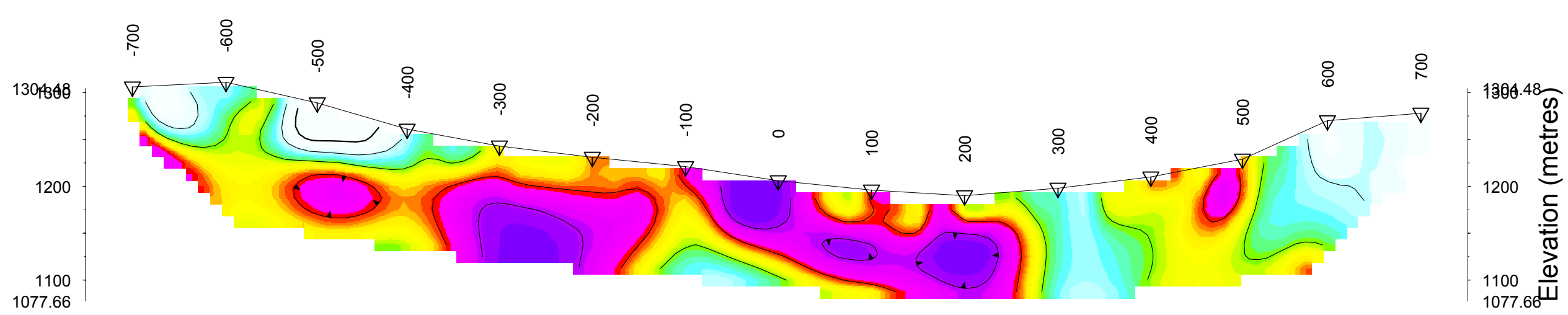
Line -900

Pole-Dipole Array

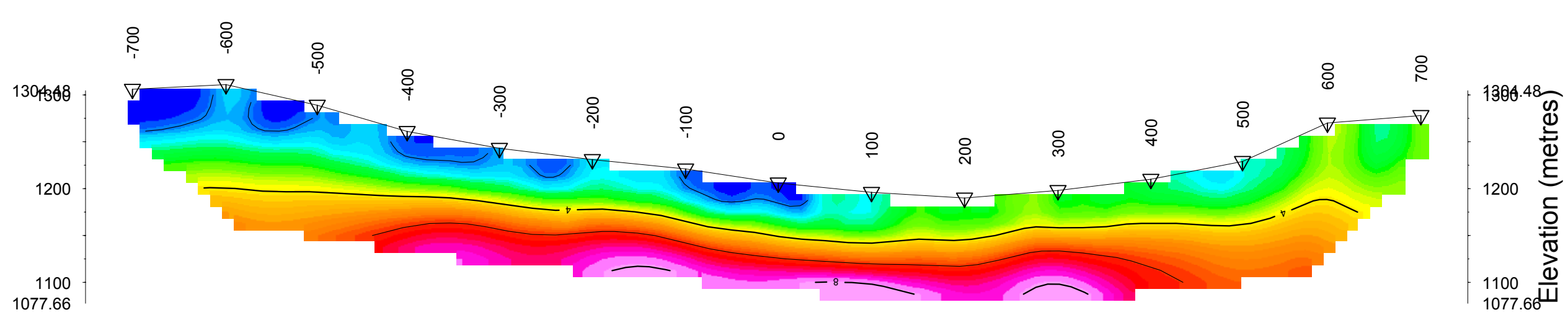


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 WHITEHORSE M.D. YT  
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Modelled Resistivity (Ohm-m)

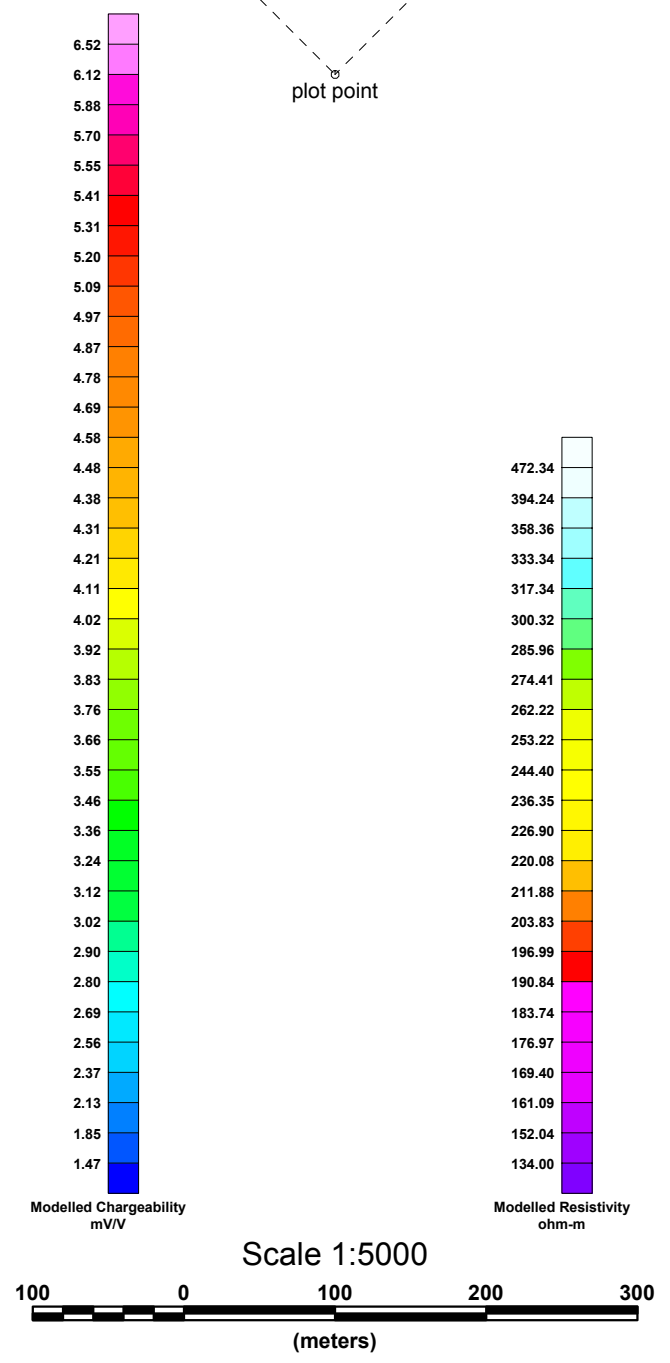
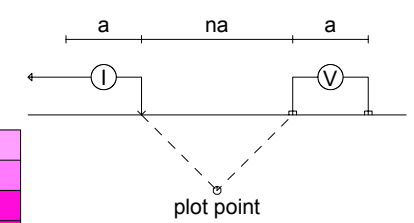


Modelled Chargeability (mV/V)



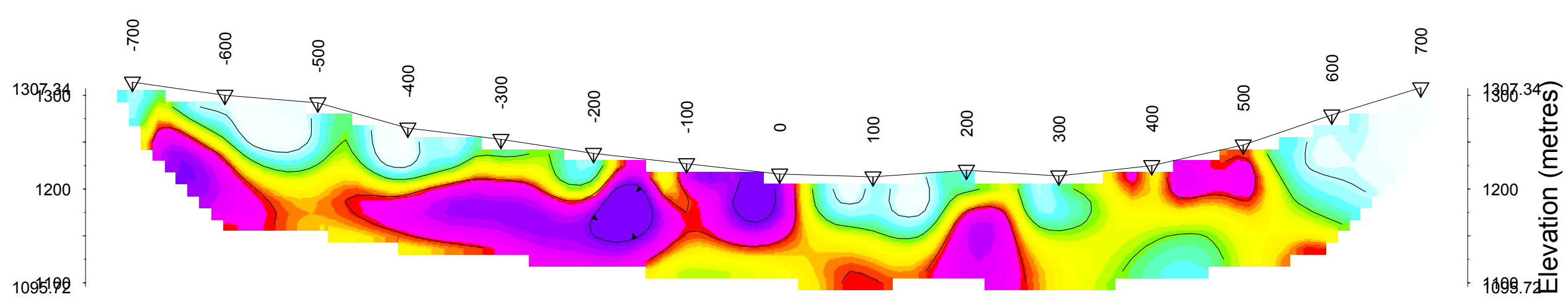
Line -800

Pole-Dipole Array

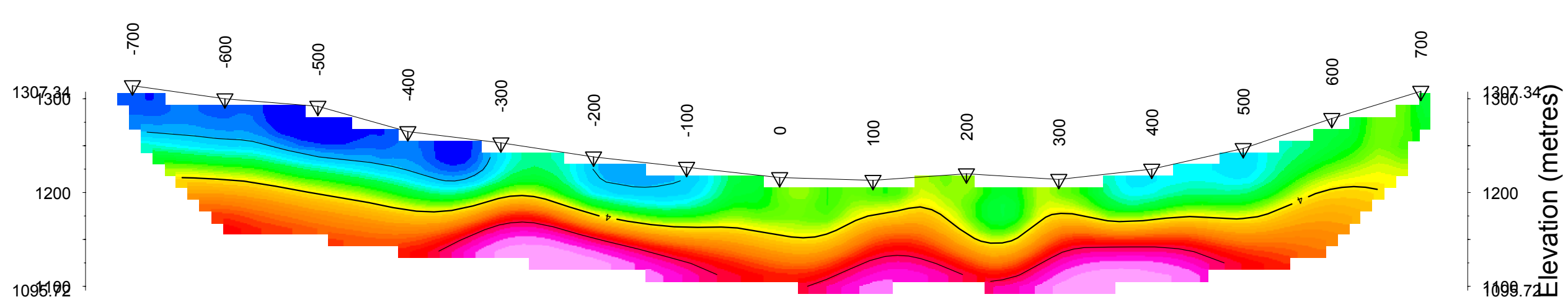


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 WHITEHORSE M.D. YT  
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Modelled Resistivity (Ohm-m)

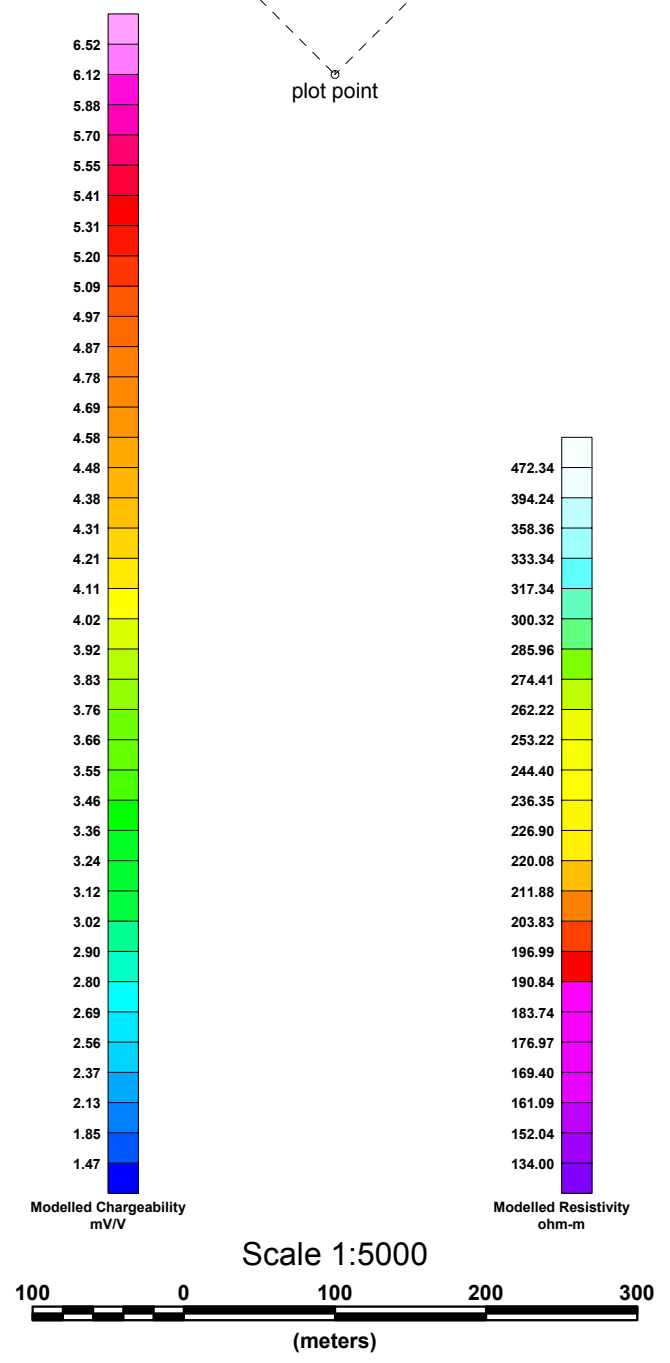
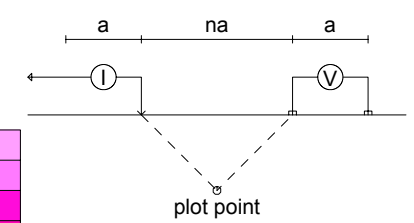


Modelled Chargeability (mV/V)

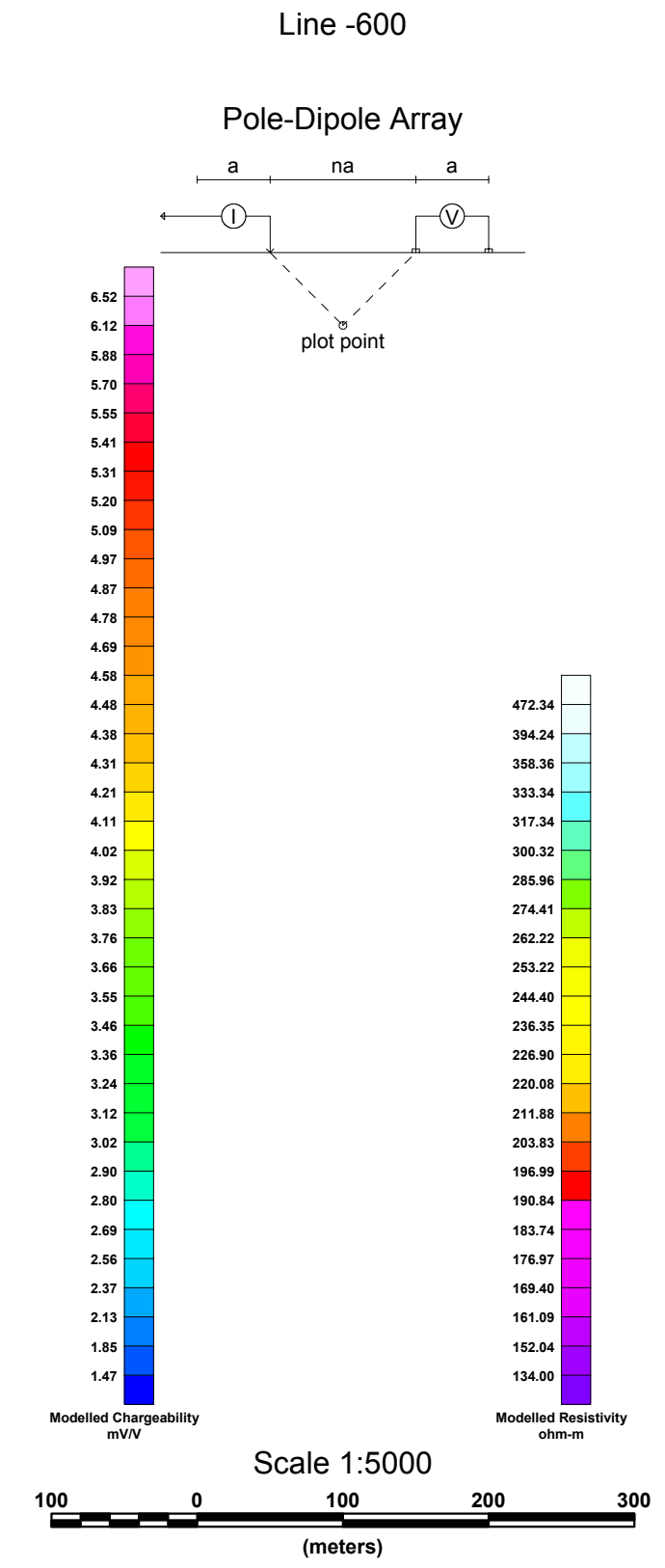
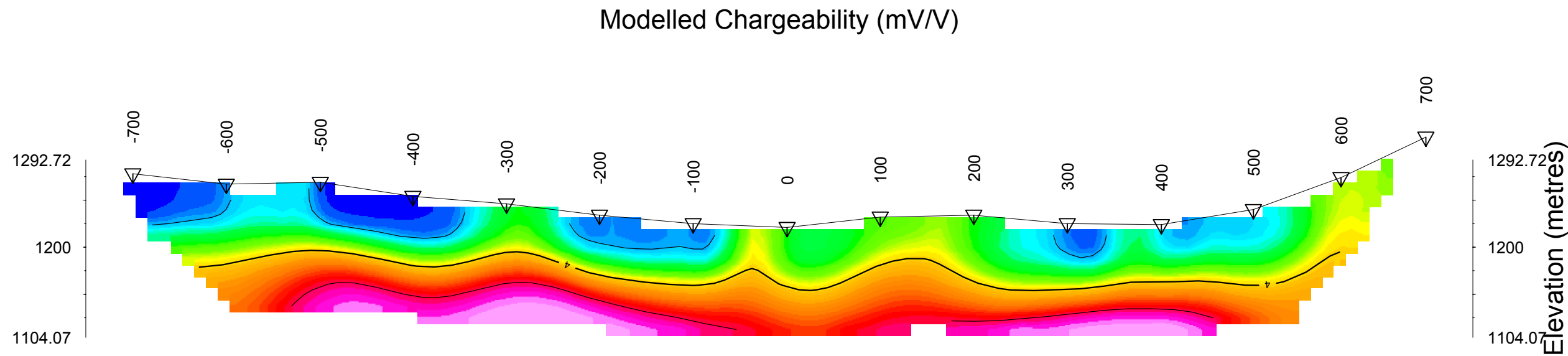
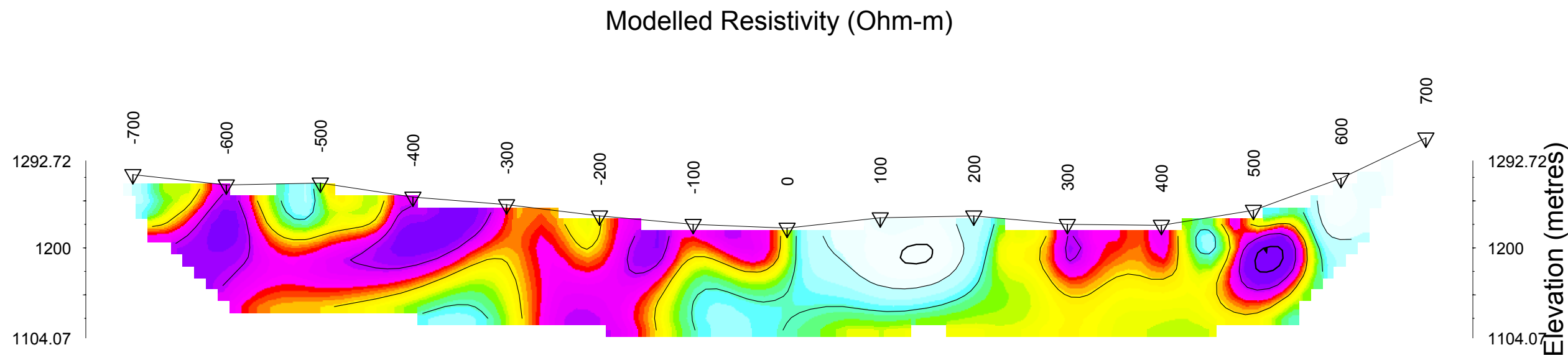


Line -700

Pole-Dipole Array

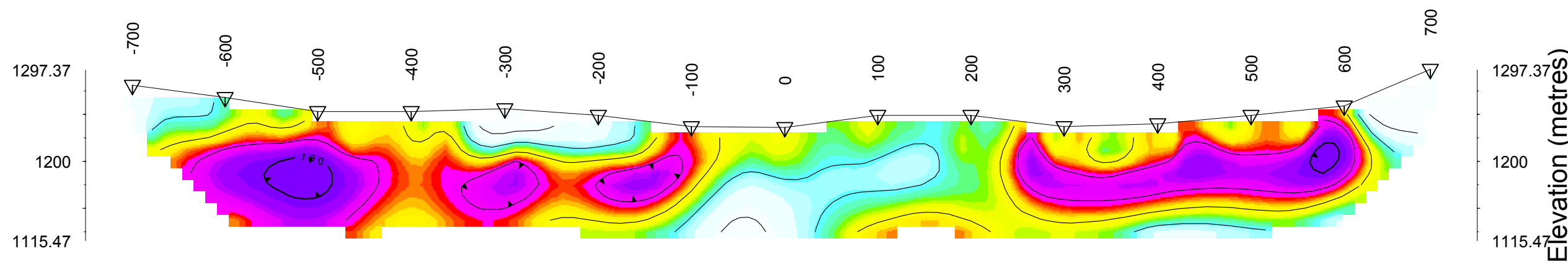


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 WHITEHORSE M.D. YT  
 February 2008  
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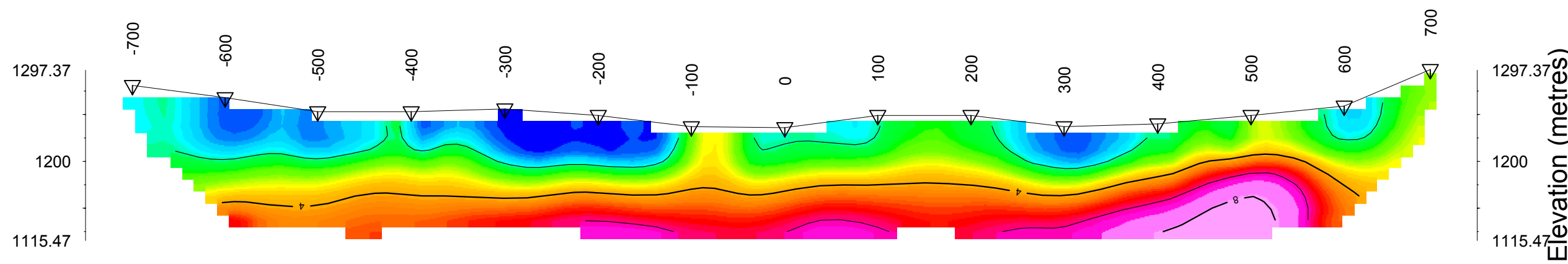


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### Modelled Resistivity (Ohm-m)

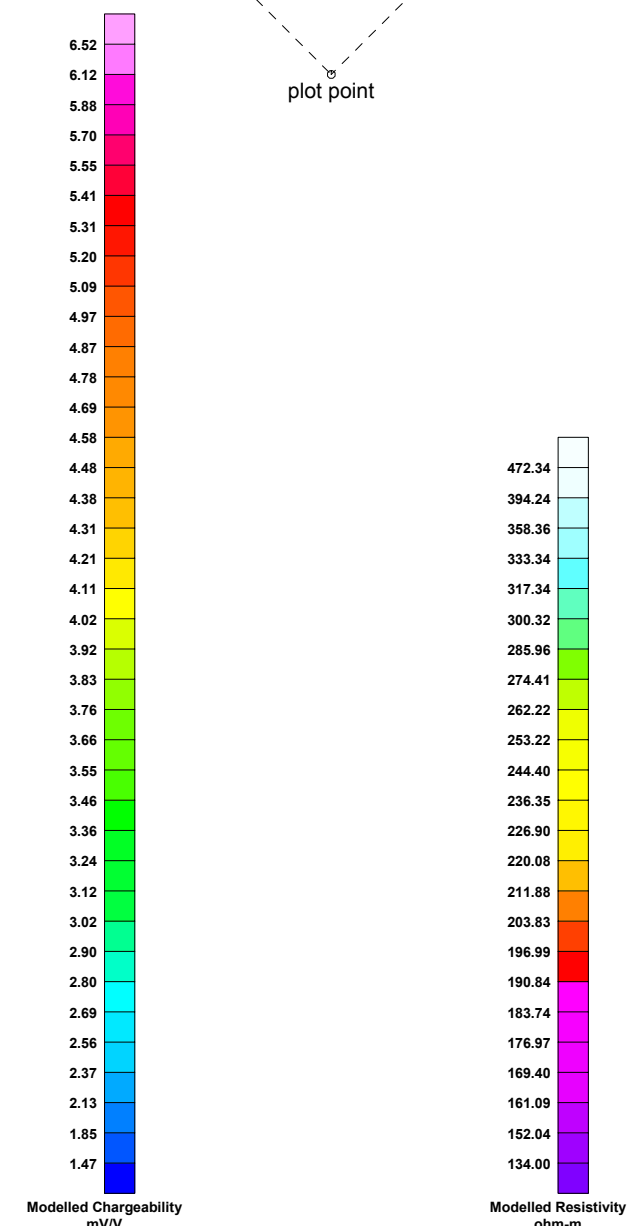
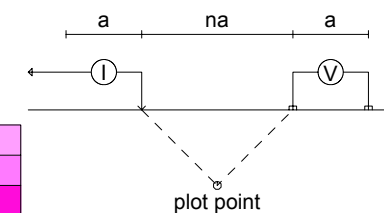


### Modelled Chargeability (mV/V)

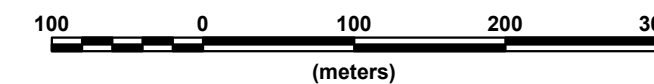


Line -500

Pole-Dipole Array



Scale 1:5000



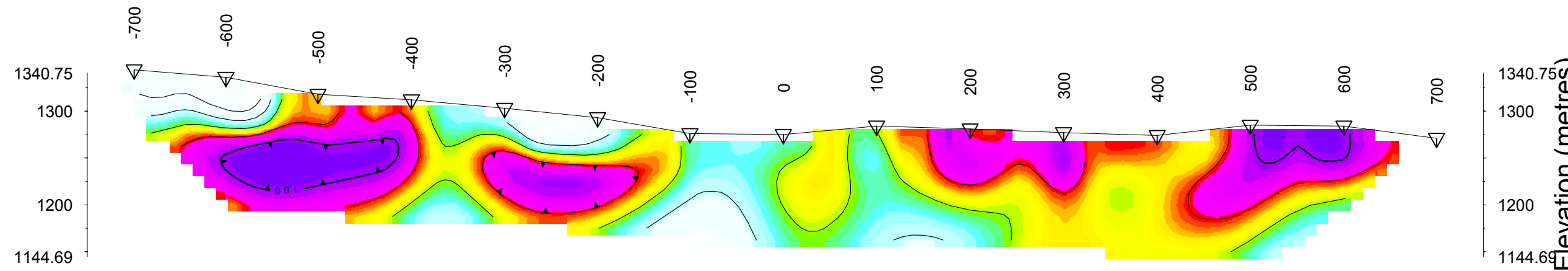
**WORTHING MINERALS.**

INDUCED POLARIZATION SURVEY  
 LOST LODGE PROJECT  
 WHITEHORSE M.D. YT

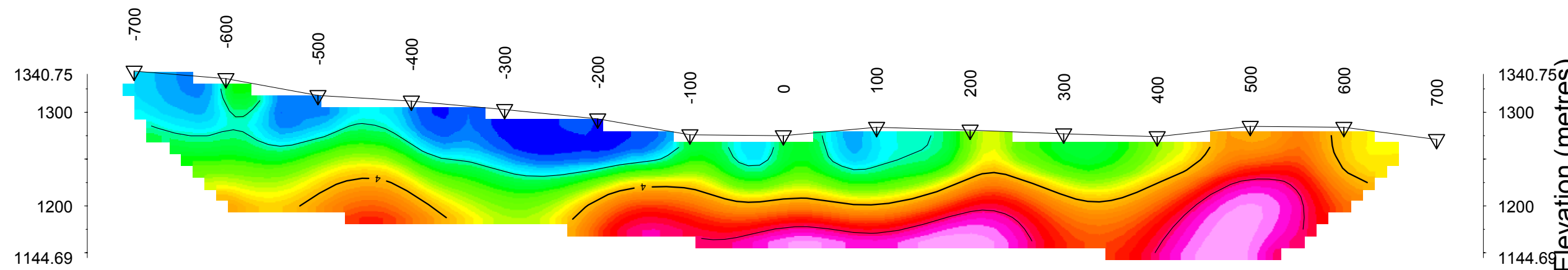
February 2008  
 RES2DINV

Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED

Modelled Resistivity (Ohm-m)

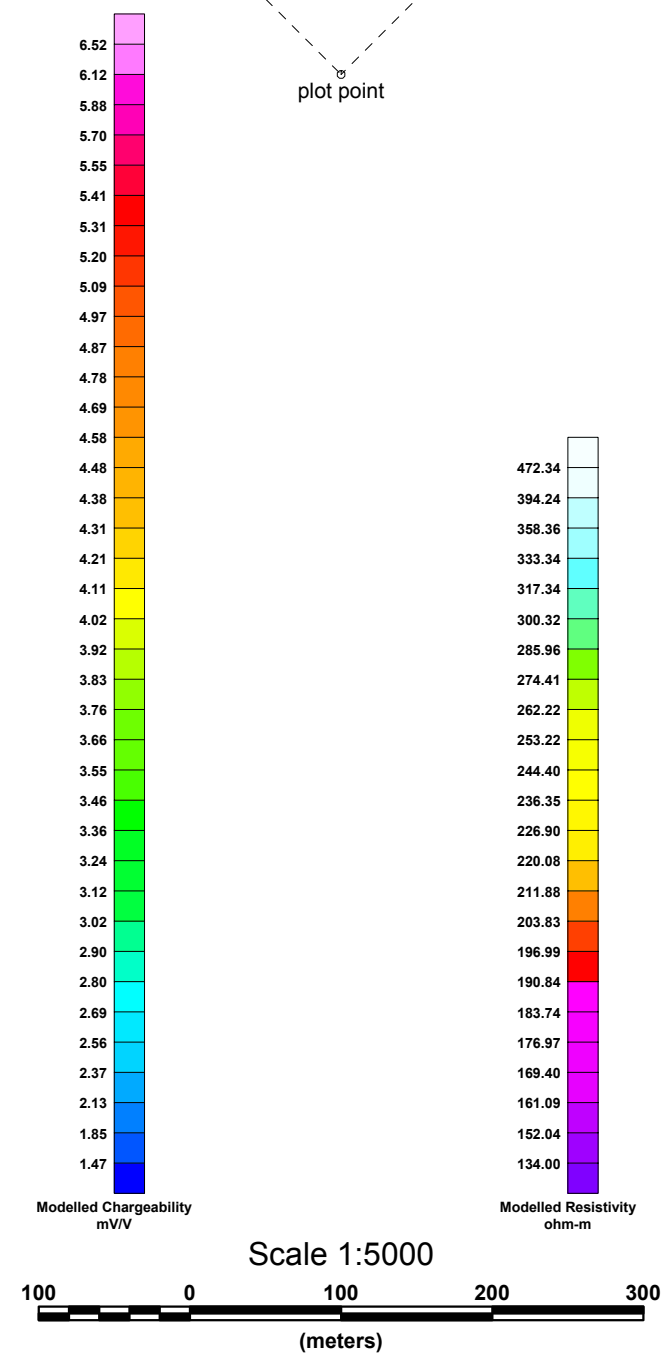
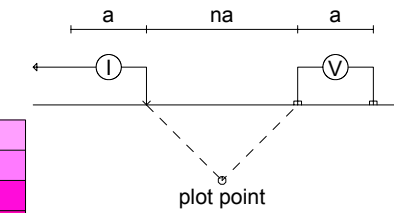


Modelled Chargeability (mV/V)



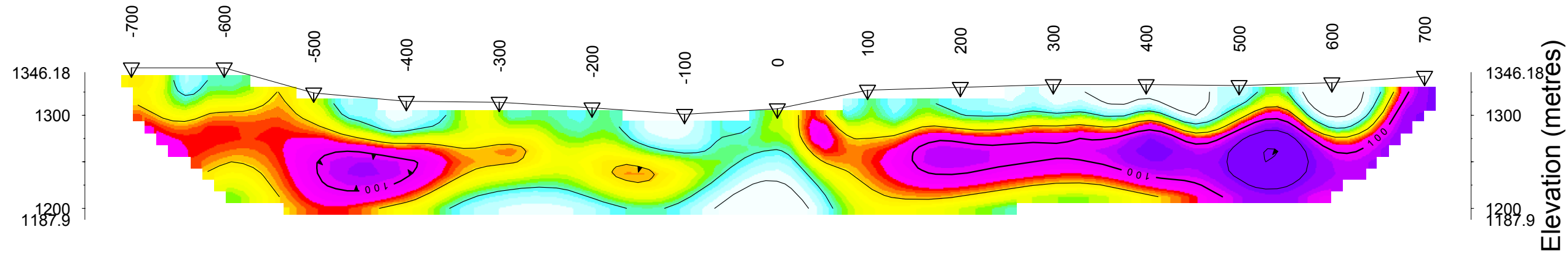
Line -400

Pole-Dipole Array

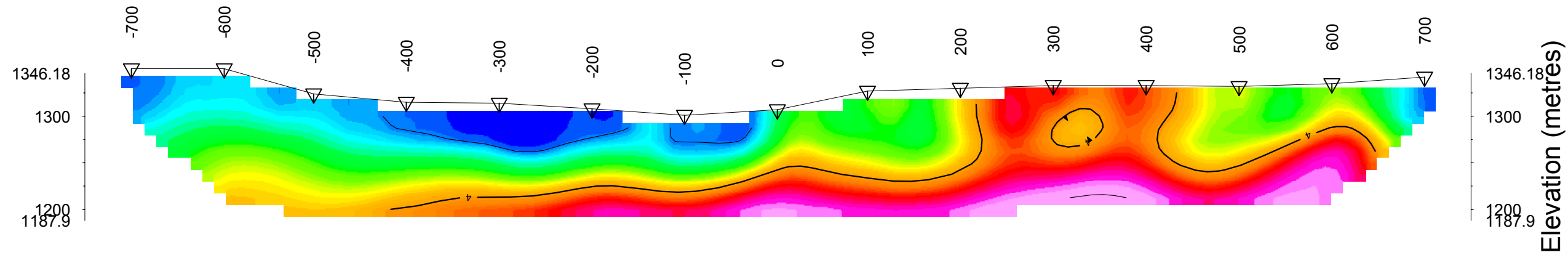


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### Modelled Resistivity (Ohm-m)

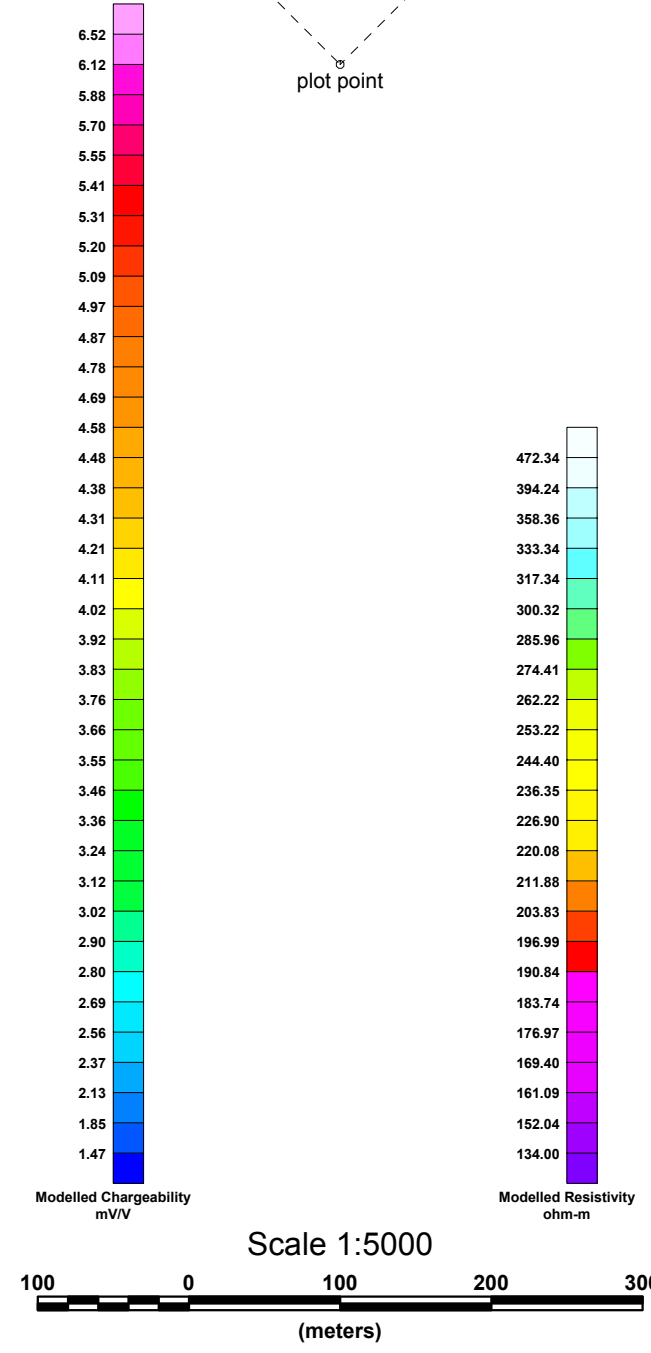
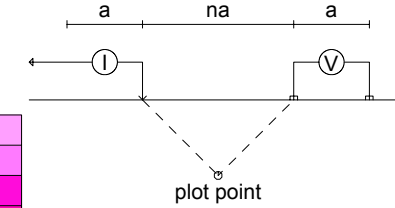


### Modelled Chargeability (mV/V)



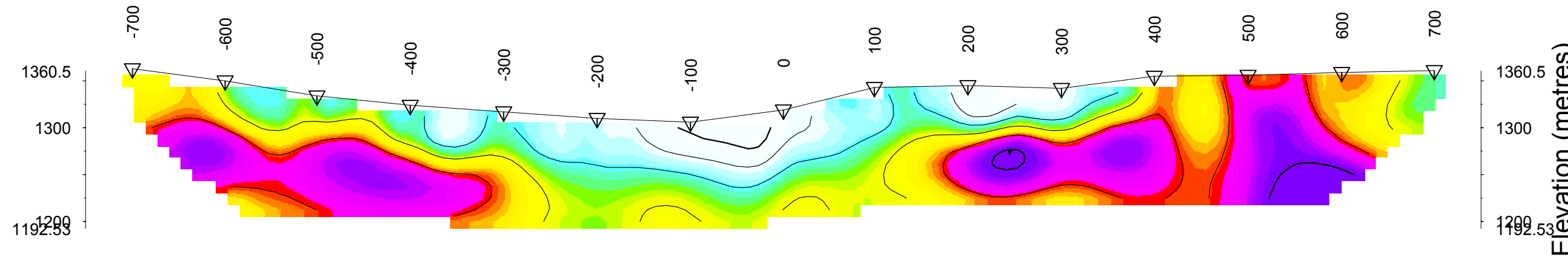
Line -300

Pole-Dipole Array

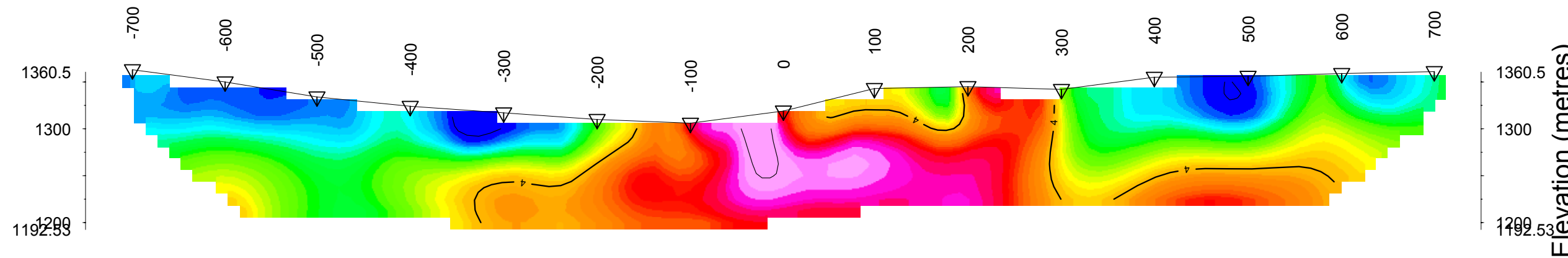


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Modelled Resistivity (Ohm-m)

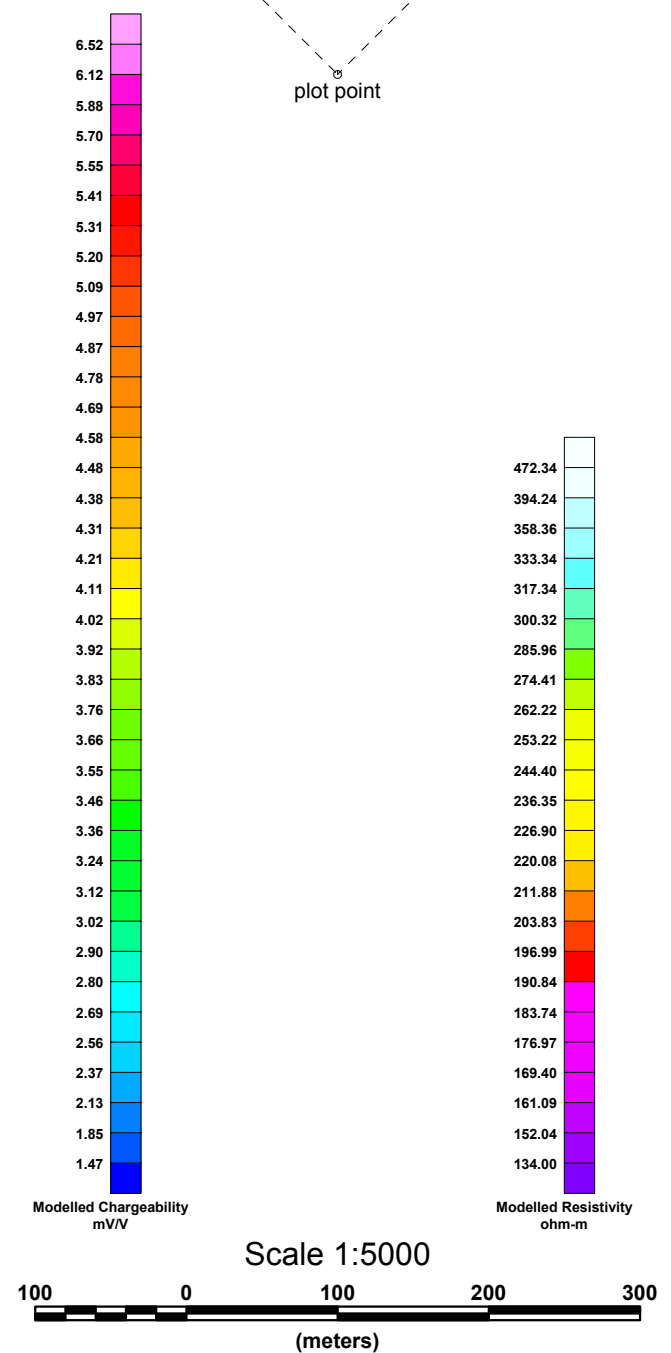
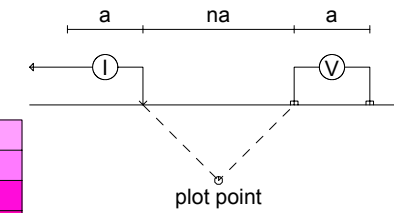


Modelled Chargeability (mV/V)



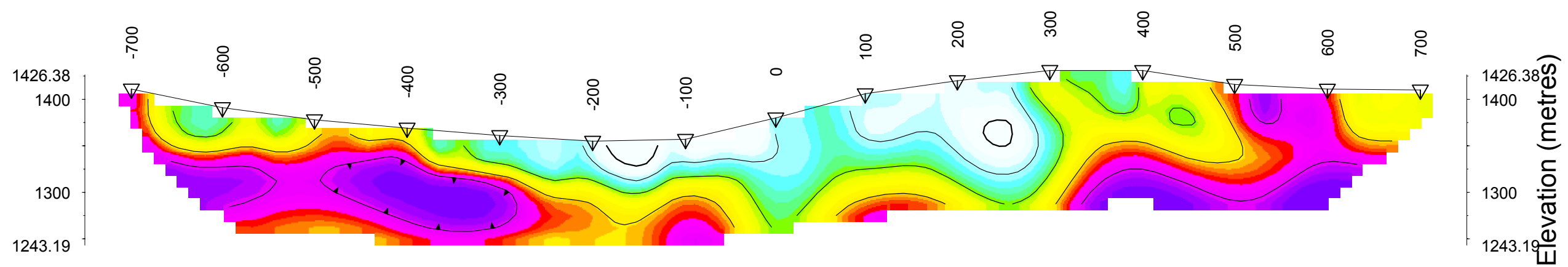
Line -200

Pole-Dipole Array

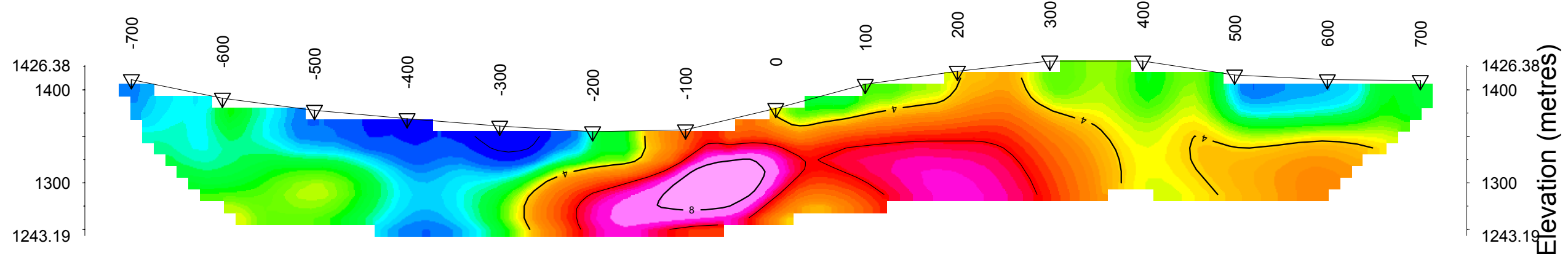


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Modelled Resistivity (Ohm-m)

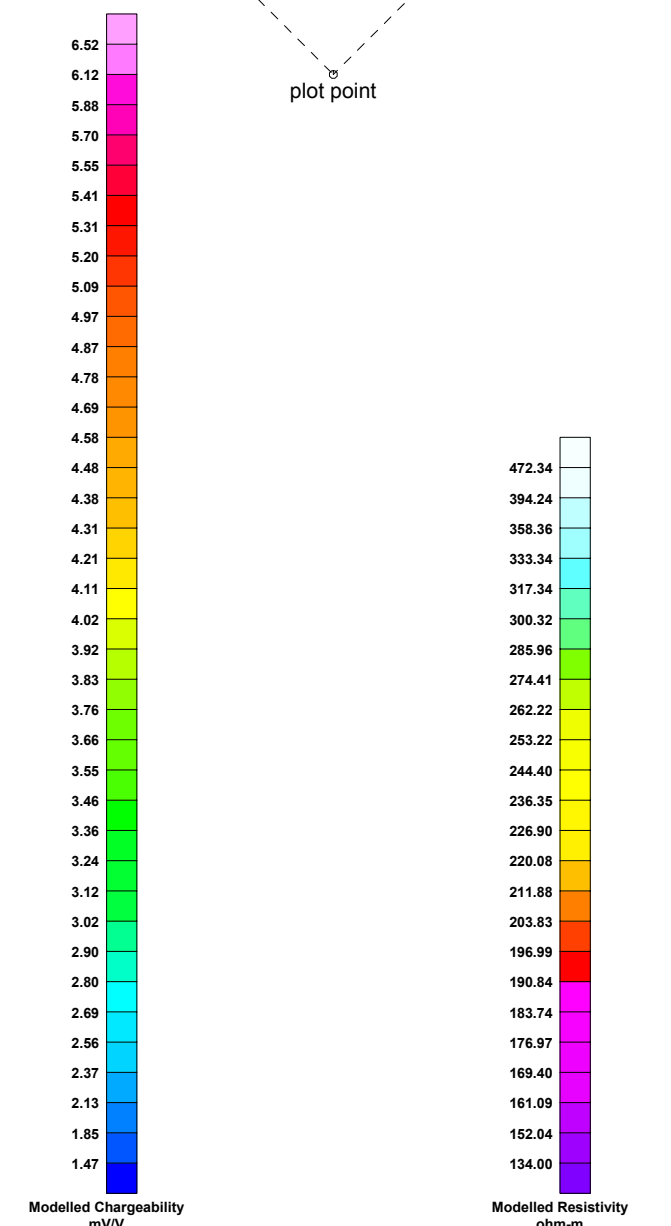
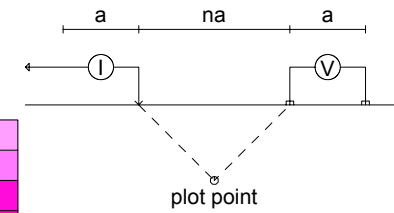


Modelled Chargeability (mV/V)



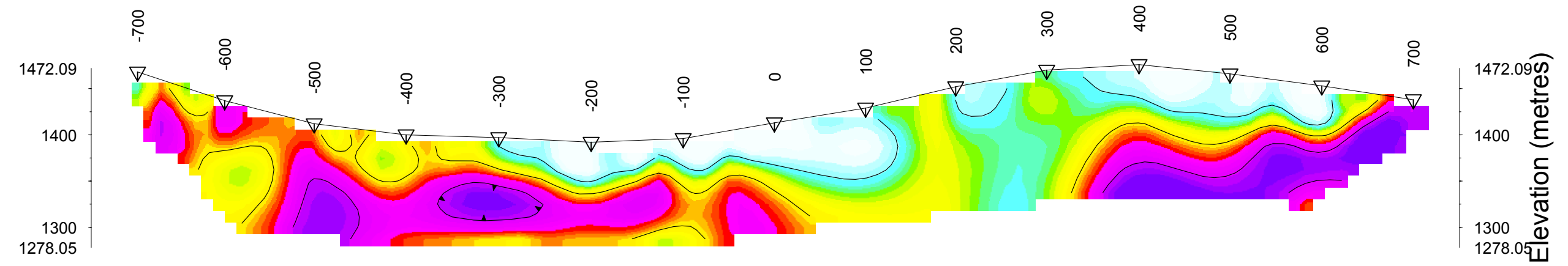
Line -100

Pole-Dipole Array

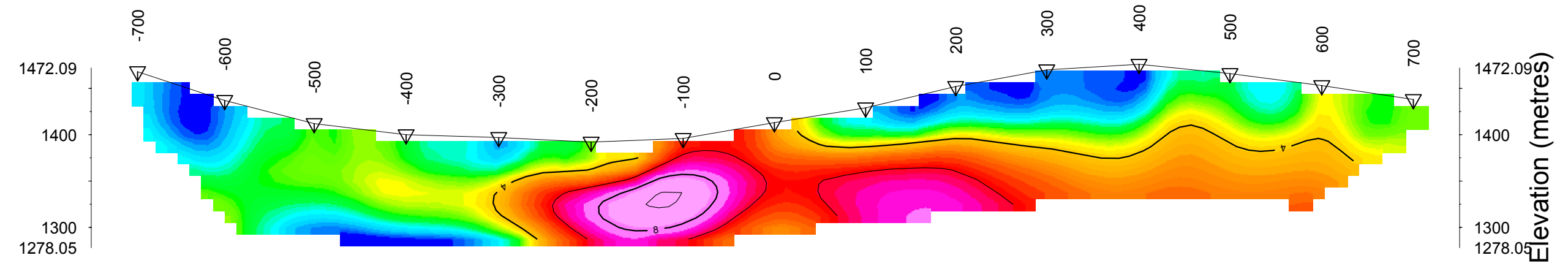


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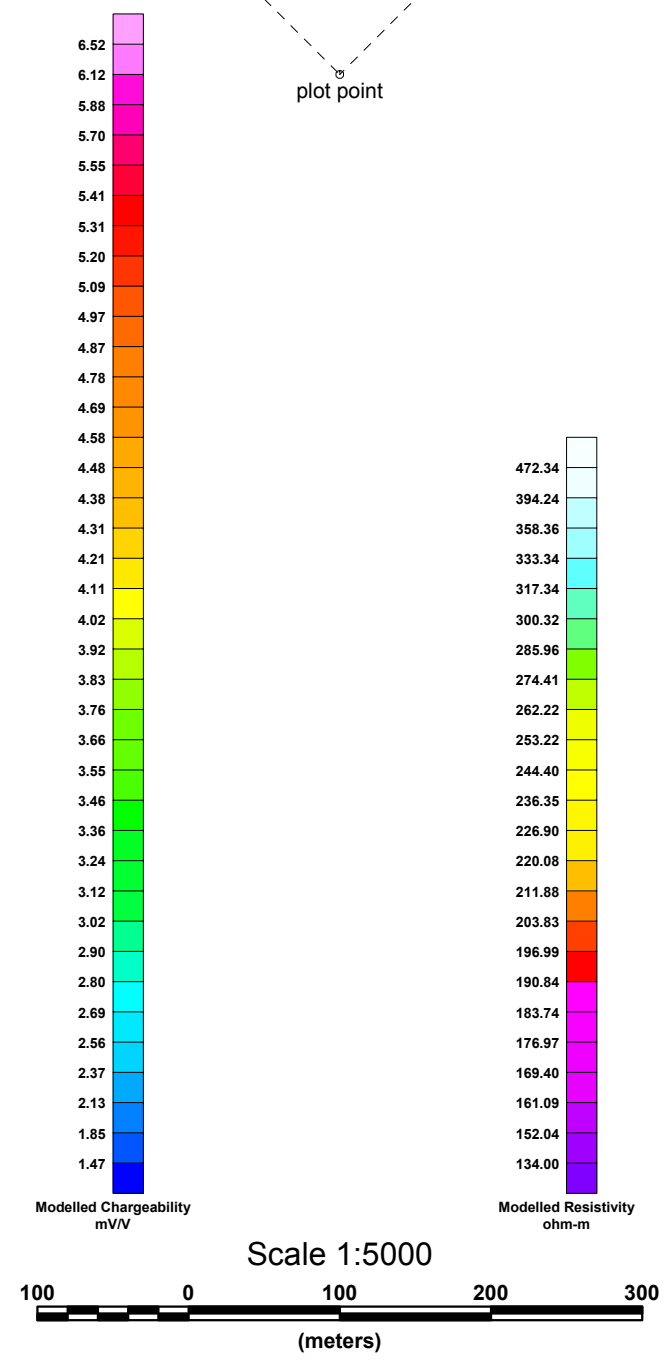
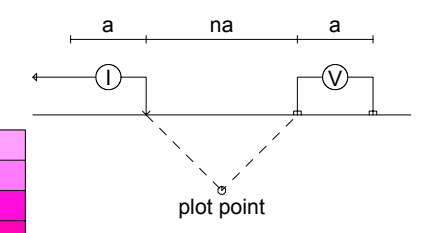
Modelled Resistivity (Ohm-m)



Modelled Chargeability (mV/V)



Line 0  
Pole-Dipole Array



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