

BC Geological Survey  
Assessment Report  
34849

**EVENT # 5496931**

**AN ASSESSMENT REPORT**

**ON**

**GEOPHYSICAL COMPILATION AND MODELLING**

Sat Property  
Granisle Area,  
Omineca M.D. , B.C.  
54° 53'N, 126° 26' W  
NTS: 93L/16

Claims Worked: 850902-850907, 896510, 896511

**FOR**

**REDHILL RESOURCES CORP.**

**BY**

**PETER E. WALCOTT & ASSOCIATES LIMITED**

**Coquitlam, B.C.**

**JUNE 2014**

## **TABLE OF CONTENTS**

	<u>Page</u>
Introduction	3
Property Location & Access	4
Previous Work	5
Geology	6
Purpose	7
Processing and Inversion	8
Discussion of Results	10
Summary, Conclusions & Recommendations	11

## **APPENDIX**

## Cost of Survey Personnel Employed Certification

<b>ACCOMPANYING MAPS</b>	<b>MAP POCKET</b>
Claim and Line Location Map	1:10,000
IP Pseudo Sections Lines 4800E, 5700E, 6400E, 7200E, 8000E, 8800E, 9200E, 9601E, 9602E 10000E, 10400E, 12000E, 9200N, 9600N, 10000N	1:10,000
IP Inverted Sections 4800E, 5700E, 6400E, 7200E, 8000E, 8800E, 9200E, 9601E, 9602E 10000E, 10400E, 12000E, 9200N, 9600N, 10000N	1:10,000
Plan Map Contours of Apparent Chargeability 1975 – N=2, N=4 Contours of Apparent Resistivity 1975 – N=2, N=4 Contours of Apparent Chargeability 2012 – N=2, N=4 Contours of Apparent Resistivity 2012 – N=2, N=4	1:10,000
Contours of Total Field Intensity (nT) Contours of First Vertical Derivative of Total Field Intensity Contours of Analytic Signal Level Plans (MSL) – Magnetic Susceptibility – 500m, 600m, 700m, 800m, 900m	

## **INTRODUCTION.**

Between February 20<sup>th</sup> and March 30<sup>th</sup>, 2014 Peter E. Walcott & Associates Limited undertook compilation, reprocessing and inversion of historic induced polarization and airborne magnetic data over the Sat property, located some 45 kilometres northeast of the town of Smithers, British Columbia, for Redhill Resources Corp..

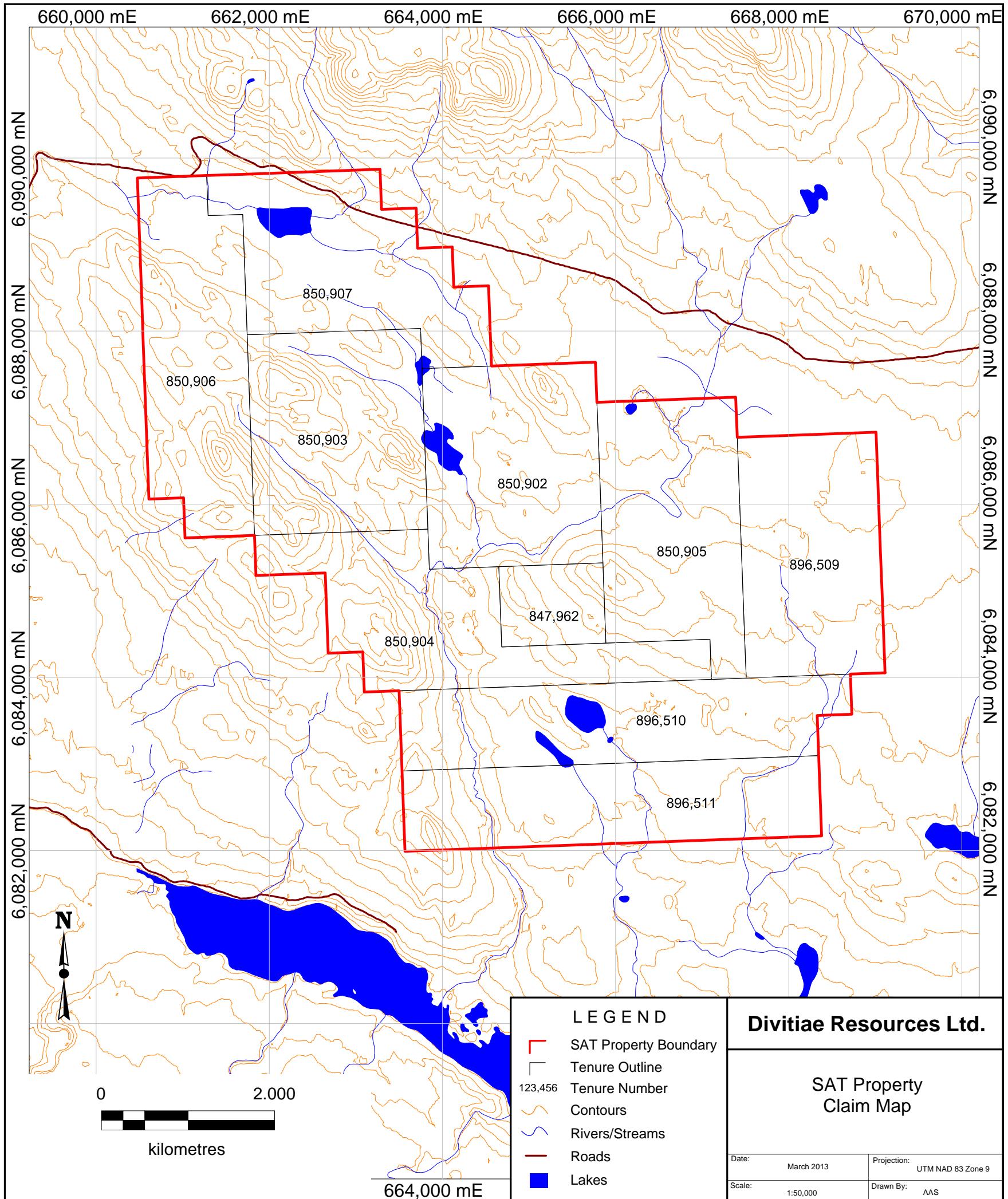
The project consisted of the digitization, reprocessing and modelling of 30km of historic induced polarization, and 200km of airborne magnetic data. The final data was then merged into a 3D compilation including historic drilling results.

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

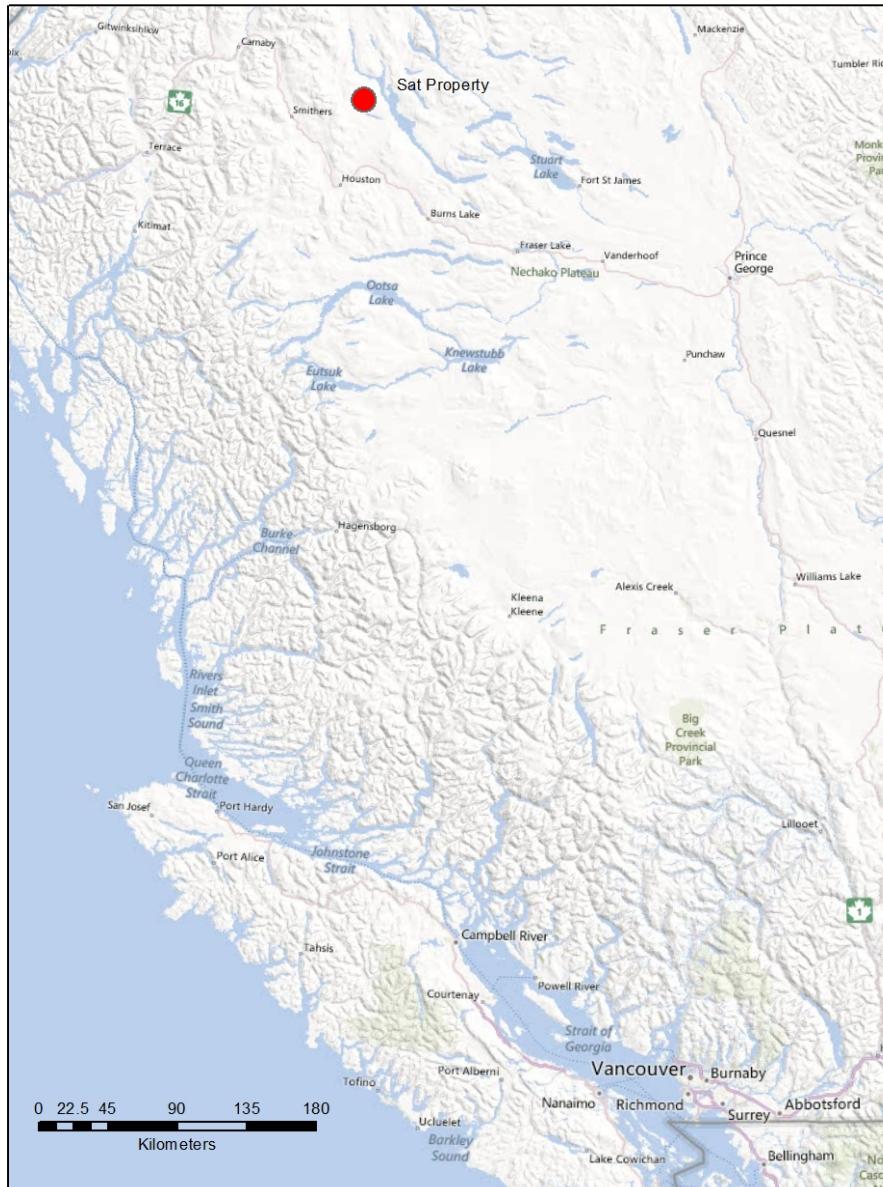
The Sat property is located in the Omineca Mining Division of British Columbia some 45 kilometres northeast of the town of Smithers, British Columbia, and some 14 kilometres west of the community of Granisle. It consists of the following claims:

Tenure Number	Claim Name	Issue Date	Good To Date	Area (ha)
847962	SAT	2011/mar/02	2015/mar/02	111.64
850902	SAT1	2011/apr/05	2015/apr/05	465
850903	SAT2	2011/apr/05	2014/apr/05	464.96
850904	SAT3	2011/apr/05	2015/apr/05	465.18
850905	SAT4	2011/apr/05	2015/apr/05	465.07
850906	SAT5	2011/apr/05	2014/sep/11	464.86
850907	SAT6	2011/apr/05	2014/sep/11	464.76
896509	SAT7	2011/sep/11	2014/sep/11	446.51
896510	SAT8	2011/sep/11	2014/sep/11	465.3
896511	SAT9	2011/sep/11	2014/sep/11	446.78

Access to the property is readily obtainable by active and old logging roads off the Granisle cutoff road, which is in turn accessed from the Babine Lake (5000 RD) FSR.



## PROPERTY, LOCATION & ACCESS con't



Property Location Map

## **PREVIOUS WORK**

Mineral exploration in the Omineca district rotated with placer gold prospecting in 1869 and with copper exploration commencing in 1969.

In 1972, Amoco Canada conducted some 67 line kilometres of induced polarization, magnetic, and electromagnetic surveying along with soil, silt and rock geochemistry. Some 2000 metres of diamond drilling was conducted in 19 drill holes, including hole 72-3 which is understood to have graded 0.10% copper over a 120 foot interval. Amoco allowed the claims to lapse in 1974.

In 1974 Cities Services subsequently restaked the property, and conducted additional geophysical and geochemical surveys. They filed assessment work but allowed the claims to lapse.

In 1980 Great Western Petroleum conducted geological mapping along with additional geochemical sampling on the property.

Noranda Exploration optioned the property in June of 1982. They in turn conducted line cutting, geochemical sampling and additional magnetic and induced polarization.

No additional ground work was recorded since 1982.

In 2008 the area was covered by Geoscience BC's Quest West programme with several survey lines crossing over the property.

In 2012, Parlene Resources conducted 3 lines of Induced Polarization surveying. The area was also covered by an airborne magnetic survey which was overflowed by Riverside Resources.

For further information the reader is referred to the numerous assessment files in the British Columbia Ministry of Mines archives.

## **GEOLOGY.**

The property is located within sedimentary and volcanic units of the Hazelton Group. The Hazelton group was subsequently intruded by Babine-type intrusions hosting biotite feldspar porphyry mineralization, similar to the mineralization associated with the Granisle and Bell deposits, some 15 kilometres to the west.

As minimal outcrops were observed over the property, indirect methods of geochemistry and geophysics were employed in the search for the above mentioned mineralization.

For more detailed geological information the reader is referred to historic assessment reports previously mentioned.

**PURPOSE.**

The purpose of the compilation exercise was to create a 3d compilation of historic geophysical and geological information, in an effort to define targets for additional ground follow up.

## **PROCESSING AND INVERSION.**

### *Induced Polarization Processing and Inversion.*

The historic induced polarization data was initially digitized from the 1975 induced polarization survey conducted by Cities Service Minerals Corp. over the Bro property, ARIS file 5620. This induced polarization data consisted of 9 north-south dipole-dipole traverse with a nominal line spacing of some 700-800 feet, using a 300 foot a-spacing, measuring the first to fourth separation. The data was then subsequently converted into a Geosoft compatible IP format, for loading into Oasis Montaj. The respective units were then transformed into metric units for additional processing and exported to RES2DINV for subsequent inversion.

Two dimensional smooth model inversions of the resistivity and chargeability were then 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 1:10,000.

In addition to the 1975, the data from a induced polarization survey conducted by Parlane Resources Ltd. in 2012, were also subjected to a similar process and presented at scale of 1:10,000.

### *Airborne Magnetic Inversion.*

Digital data from an historic airborne magnetic survey was obtained from ARIS file #33707. The survey flown by the neighbouring property holder, Riverside Resources, was conducted in June 2012 with a nominal line spacing of some 200 metres and covered the Sat property in its entirety.

## **PROCESSING AND INVERSION cont'd.**

The data, which was provided in a Geosoft Oasis Montaj GDB file, was then loaded, and windowed for additional processing.

A number of simple two dimension test inversions were then carried out using PotentQ by Geophysical Software Solutions prior to undertaking a cell three dimensional inversion, and are not presented within this report.

Three dimensional potential field modelling was then preformed utilizing the Geosoft Voxi 3D inversion code.

### *Historic information*

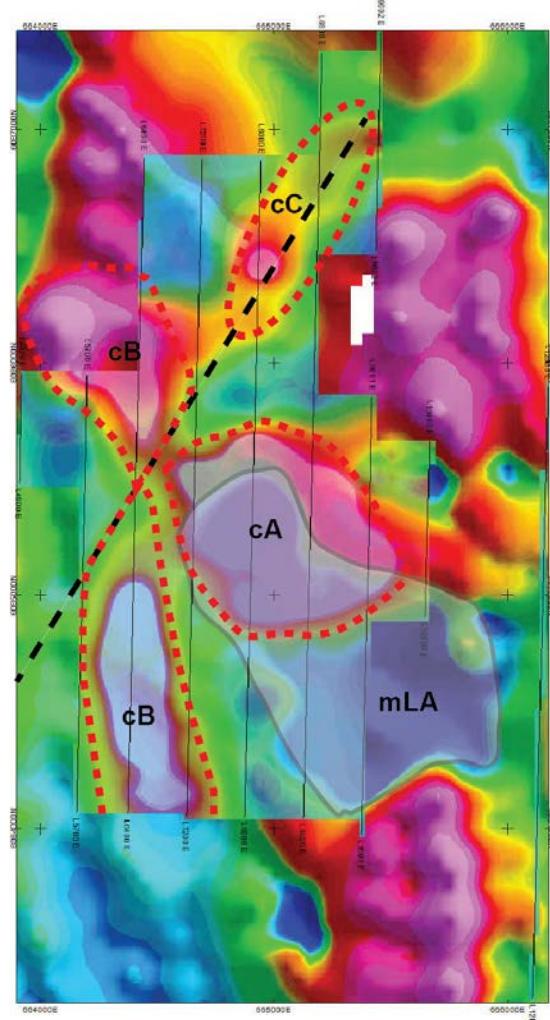
In addition to the geophysical data sets, historic drill hole and geochemical data was were also compiled during the course of the exercise. It should also be noted, while all attempts were made to properly geo-reference the respective datasets, given the limited number of physical references a number assumptions were made.

### *Data Presentation.*

The I.P. data are presented as individual pseudo section plots of apparent chargeability and resistivity at a scale of 1:10,000. Geo-referenced plan maps, of raw and modelled induced polarization and magnetics are also presented at a scale of 1:10,000.

## **DISCUSSION OF RESULTS.**

The geophysical compilation conducted over the Sat property shows a number of discrete features of potential interest within the airborne magnetic dataset. The most prevalent of these features is situated within the central portion of the Sat property. Anomaly mLA, is a large magnetic low, elongated along a northwesterly trending corridor. The feature appears to be bisected by a northeasterly structure, and may have small offset.



Main Zone- IP and Magnetic Anomalies

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

Anomaly mLB is situated some 2.8 kilometres to the northwest of anomaly mLA. The core of this anomaly is some 400 metres in diameters, and represented by an intense low.

This magnetic low appears to extend southward albeit of lesser intensity, and may be a partially associated with a dipole effect. The feature is situated on the western flank of a northerly trending structure.

Anomaly mHC is located in the northwestern corner of the claim block. This plug like magnetic features some 600 metres is diameter, has also received little or no ground follow up and may be of interest.

Anomaly cA is a broad chargeability anomaly partially associated with the northern lobe of anomaly mLA. The anomaly also appears to partially encompass the northern contract of the magnetic feature, and is also situated within a resistivity low. The anomaly, which is some 1200 x 800 metres in dimension, has been the subject of historic drill testing which yielded broad intervals of anomalous copper. The inversions of the magnetics and chargeability data show a broad area of reduced magnetic susceptibility and elevated chargeability extending to depth.

Anomaly cB is a northerly trending anomaly located in the southwestern area of the survey grid. The anomaly is associated with a low to moderately low resistivity, and a weak north-south magnetic lineament. The feature is bisected by a northeasterly trending structure readily apparent within the magnetic and resistivity data sets, offsetting it in a right lateral fashion.

Anomaly cC is a low to moderate chargeability anomaly associated with the aforementioned cross cutting structure, and likely of little interest.

## **SUMMARY, CONCLUSIONS & RECOMMENDATIONS**

Between February 20<sup>th</sup> and March 30<sup>th</sup>, 2014 Peter E. Walcott and Associates Limited undertook geophysical compilation and modelling of historic induced polarization and airborne magnetic data over the Sat property, currently under option to Redhill Resource Corp.

The induced polarization and airborne magnetic data were subjected to two and three dimensional modelling techniques respectively.

The results of this compilation suggest that the area where historic drilling identified areas of broad mineralization, albeit weak, may have additional potential at depth.

Given the exact locations of the induced polarization may be questionable, an additional modern IP surveying should be undertaken to confirm the exact location of the anomaly prior to additional drilling.

This survey should expand on the 2012 to the south using a 100 metre a-spacing, reading the 1<sup>st</sup> to 10<sup>th</sup> separations to ensure adequate depth of investigation focusing on anomaly cA. Test lines should also be undertaken over anomaly MLB and MHC, to test for the presence of sulphides.

Respectfully submitted,

### **PETER E. WALCOTT & ASSOCIATES LIMITED**

**Alexander Walcott**  
**Geophysicist**

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

**Vancouver, B.C.**  
**June 2014**

## APPENDIX

**COST OF SURVEY.**

Peter E. Walcott & Associates Limited undertook the reprocessing and inversions on an hourly basis. Thus the total cost of services provided was \$3,037.51.

**PERSONNEL EMPLOYED ON SURVEY.**

Name	Occupation	Address	Dates
Peter E. Walcott	Geophysicist	Peter E. Walcott & Associates Limited 111 – 17 Fawcett Road., Coquitlam, B.C. V6J 1H2	June 5th, 2014
Alexander Walcott	"	"	Feb 20 <sup>th</sup> – March 30 <sup>th</sup> , 2014 June 5 <sup>th</sup> , 2014


**CERTIFICATION.**

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

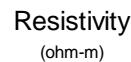
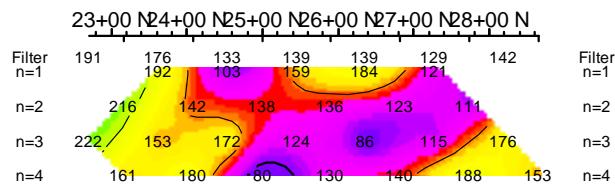
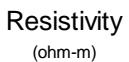
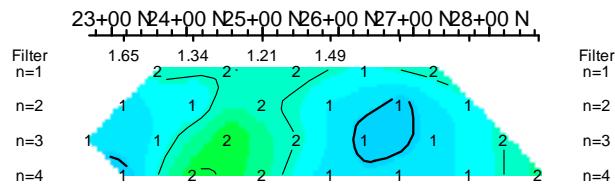
1. I am a graduate of the University of Toronto in 1962 with a B.A.Sc. in Engineering Physics, Geophysics Option.
2. I have been practicing my profession for the last fifty three years.
3. I am a member of the Association of Professional Engineers of British Columbia and Ontario.
4. I hold no interest,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

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

**Vancouver, B.C.  
June 2014**

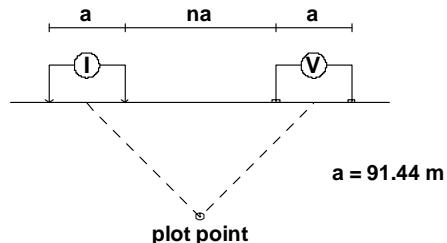


REDHILL RESOURCES CORP.  
AIRBORNE MAGNETIC SURVEY  
CONTOURS OF TM1 (nT)  
SAT PROPERTY  
GRANVILLE AREA, BRITISH COLUMBIA  
JUNE 2014  
DATA FROM AEROQUEST, 2012  
PETER E. WALCOTT & ASSOCIATES LIMITED



48+00 E

## Dipole-Dipole Array



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

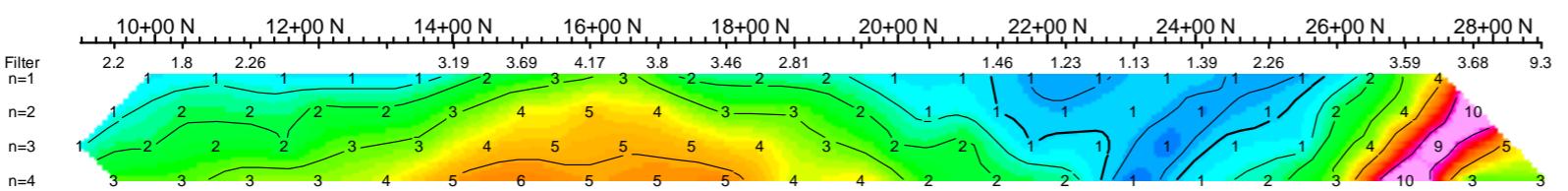
Scale 1:10000

A scale bar representing a distance of 600 meters. The bar is divided into six segments of 100 meters each, labeled 0, 100, 200, 300, 400, 500, and 600 from left to right. Below the bar, the word '(meters)' is written in parentheses.

**REDHILL RESOURCES CORP.**  
**INDUCED POLARIZATION SURVEY**  
**SAT PROPERTY**  
**GRANISLE, BRITISH COLUMBIA**

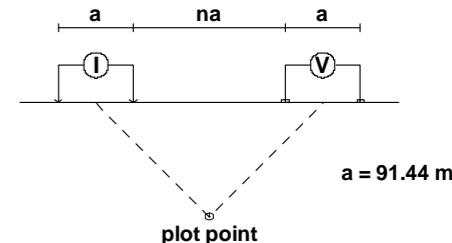
57+00 E

IP  
PFE



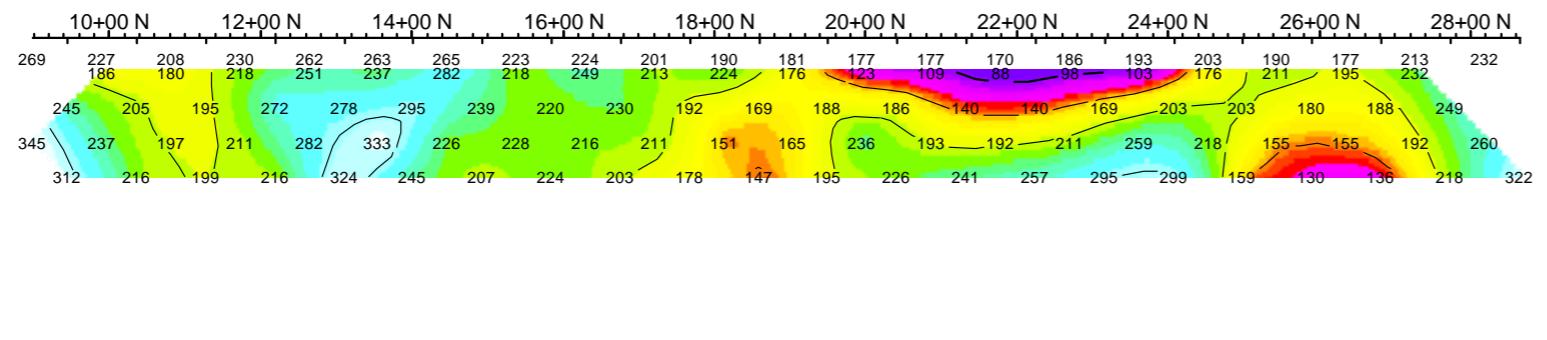
IP  
PFE

Dipole-Dipole Array

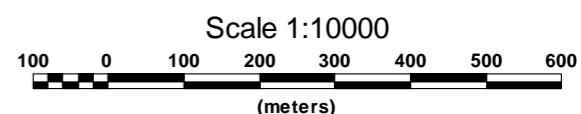


Logarithmic  
Contours  
1, 1.5, 2, 3, 5, 7.5, 10, ...

Resistivity  
(ohm-m)

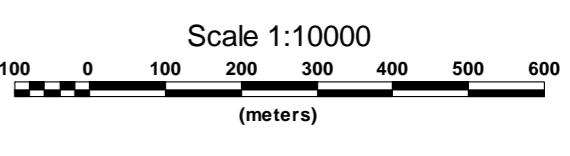
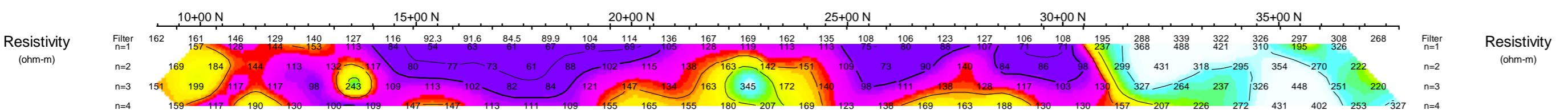
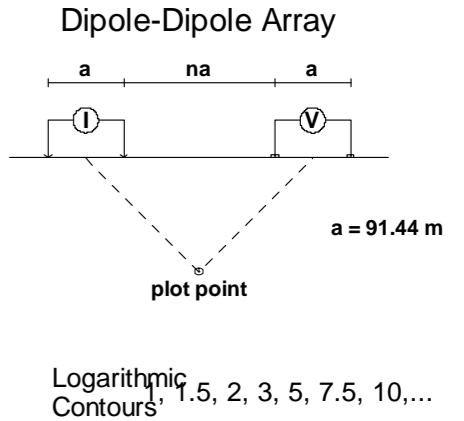
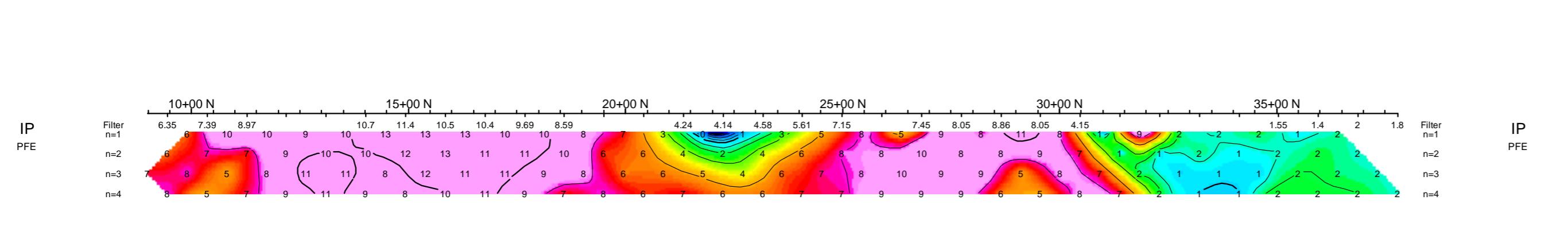


Resistivity  
(ohm-m)



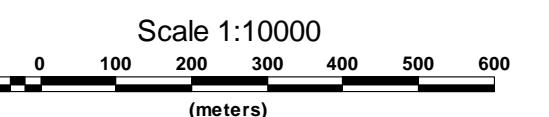
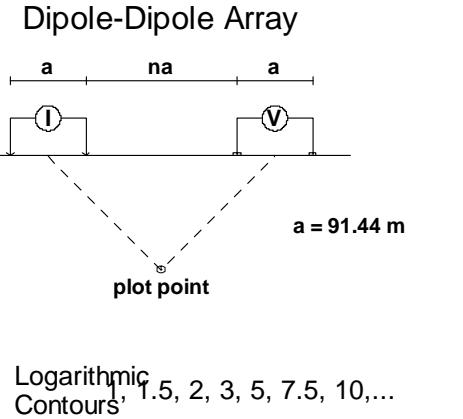
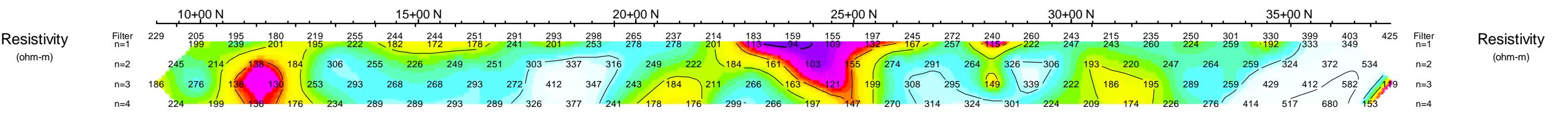
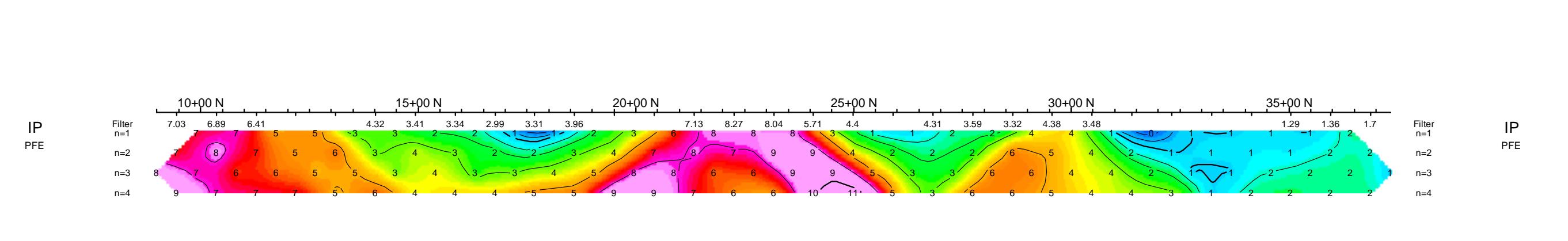
REDHILL RESOURCES CORP.  
INDUCED POLARIZATION SURVEY  
SAT PROPERTY  
GRANISLE, BRITISH COLUMBIA  
Date: JUNE 2014  
PETER E. WALCOTT & ASSOCIATES LIMITED

64+00 E



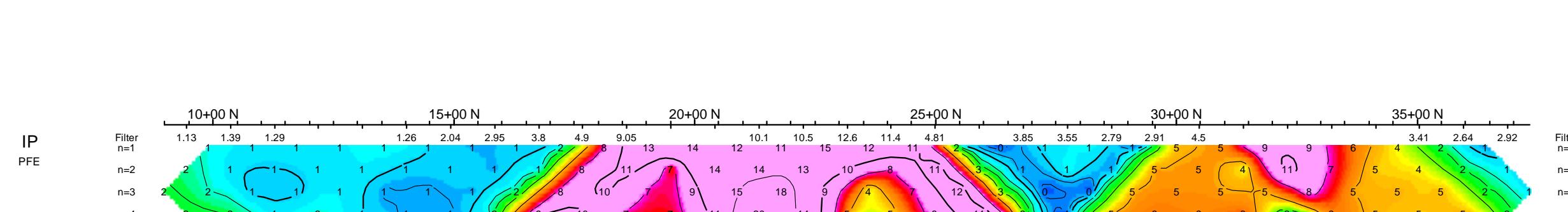
REDHILL RESOURCES CORP.  
INDUCED POLARIZATION SURVEY  
SAT PROPERTY  
GRANISLE, BRITISH COLUMBIA  
Date: JUNE 2014  
PETER E. WALCOTT & ASSOCIATES LIMITED

72+00 E



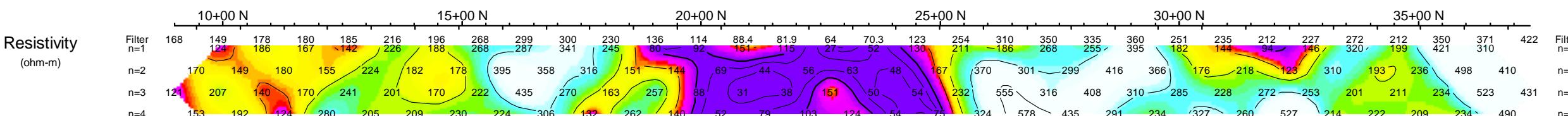
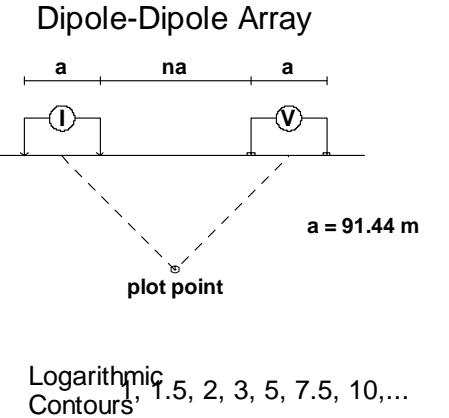
REDHILL RESOURCES CORP.  
INDUCED POLARIZATION SURVEY  
SAT PROPERTY  
GRANISLE, BRITISH COLUMBIA  
Date: JUNE 2014  
PETER E. WALCOTT & ASSOCIATES LIMITED

30+00 E



P  
FE

stivity  
(m-m)



Scale 1:10000

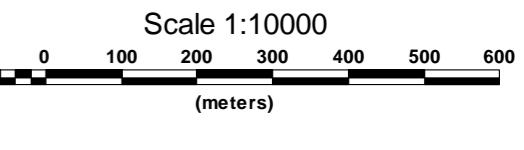
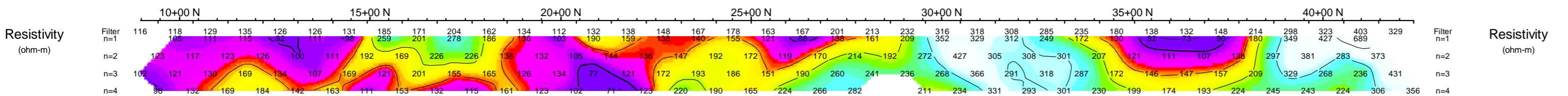
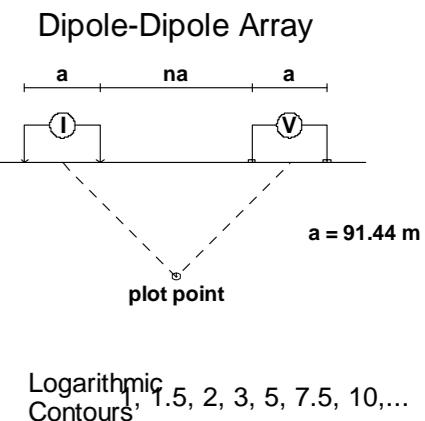
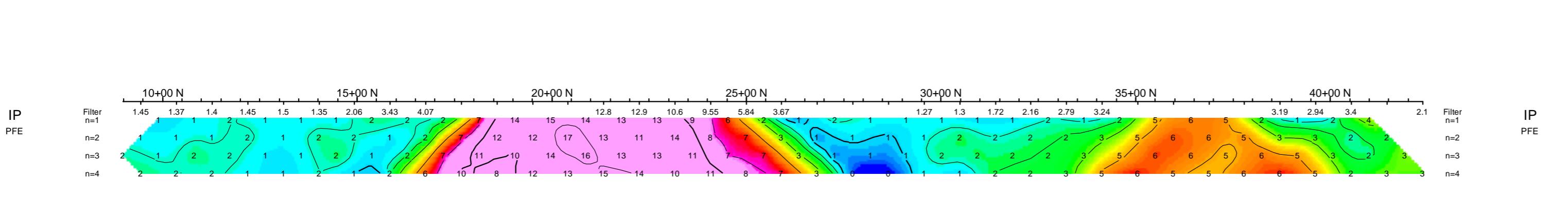
0 100 200 300 400 500 600

**REDHILL RESOURCES CORP.  
DUCED POLARIZATION SURVEY  
SAT PROPERTY  
GRANVILLE BRITISH COLUMBIA**

Date: JUNE 2014

TER E. WALCOTT & ASSOCIATES LIMITED

88+00 E



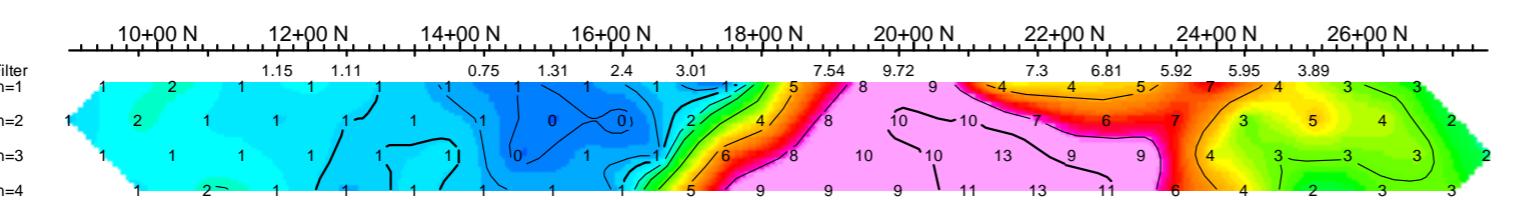
**EDHILL RESOURCES CORP.**  
**UCED POLARIZATION SURVEY**  
**SAT PROPERTY**  
**GRANVILLE, BRITISH COLUMBIA**

to: LINE 2014

PETER E. WALCOTT & ASSOCIATES LIMITED

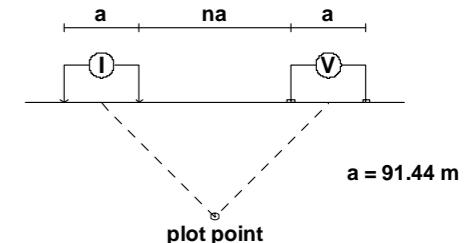
96+01 E

IP  
PFE



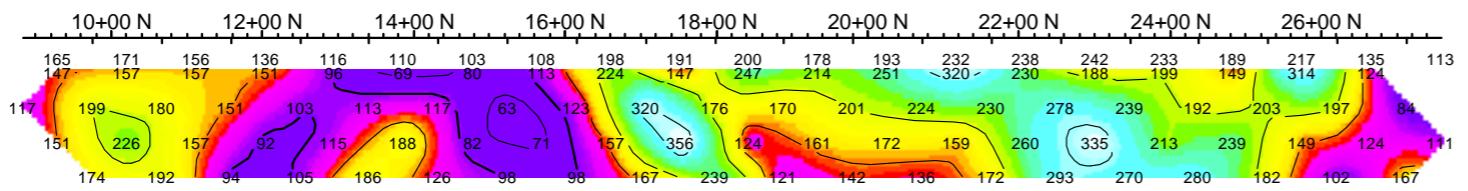
IP  
PFE

Dipole-Dipole Array

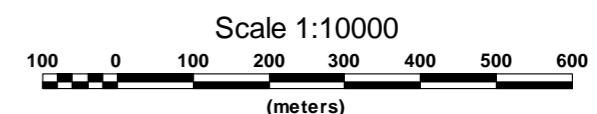


Logarithmic  
Contours  
1, 1.5, 2, 3, 5, 7.5, 10,...

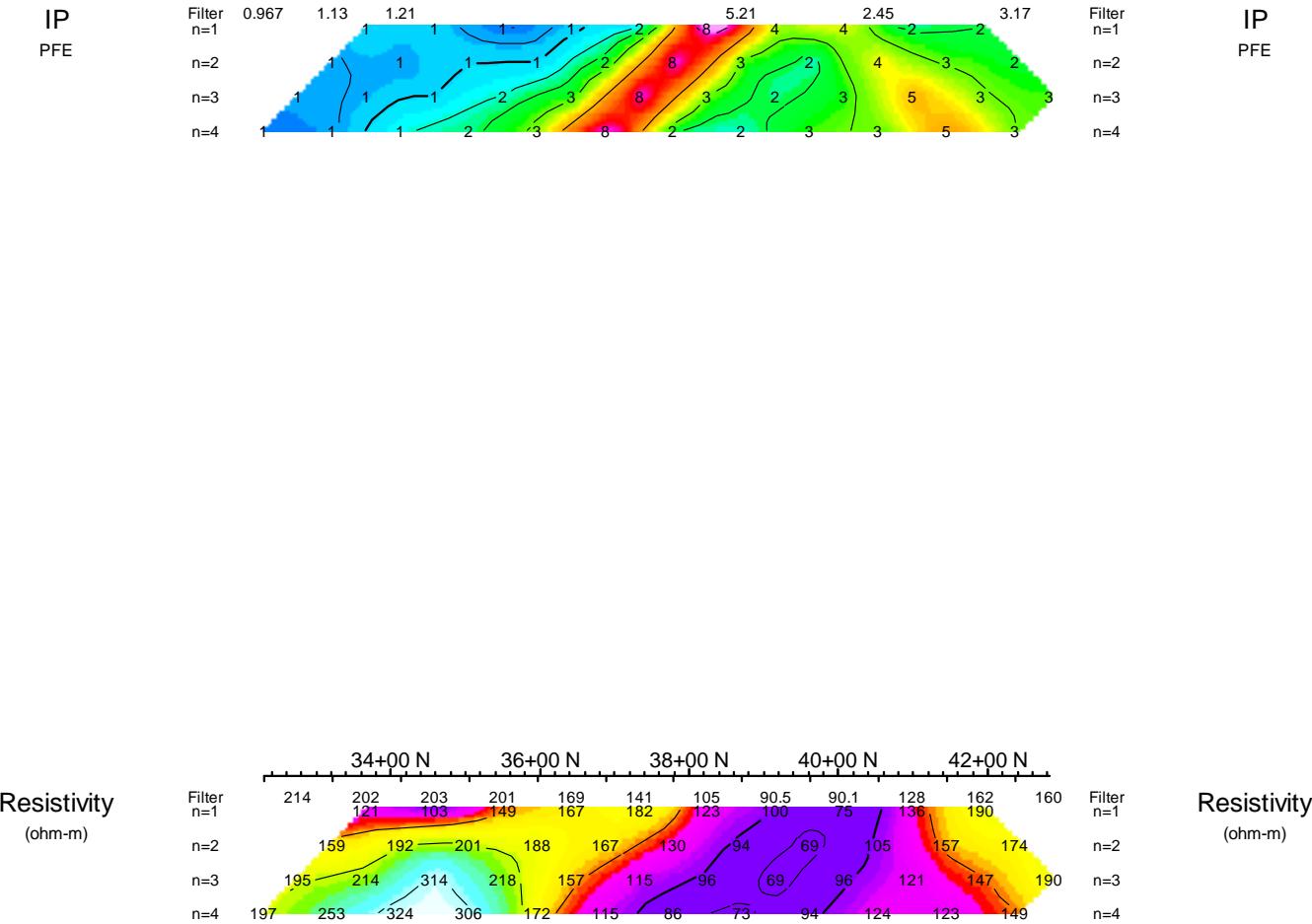
Resistivity  
(ohm-m)



Resistivity  
(ohm-m)

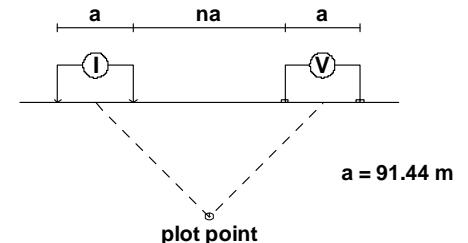


REDHILL RESOURCES CORP.  
INDUCED POLARIZATION SURVEY  
SAT PROPERTY  
GRANISLE, BRITISH COLUMBIA  
Date: JUNE 2014  
PETER E. WALCOTT & ASSOCIATES LIMITED



96+02 E

## Dipole-Dipole Array



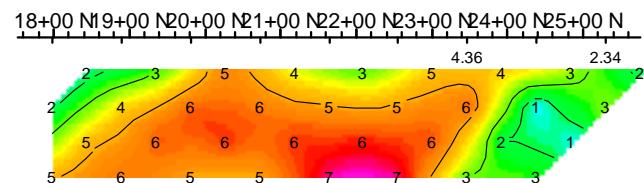
Logarithmic  
Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

A scale bar representing a distance of 600 meters at a scale of 1:10000. The bar is divided into six segments of 100 meters each, with labels at 100, 200, 300, 400, 500, and 600. A checkered pattern is at the left end.

**REDHILL RESOURCES CORP.  
INDUCED POLARIZATION SURVEY  
SAT PROPERTY  
GRANISLE, BRITISH COLUMBIA**

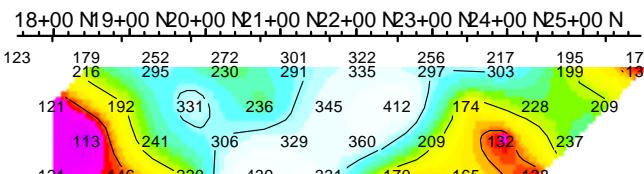
104+00 E

IP  
PFE



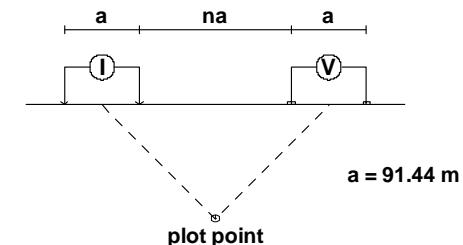
IP  
PFE

Resistivity  
(ohm-m)

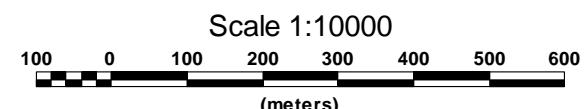


Resistivity  
(ohm-m)

Dipole-Dipole Array

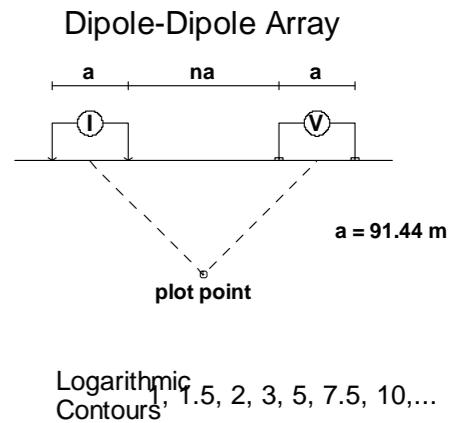
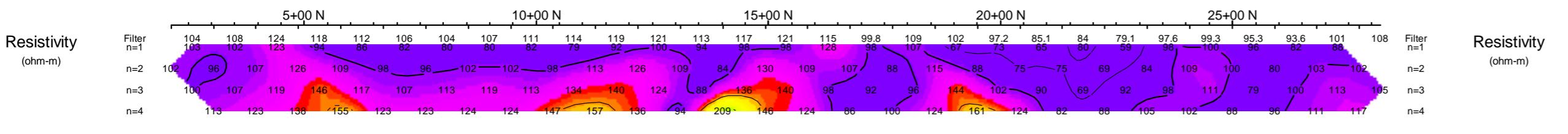
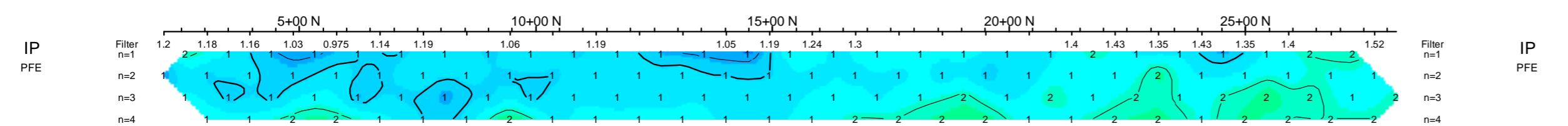


Logarithmic  
1, 1.5, 2, 3, 5, 7.5, 10,...  
Contours



REDHILL RESOURCES CORP.  
INDUCED POLARIZATION SURVEY  
SAT PROPERTY  
GRANISLE, BRITISH COLUMBIA  
Date: JUNE 2014  
PETER E. WALCOTT & ASSOCIATES LIMITED

120+00 E



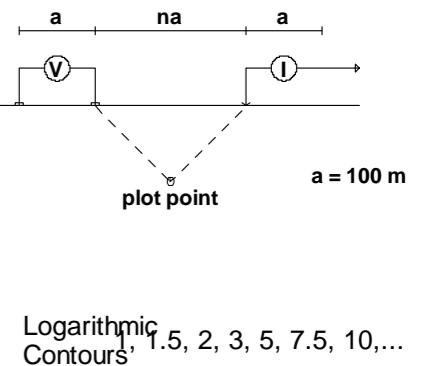
Scale 1:10000

A horizontal scale bar with tick marks at 100, 200, 300, 400, 500, and 600. The labels are in black text below the bar. The word '(meters)' is centered below the bar.

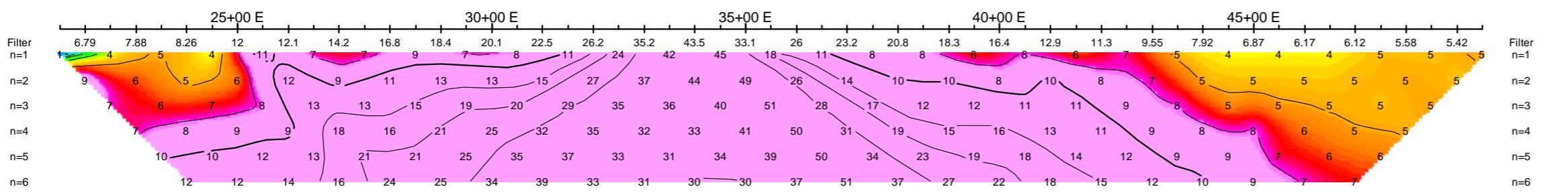
**REDHILL RESOURCES CORP.**  
**INDUCED POLARIZATION SURVEY**  
**SAT PROPERTY**  
**GRANISLE, BRITISH COLUMBIA**

92+00 N

Dipole-Pole Array



IP PFE



IP PFE

Calculated Resistivity

Ohm\*m

Filter

n=1

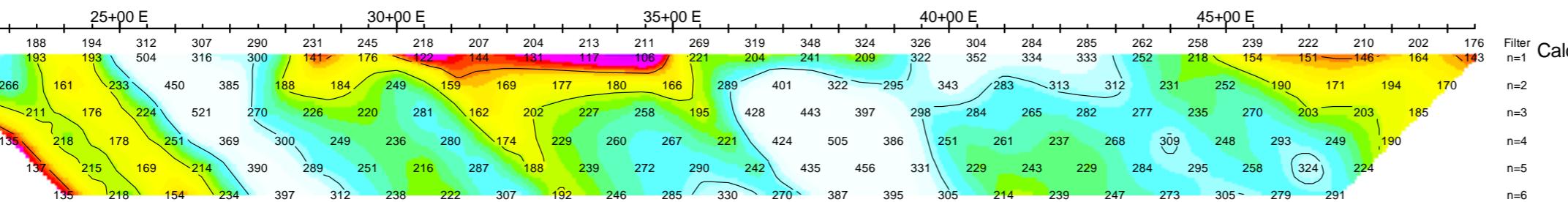
n=2

n=3

n=4

n=5

n=6



Calculated Resistivity  
Ohm\*m

Filter  
n=1

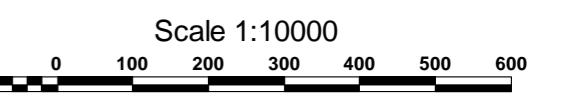
n=2

n=3

n=4

n=5

n=6



REDHILL RESOURCES CORP.

INDUCED POLARIZATION SURVEY

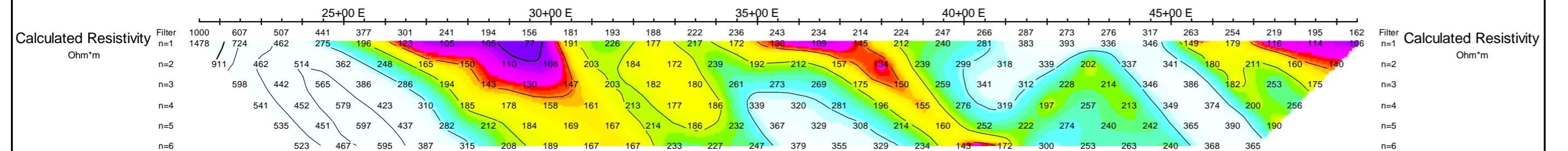
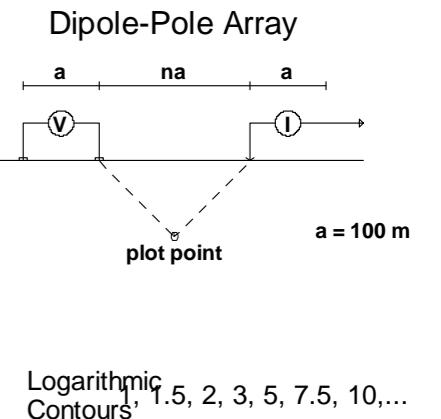
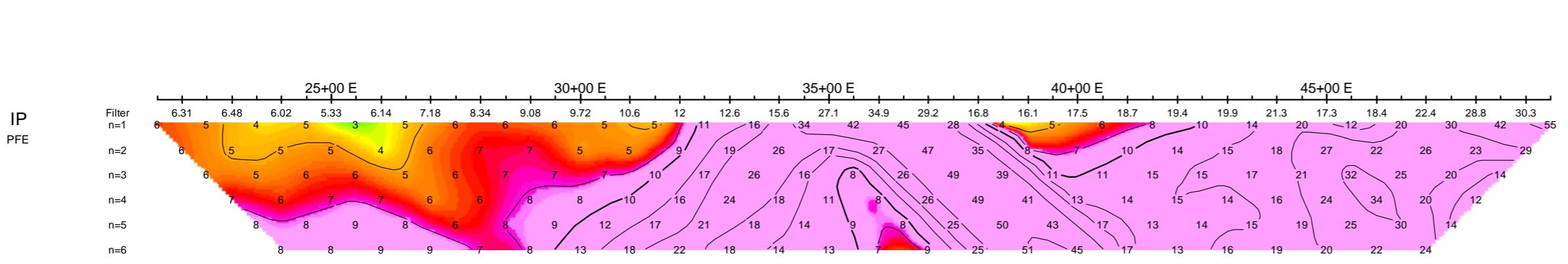
SAT PROPERTY

GRANISLE, BRITISH COLUMBIA

Date: JUNE 2014

PETER E. WALCOTT & ASSOCIATES LIMITED

96+00 N

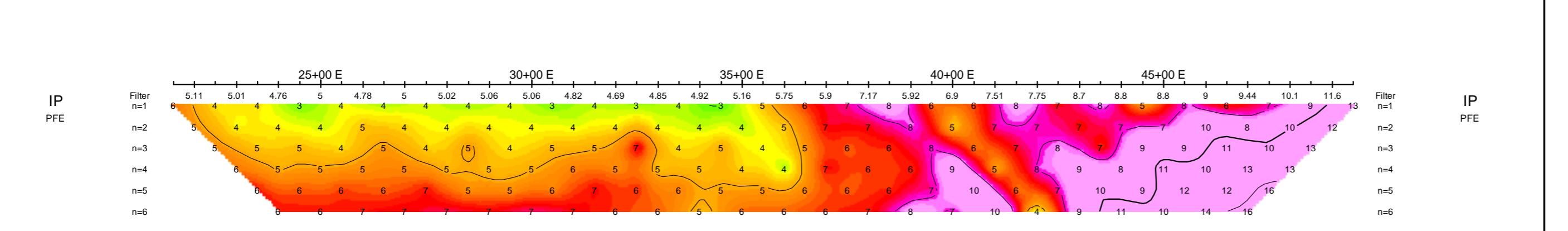


Scale 1:10000

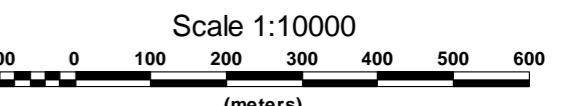
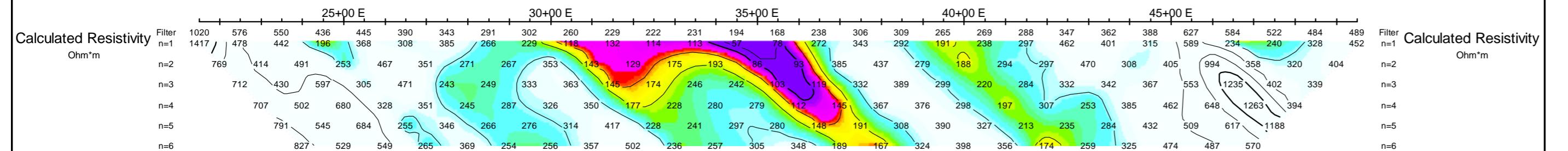
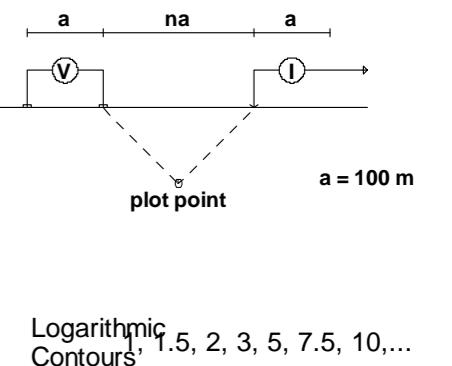
**REDHILL RESOURCES CORP.**  
**DUCTED POLARIZATION SURVEY**  
**SAT PROPERTY**  
**GRANVILLE BRITISH COLUMBIA**

PETER E. WALCOTT & ASSOCIATES LIMITED

100+00 N



Dipole-Pole Array



REDHILL RESOURCES CORP.

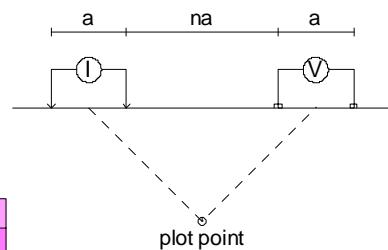
INDUCED POLARIZATION SURVEY  
SAT PROPERTY  
GRANISLE, BRITISH COLUMBIA

Date: JUNE 2014

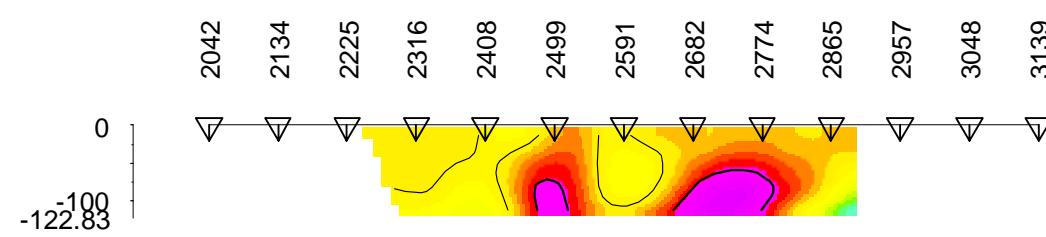
PETER E. WALCOTT & ASSOCIATES LIMITED

Line 4800

Dipole-Dipole Array



Modelled Resistivity (Ohm-m)



Elevation (metres)

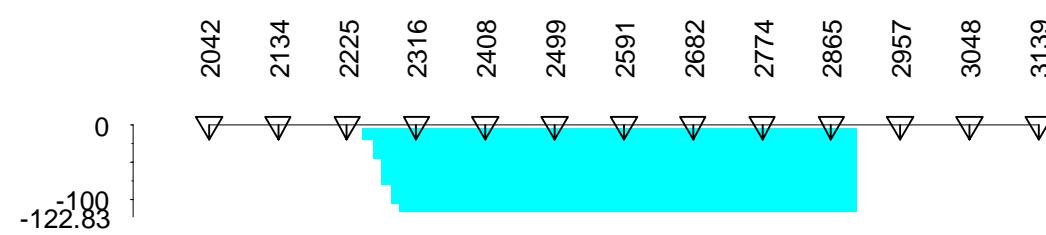
7.79  
7.59  
7.38  
7.18  
6.97  
6.77  
6.56  
6.36  
6.15  
5.95  
5.74  
5.54  
5.33  
5.13  
4.92  
4.72  
4.51  
4.31  
4.10  
3.90  
3.69  
3.49  
3.28  
3.08  
2.87  
2.67  
2.46  
2.26  
2.05  
1.85  
1.64  
1.44  
1.23  
1.03  
0.82  
0.62  
0.41  
0.21

Modelled Chargeability PFE

693.68  
619.68  
553.58  
494.52  
441.77  
394.64  
352.54  
314.93  
281.33  
251.32  
224.51  
200.56  
179.17  
160.05  
142.98  
127.73  
114.10  
101.93  
91.05  
81.34  
72.66  
64.91  
57.99  
51.80

Modelled Resistivity ohm-m

Modelled Chargeability (mV/V)



Elevation (metres)

Scale 1:10000

100 0 100 200 300 400 500  
(meters)

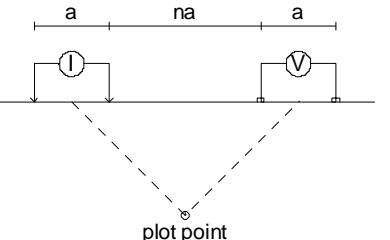
REDHILL RESOURCES CORP.  
INDUCED POLARIZATION SURVEY  
SAT PROJECT

Date: MARCH 2014  
RES2DINV

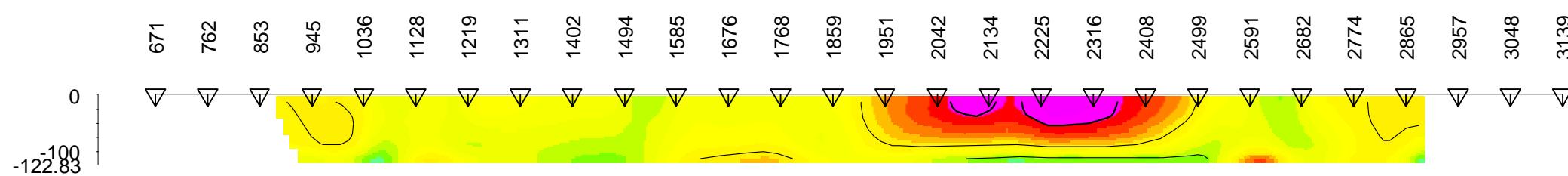
Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED

Line 5700

Dipole-Dipole Array

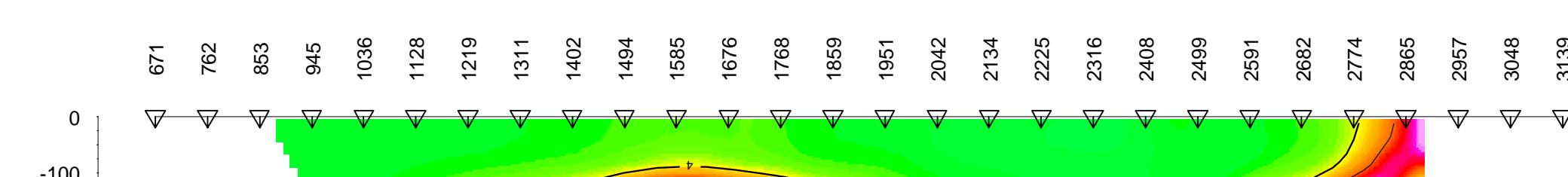


Modelled Resistivity (Ohm-m)

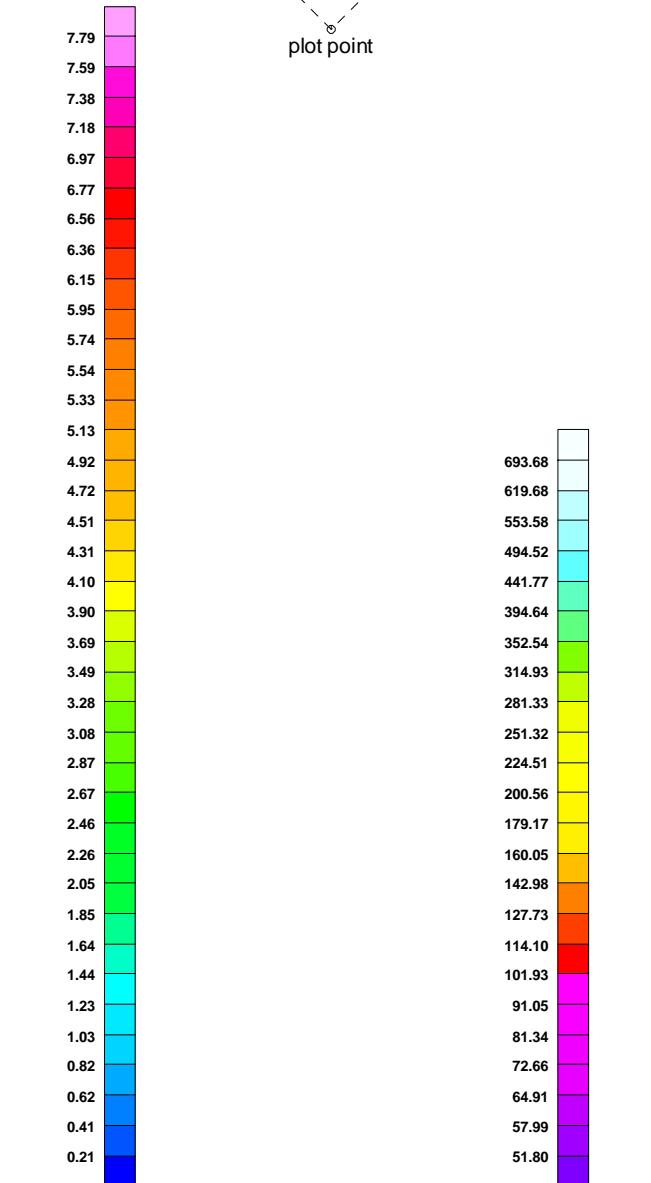


Elevation (metres)

Modelled Chargeability (mV/V)



Elevation (metres)



Scale 1:10000

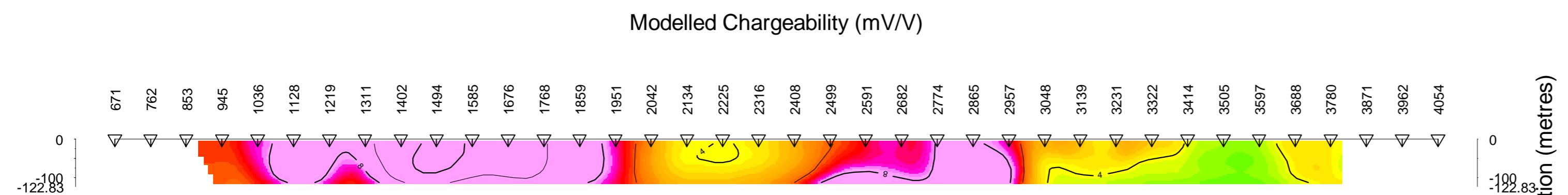
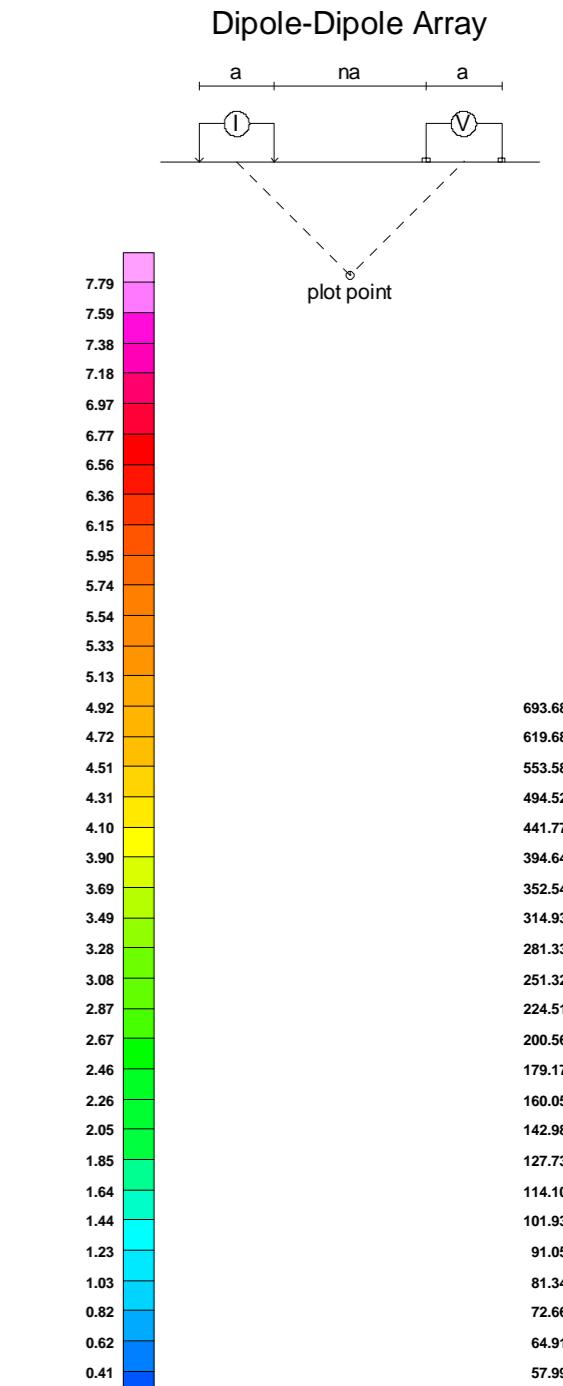
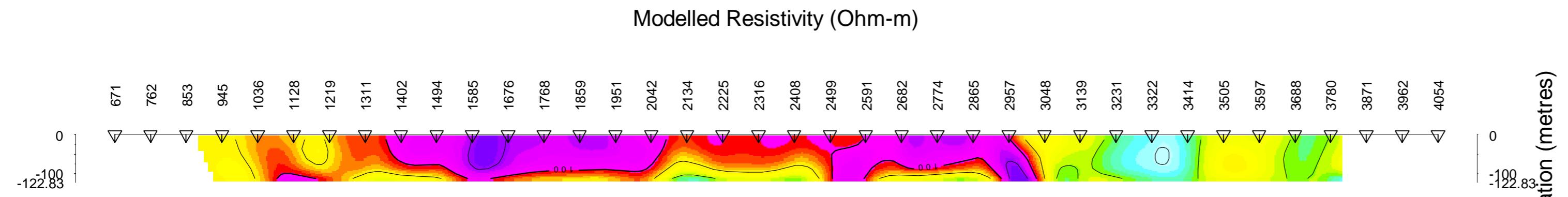
100 0 100 200 300 400 500 600 700  
(meters)

**REDHILL RESOURCES CORP.**  
INDUCED POLARIZATION SURVEY  
SAT PROJECT

Date: MARCH 2014  
RES2DINV

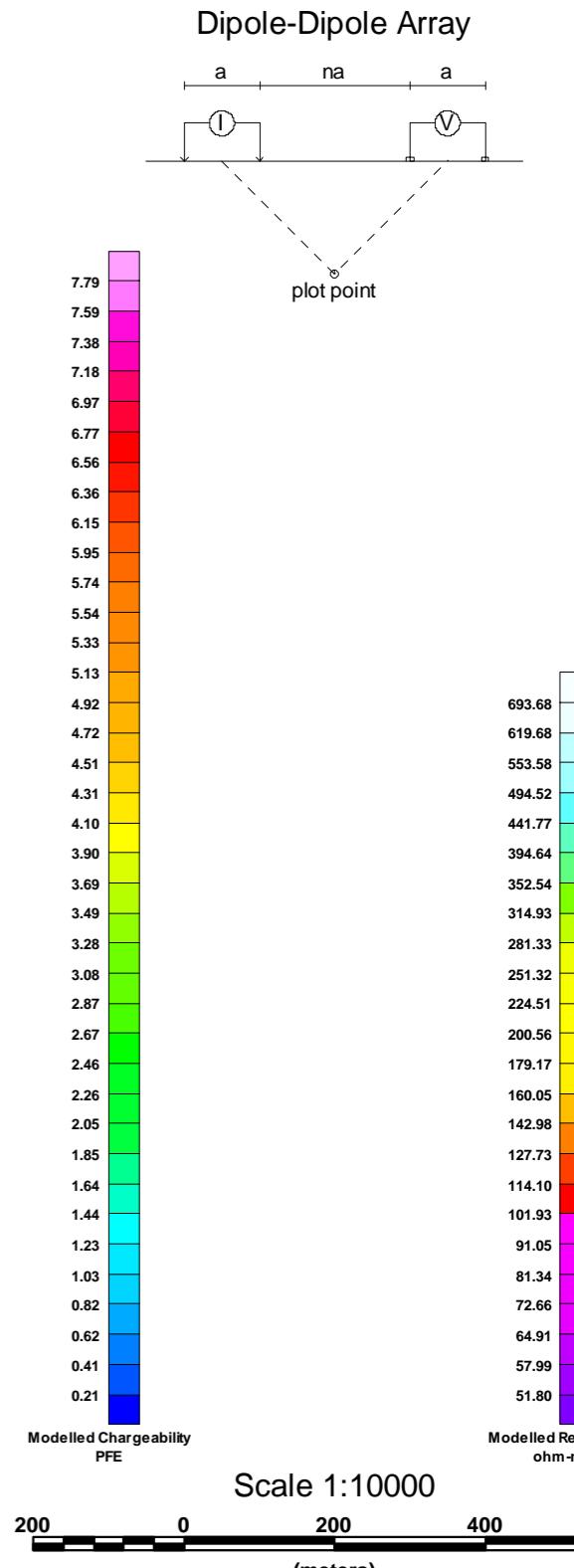
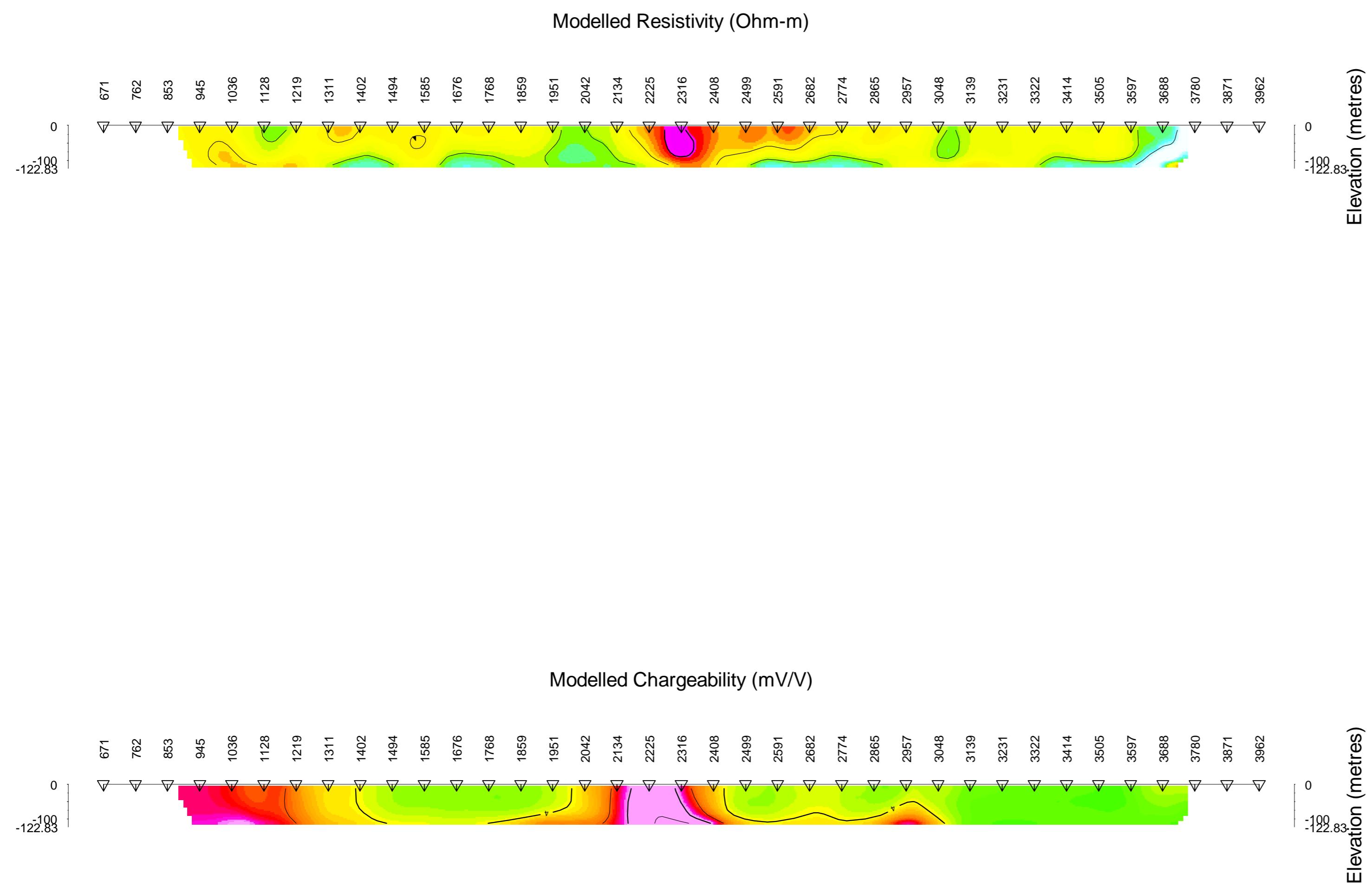
Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED

Line 6400



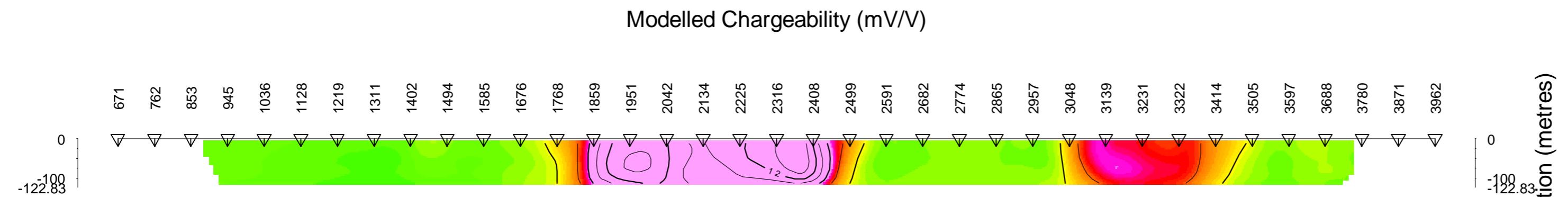
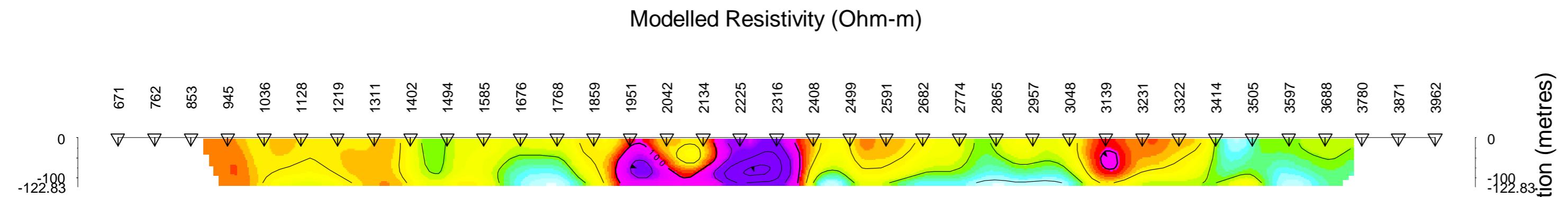
REDHILL RESOURCES CORP.  
INDUCED POLARIZATION SURVEY  
SAT PROJECT  
Date: MARCH 2014  
RES2DINV  
Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED

Line 7200

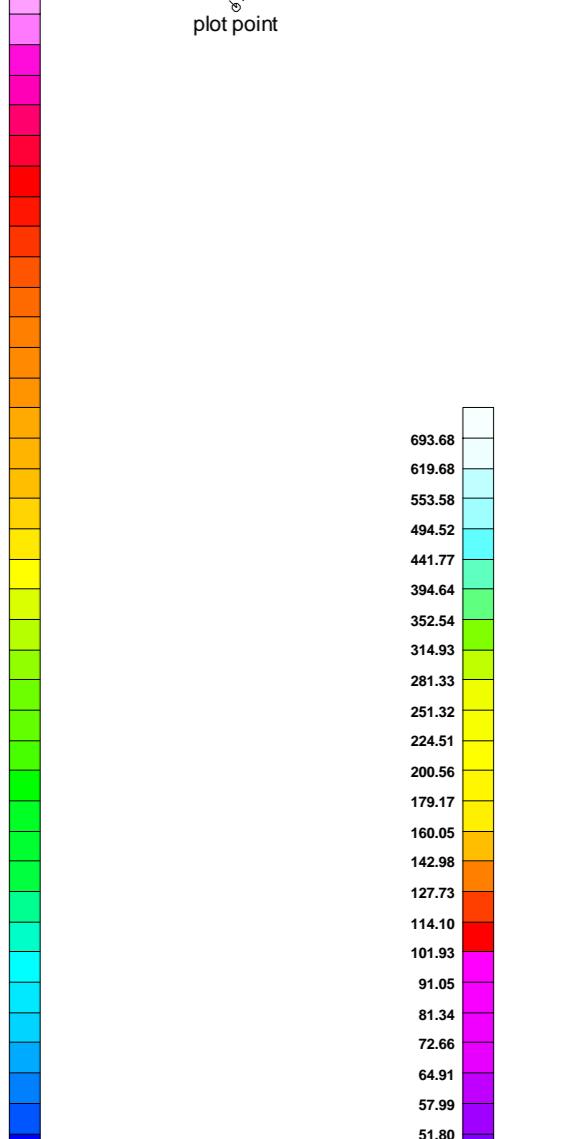
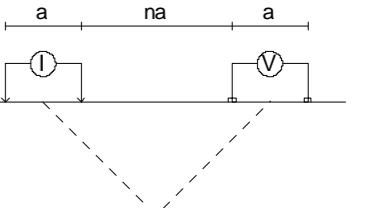


REDHILL RESOURCES CORP.  
INDUCED POLARIZATION SURVEY  
SAT PROJECT  
Date: MARCH 2014  
RES2DINV  
Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED

Line 8000



Dipole-Dipole Array



Scale 1:10000

200 0 200 400 600  
(meters)

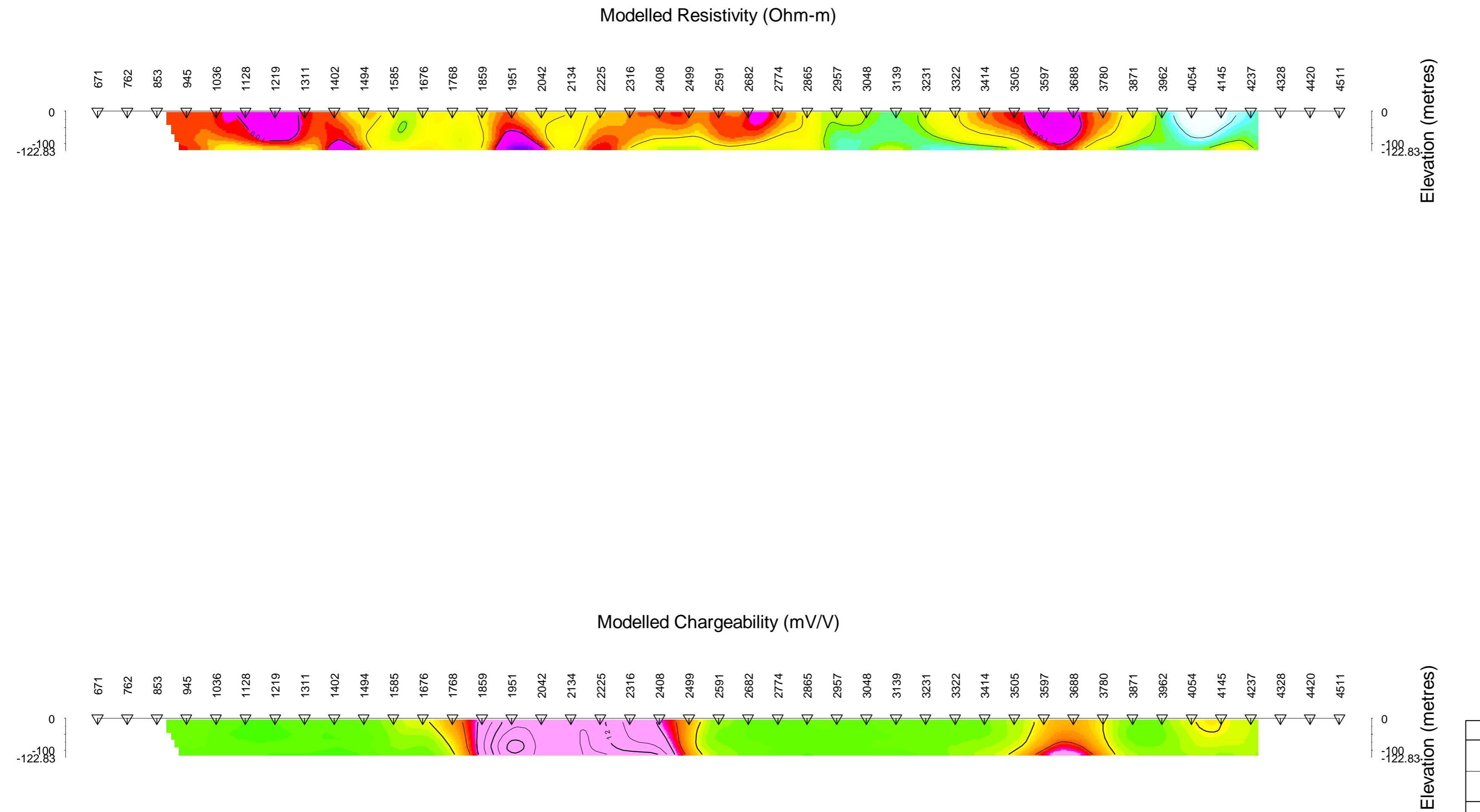
REDHILL RESOURCES CORP.

INDUCED POLARIZATION SURVEY  
SAT PROJECT

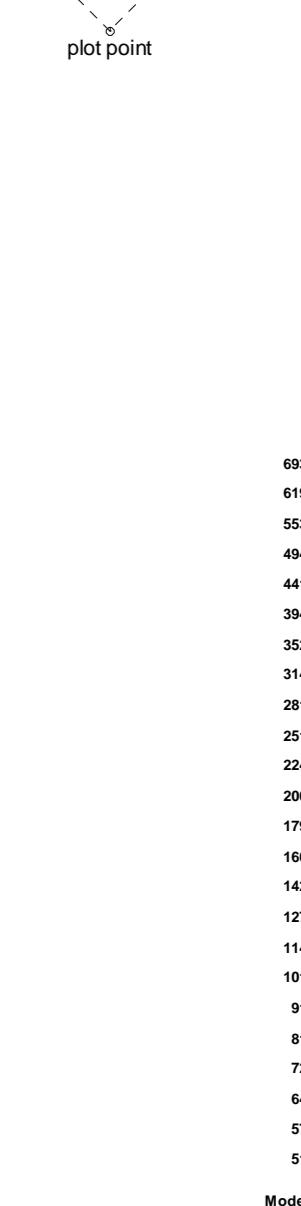
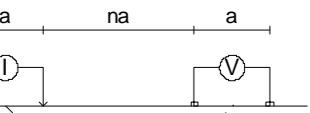
Date: MARCH 2014  
RES2INV

Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED

Line 8800



Dipole-Dipole Array



Scale 1:10000

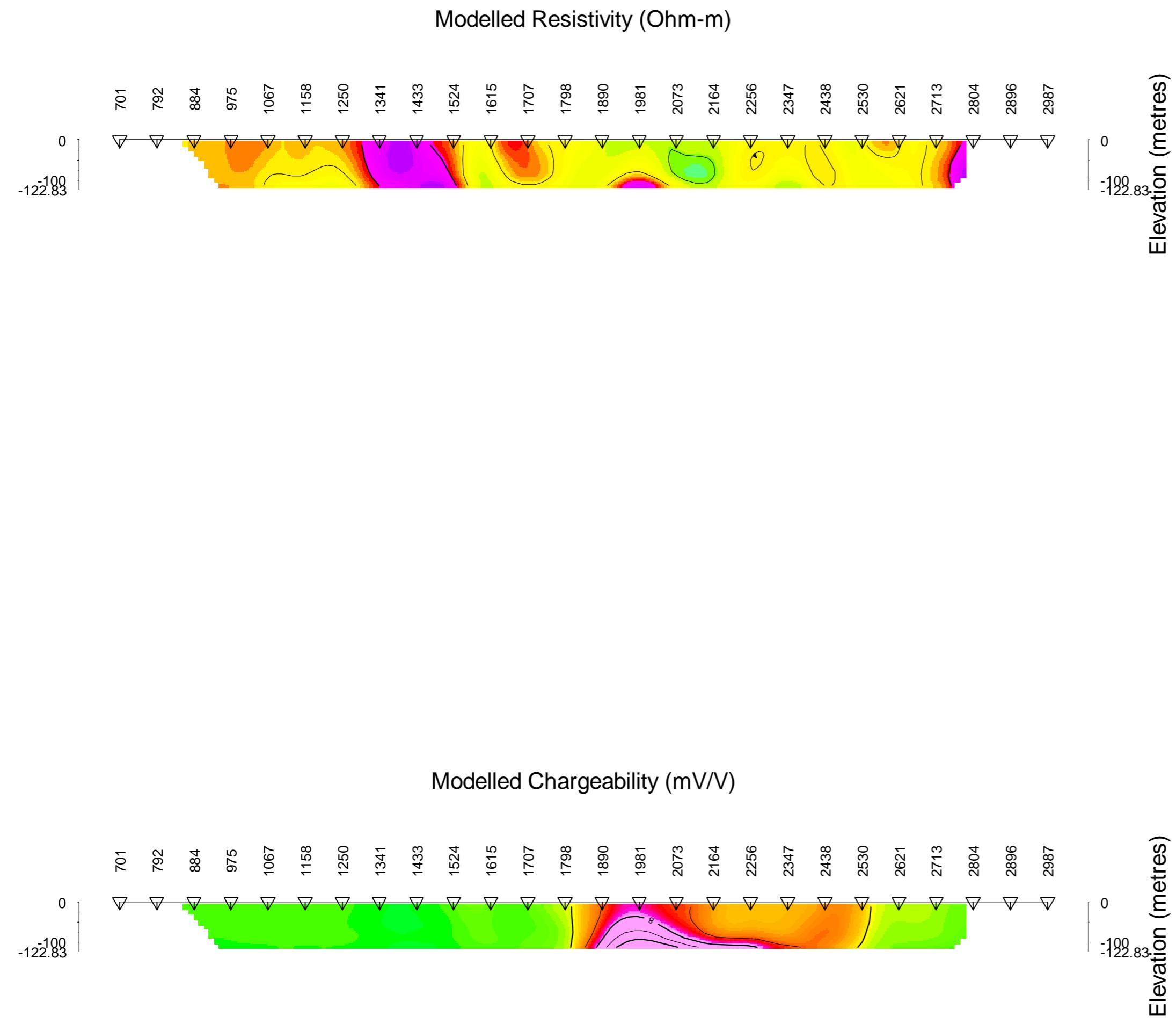
200 0 200 400 600  
(meters)

**REDHILL RESOURCES CORP.**  
INDUCED POLARIZATION SURVEY  
SAT PROJECT

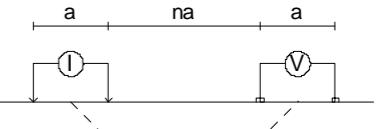
Date: MARCH 2014  
RES2INV

Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED

Line 9601



Dipole-Dipole Array



7.79

7.59

7.38

7.18

6.97

6.77

6.56

6.36

6.15

5.95

5.74

5.54

5.33

5.13

4.92

4.72

4.51

4.31

4.10

3.90

3.69

3.49

3.28

3.08

2.87

2.67

2.46

2.26

2.05

1.85

1.64

1.44

1.23

1.03

0.82

0.62

0.41

0.21

Modelled Chargeability

PFE

Modelled Resistivity

ohm-m

Scale 1:10000

100 0 100 200 300 400 500 600 700  
(meters)

REDHILL RESOURCES CORP.

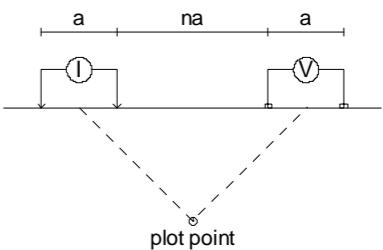
INDUCED POLARIZATION SURVEY  
SAT PROJECT

Date: MARCH 2014  
RES2DINV

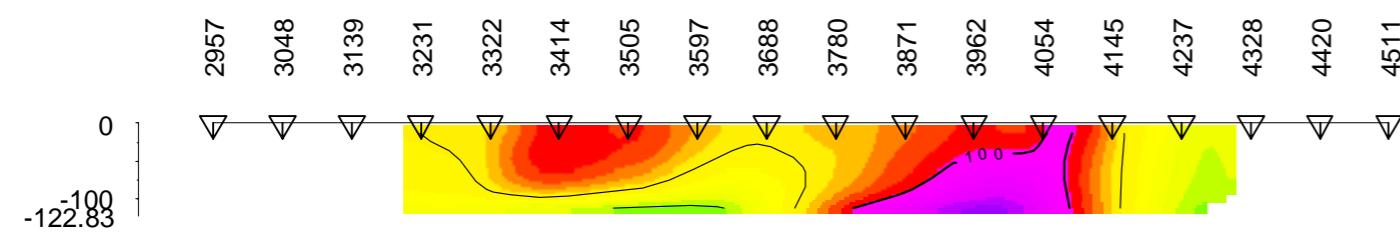
Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED

Line 9602

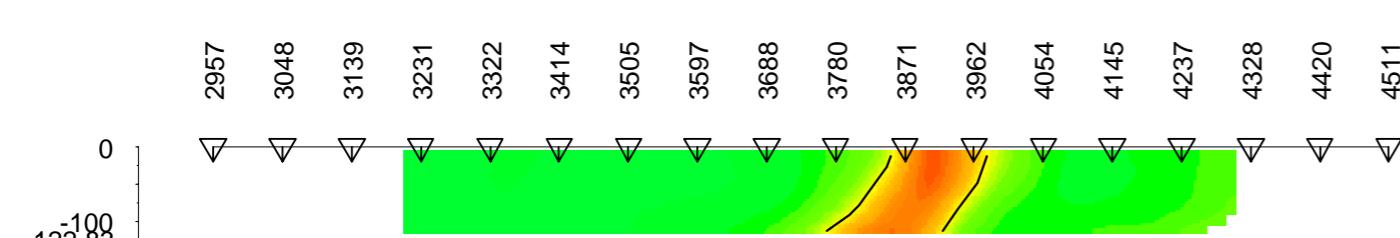
Dipole-Dipole Array



Modelled Resistivity (Ohm-m)



Modelled Chargeability (mV/V)



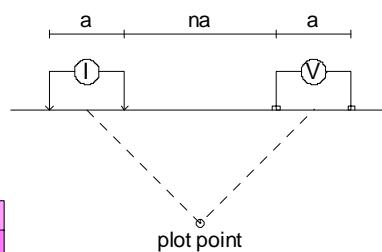
Scale 1:10000  
100 0 100 200 300 400 500 600  
(meters)

REDHILL RESOURCES CORP.  
INDUCED POLARIZATION SURVEY  
SAT PROJECT  
Date: MARCH 2014  
RES2DINV

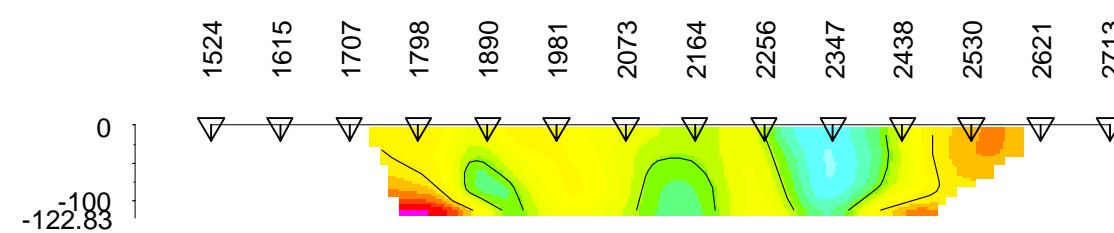
Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED

Line 10400

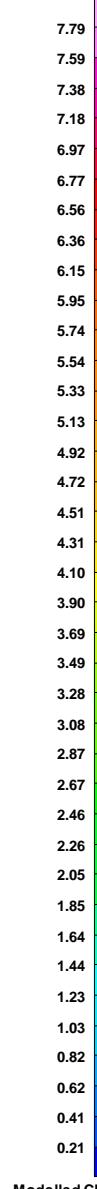
Dipole-Dipole Array



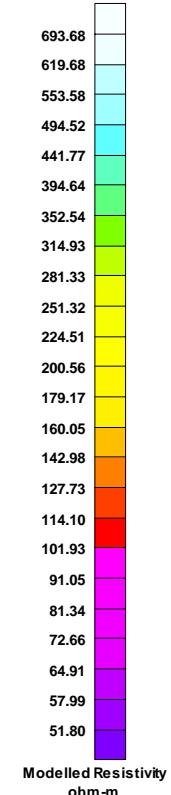
Modelled Resistivity (Ohm-m)



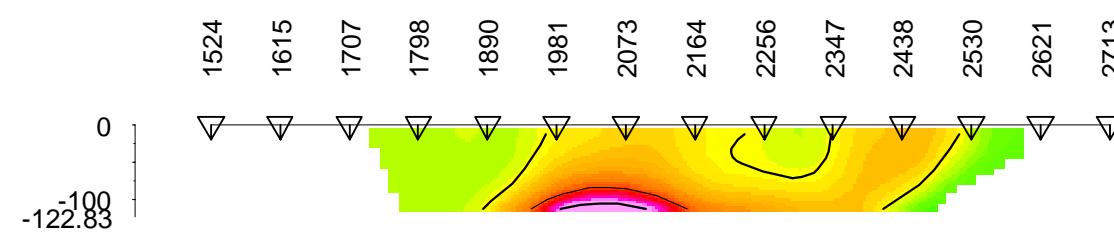
Elevation (metres)



Modelled Chargeability PFE



Modelled Chargeability (mV/V)



Elevation (metres)

Scale 1:10000



(meters)

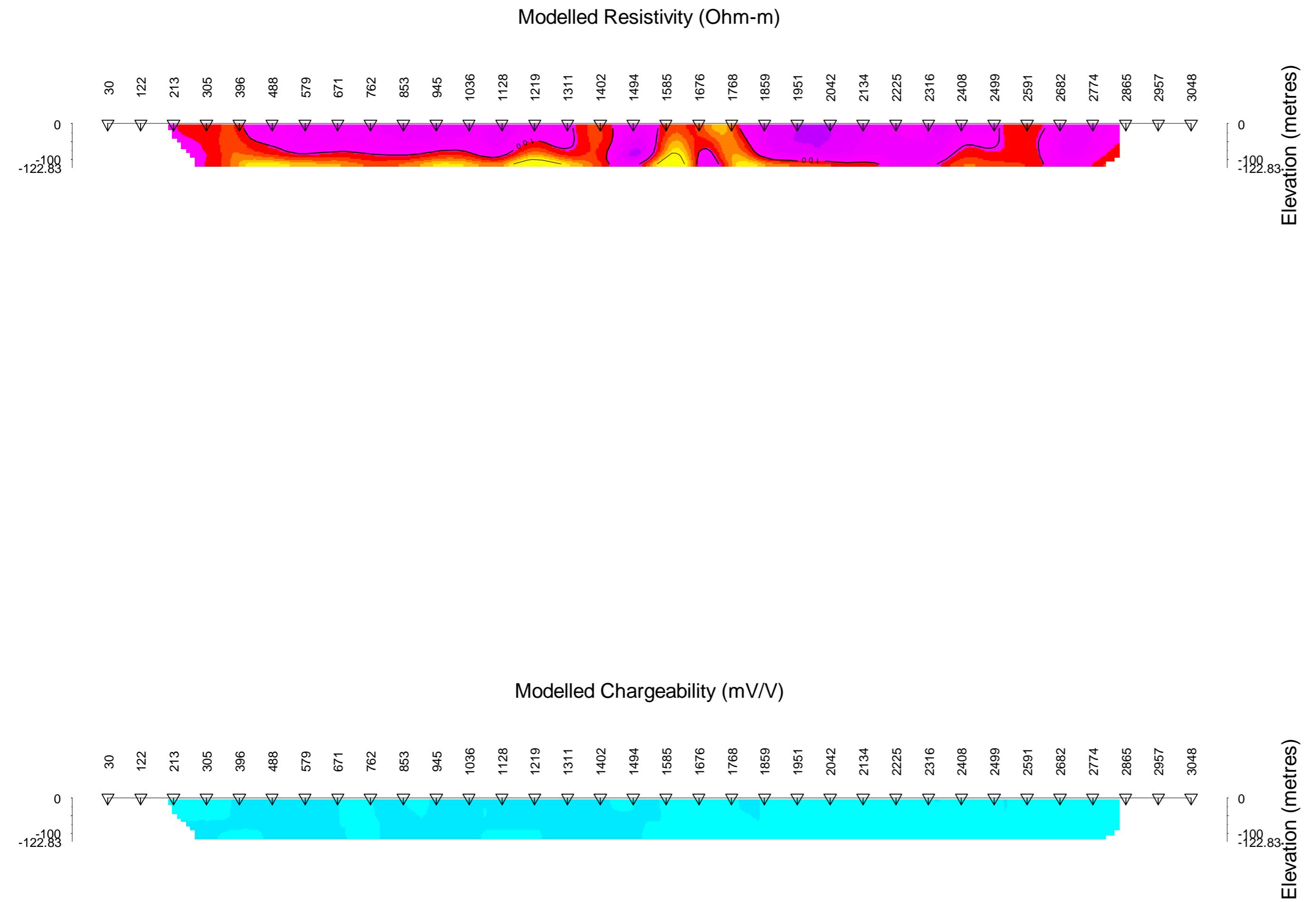
REDHILL RESOURCES CORP.

INDUCED POLARIZATION SURVEY  
SAT PROJECT

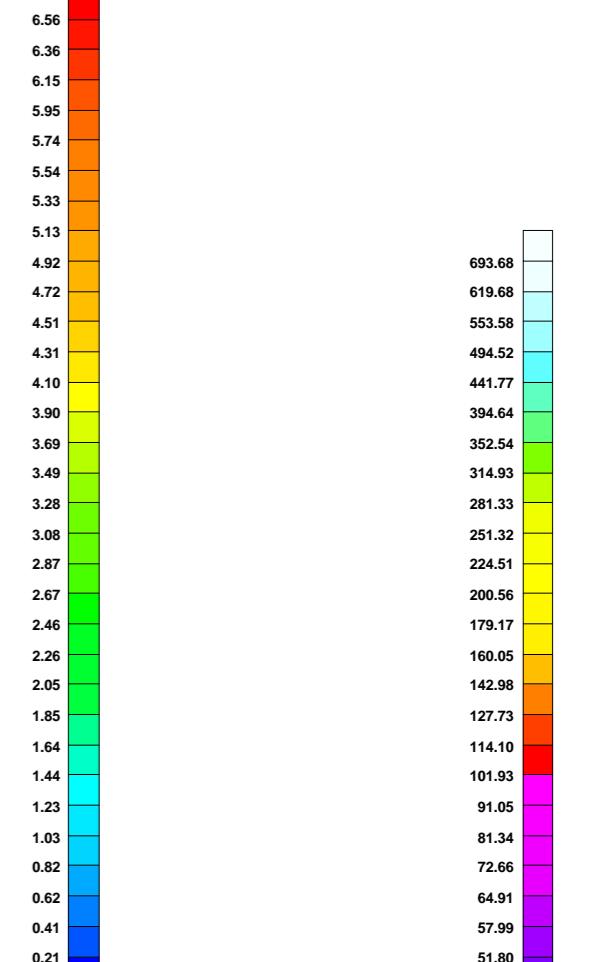
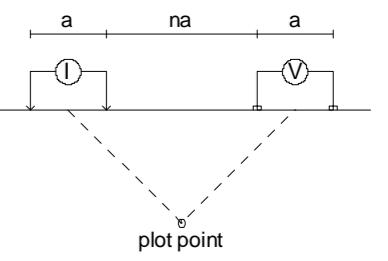
Date: MARCH 2014  
RES2DINV

Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED

Line 12000

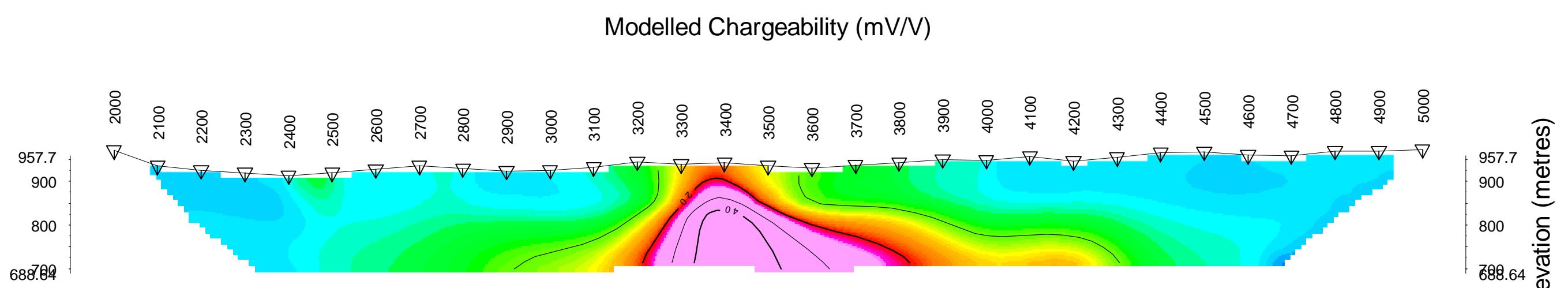
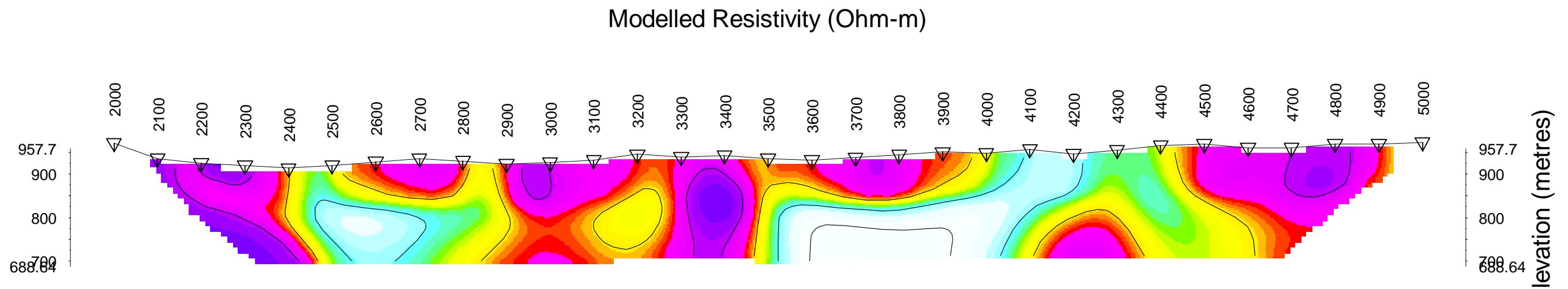


Dipole-Dipole Array

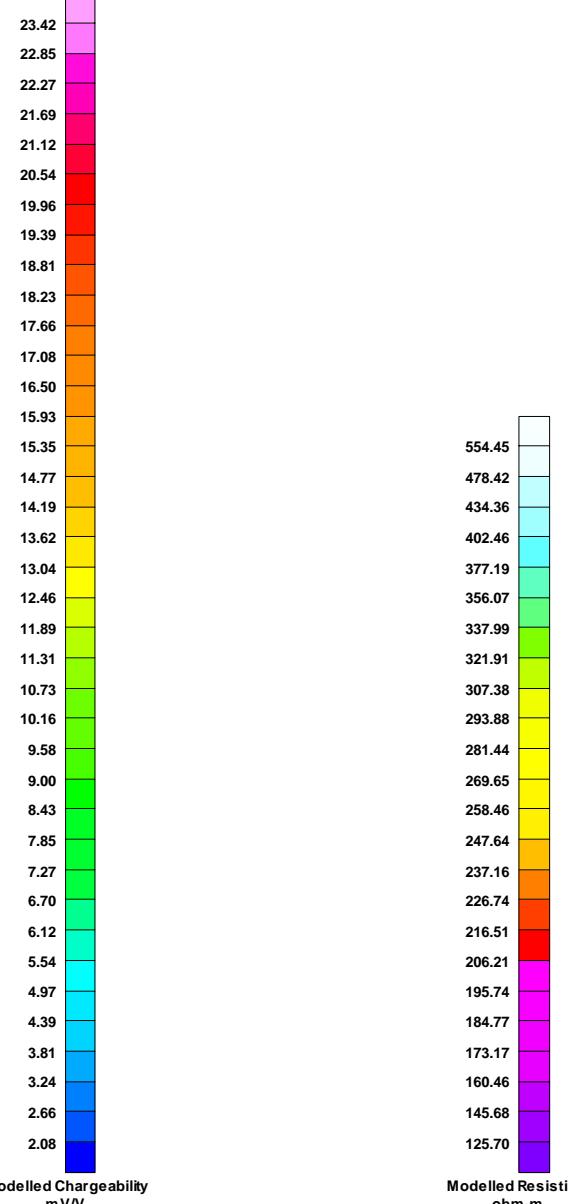
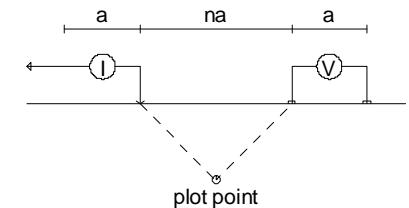


REDHILL RESOURCES CORP.  
INDUCED POLARIZATION SURVEY  
SAT PROJECT  
Date: MARCH 2014  
RES2DINV  
Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED

Line 9200



Pole-Dipole Array



Scale 1:10000

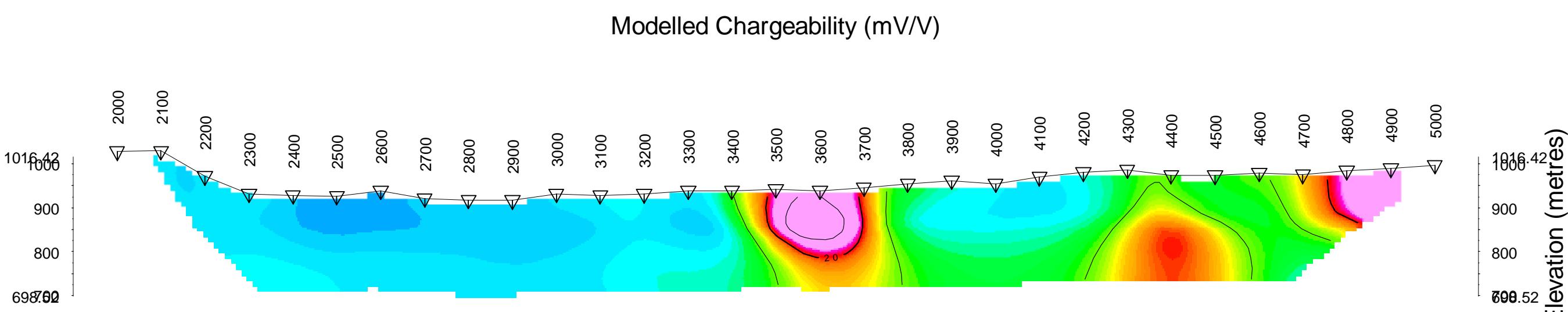
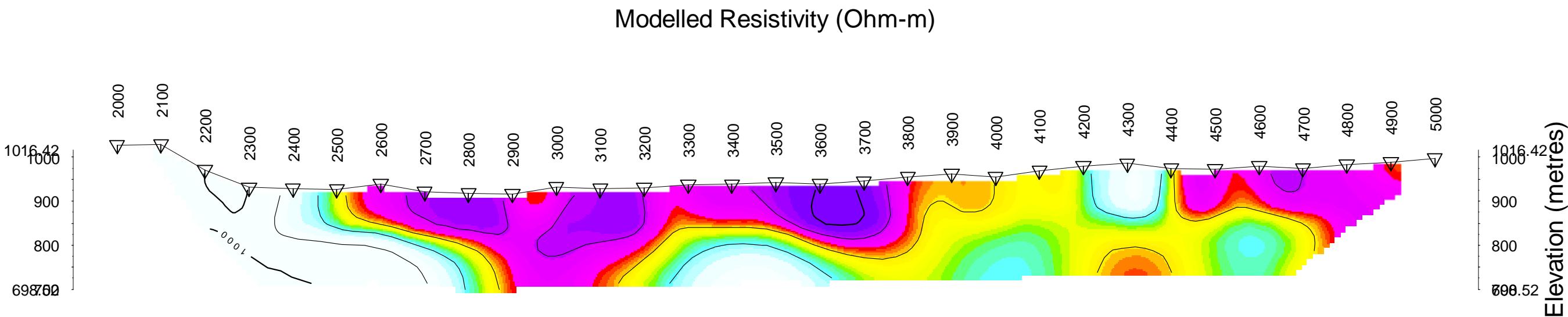
JUNE 2014

RES2DINV

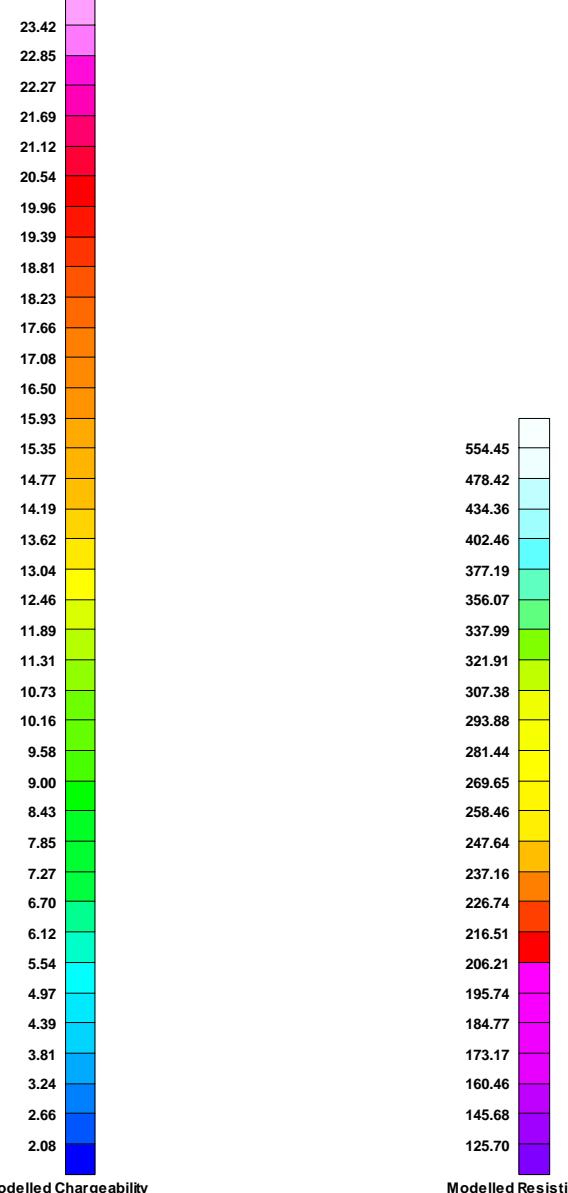
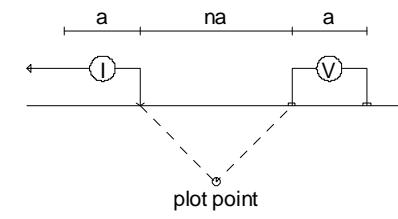
REDHILL RESOURCE CORP.  
INDUCED POLARIZATION SURVEY  
SAT PROPERTY, GRANISLE AREA

Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED

Line 9600



Pole-Dipole Array



Scale 1:10000  
(meters)

REDHILL RESOURCE CORP.

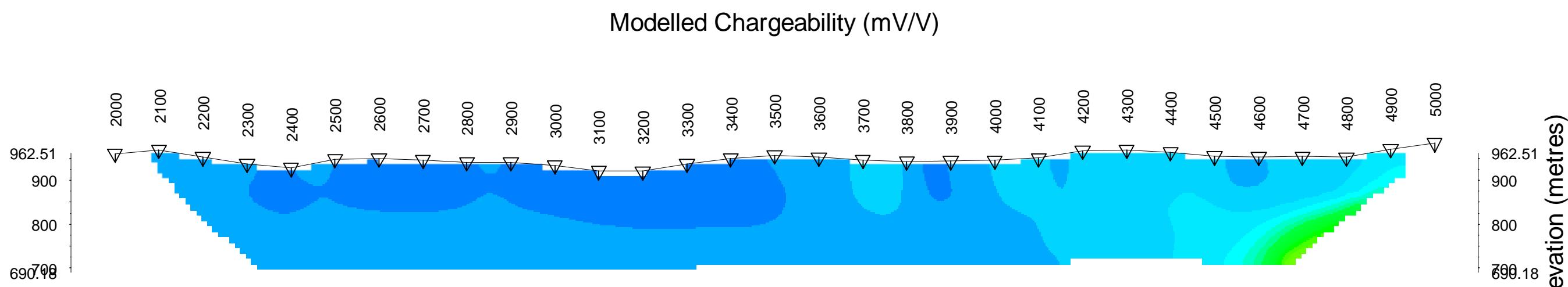
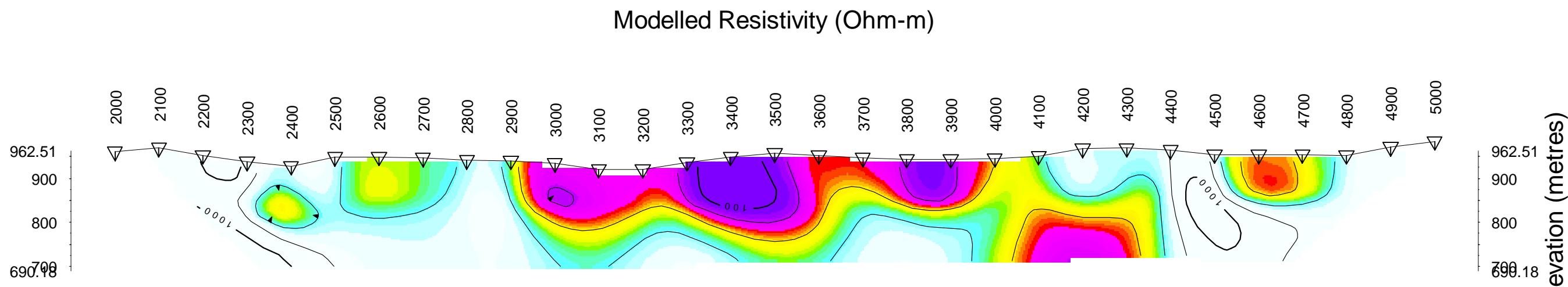
INDUCED POLARIZATION SURVEY  
SAT PROPERTY, GRANISLE AREA

JUNE 2014

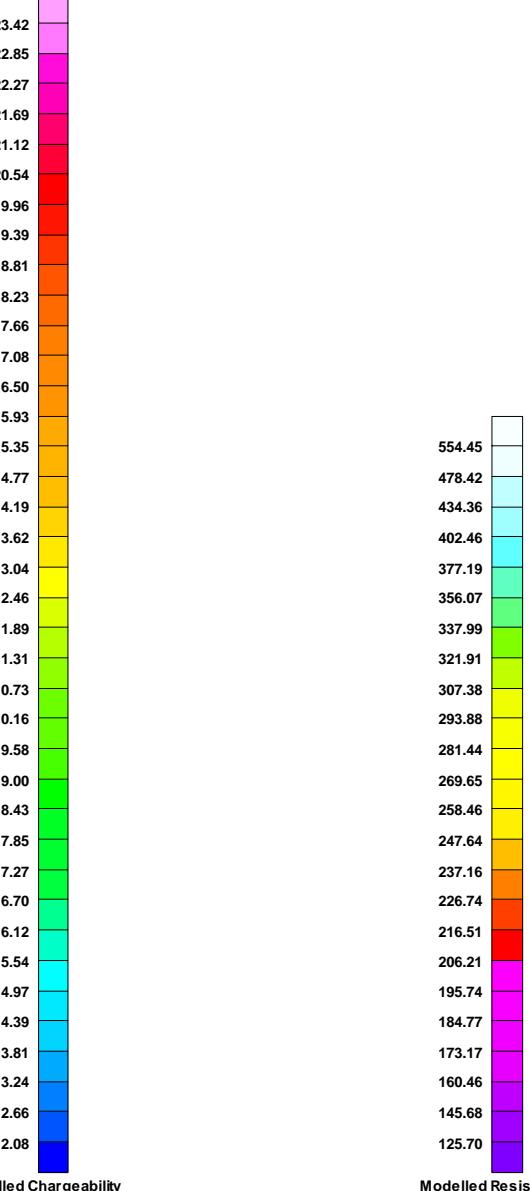
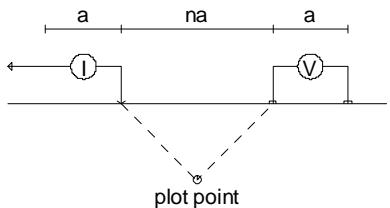
RES2DINV

Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED

Line 10000



Pole-Dipole Array

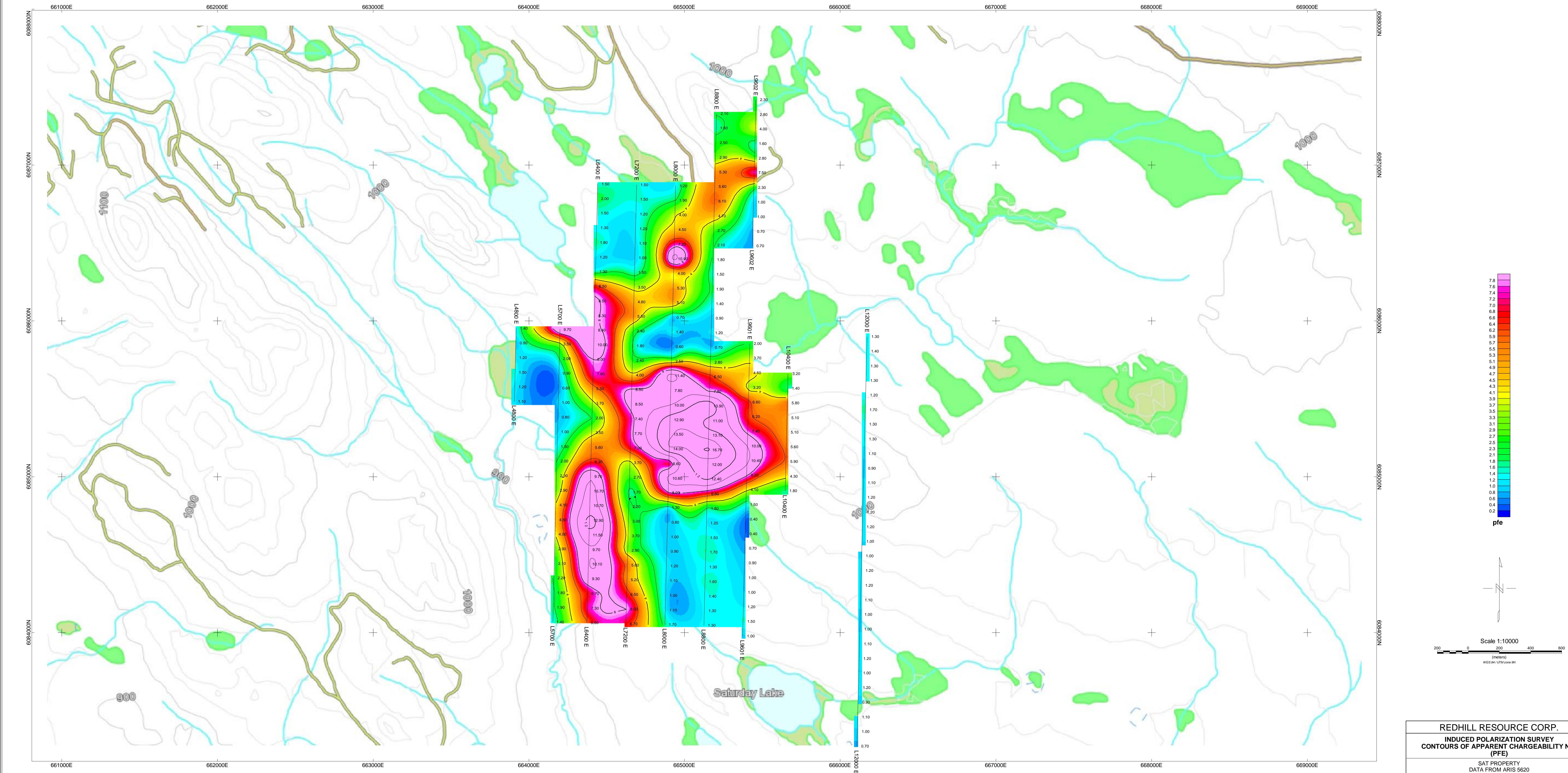


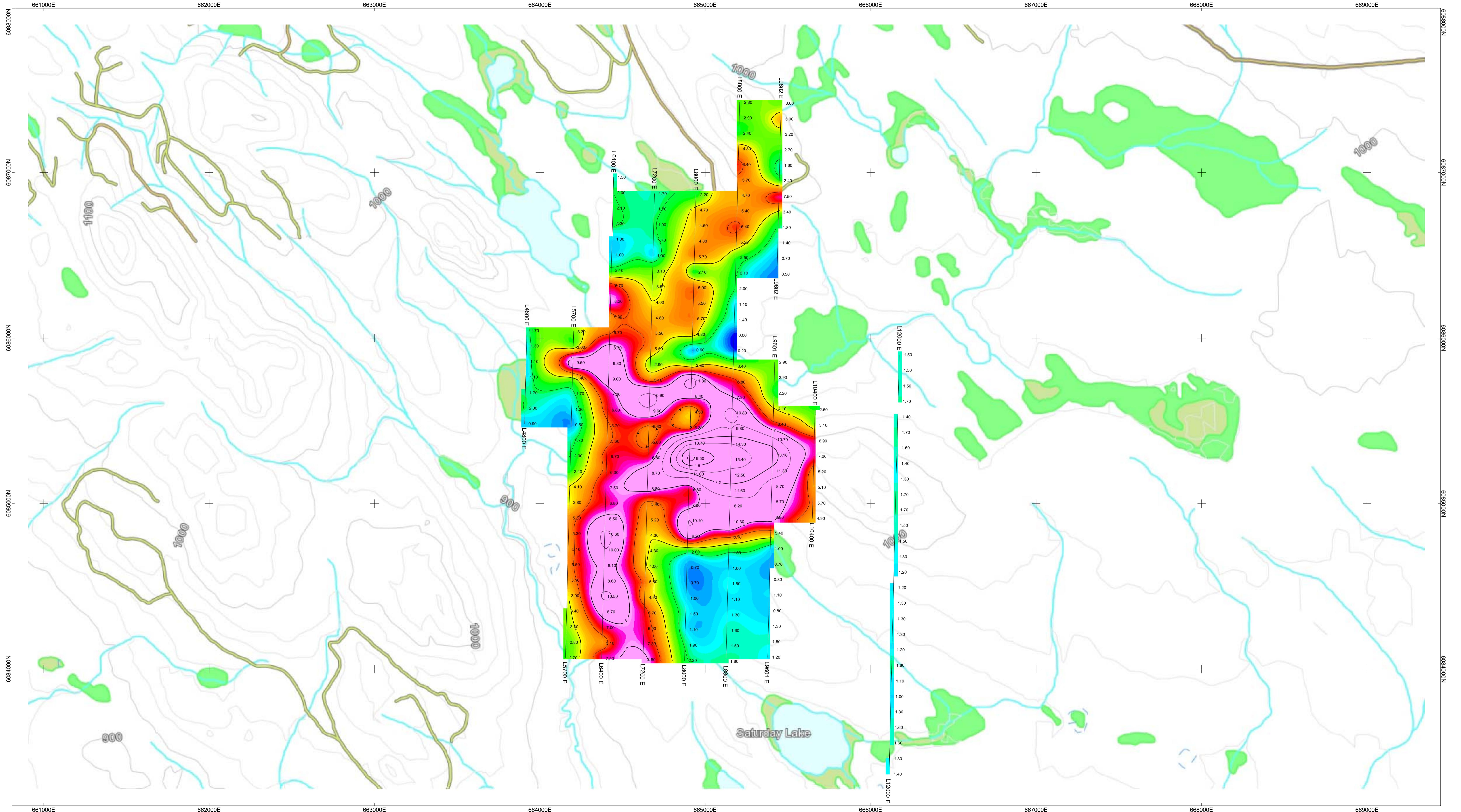
Scale 1:10000

200 0 200 400 600  
(meters)

REDHILL RESOURCE CORP.  
INDUCED POLARIZATION SURVEY  
SAT PROPERTY, GRANISLE AREA  
JUNE 2014  
RES2DINV

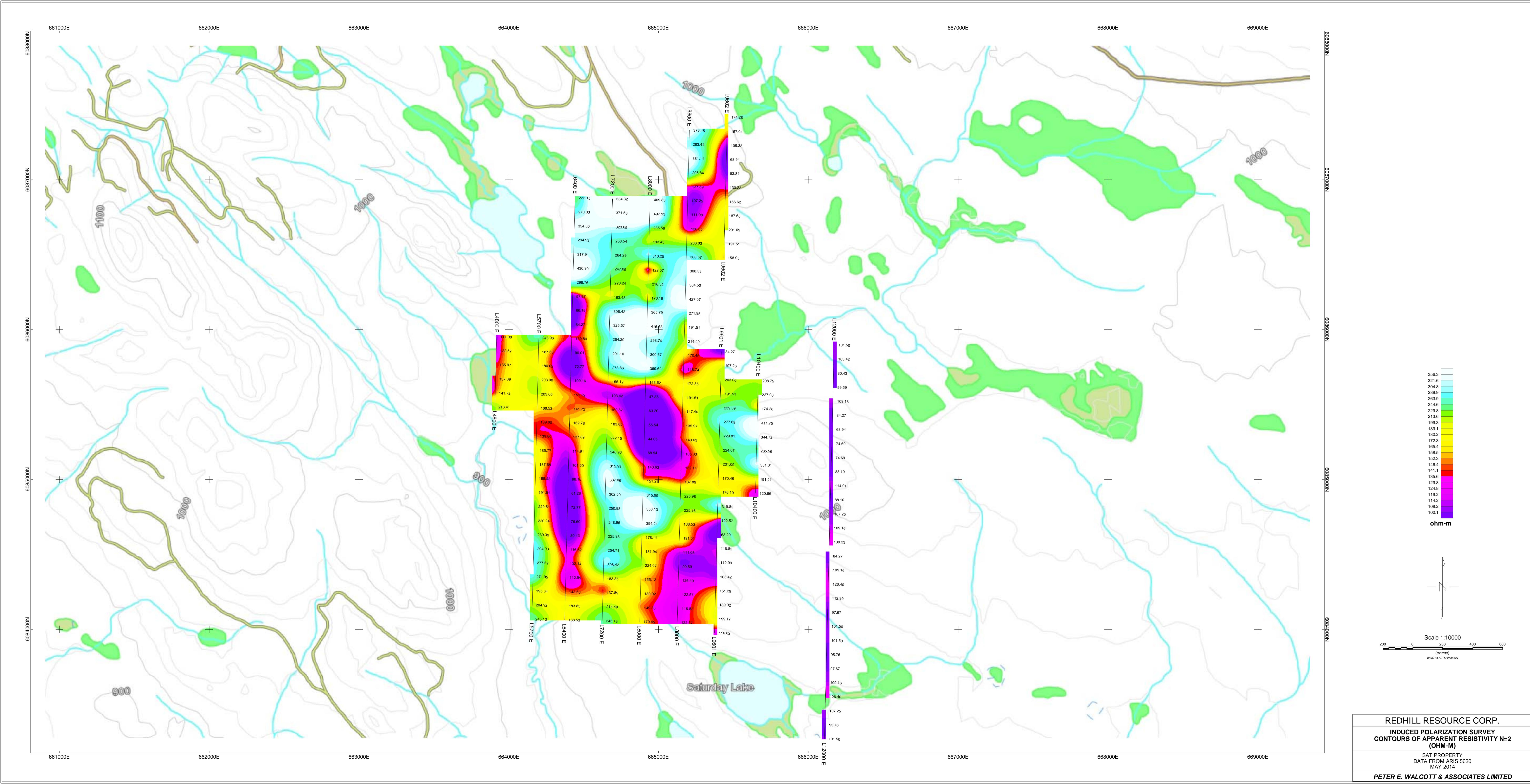
Inversion By: PETER E. WALCOTT & ASSOCIATES LIMITED

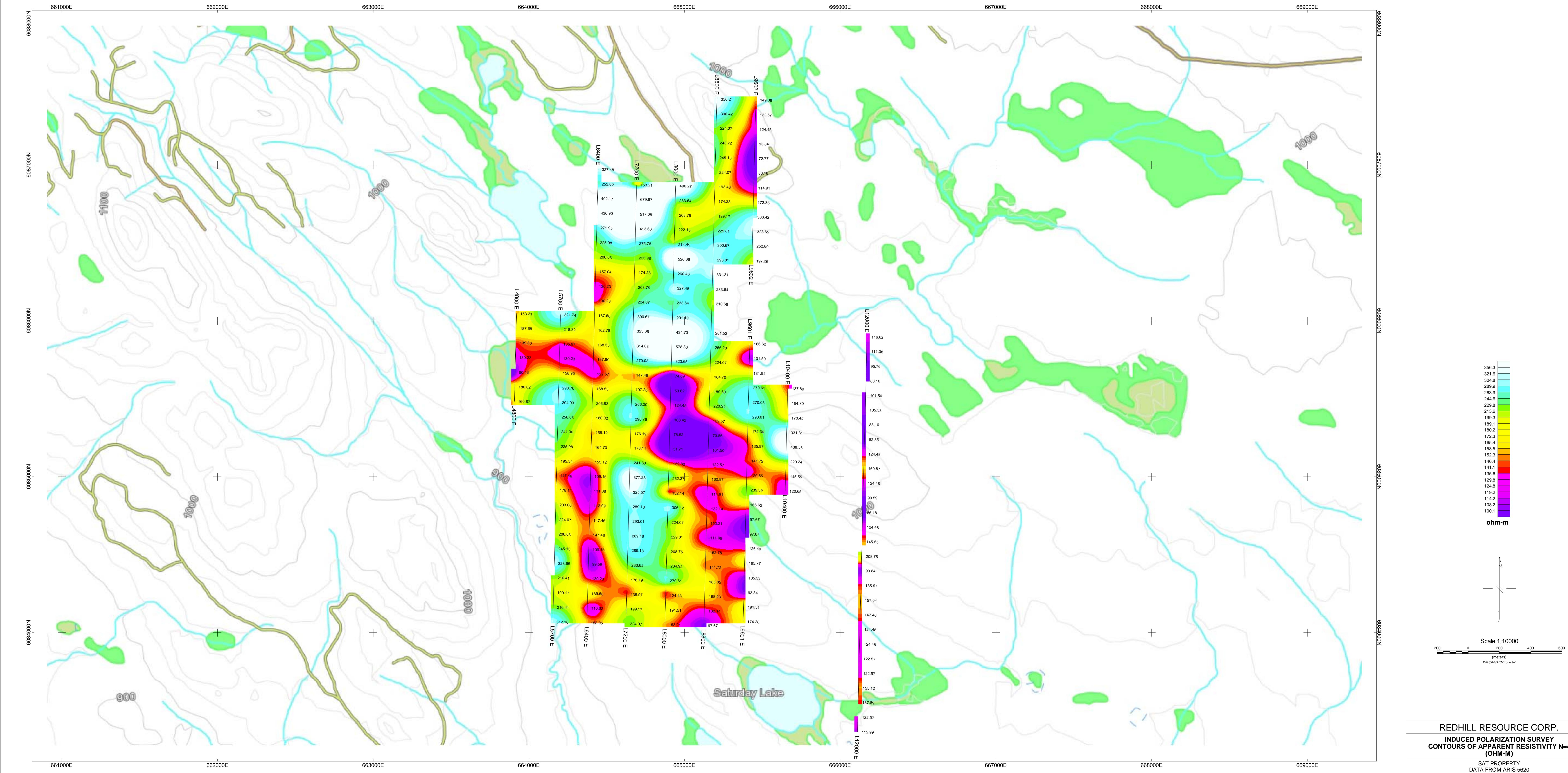




REDHILL RESOURCE CORP.  
INDUCED POLARIZATION SURVEY  
CONTOURS OF APPARENT CHARGEABILITY N=4  
(PFE)  
SAT PROPERTY  
DATA FROM ARIS 5620  
MAY 2014  
PETER E. WALCOTT & ASSOCIATES LIMITED

Scale 1:10000  
(meters)  
WGS 84 / UTM zone 9N





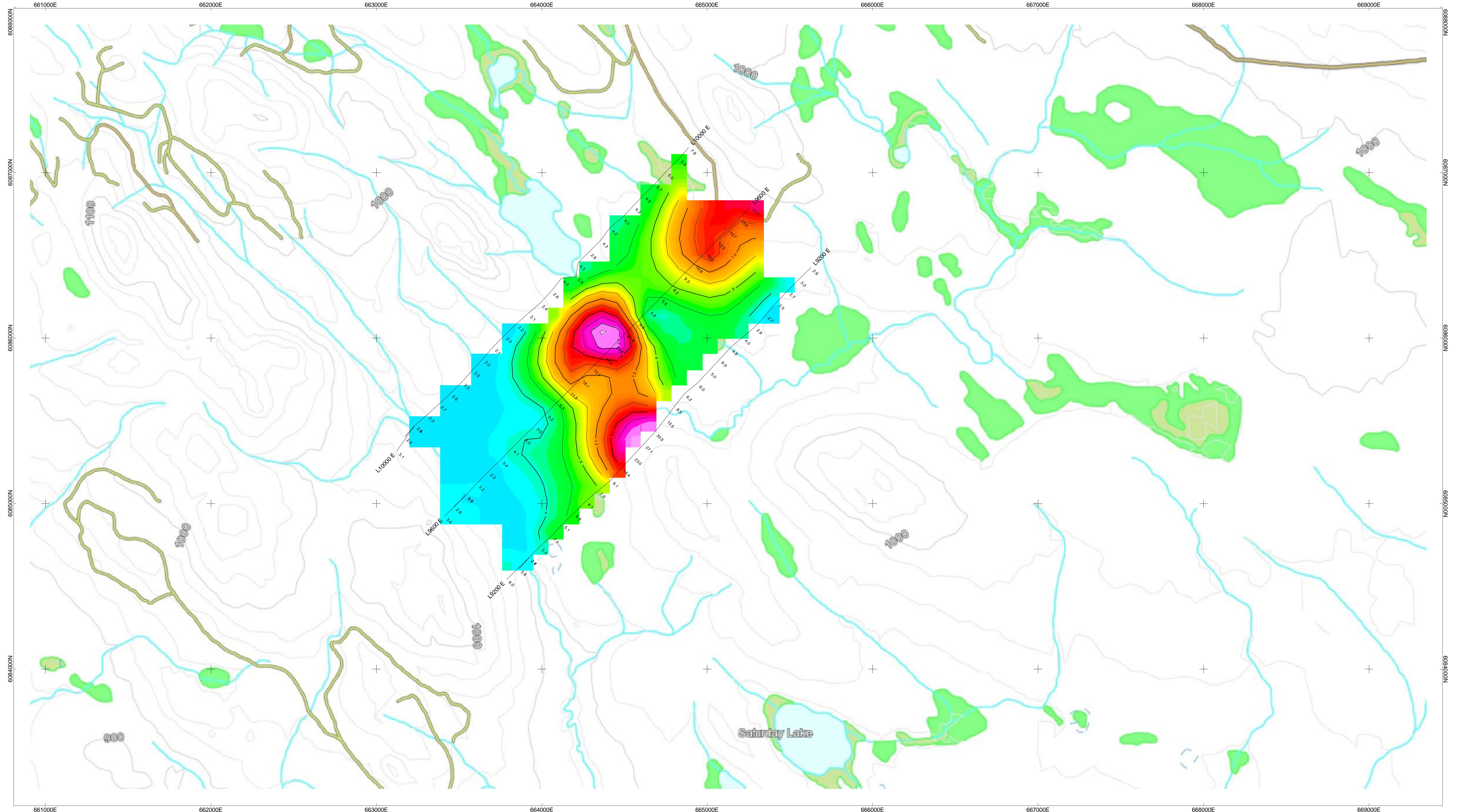
**REDHILL RESOURCE CORP.**

**INDUCED POLARIZATION SURVEY**

**TOURS OF APPARENT RESISTIVITY N=**

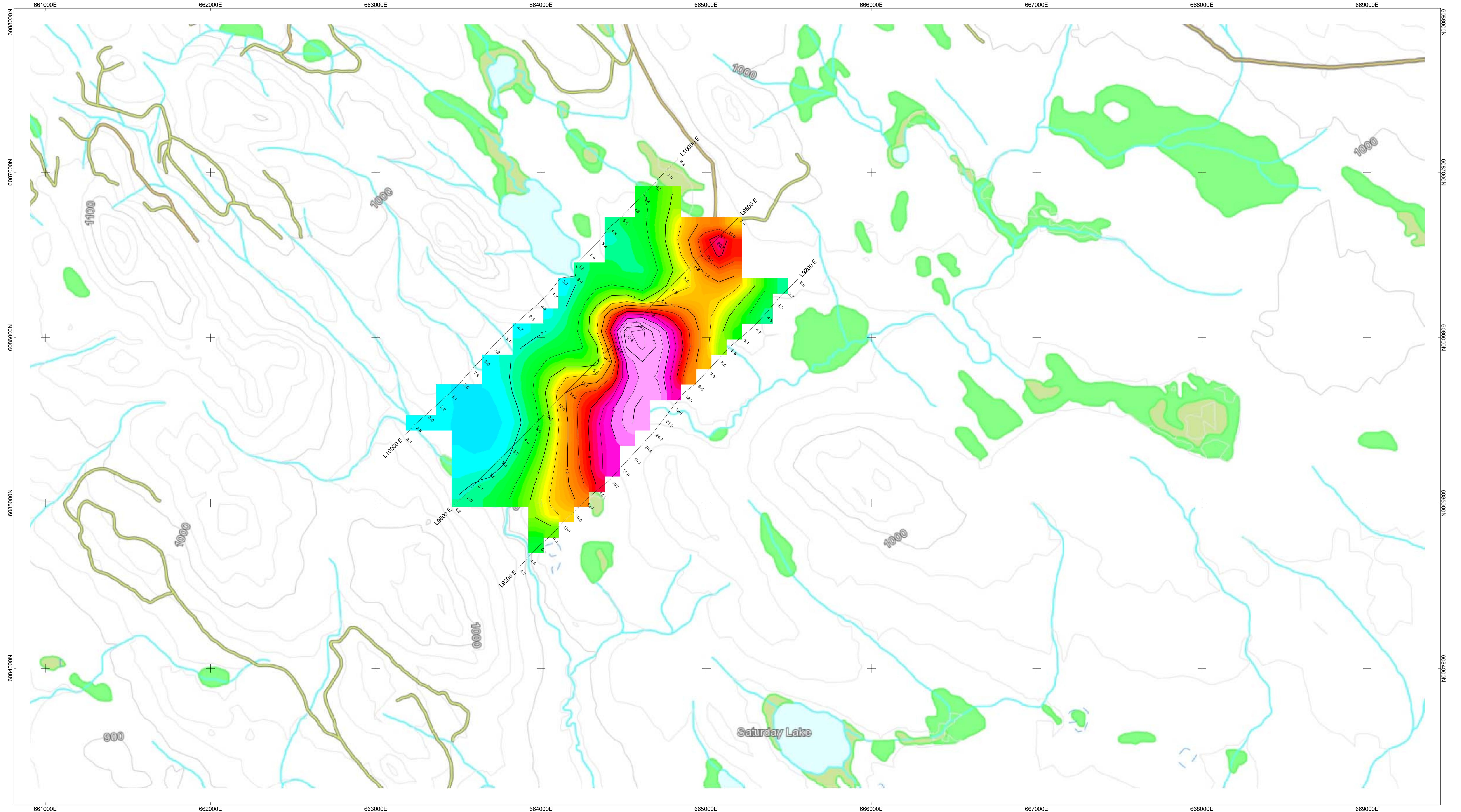
(OHM-M)  
SAT PROPERTY  
DATA FROM ARIS 5620

MAY 2014



REDHILL RESOURCE CORP.
INDUCED POLARIZATION SURVEY
CONTOURS OF APPARENT CHARGEABILITY N=2
(mV/V)
SAT PROPERTY
2012 IP SURVEY
MAY 2014
PETER E. WALCOTT & ASSOCIATES LIMITED

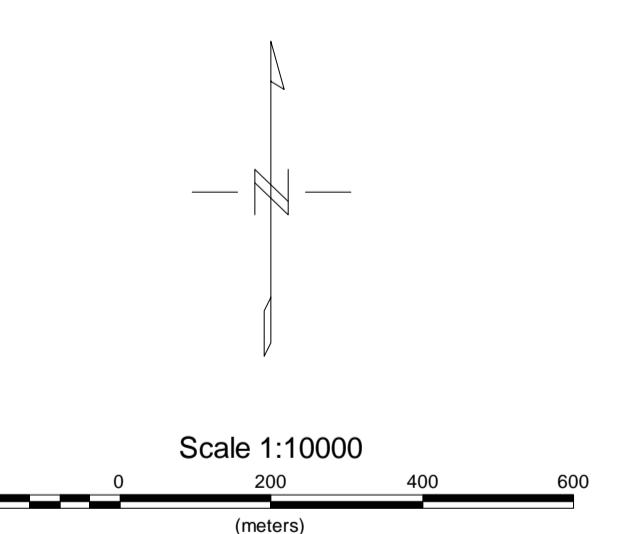
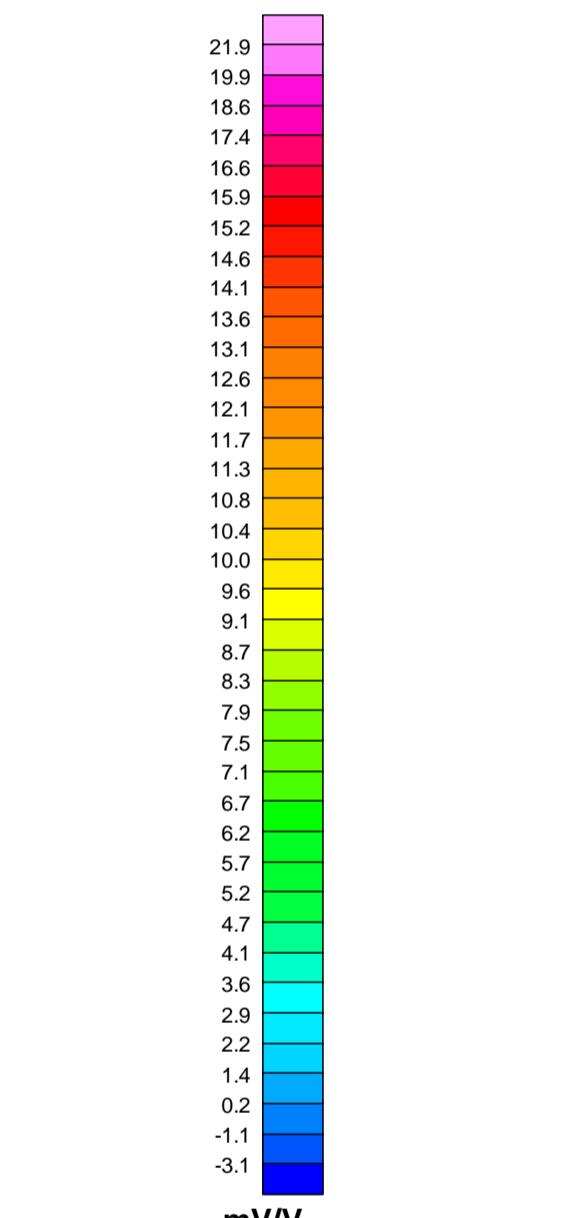
Scale 1:10000  
(meters)  
WGS 84 / UTM zone 9N

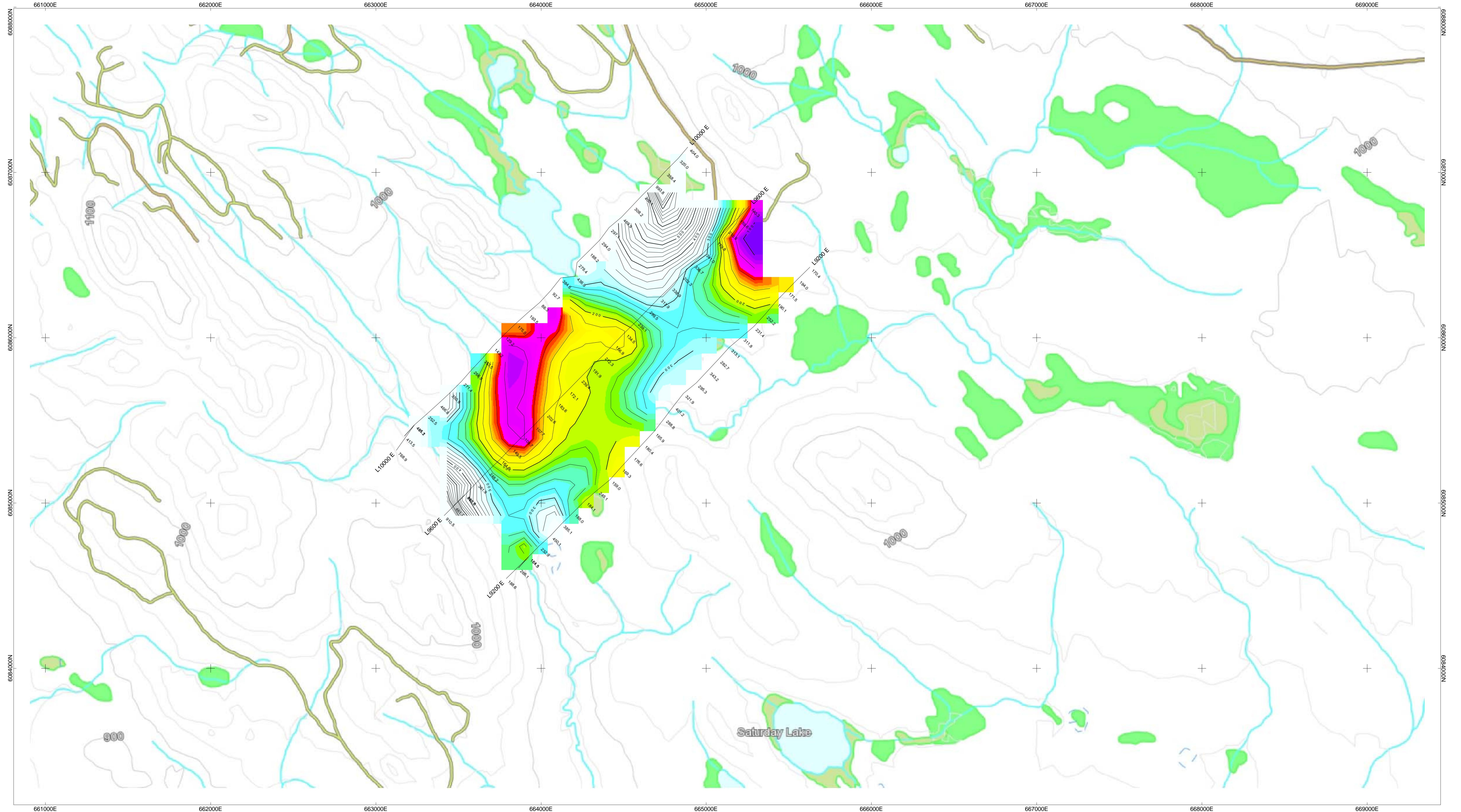


REDHILL RESOURCE CORP.  
INDUCED POLARIZATION SURVEY  
CONTOURS OF APPARENT CHARGEABILITY N=4  
(mV/V)

SAT PROPERTY  
2012 IP SURVEY  
MAY 2014

PETER E. WALCOTT & ASSOCIATES LIMITED





---

# **REDHILL RESOURCE CORP.**

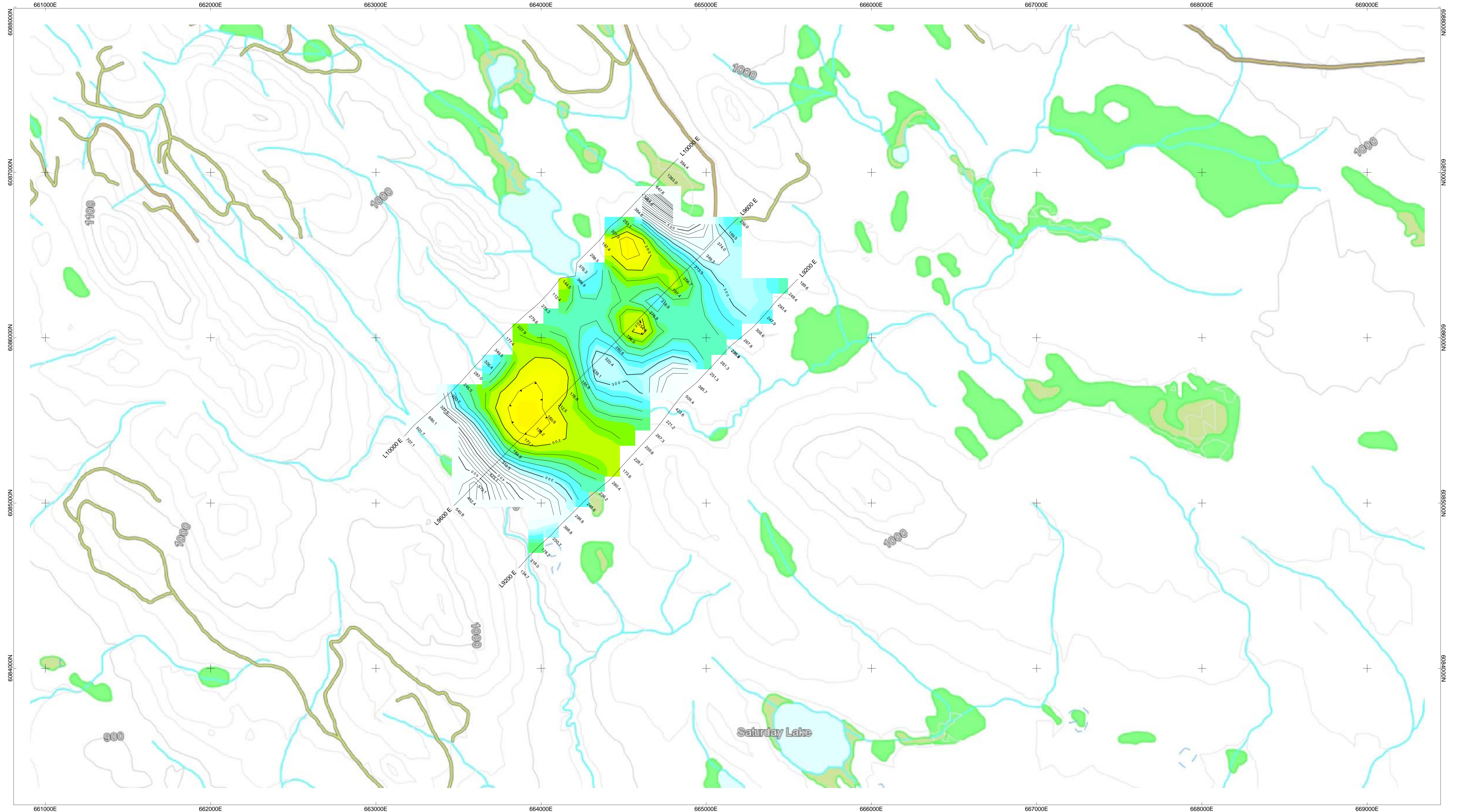
---

## **INDUCED POLARIZATION SURVEY TOURS OF APPARENT RESISTIVITY N=2**

---

SAT PROPERTY  
2012 IP SURVEY

MAY 2014





# **REDHILL RESOURCE CORP.**


## **INDUCED POLARIZATION SURVEY TOURS OF APPARENT RESISTIVITY N=4**

SAT PROPERTY  
2012 IP SURVEY

MAY 2014







REDHILL RESOURCES CORP.

AIRBORNE MAGNETIC SURVEY

ANALYTIC SIGNAL


SAT PROPERTY

GRANVILLE AREA, BRITISH COLUMBIA


JUNE 2014

DATA FROM AEROQUEST, 2012


PETER E. WALCOTT & ASSOCIATES LIMITED




REDHILL RESOURCES CORP.  
AIRBORNE MAGNETIC SURVEY  
3D MODELLLED MAGNETIC SUSCEPTIBILITY - 500 metre  
SAT PROPERTY  
GRANVILLE AREA, BRITISH COLUMBIA  
JUNE 2014  
DATA FROM AEROMAG, 2012  
PETER E. WALCOTT & ASSOCIATES LIMITED




REDHILL RESOURCES CORP.  
AIRBORNE MAGNETIC SURVEY  
3D MODELLLED MAGNETIC SUSCEPTIBILITY - 600 metre  
SAT PROPERTY  
GRANVILLE AREA, BRITISH COLUMBIA  
JUNE 2014  
DATA FROM AEROREQUEST, 2012  
PETER E. WALCOTT & ASSOCIATES LIMITED



REDHILL RESOURCES CORP.  
AIRBORNE MAGNETIC SURVEY  
3D MODELED MAGNETIC SUSCEPTIBILITY - 700 metre  
SAT PROPERTY  
GRANVILLE AREA, BRITISH COLUMBIA  
JUNE 2014  
DATA FROM AEROREQUEST, 2012  
PETER E. WALCOTT & ASSOCIATES LIMITED



REDHILL RESOURCES CORP.  
AIRBORNE MAGNETIC SURVEY  
3D MODELLLED MAGNETIC SUSCEPTIBILITY - 800 metre  
SAT PROPERTY  
GRANVILLE AREA, BRITISH COLUMBIA  
JUNE 2014  
DATA FROM AEROREQUEST, 2012  
PETER E. WALCOTT & ASSOCIATES LIMITED



REDHILL RESOURCES CORP.  
AIRBORNE MAGNETIC SURVEY  
3D MODELLED MAGNETIC SUSCEPTIBILITY - 900 metre  
SAT PROPERTY  
GRANISLE AREA, BRITISH COLUMBIA  
JUNE 2014  
DATA FROM AEROREQUEST, 2012  
PETER E. WALCOTT & ASSOCIATES LIMITED