Frontier Resources Ltd
Annual Report on Exploration
RL3/2005 – "Narrawa"
April 2011 to April 2012

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1.0 Summary

The Moina project, of which RL 3/2005 "Narrawa Creek" is a part, has been a major focus of exploration over the last year with the completion of a major 3D IP survey and drilling and channel sampling at Narrawa Creek and Stormont.

The 3D IP survey has been particularly successful. In the Narrawa Creek area the chargeability data indicates the presence of a large wedge shaped body of elevated chargeability extending from surface where outcrop is Moina Sandstone down to a relatively abrupt, moderately north dipping contact interpreted to represent either a thrust (the Hugo Thrust?) or the granite margin (or the margin of altered granite). Within this overall zone are a number of discrete, higher chargeability anomalies at depth with two bodies near the western margin of the licence of interest.

Resistivity data shows a series of west-northwest trending lows (i.e. conductivity highs) extending from the margin of the granite. One such conductivity trend corresponds with the Higgs deposit, another with the Narrawa Reward workings. Other than the drilling at Higgs there has been very little drilling of these conductivity anomalies. One conclusion is that much of the drilling chasing the Higgs deposit to its southeast has been off the Higgs conductivity trend. A number of the conductivity trends correspond with magnetic highs at their south-eastern ends around the granite margin (e.g. Three Sister). Further drilling of these trends is recommended.

Four resource infill drillholes at the Higgs deposit had varying results. NC54 and NC55 were largely ineffectual due to core loss. NC56 intersected the 100, 200 and 400 lodes and the NC57 the 300 lode. Best intersection was in NC56 with 3.0m @ 6.4g/t Au, 2.72% Pb, 2.51% Zn and 21.8g/t Ag and 3.75m @ 0.13g/t Au, 2.03% Pb, 2.28% Zn and 19.9g/t Ag. This work remains incomplete.

Two holes into the 500 lode prospect were disappointing with best 3.0m @ 0.96g/t Au the best intersection of this lode. Further work on this prospect is still warranted.

Three drillholes into the coincident Au, W and Mo in soils, magnetic highs and conductivity trends at the Three Sisters prospect have aided in understanding the geology of this prospect. Best intersections were 3.85m @ 0.56g/t Au and 1.1m @ 2.15g/t Au in NC60 and 0.3m @ 9.2% Mo in NC62. Further work in this area is thoroughly warranted (a fourth hole is currently underway).

Channel sampling the road cut near DDH NC4 gave encouraging results with 10.0m @ 0.96g/t Au and 12.0m @ 1.99g/t Au.

Channel sampling at Packetts and West Packetts (limited sampling) and the Squib open-cut were disappointing.

RL3/2005 "Narrawa Creek" is a significant asset to Frontier Resources Ltd and work will be ongoing. In the 2012/13 reporting year that work should consist of

- completion of further infill drilling at the Higgs deposit ("Narrawa" resource)
- metallurgical testwork
- initiation of a mining lease application.

Further exploration work should continue to explore

- Three Sisters/granite margin/W and Mo soil anomalous zone
- Higgs and other conductivity trends
- Large discrete chargeability anomalies at depth.

2.0 Introduction

2.1 Location and access

RL 3/2005 "Narrawa" lies in Tasmania's central north and is accessed by the bitumen Cradle Mountain Road which passes through the western edge of the licence.

The licence occupies the valley of the east flowing Narrawa Creek which drains into the Lake Cethana hydro impoundment and the ridgelines north and south (see figure 1.1).

Access within the licence is by a rough 4WD track which runs from the Cradle Mountain Road to the gravel 2WD Dolcoath Hill Road.

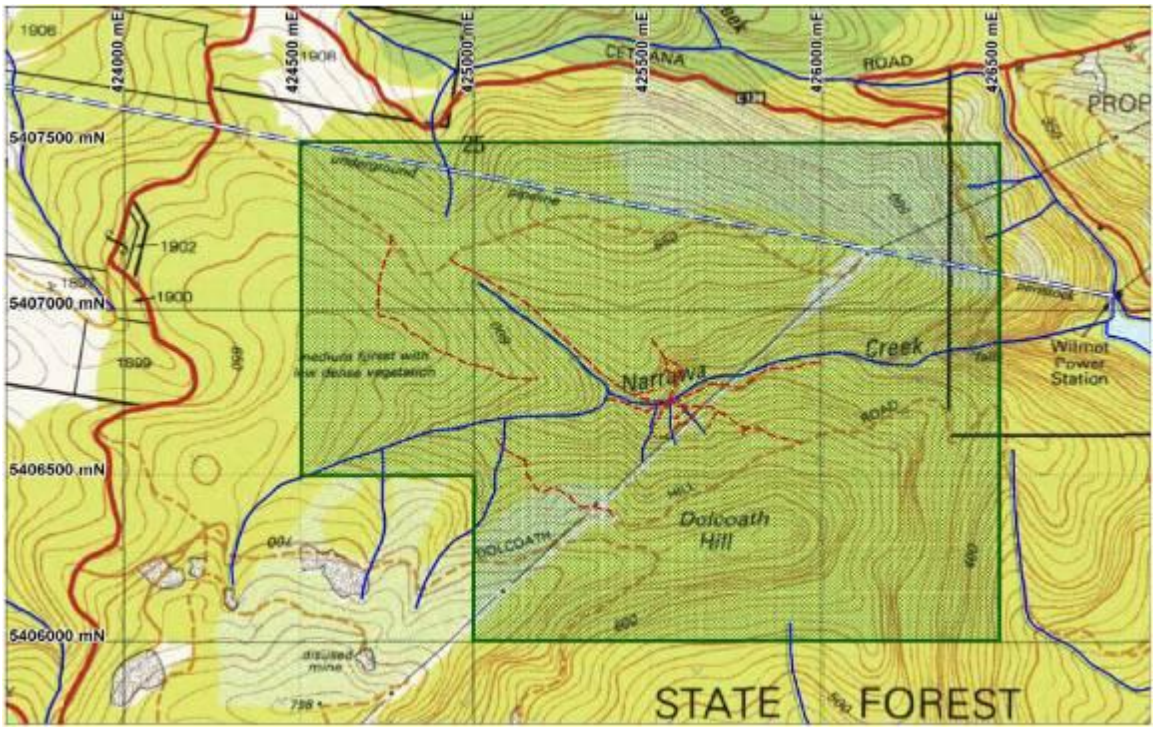


Figure 1.1: RL 3/2005 Narrawa licence outline topography , drainage and access. Map datum is AGD66 zone 55.

2.2 Tenure

RL 3/2005 was first granted on 13th May, 2005. On 13th May 2011 the licence was renewed for a further two year period finishing on 13th May 2013.

2.3 Land status and usage

The area is completely state forest and is covered by dry sclerophyll forest, commonly with a low dense bauera/tea-tree understory making foot access somewhat difficult. The area has been previously logged.

3.0 Geology

Cambrian quartz+feldspar+biotite porphyry of the Mt. Read Volcanics, Ordovician siliciclastic sediments of the Denison Group and the Devonian Dolcoath Granite form the basement geology to the licence area and are the host and/or source of all potential (hard-rock) mineralisation. A thin veneer of Tertiary basalt covers this basement geology in the far north-western corner of the licence.

Cambrian rocks only outcrop along the southern margin of the licence area where they are a quartz+feldspar+biotite porphyry.

These volcanics are unconformably(?) overlain by the lowermost unit of the Ordovician sequence, the Roland Conglomerate, a siliciclastic quartz pebble conglomerate of 10-20m thickness. This unit is conformably overlain by the quartzose Moina Sandstone which is up to 250m thick. This unit is conformably overlain by a thin, approximately 40m thick sequence of interbedded calcareous siltstone with lesser calcareous sandstone and limestone known informally as “Transition Beds”. These two units constitute the upper units of the Denison Group. Elsewhere in the region the “Transition Beds” are conformably overlain by the Gordon Limestone which is approximately 400m thick regionally though it is believed that this unit does not occur within the licence area.

The Cambrian-Ordovician sequence has been intruded by the Middle-Devonian Dolcoath I-type Granite with formation of a number of discrete skarn type ore bodies within the "Transition Beds". The granite outcrops in the south-eastern corner of the licence. Subsurface the granite is known to extend as a spine extending westerly from the area of outcrop.

The Cambrian-Ordovician sequence within the licence area lies on the southern limb of a broad (~10km wavelength) open east-west trending F1 syncline. This folding occurred early in the Middle Devonian Tabberrabberran Orogeny. Superimposed on this F1 fold are west-northwest trending shorter wavelength F2 folds with wavelengths. These folds formed later in the orogeny and are associated with southwest verging thrust faulting. The folded sequence is faulted by a number of known faults also of Middle Devonian age. The recent 3D IP has also suggested the presence of further brittle faults. Late in the orogeny the Dolcoath Granite intruded into this faulted and folded terrain.

Mineralisation occurs in a range of forms and settings with the Higgs mineralisation disseminated to semi-massive Au+Ag+Pb+Zn with commonly a pyrrhotite gangue in biotite hornfelsed sediments. Discrete quartz+/-W+/-Mo+/-Bi+/-Sn veins dipping to the south-southwest have been exploited in old workings and have potential in both the discrete form or as a zone of smaller veinlets. Elsewhere in the district the Transition Beds have been shown to host skarns with concentrations of F, Au+Bi and Au+Zn. There is potential for Au+/-Sn mineralisation in disseminations in the Moina Sandstone.

4.0 Exploration Philosophy

Frontier is aware of the polymetallic potential of the Moina area, largely a product of the highly fertile Dolcoath Granite, and is exploring for any and all commodities.

In particular the area has proven potential for Au, Ag, Cu, Pb, Zn, Sn, W, Bi, Mo, F and Fe. More conceptually the area may have potential for Y, Nb and rare earths (La, Ce, Nd, Pr and Sm).

Frontier owns and operates its own diamond drill rigs including the Poltock custom-built truly man-portable rig capable of drilling NQ sized core to +50m depth.

Frontier also owns a desktop XRF analyser which has the capacity to analyse for a wide range of elements including many not listed above e.g. Te, Tl, Sb, As, Rb, Sr, P, Cl, K, Ca, Ti, V, Cr, Co, Mn, Ni, Cd, Se, Ba, Hg, Th, U, Al, Ta and Sc. All samples are analysed for all elements listed on this page.

Frontier holds two small but Indicated Status resources in the district, one being the Narrawa (Higgs) Au+Zn+Pb+Ag resource centred on the old Higgs workings, the other being the Stormont Au+Bi resource on EL 42/2010. Frontier is aiming to add to this resource base by finding more similar sized deposits. Frontier is also aware of the potential in the district for much larger deposits of which the world class Shepard and Murphy F deposit (on adjacent RL 10/88 belonging to TNT Mines Ltd.) is an example.

5.0 Previous Exploration

It is not intended to give a full summary of previous exploration but the following is a brief history.

Old workings in the district date from the late 19th century into the 1930's with some production into the 1960's.

Pre-1965 the area of RL 3/2005 "Narrawa Creek" was included in much larger tenements with much more regional focus. In 1965 the Mt. Lyell Mining and Railway Co. included the area in EL 8/65. Apart from gridding and soil sampling over the Sayers and Blacks area just east of RL 3/2005 their work was more regional in focus. The licence was relinquished around 1972/73.

During the rest of the 1970's and into the early 1980's the border between Asarco's EL 7/73, soon to be JV'd with CRAE, and Comalco's EL 7/74 ran north-south through the area of RL 3/2005 dividing it in two. The major body of work carried out in the area was in 1981/82 when CRAE gridded, sampled (soil and rock) and geophysically surveyed the Narrawa Creek valley on their newly cut grid. This work resulted in the drilling of DD82DG1, 2 and 3.

Following the relinquishment of these two licences the Narrawa Creek area was pegged in 1985 as EL 45/1985 by Mr C.H. Whitehead who almost immediately JV'd the tenement with Goldfields Exploration Ltd who explored the area for gold, resampling the CRAE grid and drilling ND1, 2 and 3.

In the early 1990's the area was included in EL 20/92, a JV between Goldstream Mining N.L. and Titan Resources N.L. who drilled NC1 to NC12

Following compulsory relinquishment of half of EL 20/92 which saw the Narrawa Creek area the area dropped Jervois Mining N.L. pegged the area under EL 30/97. Jervois drilled NC13 to NC17.

In 2003 Tasgold (a previous incarnation of Frontier) pegged the old EL 30/97 and remaining EL 20/92 (just relinquished) ground as EL 29/2003 before converting the Narrawa Creek area into RL 3/2005, the current tenement.

Tasgold (then Frontier) drilled NC18 to NC53 between 2003 and 2008 under EL 29/2003 and current RL 3/2005.

6.0 Work Done May 2011 to April 2012

6.1 Introduction

RL 3/2005 is part of Frontier's Moina Project (also including EL 42/2010 "River Lea" and EL 29/2009 "Cethana"). The Moina Project was a major focus of Frontier's exploration activity in the second half of 2011 and 2012 with a large 3D IP survey and drilling at both Stormont on EL 42/2010 and Narrawa RL 3/2005.

6.2 3D IP Survey

RL 3/2005 was included in a large scale 3D IP survey conducted over ~24 square kilometres of Frontier's Moina Project, extending from Round Mountain east of Lake Cethana to Stormont, west of Lake Gairdner.

The survey was carried out by SJ Geophysics of Vancouver with their in-house Volterra system over a total of ~128km grid cut by Frontier's own crew.

The overall survey area naturally divided itself into a series of discrete grids with sections between missed due to geographical features, Lakes Cethana and Gairdner and the Lea River, and the 2km²RL 10/88 belonging to Geotech International Pty. Ltd.

The grids are shown on figures 6.1 and 6.2. Of these grids the Narrawa+Extended grid and thus also the East Moina Regional 250m grid (see explanation below) covers about 90% of RL 3/2005. Whilst both grids also extend beyond the bounds of RL 3/2005 all data for these two grids has been included for ease.

Due to the dual desire to both look for shallow anomalies requiring higher resolution near surface as well as deeper larger zones, two grid scales were chosen, 250m and 125m or 100m.

The deeper, broader zone was surveyed on a 250m spaced grid with the higher resolution near surface zone surveyed on the discrete 125m and 100m spaced grids. In order to obtain 250m spaced data from these 100m and 125m spaced grids the close spaced grids were not surveyed twice but rather data from the detailed survey was filtered and combined with the 250m data read from the coarser gridded areas during the processing and inversion process.

The grid was cut in a cursory fashion sufficient to remain open for the IP survey and any immediate soil sampling but expected to close over before 1 year.

Grid lines were true north-south except for the extended part of the Narrawa+Extended grid which was east-west, and were surveyed by a combination of tape and suunto compass with handheld GPS checking.

Grid spacing varied. Nominal spacings were 250m and 125m but existing 100m spaced lines around the Higgs workings were utilised. 100m spaced lines were also read on the far northwest part of the grid. The Narrawa extended grid was on 100m spacings. Existing tracks were utilised where suitable. The irregular eastings (i.e. not multiples of 100m or 50m) are due to optimal alignment with the 100m spaced lines around Higgs.

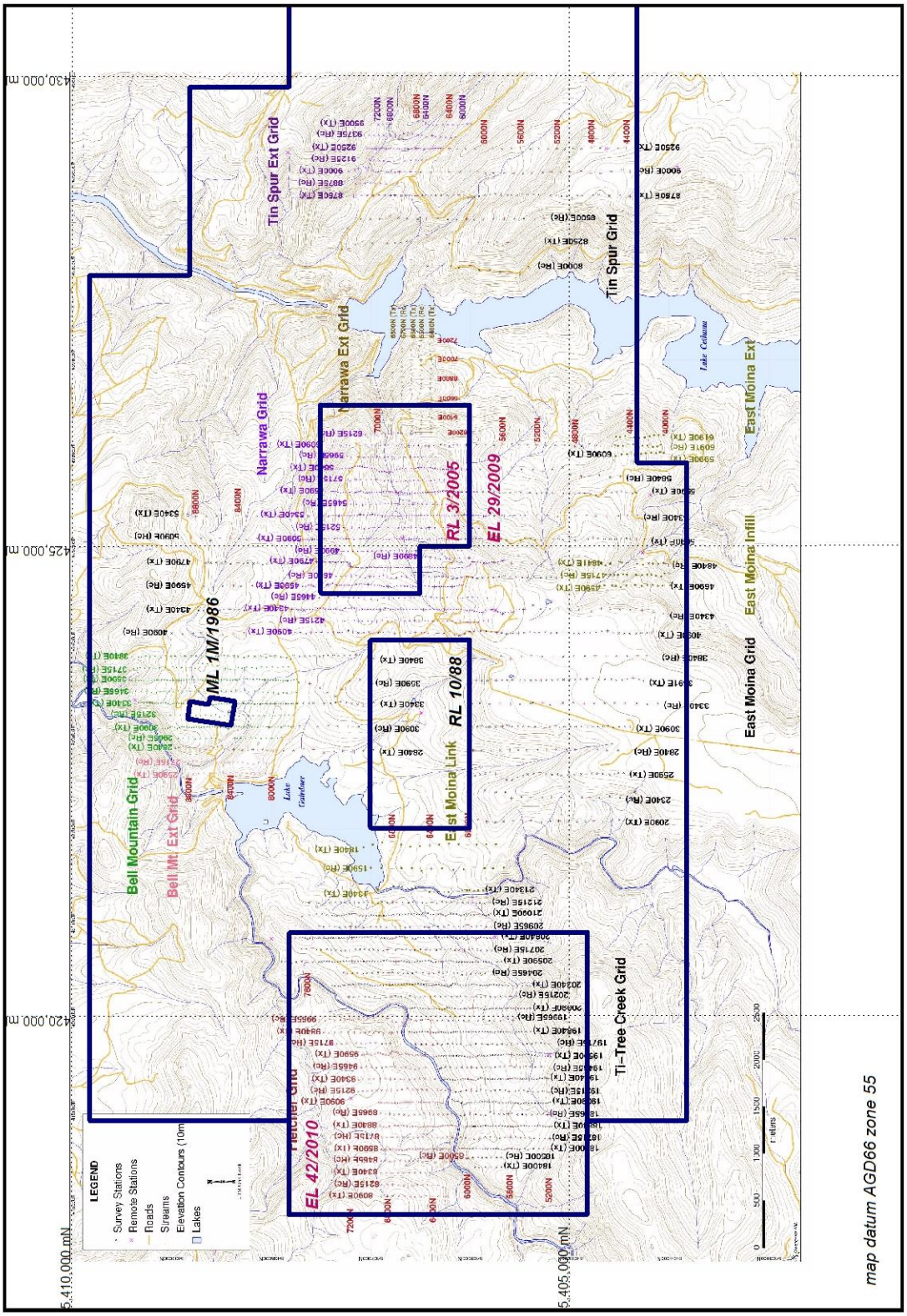


Figure 6.1: Moina Project 3D IP survey grids and tenements (this figure is also included in appendix A4 where small text is more legible).

The 3D IP data is included as Appendix A1-A8. Some of the data is included in hard-copy form whilst other data is too ungainly and has been included in digital format on CD (which also includes digital copies of that data included in hard copy).

The data is included in 8 separate folders as supplied by SJ Geophysics and detailed here:

RL032005_201204_03_appA1_report contains the full logistical report for all surveying including the other grids.

RL032005_201204_03_appA2_3DIPxyzData contains the raw chargeability and resistivity data in .txt format for the EastMoina-2011 (=East Moina Regional), Narrawa-2011 (=Narrawa) and Narrawa Ext-2012 (=NarrawaExt) parts of the survey. Metadata for each of the three surveys is included in each file as well as separately.

RL032005_201204_03_appA3_Location contains the grid survey data for all grid points used in the surveying for the East Moina regional and Narrawa+Extended grids.

RL032005_201204_03_appA4_Maps has .pdf images of both plan and sectional views of both chargeability and resistivity for the East Moina regional and Narrawa+Extended grids.

RL032005_201204_03_appA5_UBCgifModels has the 3D IP inverted East Moina Regional and Narrawa+Extended models and an inverted model of the 1995 Jervois helimagnetics in format suitable for use with the application *MeshTools3D,* which is also included.

RL032005_201204_03_appA6_3DModelsxyzCentre has the 3D IP inverted East Moina Regional and Narrawa+Extended models and an inverted model of the 1995 Jervois helimagnetics in .xyz format suitable for importing into a range of 3D software.

RL032005_201204_03_appA7_vtkModels has the 3D IP inverted East Moina Regional and Narrawa+Extended models and an inverted model of the 1995 Jervois helimagnetics in .vtk format suitable for use with the application *Paraview*.

RL032005_201204_03_appA8_Mag-inversion contains images of the inverted model of Jervois 1995 helimagnetics as colour enhanced sections and depth slices in geotiff (i.e. registered raster images - AGD66 zone 55) format as well as .pdf's. The inverted models are included in appendices A5, A6 and A7 along with the 3D IP models of that format.

The survey has been very successful in defining a number of chargeability and conductivity anomalies as well as helping map the subsurface geology.

Results are presented herein as a series of figures showing chargeability and resistivity at a range of depths below surface (i.e. paralleling surface topography) with the Narrawa+Ext image alone for depths of 25m, 50m, 75m, 50m, 100m, 150m, 200m, 250m and 300m, and the East Moina Regional for depths of 350m, 400m and 500m.

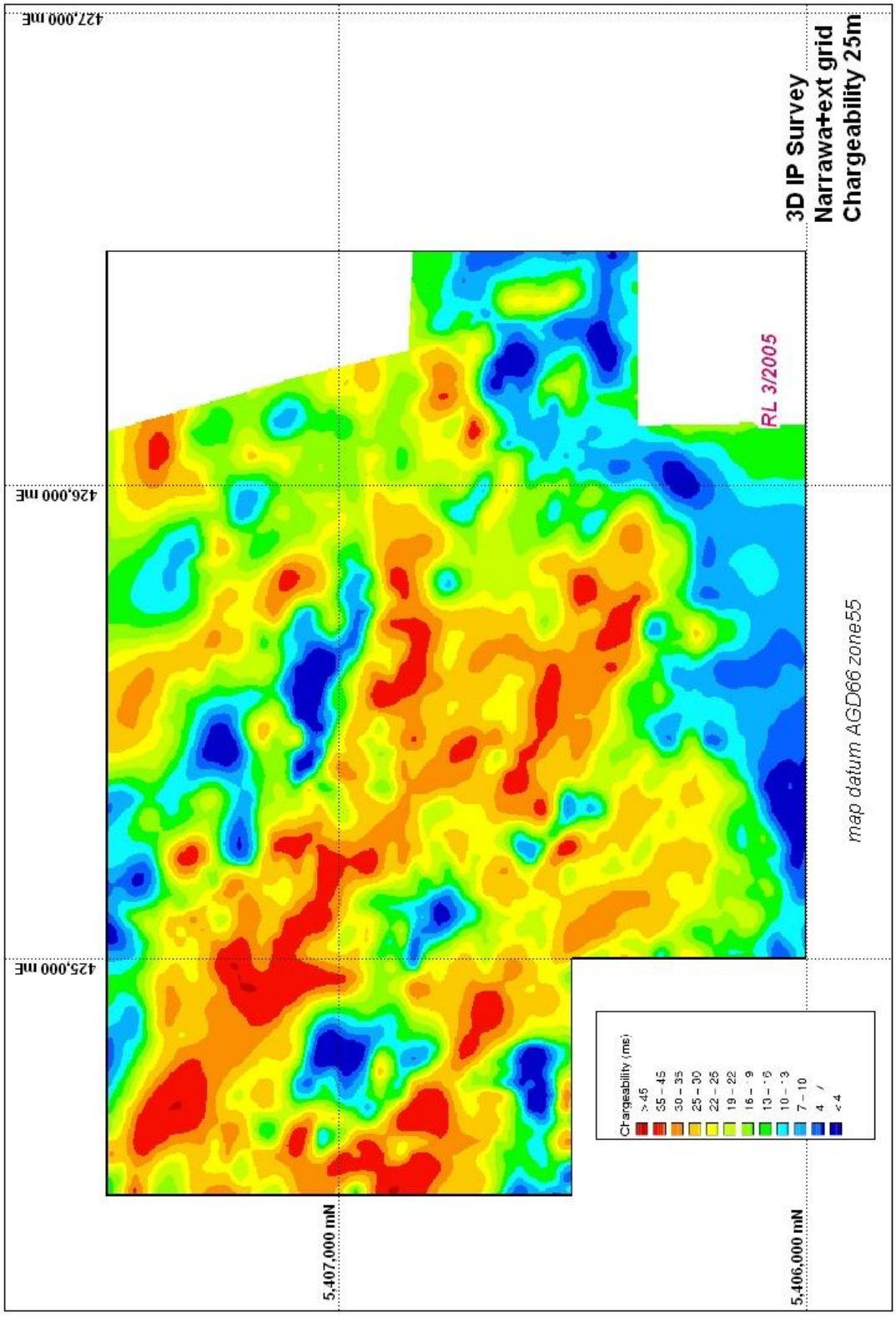


Figure 6.2: 3D IP survey results – chargeability at 25m below surface (Narrawa+Ext survey)

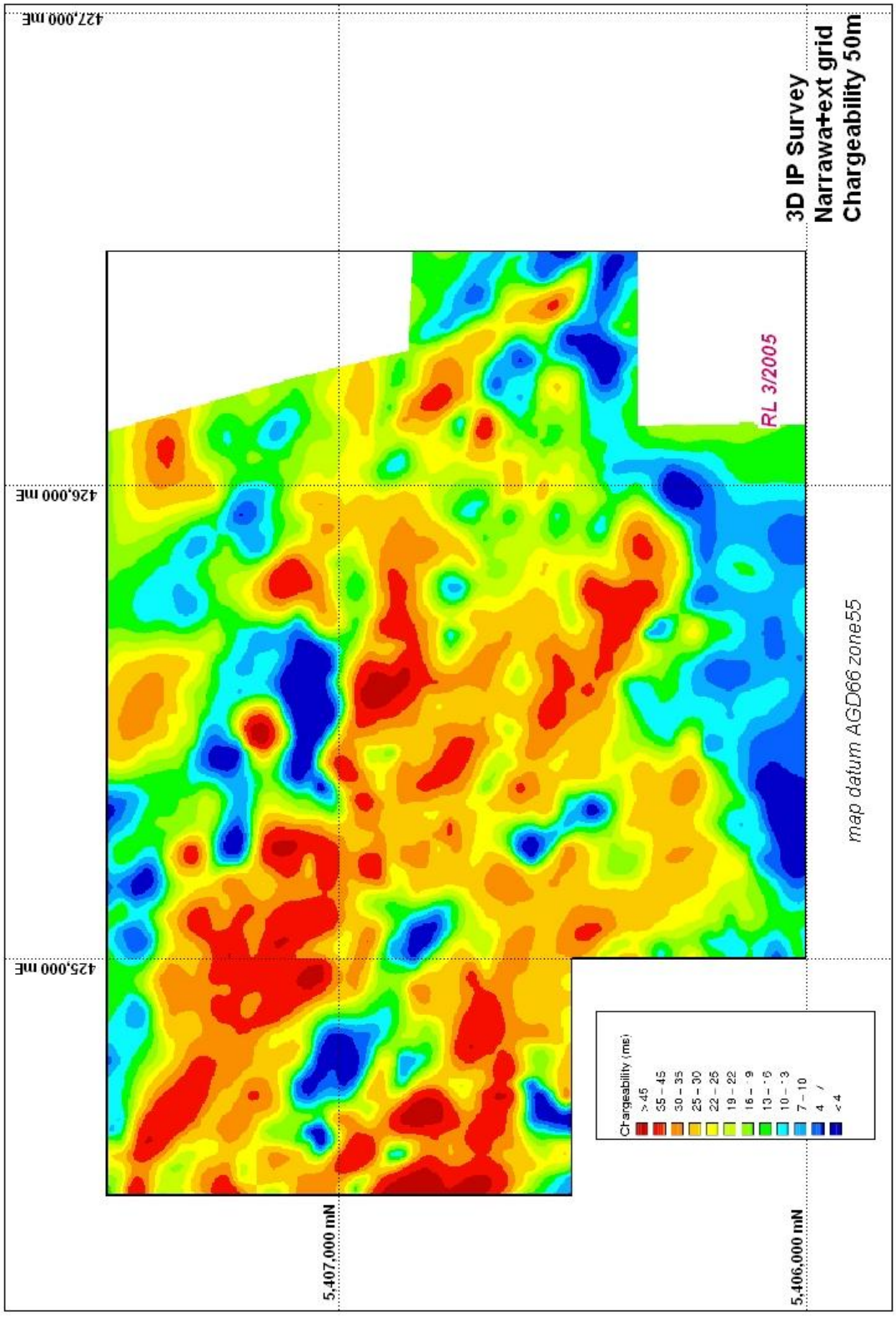


Figure 6.3: 3D IP survey results – chargeability at 50m below surface (Narrawa+Ext survey)

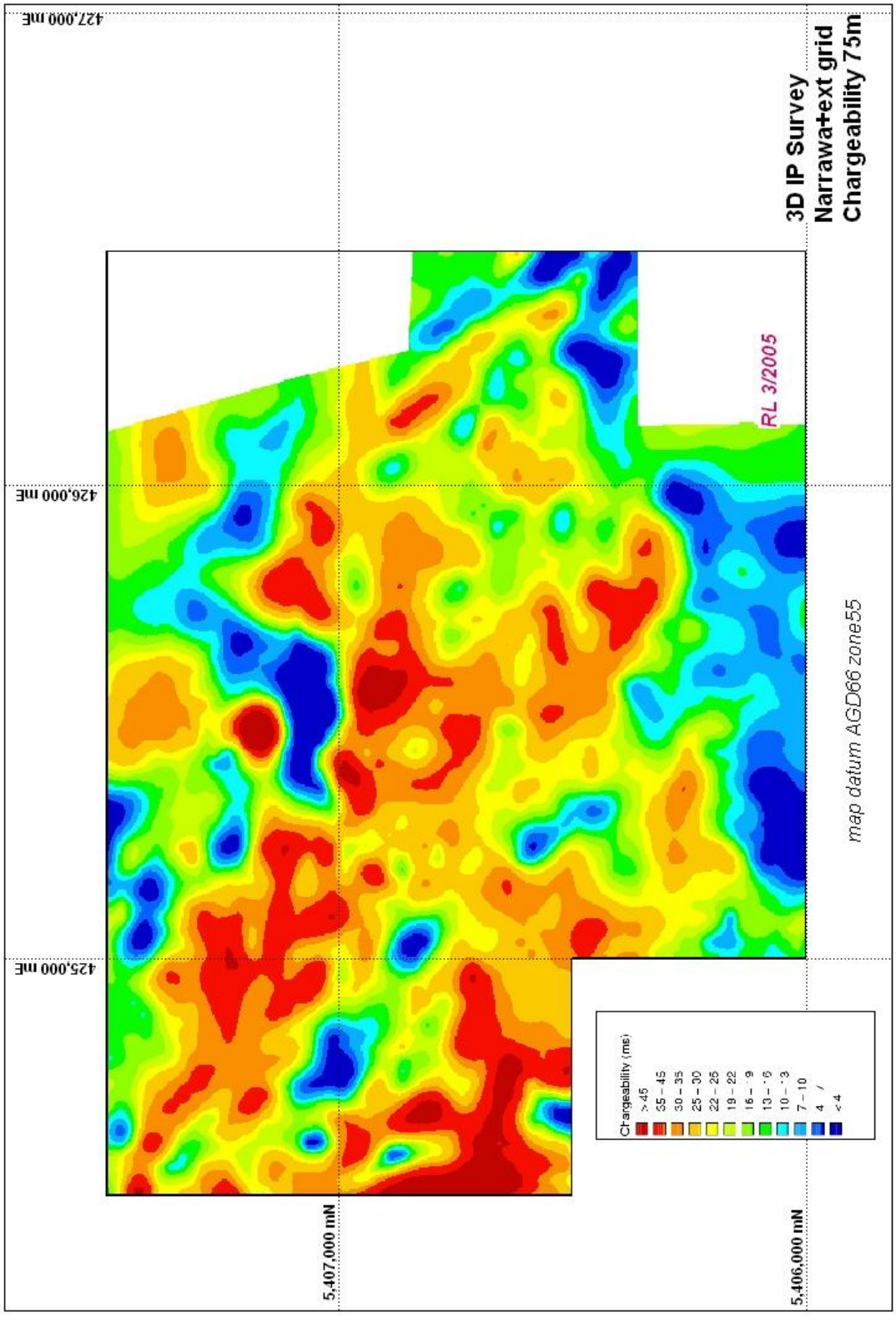


Figure 6.4: 3D IP survey results – chargeability at 75m below surface (Narrawa+Ext survey)

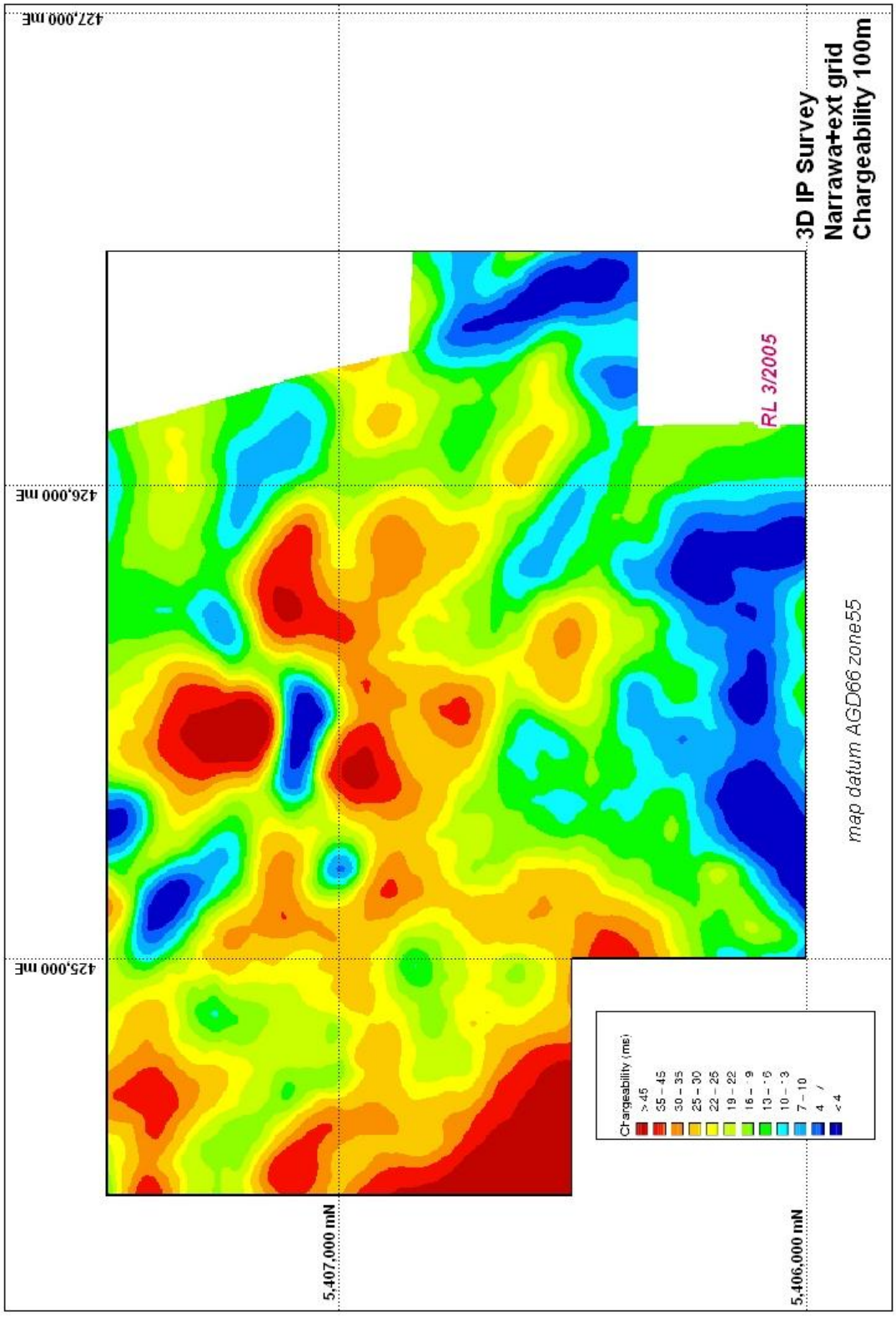


Figure 6.5: 3D IP survey results – chargeability at 100m below surface (Narrawa+Ext survey)

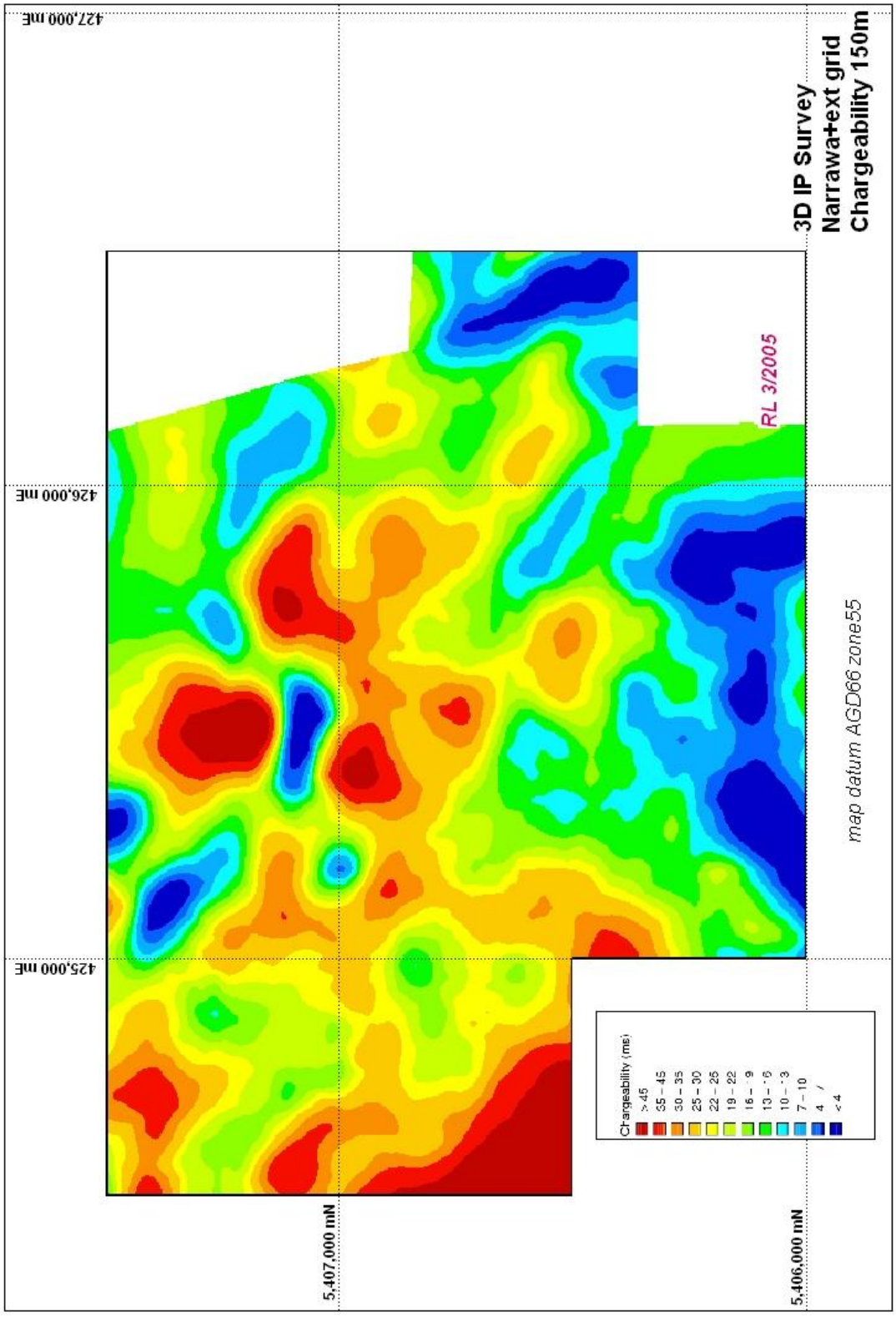


Figure 6.6: 3D IP survey results – chargeability at 150m below surface (Narrawa+Ext survey)

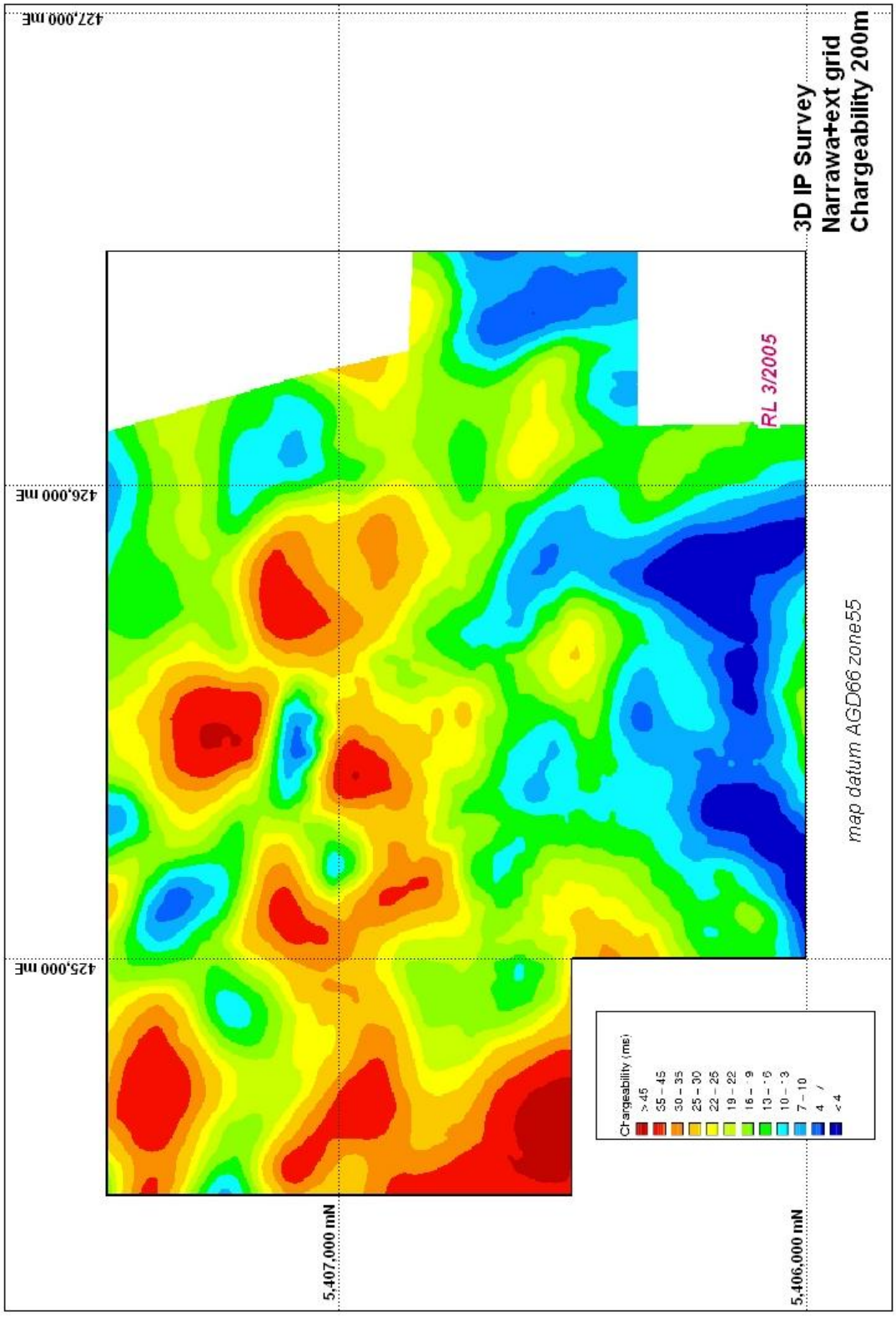


Figure 6.7: 3D IP survey results – chargeability at 200m below surface (Narrawa+Ext survey)

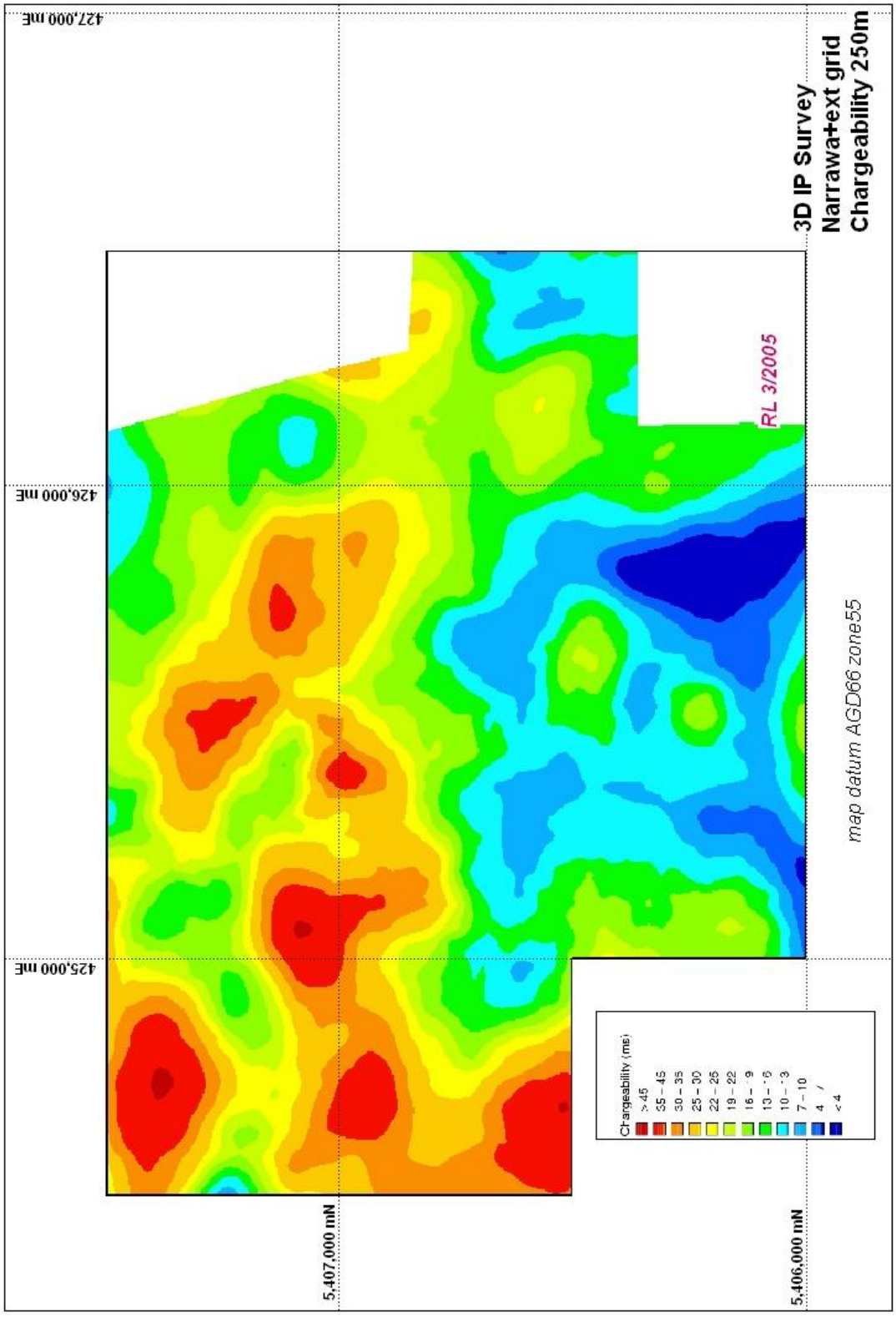


Figure 6.8: 3D IP survey results – chargeability at 250m below surface (Narrawa+Ext survey)

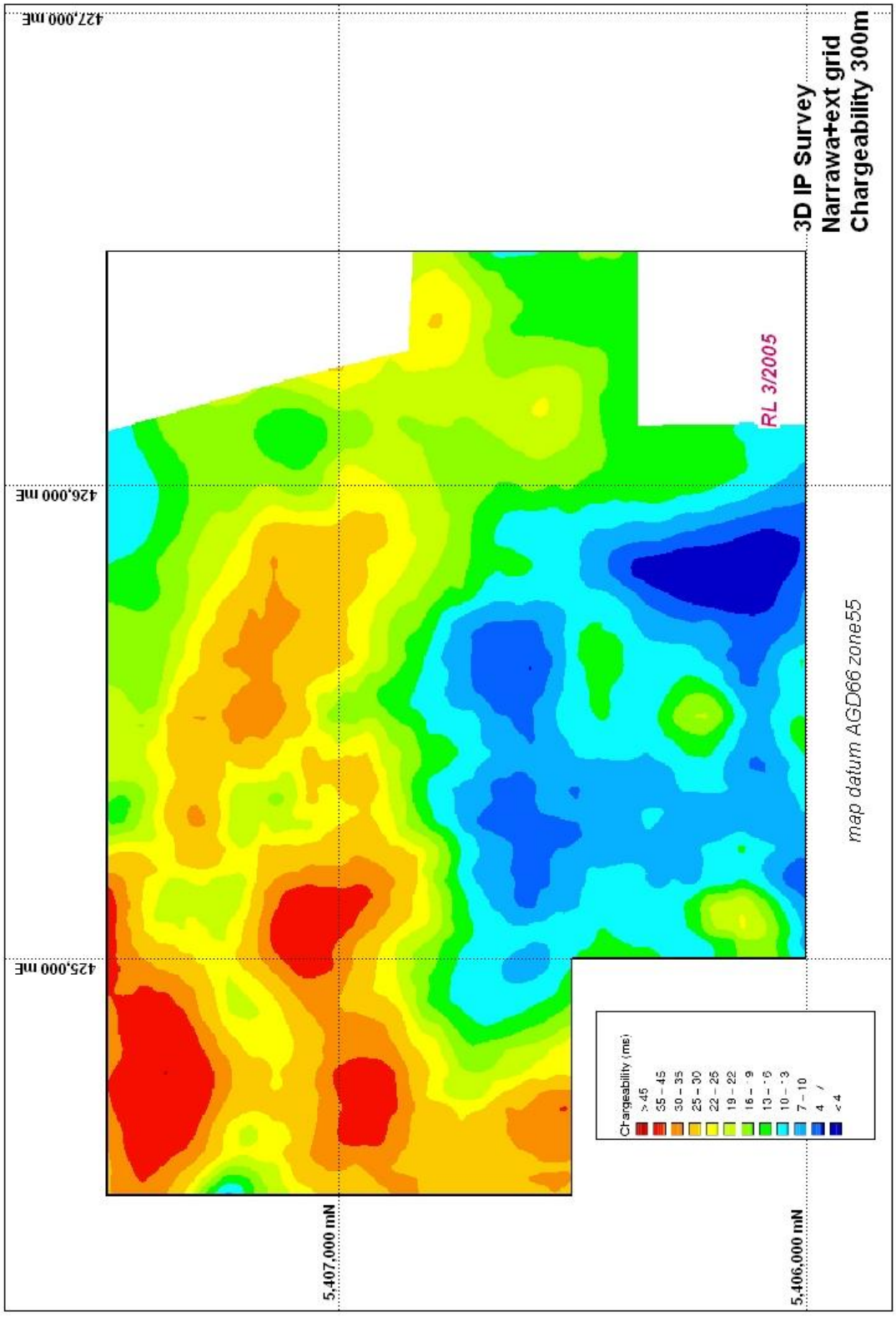


Figure 6.9: 3D IP survey results – chargeability at 300m below surface (Narrawa+Ext survey)

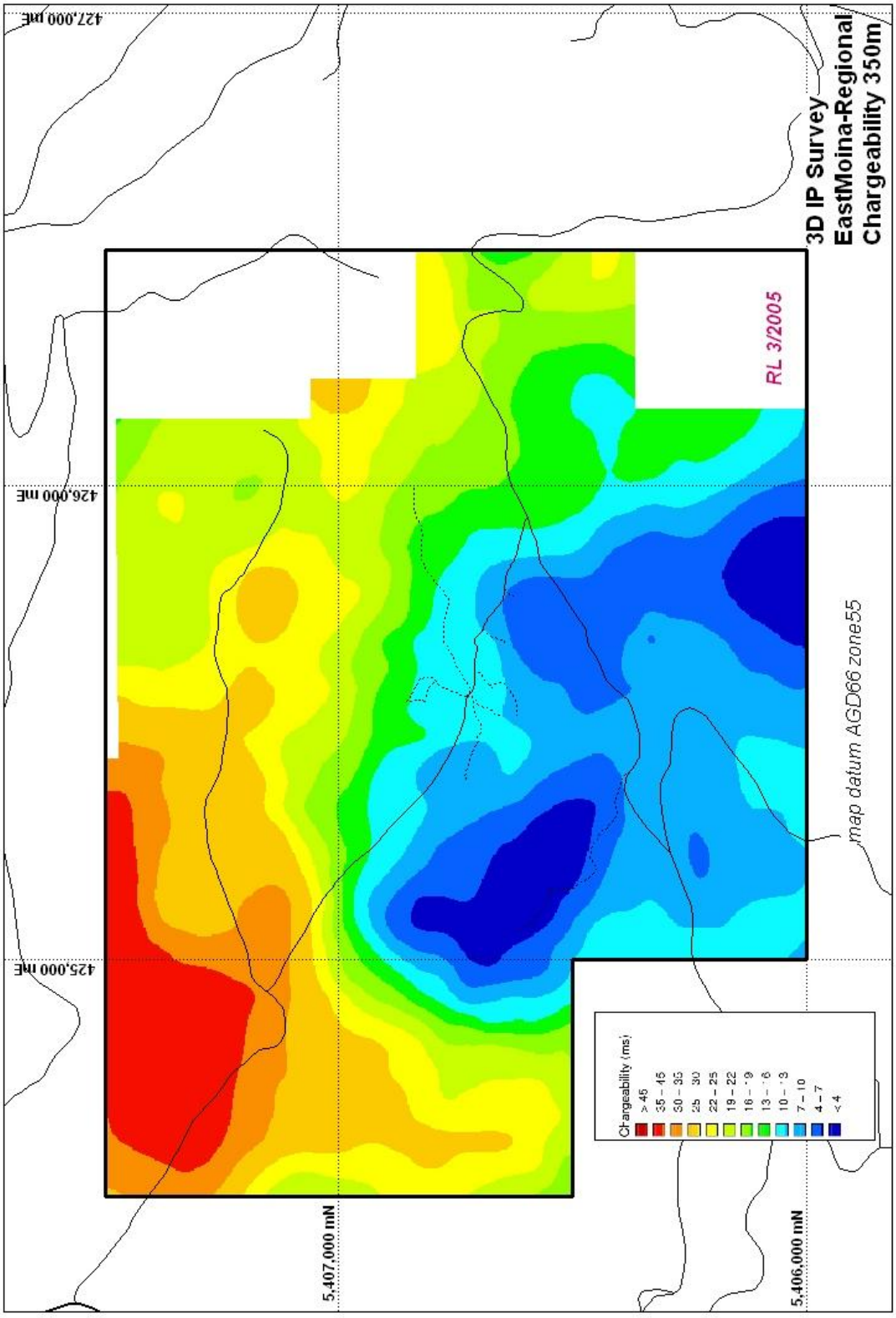


Figure 6.10: 3D IP survey results – chargeability at 350m below surface (East Moina Regional survey)

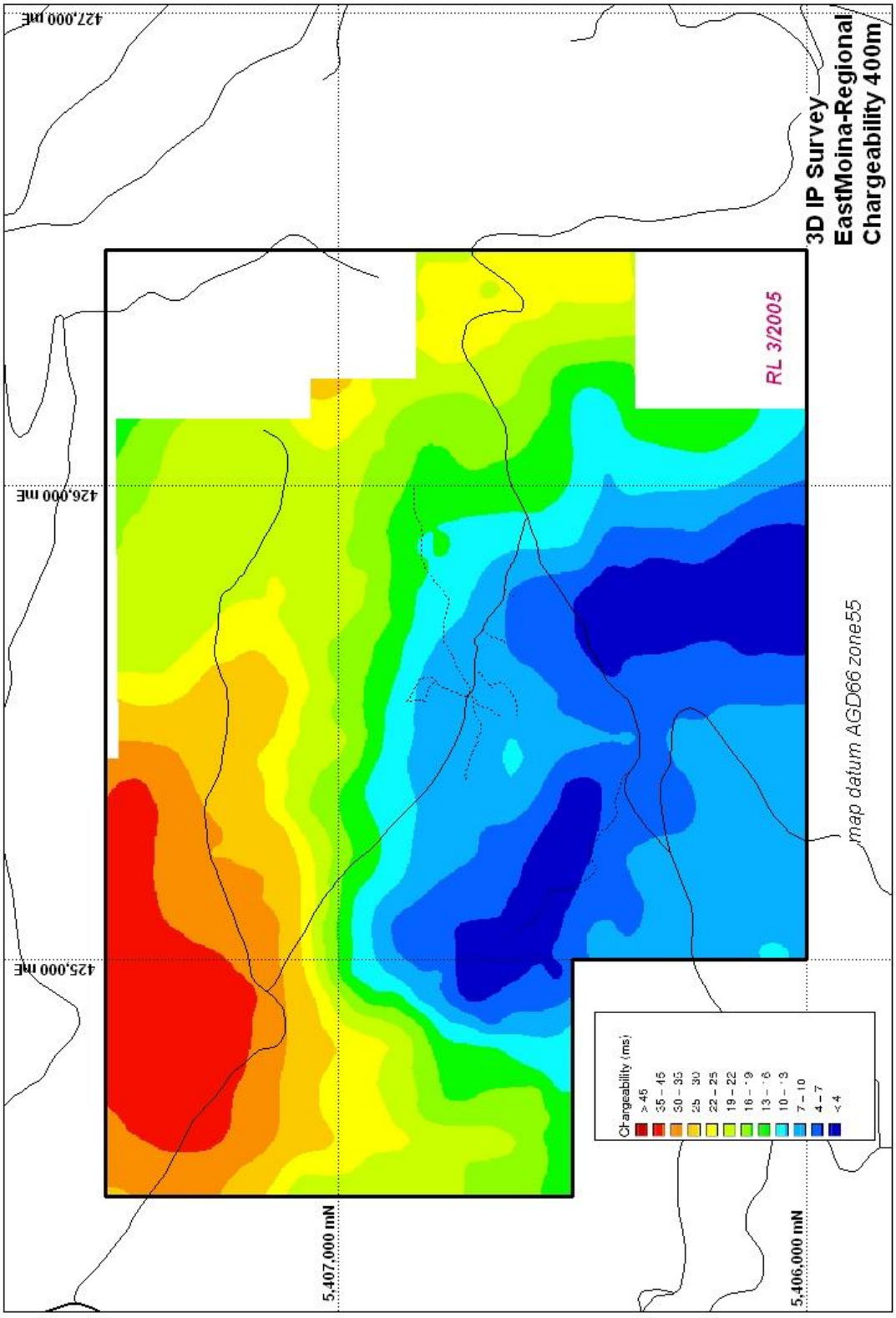


Figure 6.11: 3D IP survey results – chargeability at 400m below surface (East Moina Regional survey)

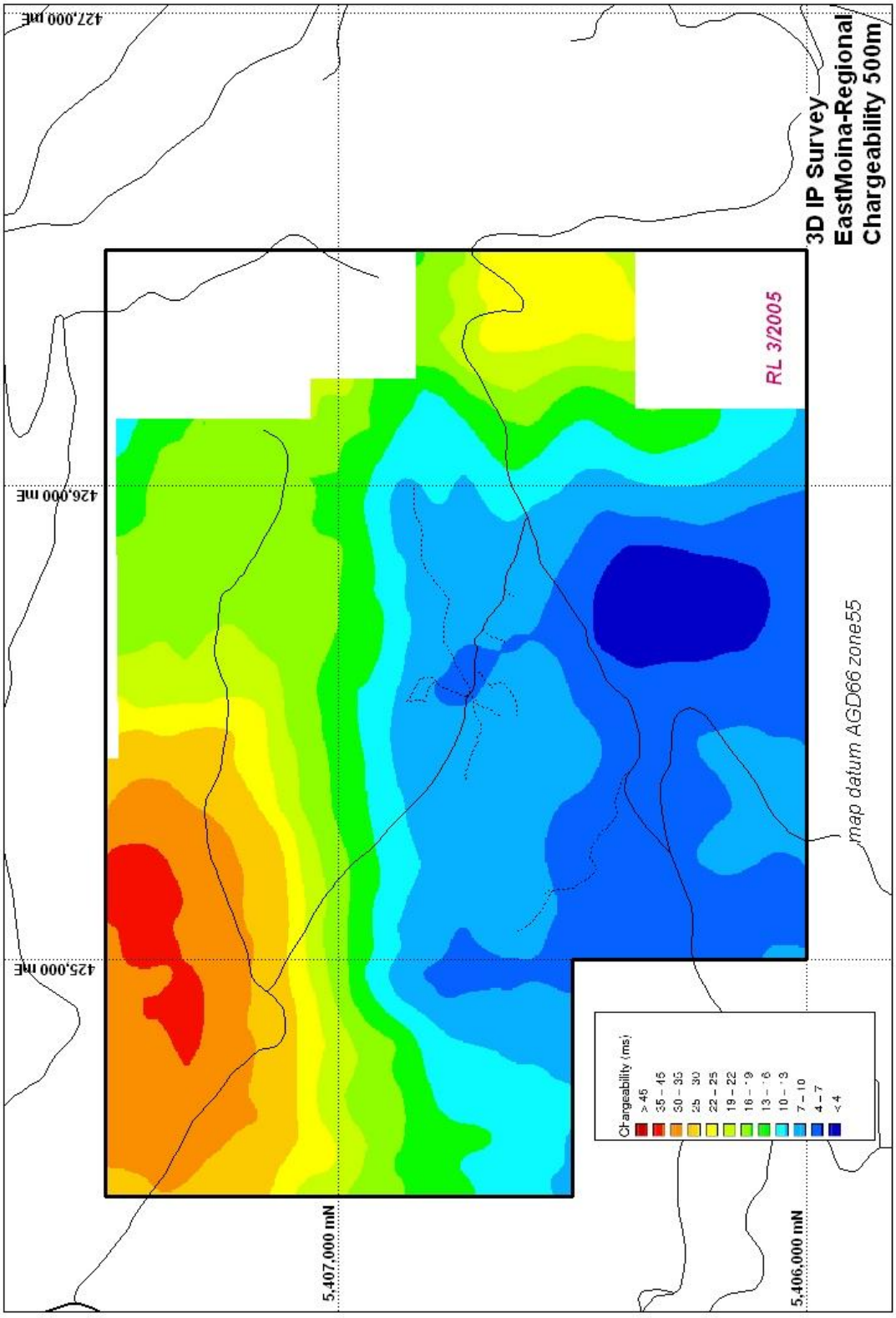


Figure 6.12: 3D IP survey results – chargeability at 500m below surface (East Moina Regional survey)

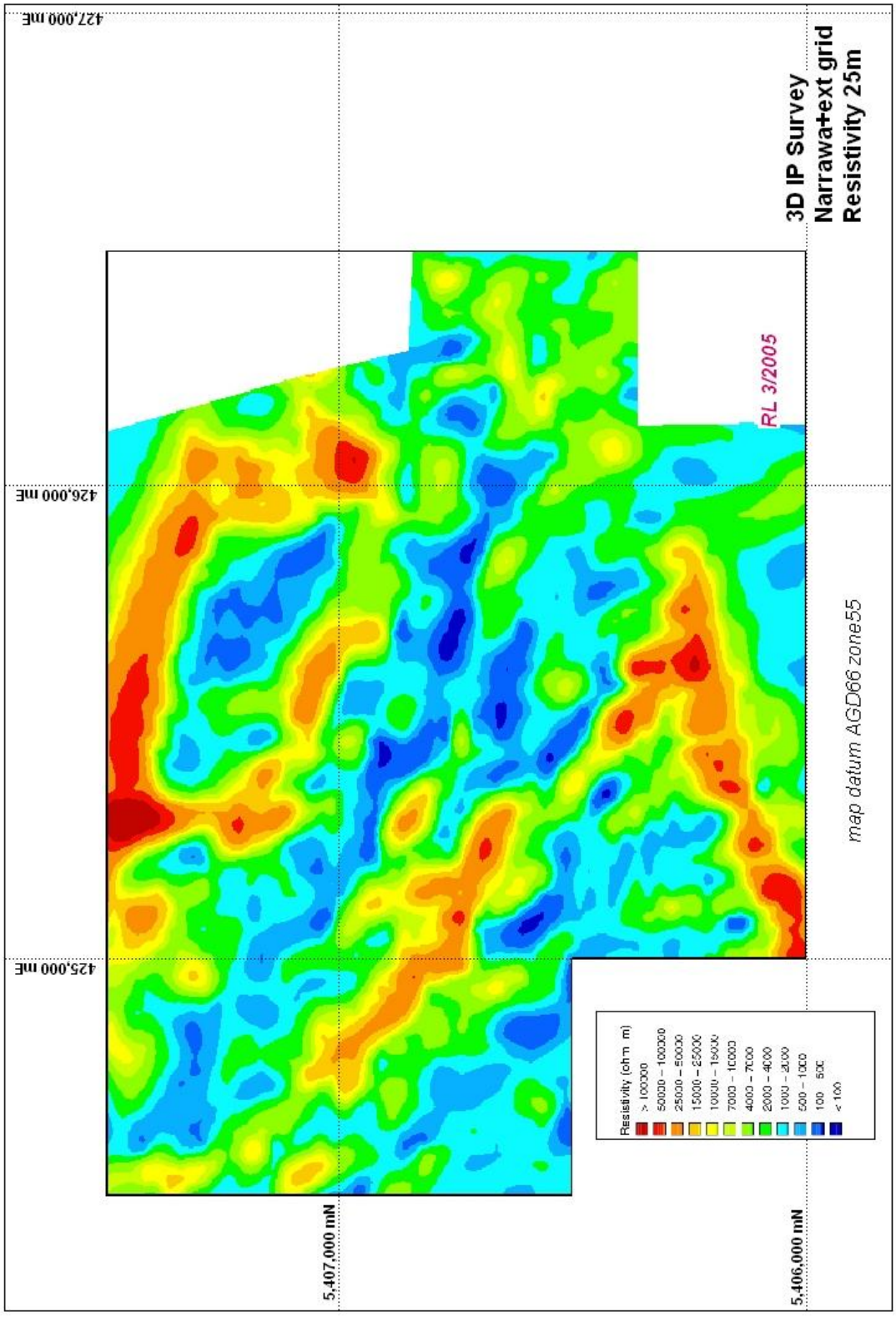


Figure 6.13: 3D IP survey results – resistivity at 25m below surface (Narrawa+Ext survey)

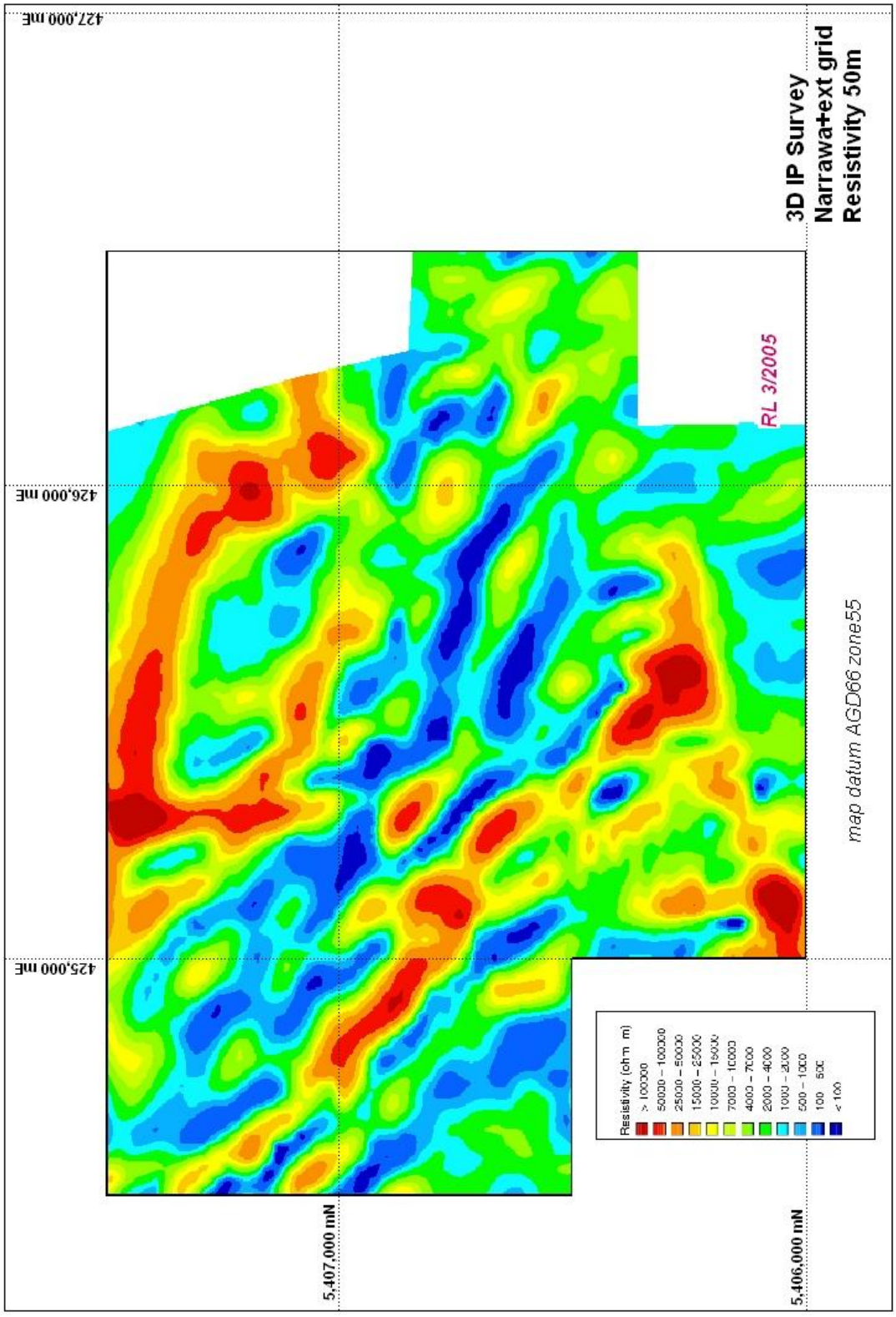


Figure 6.14: 3D IP survey results – resistivity at 50m below surface (Narrawa+Ext survey)

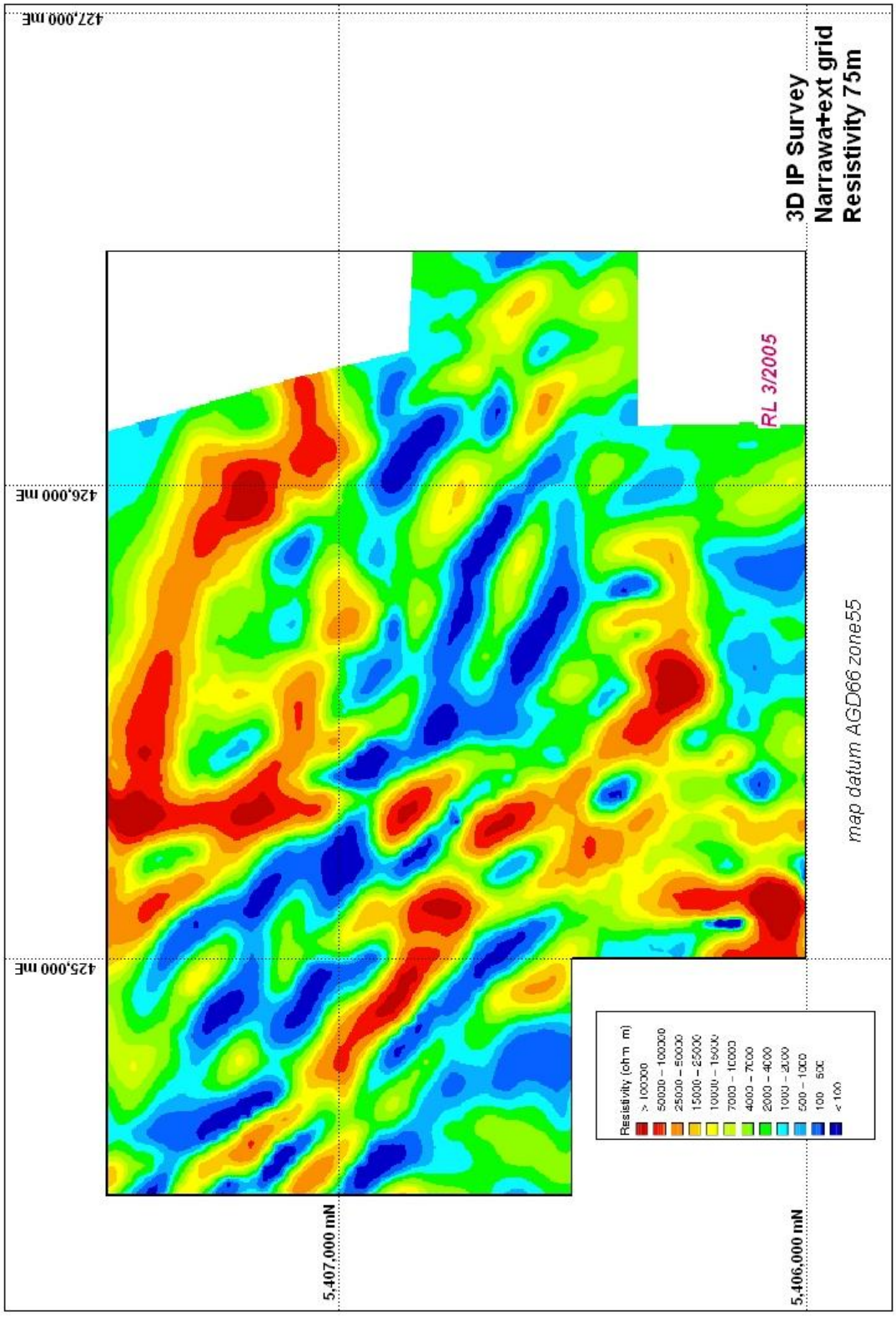


Figure 6.15: 3D IP survey results – resistivity at 75m below surface (Narrawa+Ext survey)

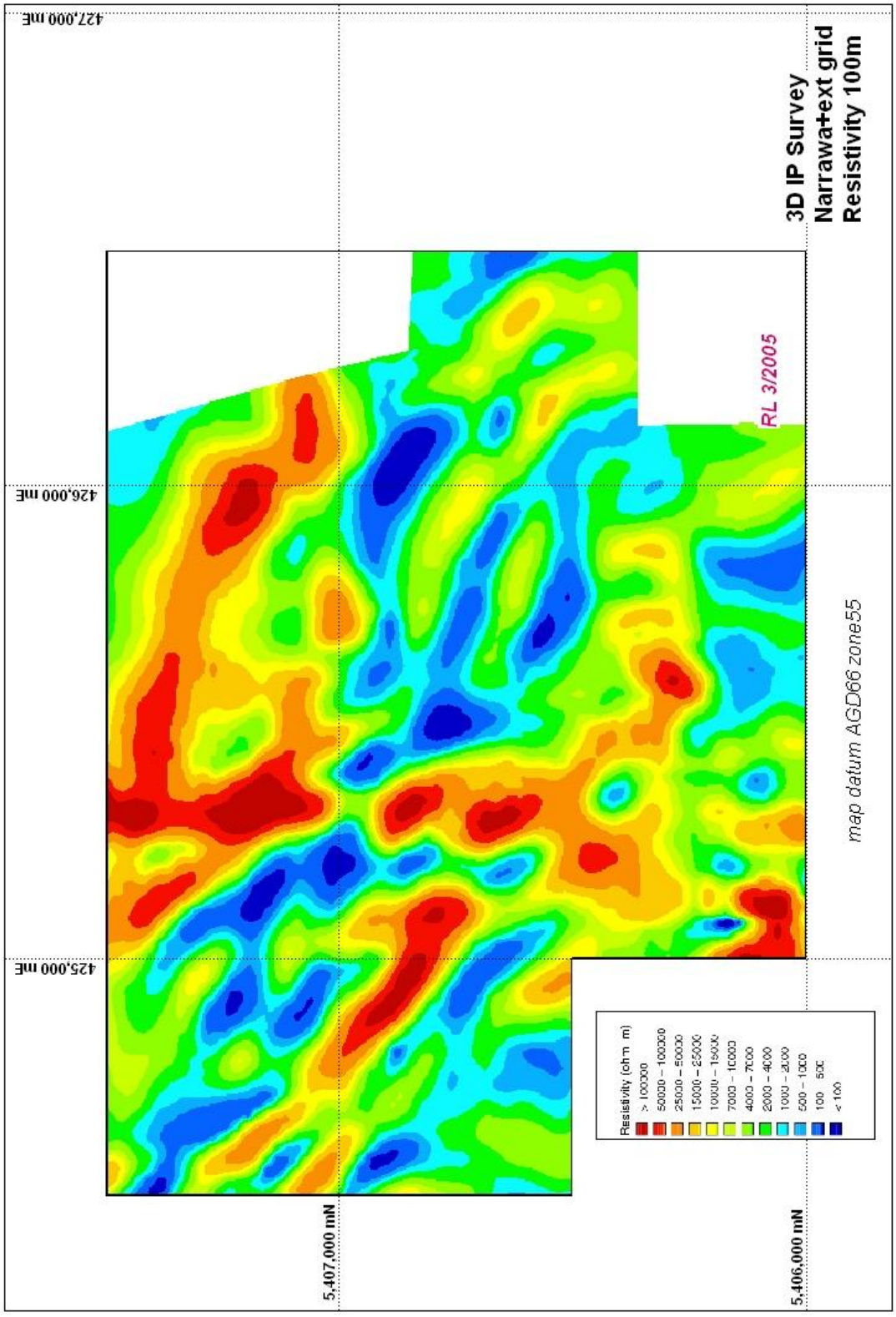


Figure 6.16: 3D IP survey results – resistivity at 100m below surface (Narrawa+Ext survey)

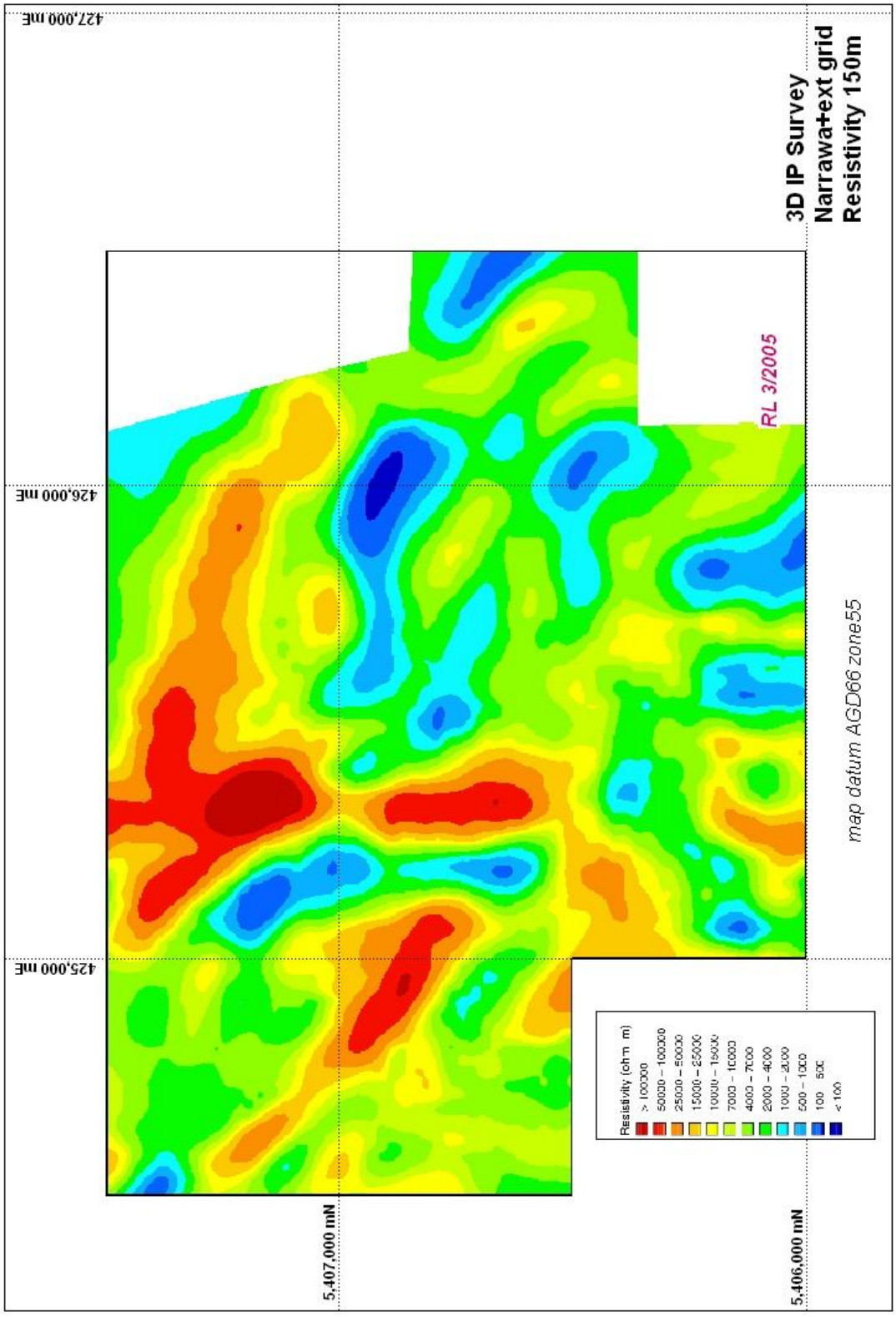


Figure 6.17: 3D IP survey results – resistivity at 150m below surface (Narrawa+Ext survey)

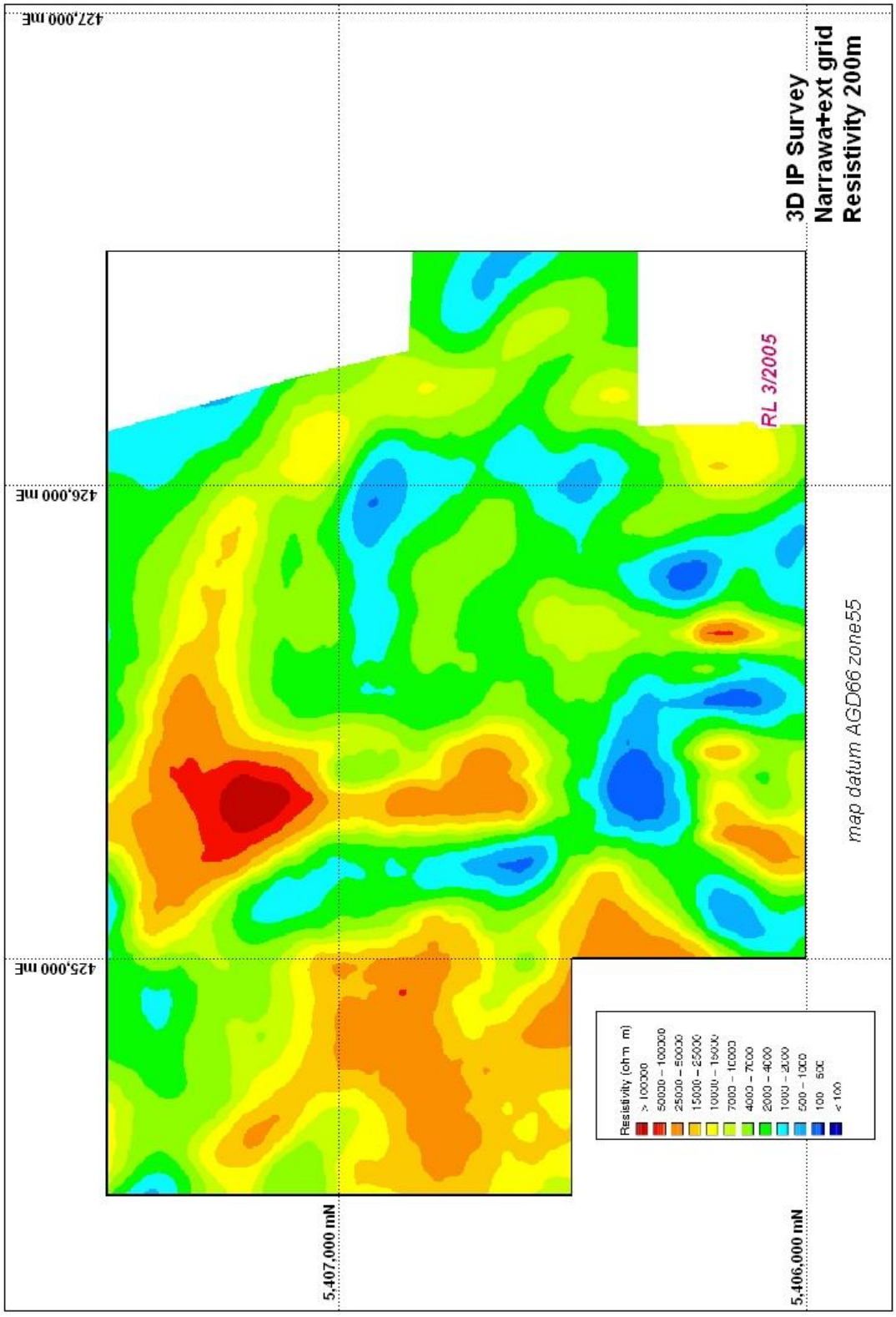


Figure 6.18: 3D IP survey results – resistivity at 200m below surface (Narrawa+Ext survey)

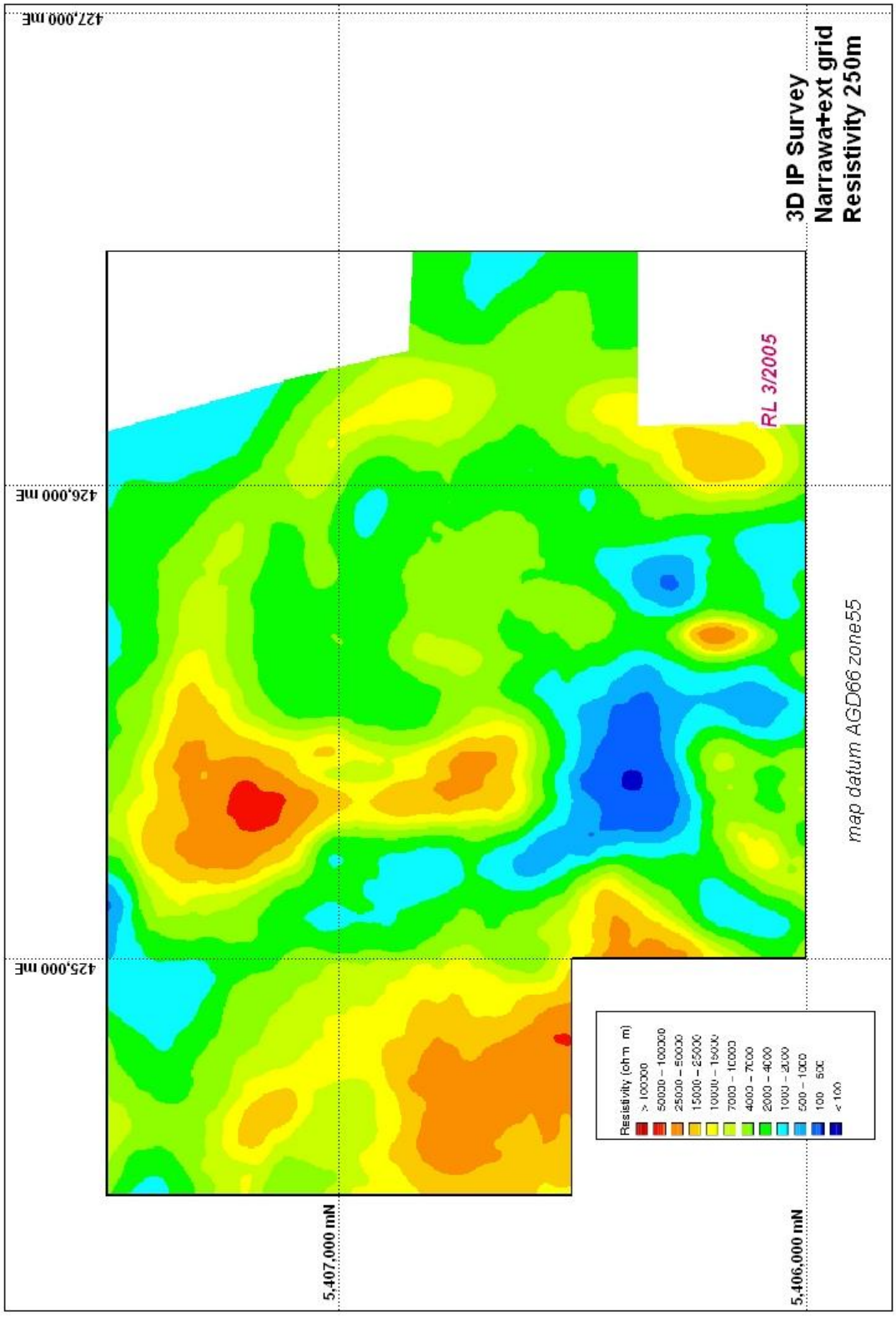


Figure 6.19: 3D IP survey results – resistivity at 250m below surface (Narrawa+Ext survey)

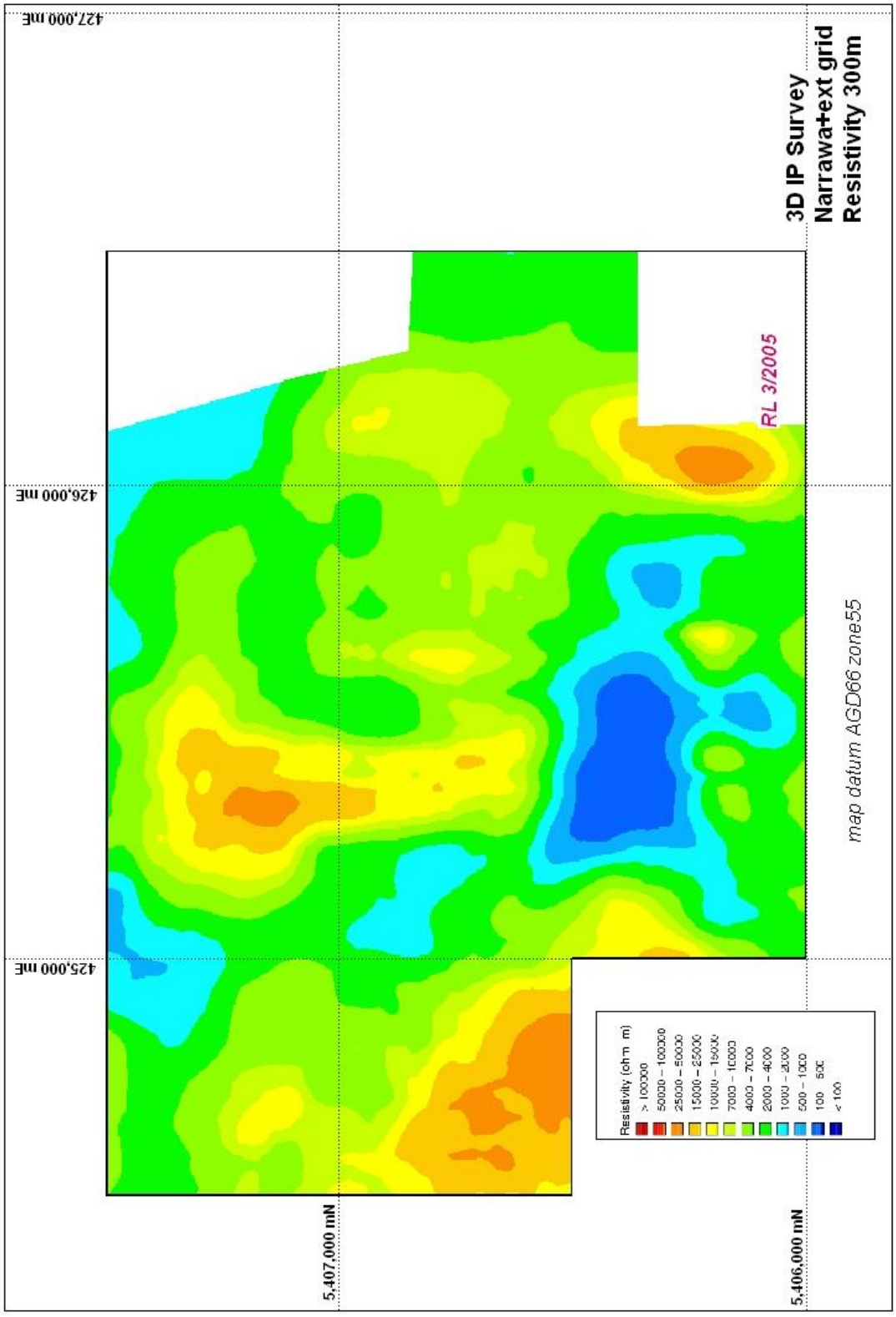


Figure 6.20: 3D IP survey results – resistivity at 300m below surface (Narrawa+Ext survey)

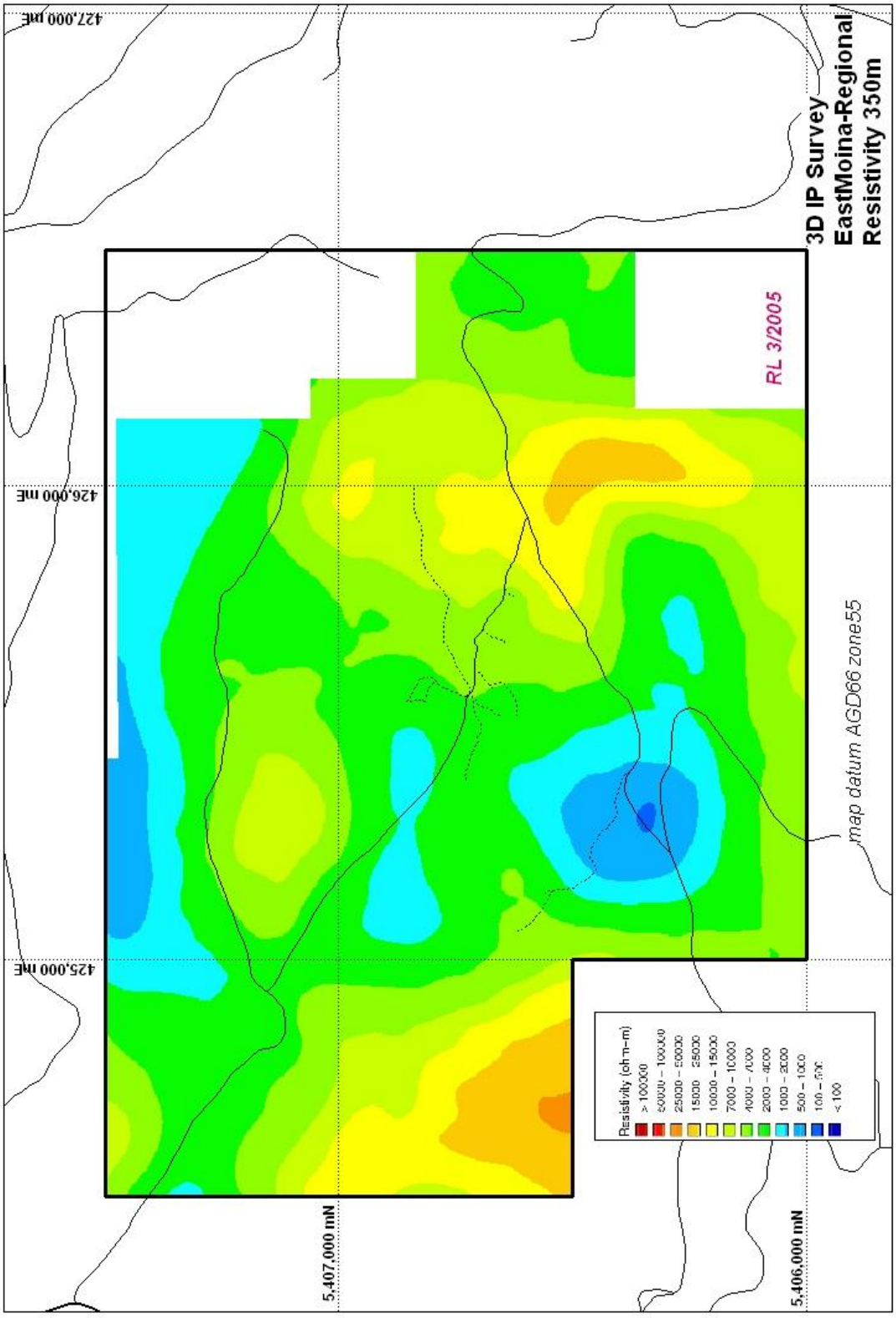


Figure 6.21: 3D IP survey results – resistivity at 350m below surface (East Moina Regional survey)

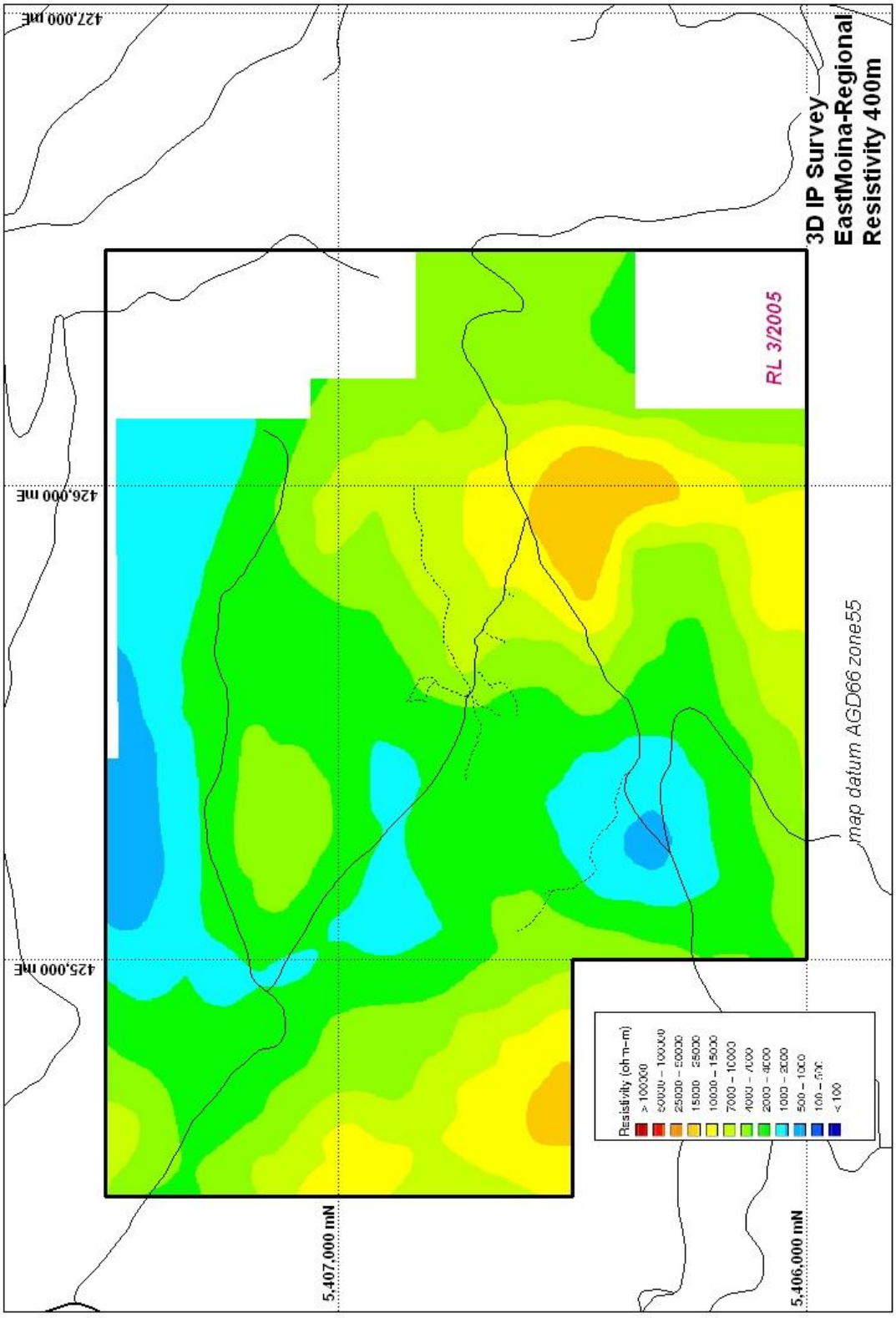


Figure 6.22: 3D IP survey results – resistivity at 400m below surface (East Moina Regional survey)

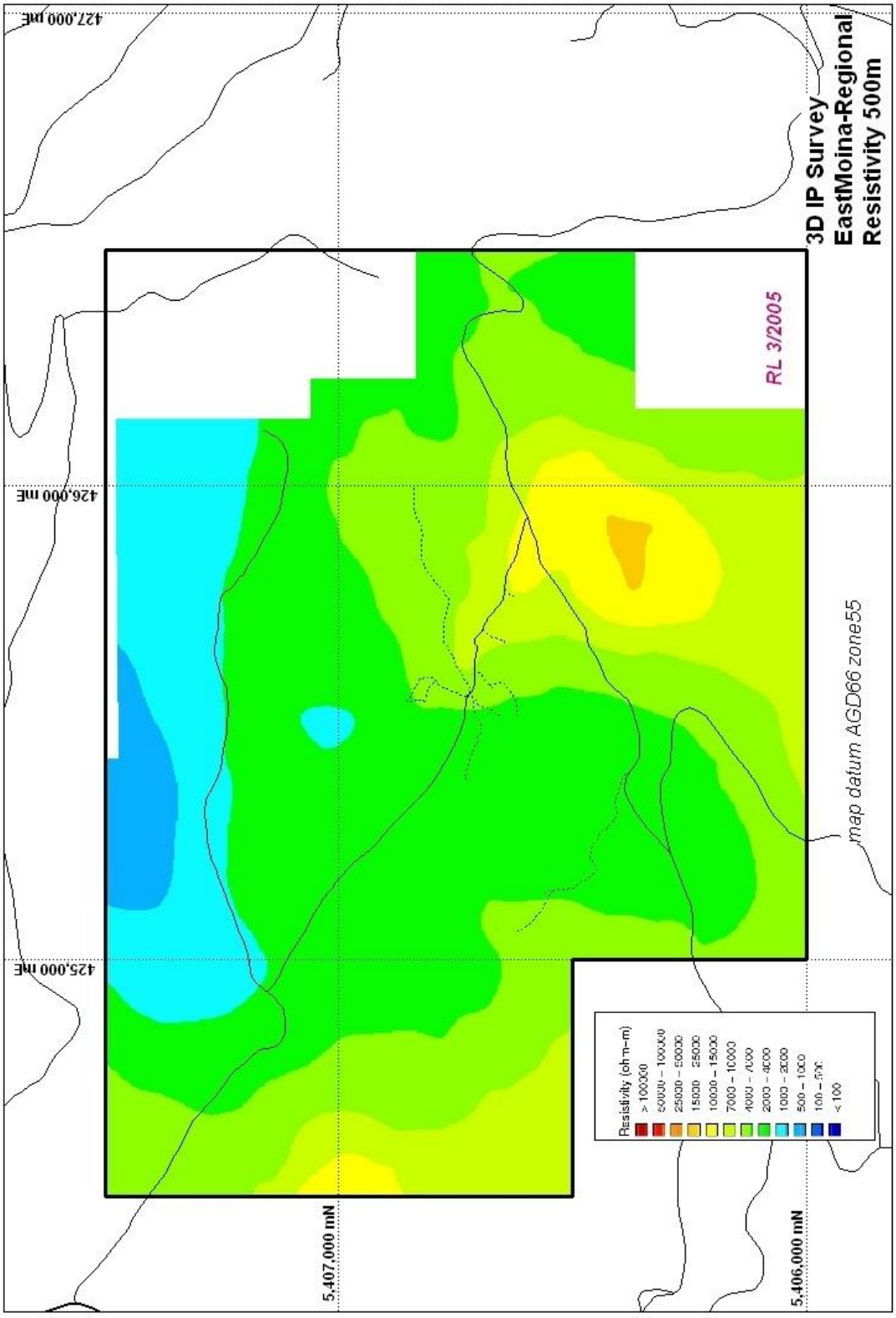


Figure 6.23: 3D IP survey results – resistivity at 500m below surface (East Moina Regional survey)

The recently completed 3D IP has added immensely to understanding the sub-surface geology and in defining and mapping mineralised trends. In particular the resistivity data, or more particularly the inverse of this, conductivity, maps out mineralised trends in some detail (see figure 6.25).

That is, 3D IP resistivity lows are equivalent to conductivity highs. Thus blue (cool) zones in resistivity images represent conductive rocks. Pyrrhotite and pyrite, common gangue minerals in the Higgs lodes, are excellent conductors and so it is not surprising that the Higgs lodes correspond with resistivity lows.

Sub-parallel blue (low) finger-like tends extend west-north westerly to north-westerly from the margin of the Dolcoath Granite through the Narrawa Valley. The *Higgs trend* hosts the Higgs deposit and extends 300-400m towards the granite with the few drillholes in this region drilled to the north of the trend. West of the Higgs resource the conductivity trend appears to jog across a structure and merge with the Packetts trend, potentially explaining the structural complexity in this part of the resource.

Other clearly defined conductive trends are

- *Narrawa Reward trend* which merges with the *Big Sister trend* thus extending over 1km in strike. This trend is further detailed below but is already known to host the 500 lode, the Narrawa Reward lode as well as extensive cover of Au anomalous soil geochemistry.
- *Middle Sister trend*
- *Little Sister trend* which strikes for 300-400m and hosts the NC04 prospect.
- *Waterfall trend* which corresponds to outcropping skarn mineralisation in Narrawa Creek.
- *West Packetts trend* which strikes for 600m and appears to host the westerly extension of the Higgs resource.

The source of these conductivity anomalies is quite possibly due directly to the semi-massive sulphide (in-part) nature of Higgs style mineralisation. It is also possible that some anomalous conductivity reflects shearing, altered porphyry dykes and/or quartz+/-W+/-Mo+/-Bi lodes.

A significant discrete conductivity anomaly lies 200-400m below the surface at 5,406,400mN 425,400mE. It sits beneath the high chargeability zone (see below) and thus possibly fits Newnham's (1993) model of buried skarn beneath his Hugo thrust, though the anomaly may also lie in the granite.

The other feature more apparent from the sectional view is the wedge shaped zone of generally anomalous chargeability lying near surface. This is apparent in plan but also shown very clearly in section 425,490mE in figure 6.26. The source of the anomalous chargeability is likely to be in part pyritic Moina Sandstone, as the anomalies break surface where outcrop is (leached) Moina Sandstone. At depth the response may be also due to altered volcanics or the granite margin.

The source of the more discrete higher chargeability zone at depth below the northern edge of the tenement is less clear as it has a different magnetic signature.

Figure 6.26 shows the contact between the overlying elevated chargeability zone and the underlying lower chargeability zone is a thrust though a reasonable alternative explanation is that it is the contact between overlying Moina Sandstone and underlying granite. The third alternative is a combination of the two with earlier thrusting defining the upper bound of granite intrusion.

The thrust interpretation is influenced by Newnham's (1993) recognition of the Hugo Thrust overlying the Hugo Skarn (to immediate west of licence boundary) and his postulation that it extended easterly from there.

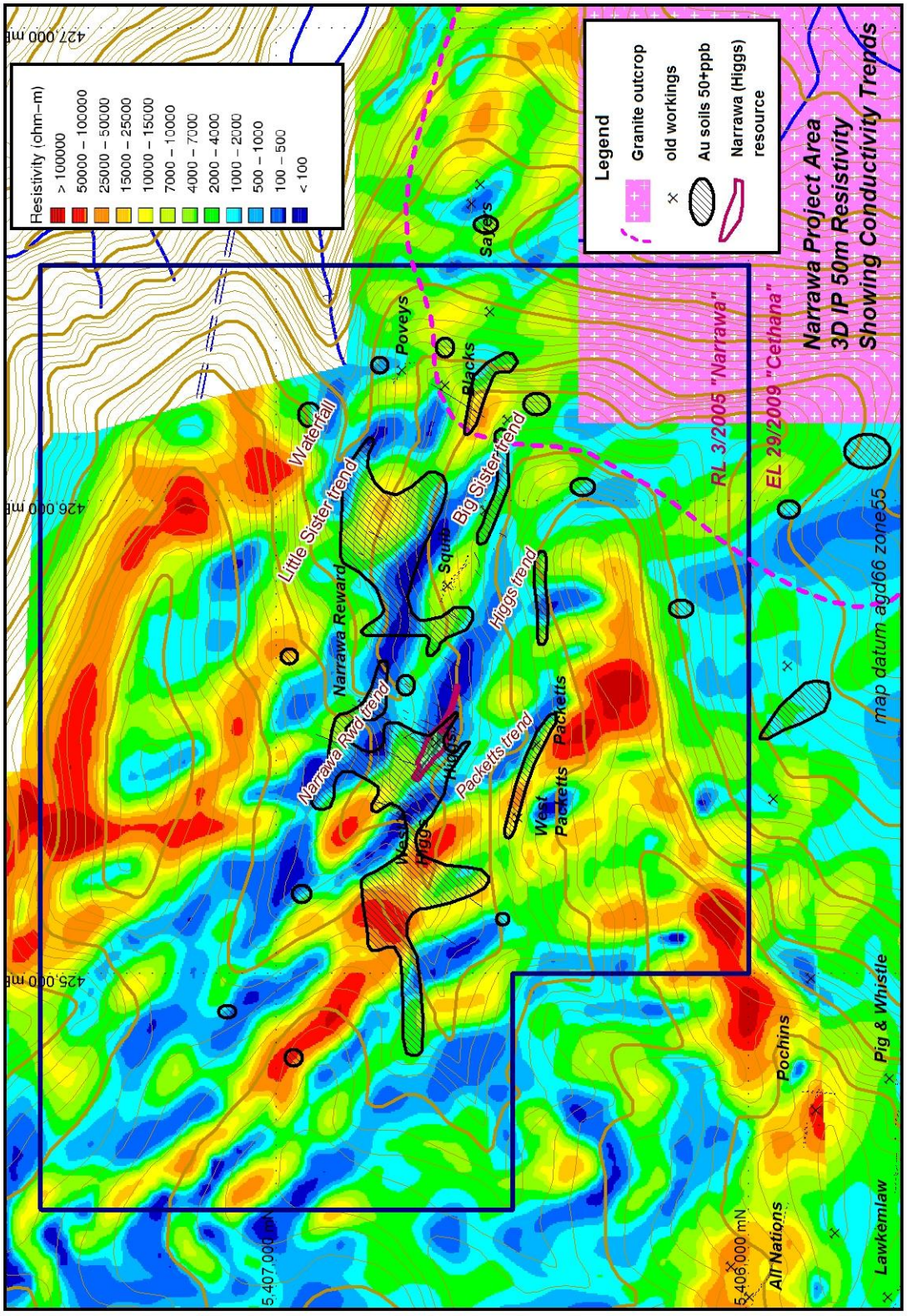


Figure 6.24: Conductivity trends as defined by resistivity at 50m depth. These anomalous conductivity trends are resistivity lows and shown in cold colours i.e. blue.

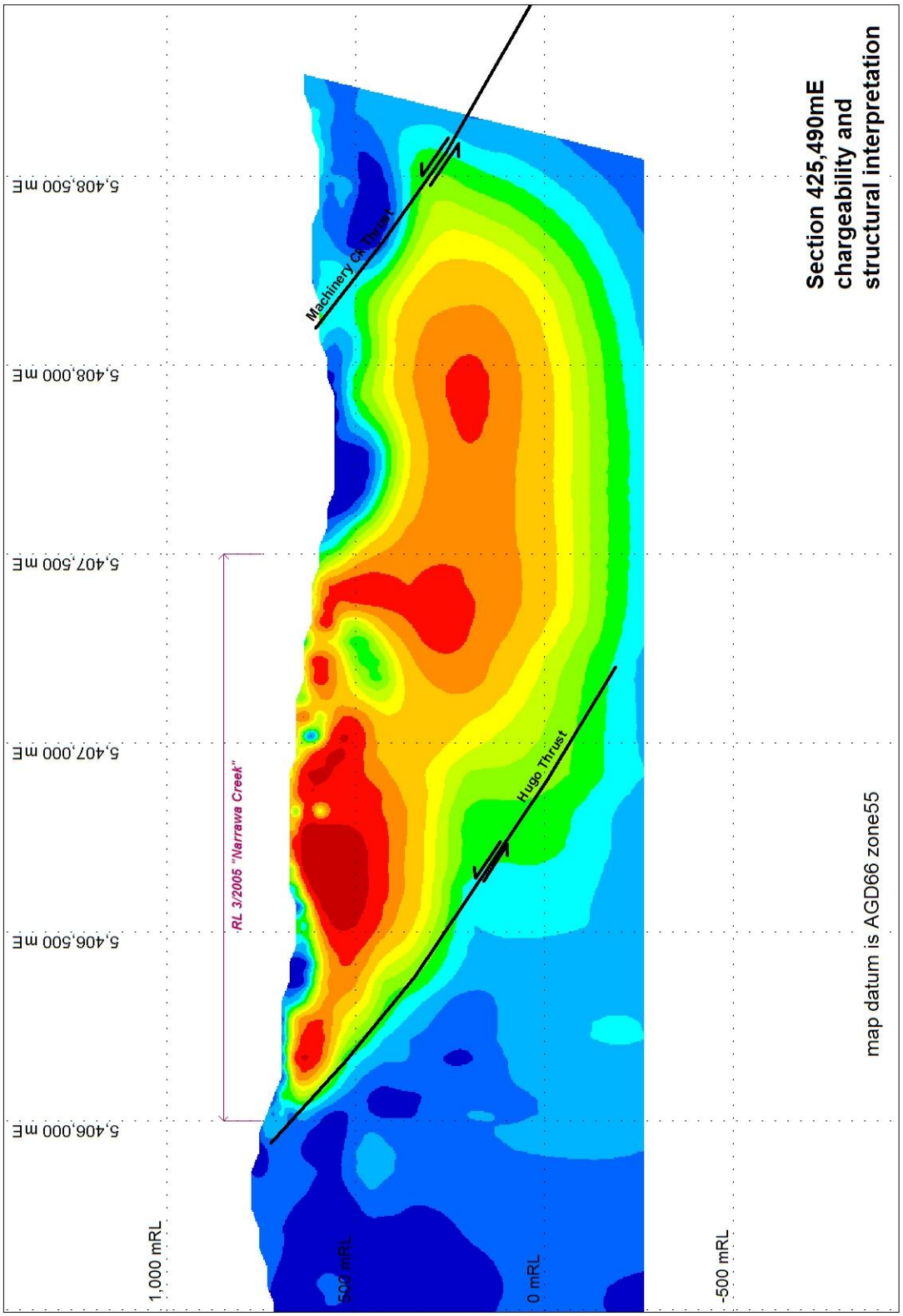


Figure 6.25: Section 425,490mE (AGD66) showing wedge shaped chargeability anomalous zone with base interpreted as Hugo Thrust.

6.3 Drilling

6.3.1 Introduction

Drilling commenced in early December and consisted of 9 holes for 384.8m at three prospects. 8 holes were drilled by the Poltock man-portable rig using TT56 gear. The other hole was drilled by Frontier's own-built skid mounted rig.

Core logs are included in appendix B. Assays are included in appendix C.

6.3.2 NC54, NC55, NC56 and NC57 – Higgs Resource Drilling

The Narrawa Resource (based around the old Higgs workings) contains 162754t @ 2.11g/t Au, 1.42% Pb, 1.2% Zn and 20.5g/t Ag in the Indicated Category, 46574t @ 2.07g/t Au, 0.98% Pb, 0.81% Zn and 16g/t Ag in the Inferred Category making a total of 209328t @ 2.1g/t Au, 1.32% Pb, 1.11% Zn and 19.5g/t Ag

The ore body consists of four west-northwest striking stratiform and stratabound mineralised "lodes" (i.e. 100, 200, 300 and 400 lodes) dipping -65^{o} to -70^{o} north-north easterly near the base of the 30^{o} slope on the southern side of Narrawa Creek. The upper parts of the 100 lode were worked in the 30's with three short adits and open stoping to the surface.

Channel sampling and a number of phases of diamond drilling by CRAE, Goldfields Exploration and Jervois as well as Frontier have defined the resource around the 100, 200 and 300 lodes from surface to a depth of 60 metres.

Four holes were drilled in and around the existing Higgs resource as part of a programme to add to the knowledge of the existing resource and potentially upgrade some of the Inferred resource to Indicated status, and in part to test the newly acquired Poltock man-portable rig. After 4 holes were completed the programme was deferred with drilling moving to other untested targets.

NC54, NC55 and NC56 were drilled with the Poltock rig. Hole NC57 was drilled with Frontier's own skid mounted rig (capable of drilling NQ to 400m). Hole locations are shown on figure 6.26.

Holes NC54 and NC55 were problematic with significant core loss and rubble falling into the hole. These two holes acted as "learners" for Frontier's drillers. For this reason these holes have not been sampled as assays may be misleading and misrepresentative, however, no significant mineralisation aside from some disseminated pyrite in siltstone was intersected though it is possible that significant sections of core loss represent better mineralised zones.

It is more likely that the intersections both lie west of a fault, a structure shown initially on Purvis plan with economic mineralisation not continuing beyond the fault, a conclusion supported by the position of the western end of the old stoping.

NC56 was drilled by the Poltock rig beneath the old open stoping in an area of relative low drill intercept density. Core recovery was excellent throughout.

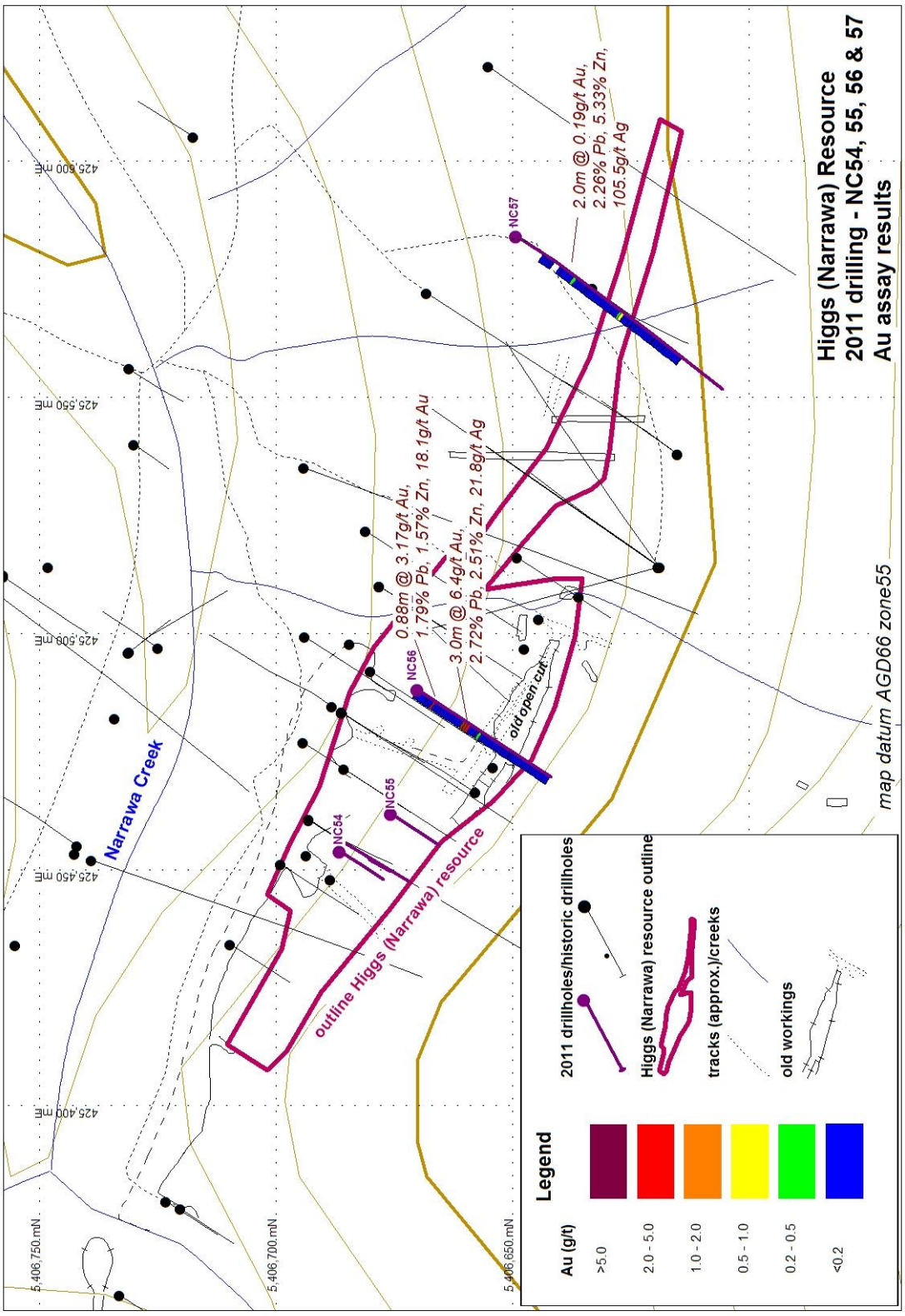


Figure 6.26: Narrawa (Higgs) resource with locations NC54, 55, 56 and 57 shown.

NC56 summary log

0m - 7.3m	Sandstone, minor biotite hornfels
7.3m - 7.4m	Quartz vein
7.4m - 11.3m	Sandstone
11.3m - 11.45m	Quartz vein
11.45m - 11.75m	Sandstone
11.75m - 11.9m	Fault?
11.9m - 12.4m	Sandstone
12.4m - 13.75m	Fault zone?
13.75m - 14.8m	Sandstone
14.8m - 15.1m	Quartz vein
15.1m - 21.4m	Sandstone
21.4m - 28.2m	Biotite hornfels, minor calc-silicates
28.2m - 31.4m	Sandstone
31.4m - 32.9m	Biotite hornfels
32.9m - 52.4m	Sandstone, minor biotite hornfels
E.O.H.	

The hole intersected the 100 lode and 200 lode with the 400 lode also represented.

- 6.37m to 7.25m, 0.88m @ 3.17g/t Au, 1.79% Pb, 1.57% Zn and 18.1g/t Ag
- 18.0m to 21.0m, 3.0m @ 6.4g/t Au, 2.72% Pb, 2.51% Zn and 21.8g/t Ag
- 23.75m to 27.5m, 3.75m @ 0.13g/t Au, 2.03% Pb, 2.28% Zn and 19.9g/t Ag
- 32.4m to 32.9m, 0.5m @ 0.04g/t Au, 1.03% Pb, 1.38% Zn and 10.1g/t Ag
- 44.0m to 47.9m, 3.9m @ 0.03g/t Au, 0.72% Pb, 0.95% Zn and 8.9g/t Ag

NC57 summary log

0m - 8.5m	Sandstone
8.5 - 8.6m	Fault
8.6 - 10.4m	Sandstone
10.4 - 15.0m	Biotite hornfels, calc-silicates
15.0m - 18.5m	Sandstone, minor biotite, calc-silicates
18.5 - 18.7m	Fault
18.7 - 19.1m	Abundant magnetite, pyrrhotite in biotite hornfels
19.1 - 21.6m	Biotite hornfels, calc-silicates
21.6 - 24.9m	Abundant magnetite, pyrrhotite in biotite hornfels
24.9 - 25.5m	Fault
25.5 - 27.8m	Calc silicates, biotite hornfels
27.8 - 27.9m	Abundant magnetite, pyrrhotite in biotite hornfels
27.9 - 29.2m	Biotite hornfels
29.2 - 32.5m	Calc-silicates, sandstone
32.5 - 44.8m	Skarn, calc-silicates, sandstone
44.8 - 48.2m	Biotite hornfels
48.2 - 81.0m	Sandstone, biotite, calc-silicates
E.O.H.	

NC57 was drilled to test the 300 lode. The hole intersected;

- 21.6m to 25.5m, 3.9m @ 0.11g/t Au, 1.37% Pb, 3.08% Zn and 62.0g/t Ag
    - inc.; 21.6m to 23.6m, 2.0m @ 0.19g/t Au, 2.26% Pb, 5.33% Zn and 105.5g/t Ag
- 53.0m to 54.4m, 1.4m @ 0.02g/t Au, 0.88% Pb, 0.98% Zn and 12.7g/t Ag
- 64.5m to 65.0m, 0.5m @ 0.5g/t Au, 0.84% Pb, 0.89% Zn and 15.4g/t Ag

6.3.3 NC58 and NC59 – 500 Lode Drilling

Previous exploration on the north side of Narrawa Creek has discovered outcropping gold mineralisation in a shallowly north dipping pyrrhotite+gold lens.

The lens has been sampled in trenches by GFEL, CRAE and Frontier and in a number of drillholes.

Frontier has previously called the lens the "666 Lode" the current geological team would prefer a less offensive name and logically the next lode should be the 500 lode.

Two vertical holes were drilled to further test this zone. Hole locations are shown on figure 6.27.

NC58 was targeted to test this zone 20m west of NC37.

NC58 summary log

0m -1.5m	Road material
1.5m - 1.7m	Core loss
1.7m - 3.1m	Skarn
3.1m - 4.35m	Biotite hornfels
4.35m - 5.35m	Skarn, calc-silicate
5.35m - 8.7m	Biotite hornfels, minor to semi massive/massive pyrite, very minor galena
8.7m – 16.0m	Mixed, sandstone, brown biotite and calc-silicates
16.0m - 18.1m	Quartz+feldspar porphyry
18.1m - 25.3m	Mixed sandstone, brown biotite and calc-silicates
25.3m - 28.9m	Sandstone, calc-silicates
E.O.H.	

Best results were;

- 1.7m to 4.7m, 3.0m @ 0.96g/t Au

NC59 was targeted to test this lens 30m east of NC37. Results were all low.

NC59 summary log

0m - 3.9m	Sandstone
3.9m - 10.85m	Mixed, sandstone, minor brown biotite and calc silicates
10.85m - 12.7m	Sandstone
12.7m - 26.2m	Mixed, sandstone, brown biotite and calc-silicates
26.2m – 30.0m	Biotite hornfels, calc-silicates
30.0m - 30.7m	Biotite hornfels
30.7m - 32.1m	Biotite hornfels, calc-silicates, minor actinolite?, pyroxene?
32.1m - 34.3m	Mixed, sandstone, minor brown biotite and calc-silicates
34.3m - 35.1m	Biotite hornfels, calc-silicates
35.1m - 42.3m	Sandstone, calc-silicates
42.3m - 42.5m	Siltstone
E.O.H.	

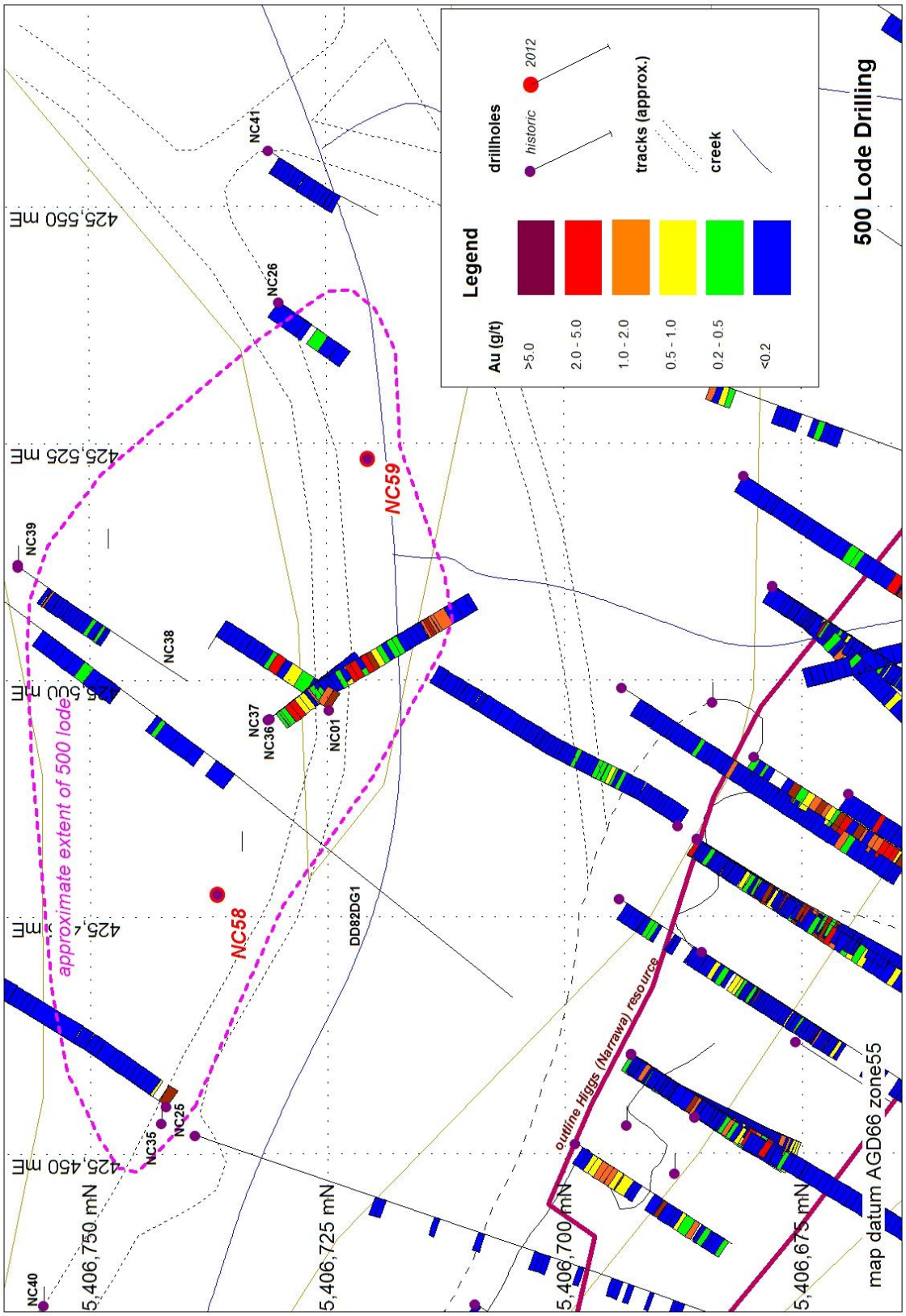


Figure 6.27: 500 lode drilling showing NC58 and NC59.

6.3.4 NC60, NC61 and NC62 – Three Sisters

Three TT56 diamond drill holes were drilled with the Poltock rig at the Three Sisters prospect coincident Au, W, Sn, Bi and Mo soil anomalism and magnetics and conductivity anomalies.

Soil sampling by GFEL, CRAE and Frontier's 2011 (MacDonald and Farrell, 2011) work has collectively defined a coherent zone of anomalous W, Mo, Bi and Sn and adjoining partly coincident Au anomalism along the northwestern margin of the Dolcoath Granite.

Earlier VLF-EM surveys have defined a number of sub-parallel west-northwest trending low order anomalous conductivity trends. On the northwest margin of the Dolcoath Granite these conductivity anomalies correspond with three discrete magnetic anomalies, known herein as the Three Sisters (due to their similar shape and diminishing size as the Blue Mountains rock formation), defined by Jervois 1996 helimagnetics survey and supported by earlier CRAE ground magnetics (part coverage).

NC60 and NC61 were drilled as a fence of holes beneath a 0.976g/t Au soil sample. Potential location errors (both original grid points and subsequent handheld GPS sample point location) meant that the precise sample point might be as much as 20m out. These two holes lie just north of the Narrawa Reward trend and are more optimally located for the testing the Au anomalous soils (see figure 6.28).

Modelling of the helimagnetics data by Phil Muir of SMEG and 3D modelling of the 3D IP conductivity highs shows the magnetic sources to be due to three discrete steeply north or north-northeast dipping tabular bodies (see figure 6.29).

2D resistivity contours from the recently completed 3D IP survey from surface but best expressed on the 100m image, define a series of 3 to 4 sub-parallel conductive zones trending west-northwesterly. One of these corresponds with the Narrawa Reward trend of anomalous soil geochemistry and VLF-EM. Another corresponds with the Higgs orebody ("Narrawa" resource) trend (see figure 6.24).

NC62 was drilled to attempt to intersect the top of the magnetic source. Potential location errors (both original helimagnetics GPS data and subsequent handheld GPS hole location) meant the hole might not be optimally located.

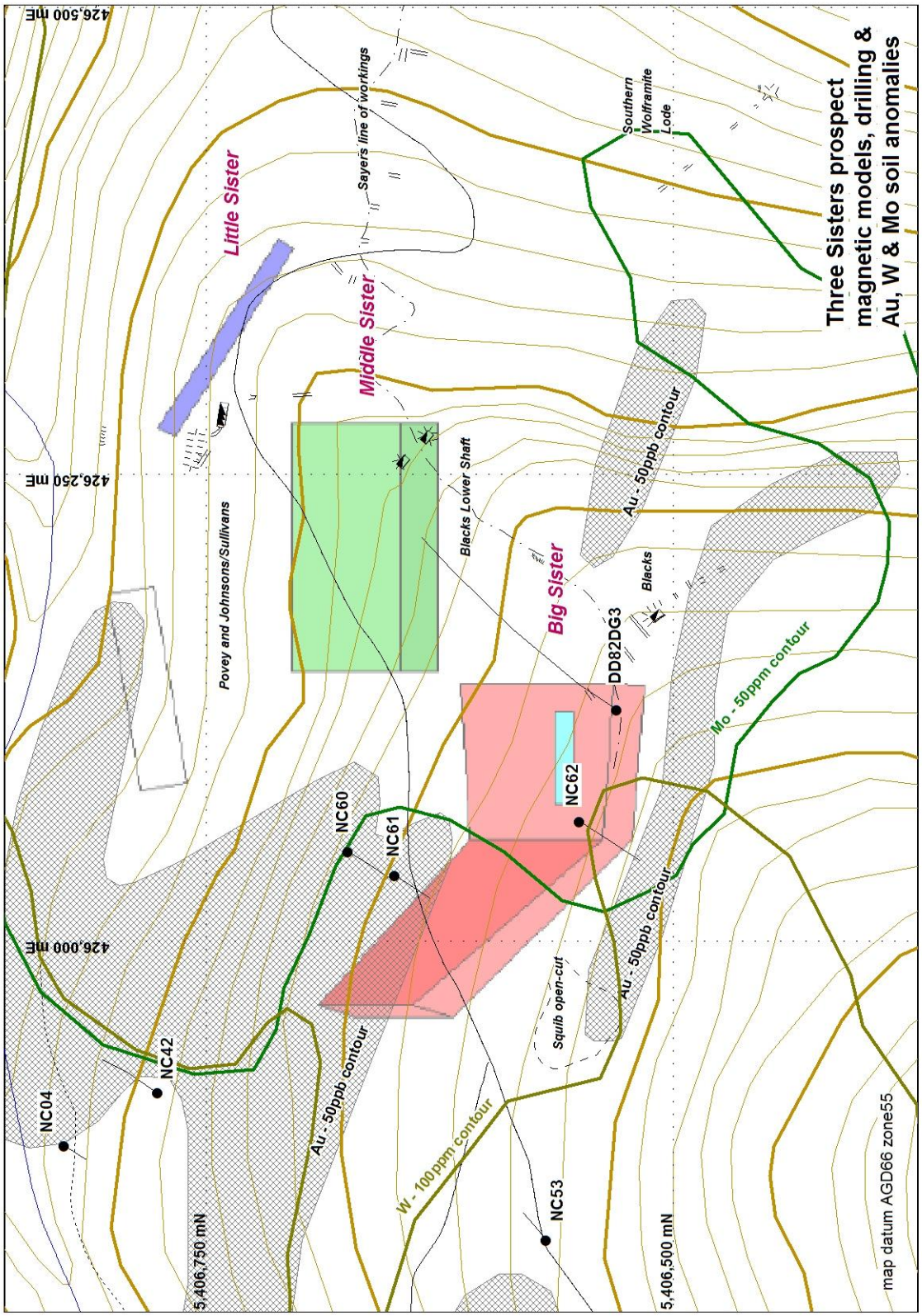


Figure 6.28: Three Sisters prospect drilling showing locations of NC60, NC61 and NC62 with respect to soil geochemistry.

NC60 summary log

0m - 1.5m	Soil
1.5m - 3.9m	Sandstone
3.96m -4.05m	Granitic dyke
4.05m -7.65m	Sandstone
7.65m - 7.75m	Biotite hornfels
7.75m - 9.9m	Granitic dyke
9.9m - 13.2m	Sandstone
13.2m - 15.8m	Fine sandstone/ siltstone
15.8m - 17.4m	Sandstone
17.4m - 17.8m	Semi massive pyrite, pyrrhotite, minor galena
17.8m - 20.9m	Siltstone
20.9m	Fault
20.9m - 28.5m	Biotite hornfels and skarn
28.5m - 29.2m	Calc-silicates
29.2m - 30.7m	Biotite hornfels
30.7m – 31.0m	Abundant pyrite, pyrrhotite, minor chalcopyrite in biotite hornfels
31.0m – 34.0m	Biotite hornfels
34.0m - 34.85m	Calc-silicates
34.85m - 42.6m	Biotite hornfels, variable minor pyrite, pyrrhotite
42.6m - 45.05m	Sandstone
E.O.H.	

NC61 summary log

0m - 1.9m	Soil
1.9m - 6.3m	weathered biotite hornfels
6.3m - 13.6m	Biotite hornfels, minor pyrite, pyrrhotite
13.6m – 14m	Sandstone
14.0m - 14.65m	Semi massive/ massive pyrite, minor chalcopyrite
14.65m – 15.0m	Quartz vein with coarse molybdenite
15.0m – 26.0m	Biotite hornfels
26.0m - 27.1m	Sandstone
27.1m - 30.6m	Biotite hornfels, variable magnetite, pyrite, pyrrhotite
30.6m - 31.6m	Quartzite
31.6m - 33.3m	Biotite hornfels,variable magnetite, pyrite, pyrrhotite
33.3m – 35.0m	Quartzite
35.0m - 38.5m	Interbedding? Biotite hornfels, calc silicates
38.5m - 39.4m	Quarttzite
39.4m - 39.9m	Biotite hornfels
39.9m - 40.2m	Calc-silicates
40.2m - 40.4m	Granite
E.O.H.	

NC61 was collared by projecting vertically above the end of NC60 and moving back 3m, meaning a distance of 24m from NC60's collar. NC61 intersected

- NC61; 14.7m to 15.0m, 0.3m @ 9.22% Mo

NC62 was targeted at the intersection of the two tabular objects modelled by Phil Muir to represent the bigger of the Three Sisters, i.e. Big Sister.

Due to the depth of the anomaly and the depth capacity of the rig, only the very top edge of the anomaly could be reached, but it was hoped that there may be a lower tenor continuation up-dip from the magnetic source providing information regarding the source.

The hole was drilled at -50 to 213 (true) for 60.7m

NC62 summary log

0m – 1.1m	Sandy soil
1.1m - 6.0m	Weathered Quartz+Feldspar porphyry
6.0m - 6.4m	Sandstone
6.4m - 7.15m	Weathered Quartz+Feldspar porphyry
7.15m - 7.6m	Sandstone
7.6m - 8.8m	Weathered Quartz+Feldspar porphyry
8.8m - 10.7m	Quartz+Feldspar porphyry
10.7m	Fault
10.7m - 13.35m	Sandstone
13.35m	Fault
13.35m – 21.0m	Sandstone, calc-silicates
21.0m - 21.5m	Quartz porphyry
21.5m - 21.85m	Calc-silicate, biotite hornfels
21.85m - 26.9m	Quartz porphyry
26.9m - 37.0m	Biotite hornfels, sandstone
37.0m	Fault
37.0m - 43.6m	Biotite hornfels, sandstone
43.6m - 44.5m	Biotite+K Feldspar altered granite
44.5m - 60.7m	Granite, minor greisen
E.O.H.	

Gold results were generally low with 3.85m (from surface) @ 0.59g/t Au and 0.4m @ 2.15g/t Au (from 30.6m) in NC60. Apart from these results the best Au were 0.18 and 0.12g/t Au in NC61 and 0.13g/t Au in NC62.

Apart from a 0.3m wide quartz+molybdenite vein intersected in NC61 which assayed 0.3m @ 9.2% Mo and 632ppm Bi (W was below detection limit) all W, Mo and Bi assays were low with best results

NC60: W to 166 and 45ppm, Mo to 147 and 126ppm and Bi to 143 and 84ppm

NC61: W to 119 and 122ppm, Mo to 135ppm and Bi to 47ppm

NC62: W to 885 and 338ppm, Mo to 491 and 121ppm and Bi to 251 and 204ppm

6.4 Three Sisters Magnetics Interpretation

The three magnetic anomalies which resemble the Blue Mountains formation in TMI, 1VD and 2VD images have been 3D modelled by Phil Muir of SMEG. Phil generated a number of tabular magnetic objects at moderate depth. Three of these strike east-west, the fourth striking west-northwest from one of these.

Initially these magnetic highs were considered to be coincident with the eastern ends of generally west-north westerly trending, relatively shallow, "conductive trends" defined by resistivity lows i.e. conductivity highs in the 3D IP data.

3D modelling of these conductivity anomalies combined with models of the magnetic sources shows the conductivity trends so defined to lie within the Moina Sandstone immediately above the granite with the magnetic sources lying beneath them in the upper part of the granite.

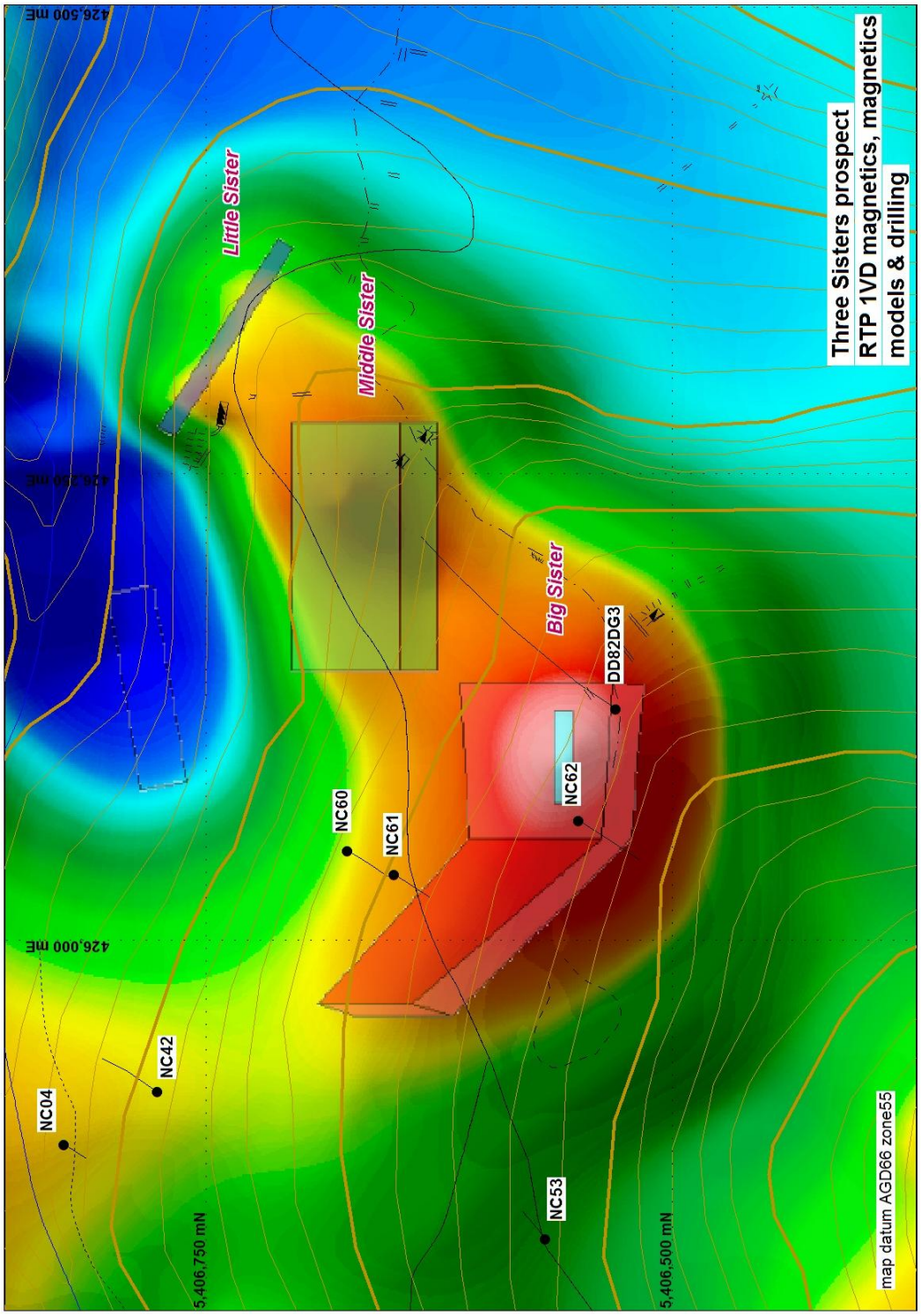


Figure 6.29: Three Sisters prospect showing magnetic image, modelled magnetic sources, conductivity trends and drillholes.

6.5 Channel Sampling

6.5.1 Introduction

Channel sampling was conducted at three prospects, Packetts and West Packetts, Squib open cut, and along the road-cut near the collar of NC4. Samples were collected at nominal 2m intervals by geology pick.

6.5.2 Packetts and West Packetts old workings

The Packetts and West Packetts workings consist of shallow trenches and open-cutting. The workings were pursuing disseminated gold in weathered Moina Sandstone.

29 samples for 53.8m were collected in 9 continuous channel samples named PCH1 to PCH9.

Results were generally low with best intervals

- PCH1; 0.0m to 9.0m, 9.0m @ 0.06g/t Au and 0.18% Pb
- PCH2; 0.0m to 2.0m, 2.0m @ 0.7g/t Au and 0.26% Pb
- PCH5; 3.0m to 5.0m, 2.0m @ 0.77g/t Au

The association with Pb is intriguing and is not replicated in anomalous Zn as is the association downslope in the Higgs lodes.

Bi is up to 413, 317 and 290ppm, Mo to 107, 61.2 and 32.3ppm, Sn to 1107, 635 and 577ppm and 2338, 405 and 301ppm W.

Channel sample locations and Au, Ag, Cu, Pb and Zn results are shown in figures 31 and 32. Assay results are included in appendix C.

6.5.3 Squib open cut

35 channel samples for 72.3m in 8 continuous channel samples were collected along exposed faces of the old open cut.

Au assays were elevated but only weakly with best result 0.29g/t Au (repeating at 0.33) with next best values 0.08g/t Au. W values were elevated but not sufficiently with best 1434, 1354 and 1253ppm with an overall mean of 622ppm, i.e. 0.06%.

Other results were also disappointing with Mo to 449, 278 and 271ppm, Bi to 402, 361 and 302ppm, Sn to 125, 82 and 80ppm.

In addition 2 x 2m channel samples were collected separately.

These assayed <0.01 and 0.02g/t Au, 77.2 and 34.4ppm Mo, 311 and 203ppm Sn, 290 and 313ppm Bi and 301 and 206ppm W

Channel sample locations and Au, Sn, W, Mo and Bi results are shown in figures 33 and 34. Assay results are included in appendix C.

6.5.4 NC4 prospect

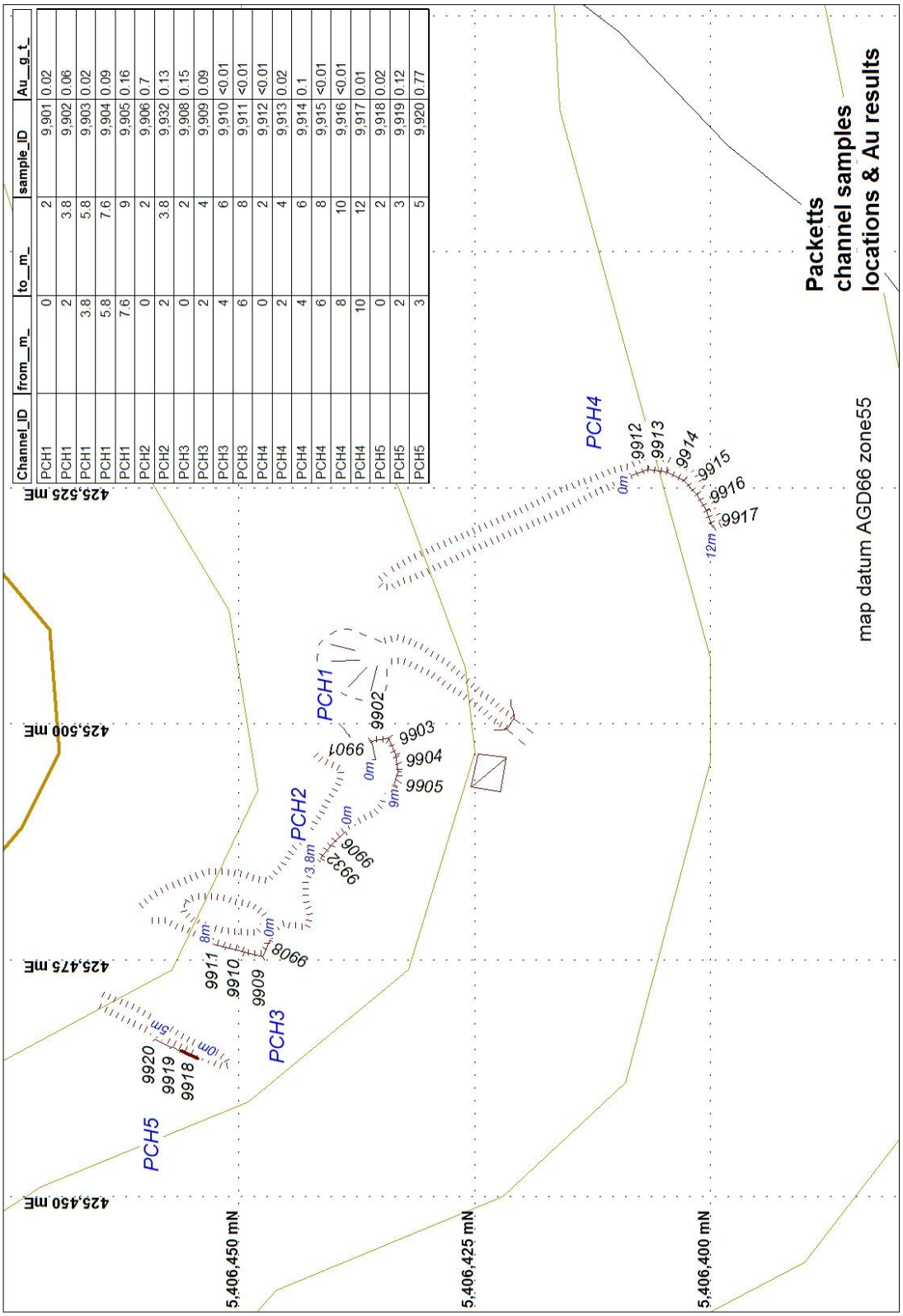
12 channel samples for 24m in 2 continuous channel samples named NC4CH1 and NC4CH2.

All samples are anomalous with only one sample below 0.5g/t Au (i.e. 0.36g/t Au) such that intervals are;

- NC4CH1; 0.0m to 10.0m, 10.0m @ 0.96g/t Au and 0.13% As
- NC4CH2; 0.0m to 12.0m, 12.0m @ 1.99g/t Au and 0.087% As

Bi to 313, 305 and 290ppm, Mo to 11.7, 10.6 and 7.5ppm, Sn 457, 311 and 293ppm and 25, 23 and 19ppm W. Significantly As is also anomalous throughout the channels with 2724, 2235, 2066, 1520 and 1381ppm As.

Channel sample locations and Au, Ag, Cu, Pb and Zn results are shown in figures 35 and 36. Assay results are included in appendix C.



Channel_ID	from__m_	to__m_	sample_ID	Au__g_t_
PCH1	0	2	9,901	0.02
PCH1	2	3.8	9,902	0.06
PCH1	3.8	5.8	9,903	0.02
PCH1	5.8	7.6	9,904	0.09
PCH1	7.6	9	9,905	0.16
PCH2	0	2	9,906	0.7
PCH2	2	3.8	9,932	0.13
PCH3	0	2	9,908	0.15
PCH3	2	4	9,909	0.09
PCH3	4	6	9,910	<0.01
PCH3	6	8	9,911	<0.01
PCH4	0	2	9,912	<0.01
PCH4	2	4	9,913	0.02
PCH4	4	6	9,914	0.1
PCH4	6	8	9,915	<0.01
PCH4	8	10	9,916	<0.01
PCH4	10	12	9,917	0.01
PCH5	0	2	9,918	0.02
PCH5	2	3	9,919	0.12
PCH5	3	5	9,920	0.77

Figure 6.30: Packetts channel sample locations and assay results.

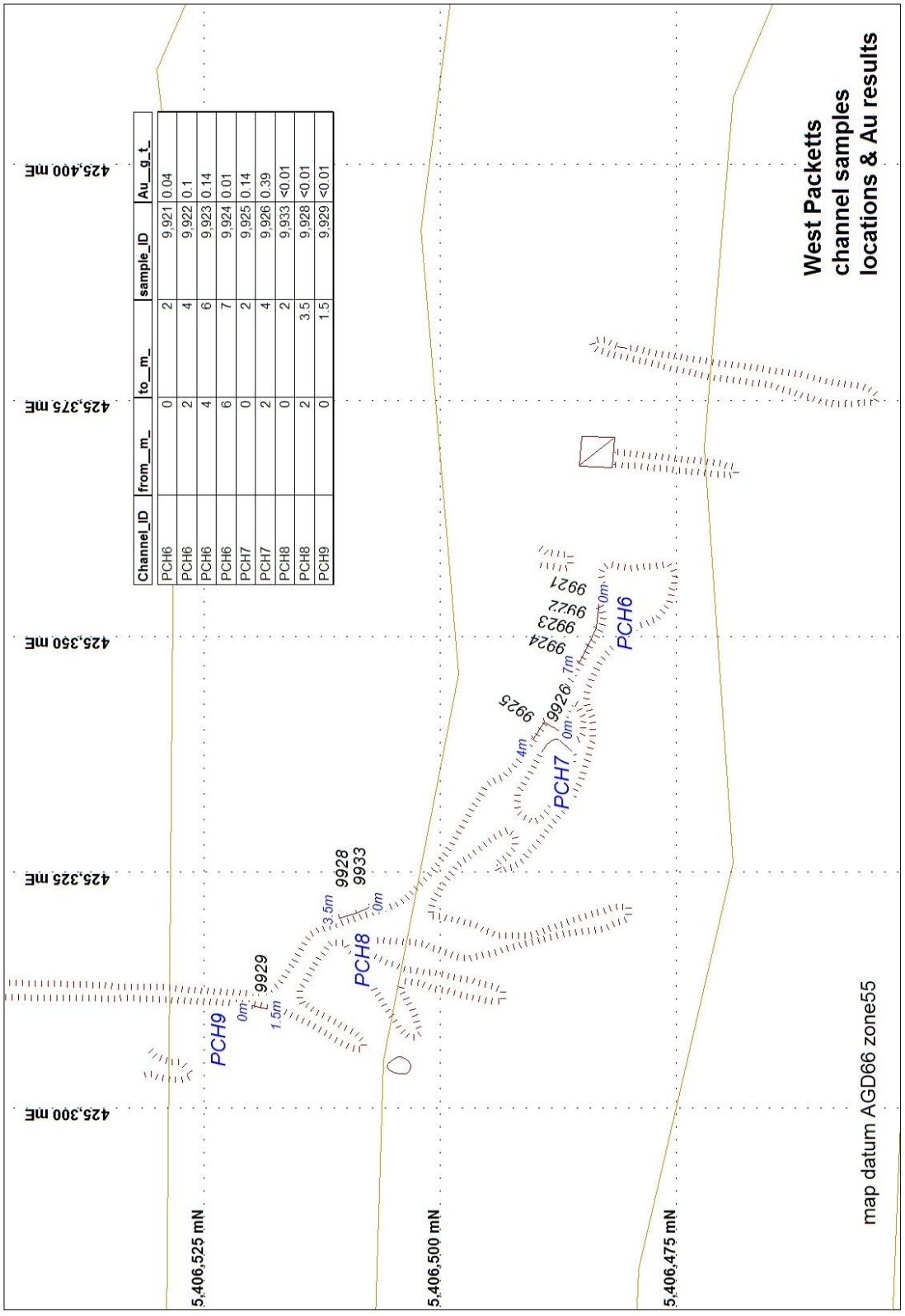


Figure 6.31: West Packetts channel sample locations and assay results.

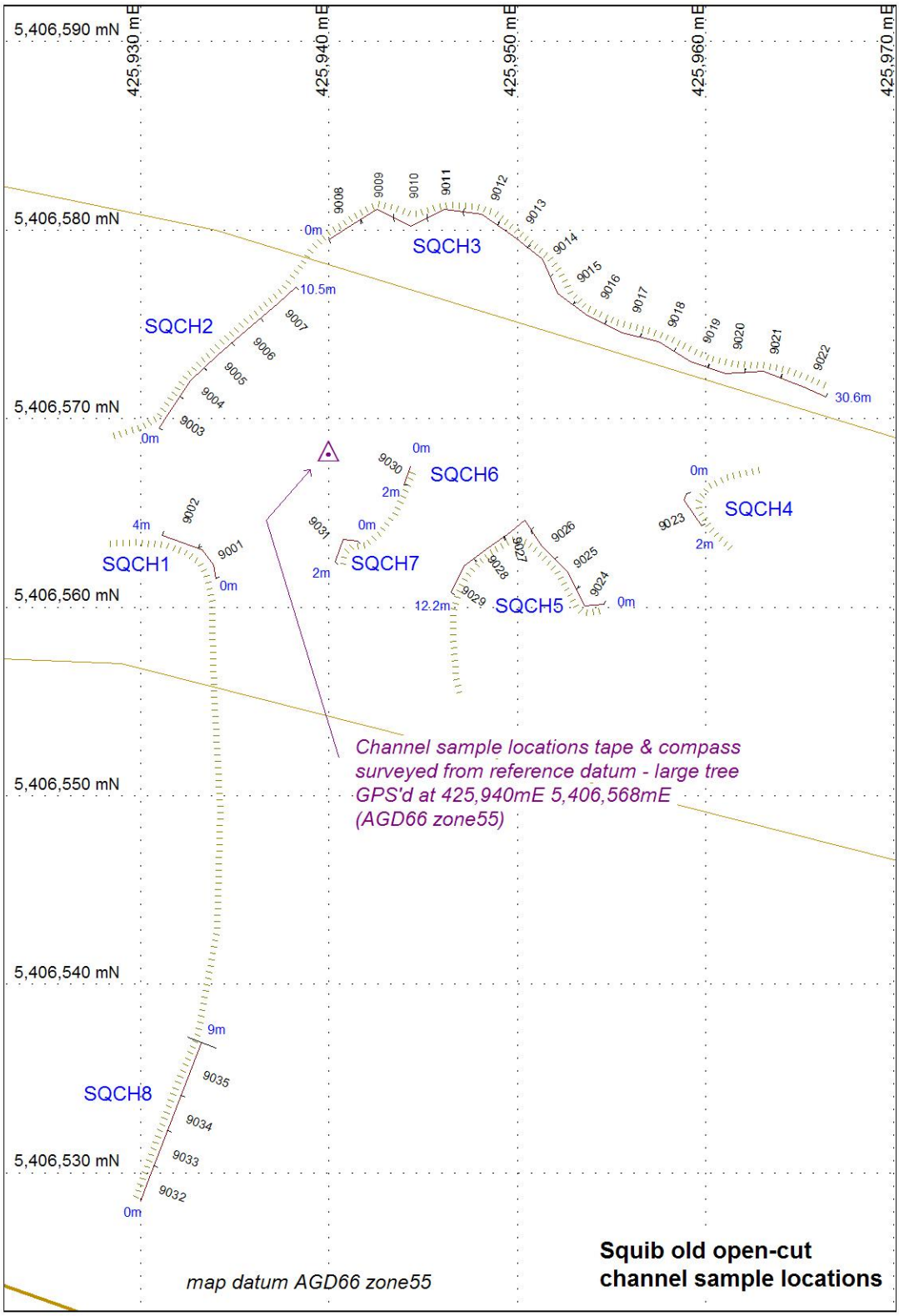


Figure 6.32: Squib old open-cut channel sample locations.

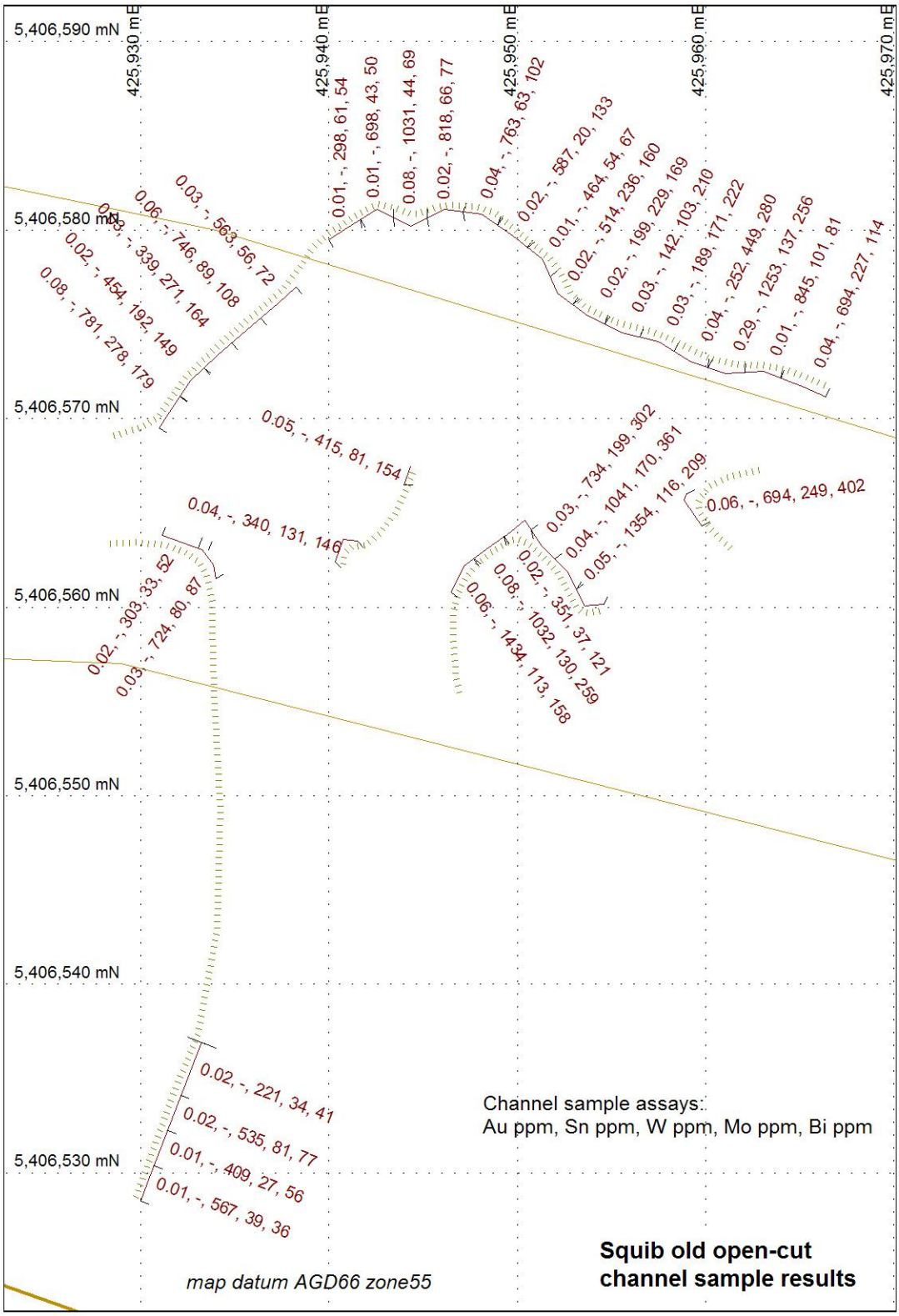


Figure 6.33: Squib gold, tin, tungsten, molybdenum and bismuth results.

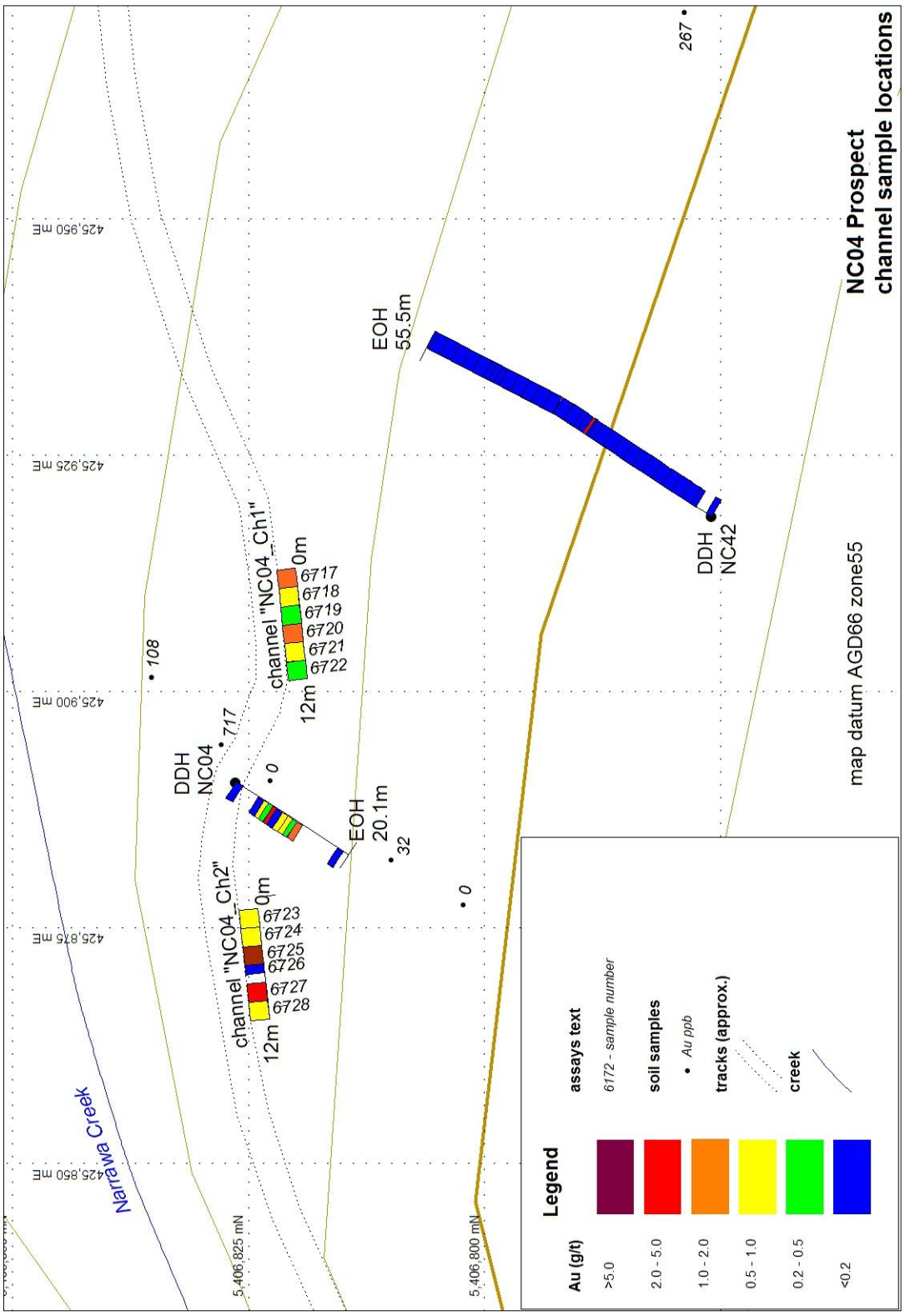


Figure 6.34: NC4 prospect channel sample locations and drillhole shading showing gold results.

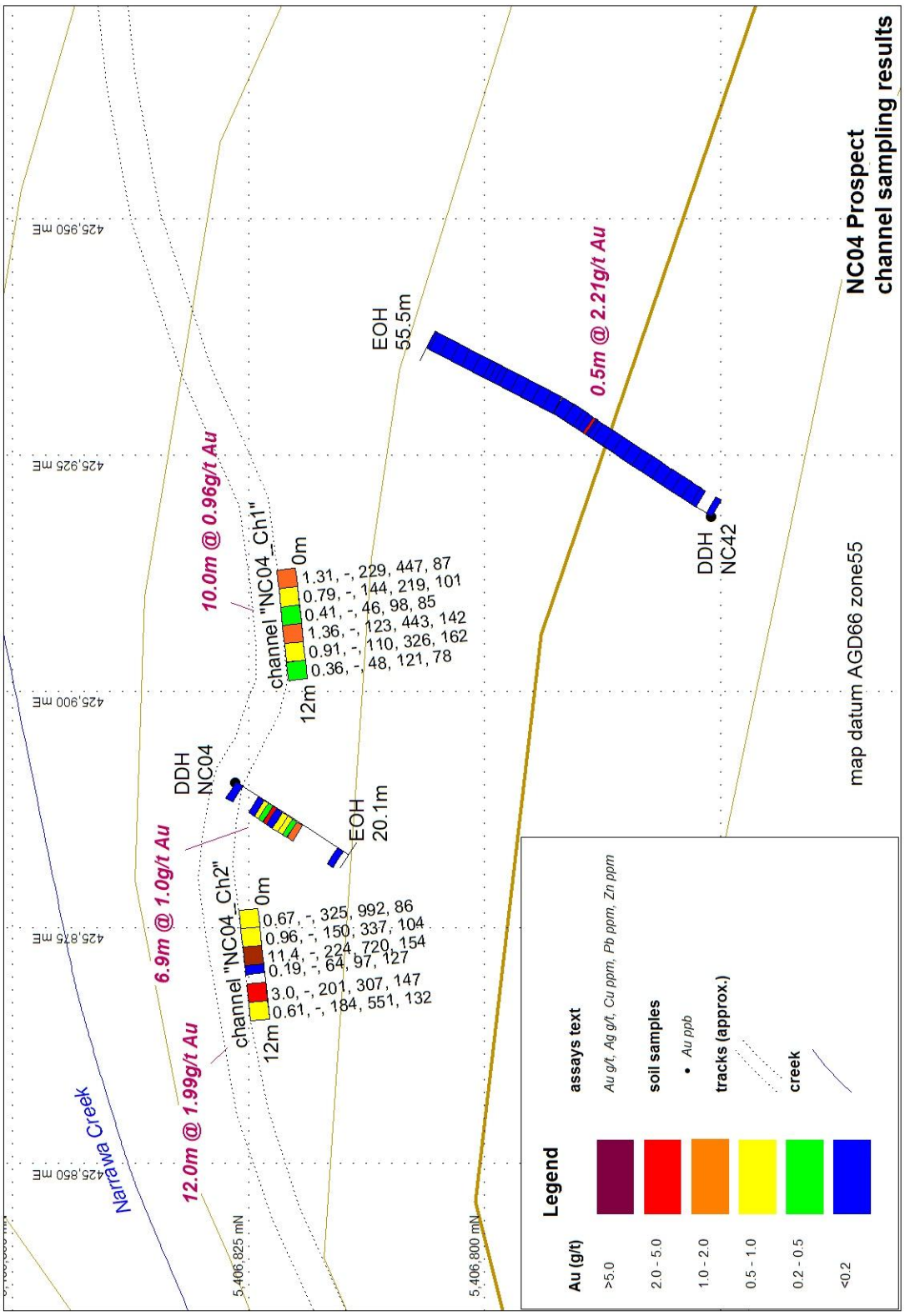


Figure 6.35: NC4 prospect channel sample gold, silver, copper, lead and zinc assays and drillhole shading showing gold results.

7.0 Conclusions and Proposed 2012/13 programme

The 3D IP has been highly successful in defining a number of anomalies which warrant further follow-up. In particular the survey reveals clear potential for further Higgs style gold+base metal skarn along the west-northwest striking conductivity trends. There is very little drilling outside of the Higgs deposit on these trends. That which has been done supports this potential. Much of the drilling southeast along strike from Higgs has been off the Higgs trend suggesting it has been inadequately tested.

The 3D IP has also defined a discrete conductivity anomaly at depth beneath Dolcoath Hill in a position consistent with Lindsay Newnham's Hugo Thrust model.

Elevated chargeability continues down to an abrupt contact possibly coincident with the extent of alteration along the granite margin.

Drilling at Three Sisters has revealed some positive signs with vein style W and Mo encountered. Further drilling is recommended here with subsequent holes perhaps stepping to the west-southwest along the conductivity anomaly coincident with the magnetics high.

Channel sampling around the NC4 prospect has given encouraging Au results which justify further drilling of this gold anomalous zone.

Drilling the 500 lode was discouraging as was channel sampling of Squib and Packetts workings.

Proposed programme

For the 2012/13 year it is proposed to continue advancing the development of the Narrawa (Higgs) resource into a mining operation. This will require further infill drilling for metallurgical, geomechanical and resource purposes. Further metallurgical testwork is also required. Frontier has been holding discussions with parties interested into treating the ore, making such a mining proposition a potentially viable option.

It is also proposed to continue drilling the geophysical anomalies defined by the 3D IP work.

An expenditure commitment of $150,000 is proposed, though this is very likely to be exceeded.

8.0 Environmental Impact and Rehabilitation

8.1 Introduction

Exploration in the reporting year consisted of a number of activities, i.e. gridding, drilling and channel sampling, which each have some impact on the environment.

8.2 Gridding

The grid required for the IP survey was cut to a minimal standard. The width of the lines were required to only be wide enough for the passage of a man wearing a small back pack and to only need to remain passable for the period of the survey, i.e. nominally 6 months.

The grid did not need to be of line of site accuracy and so no trees needed felling.

It is expected that the lines will close over with natural regrowth in a relatively short period of time.

8.3 Channel sampling

Channel sampling of the old Squib and Packetts workings and along the track cutting near DDH NC04 was done with minimal impact on the old workings.

8.4 Drilling

The man portable, minimal impact Poltock rig was used for all drilling except NC57 which was drilled by the skid based RB37 rig. The Poltock rig only requires a very small drill pad area and can adjust to fit in with existing disturbance (old workings) and vegetation.

DDH's NC54, 55 and 56 were drilled with the Poltock rig on the sloping country around the Higgs workings. Photographs of these drill pads and cemented collars follow in figures 8.1 to 8.6.

Drillholes NC58 and 59 were drilled with the Poltock rig on the northern side of Narrawa Creek on the goat track itself (NC59) or on an existing short spur track (NC58). See figures 8.7 to 8.10.

Drillholes NC60, 61 and 62 were drilled with the Poltock rig in an area of relatively sparse undergrowth requiring minimal clearing. See figures 8.11 to 8.13.

Drillhole NC60 is currently making a small amount of water (see figure 8.11). It is not clear whether the water is sourcing from another hole currently being drilled nearby and which has lost water return or from a separate source. Once this new hole is completed NC60 will be assessed and the water stopped if necessary.

Drillhole NC57 was drilled with the RB37 rig from an existing drill access track (see figure 8.14). This pad requires the dragging back of top soil which will be completed in the coming week (from date of reporting).



Figure 8.1: NC54 drill pad on old mullock heap adjacent to box-cut (on RHS).



Figure 8.2: NC54 drill collar cemented (including inside PVC)



Figure 8.3: NC55 drill pad.



Figure 8.4: NC55 drill collar cemented (including inside PVC)



Figure 8.5: NC56 drill pad.



Figure 8.6: NC56 drill collar cemented.



Figure 8.7: NC58 drill pad on existing spur track (old drillpad access track).



Figure 8.8: NC58 drill collar cemented (inc. inside PVC).



Figure 8.9: NC59 drill pad on side of goat track down to Narrawa Creek.



Figure 8.10: NC59 drill collar cemented (inc. inside PVC).



Figure 8.11: NC60 drill pad. Hole is currently making water (at time of reporting). The hole will be recemented to stop water.



Figure 8.12: NC61 drill pad.



Figure 8.13: NC62 drill pad.



Figure 8.14: NC57 drill pad.

9.0 Expenditure

Geology	$57,200
Geophysics	$95,653
Geochemistry	$9,820
Drilling	$164,741
Consultants	$18,343
Safety	$3,442
Tenements	$7,539
Administration	$8,620
Total 2011-2012	**$380,858**

10.0 References

MacDonald G., and Farrell, J. (2011). RL 3/2005 annual report on exploration activity. Unpub. Rep. for Frontier Resources Ltd.

Newnham, L. (1993). EL 20/1992 annual report on exploration activity. Unpub. Rep. for Goldstream NL.

LOGISTICS REPORT PREPARED
FOR
FRONTIER RESOURCES LTD.

VOLTERRA 3DIP SURVEY
ON THE
MOINA PROJECT

MOINA, TASMANIA, AUSTRALIA
LATITUDE: S41° 29' LONGITUDE: E146° 05'
AGD66 AMG Zone 55

SURVEY CONDUCTED BY SJ GEOPHYSICS LTD.
OCTOBER 2011 TO FEBRUARY 2012

REPORT PREPARED BY
CHRIS HERMISTON
MARCH 2012

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1. SURVEY SUMMARY

SJ Geophysics Ltd. was contracted by Frontier Resources Ltd. to conduct a Volterra 3DIP survey on their Moina property. The following table provides a brief summary of the project.

Client	Frontier Resources Ltd.
Project Name	Moina Project
Location (approx. centre of grid)	Latitude: 41º 29' S Longitude: 146º 05' E AGD66, AMG Zone 55
Survey Type	Volterra 3DIP
Survey Grids	Narrawa, Bell Mountain, Tin Spur, Ti-Tree Creek, Fletcher, East Moina Regional
Total Line Kilometres	167.4 km
Production Dates	October 19 to December 18, 2011 and January 15 to February 1, 2012
Objective	SJ Geophysics was contracted to carry out a Volterra 3DIP survey with the purpose of mapping a regional granite body and providing 3D inverted models of resistivity and chargeability properties.

Table 1: Survey Summary

This logistics report summarizes the operational aspects and methodologies of the geophysical survey. This report does not discuss or interpret the survey results.

2. LOCATION AND ACCESS

The Moina project is located in northwest Tasmania, Australia (see Figure 1). The closest town to the survey area is Sheffield, which is approximately 30 km northeast of the Moina project. The crew were accommodated at the Gowrie Park backpackers hostel 15 km east of the Moina project area. Travel time to the project area from Gowrie Park was approximately 30 to 40 minutes. The project area can be accessed from Gowrie Park by the following directions (see Figure 2):

- Drive west along Claude road for approximately 10 km to Cethana road.
- Follow Cethana road approximately 7 km up the mountain to the intersection of Cradle Mountain road and Cethana road (referred to as the Moina junction).

The above was the main access route for the majority of the grids on the Moina project. Alternatively the Tin Spur grid was accessed by:

- Following Claude road approximately 4 km west to Olivers road and turn left.
- Take Olivers road south to the Cockatoo road and turn right.
- Drive along the Cockatoo road for approximately 4.5 km to the transmitter site.

The project area is characterized by temperate rain forest with medium to thick undergrowth and high density scrub brush. The tree species mostly consists of the Tasmanian blue gum, wattles, cycads and a few different species of pine. The undergrowth was characterized by several species of ferns and button grass in open areas. The high density scrub brush consisted of tea tree interwoven with a vine referred to as barra.

The fauna on the project was typical of Australia and more specifically the island of Tasmania. Animals commonly seen were wallabies, possums, rabbits, echidnas and bandicoots. These animals did not pose a risk to any equipment pre-placed or left on the ground overnight. Snakes were also common and consisted mostly of tiger snakes and copperheads; both species are extremely poisonous and could be difficult to see amongst the brush.

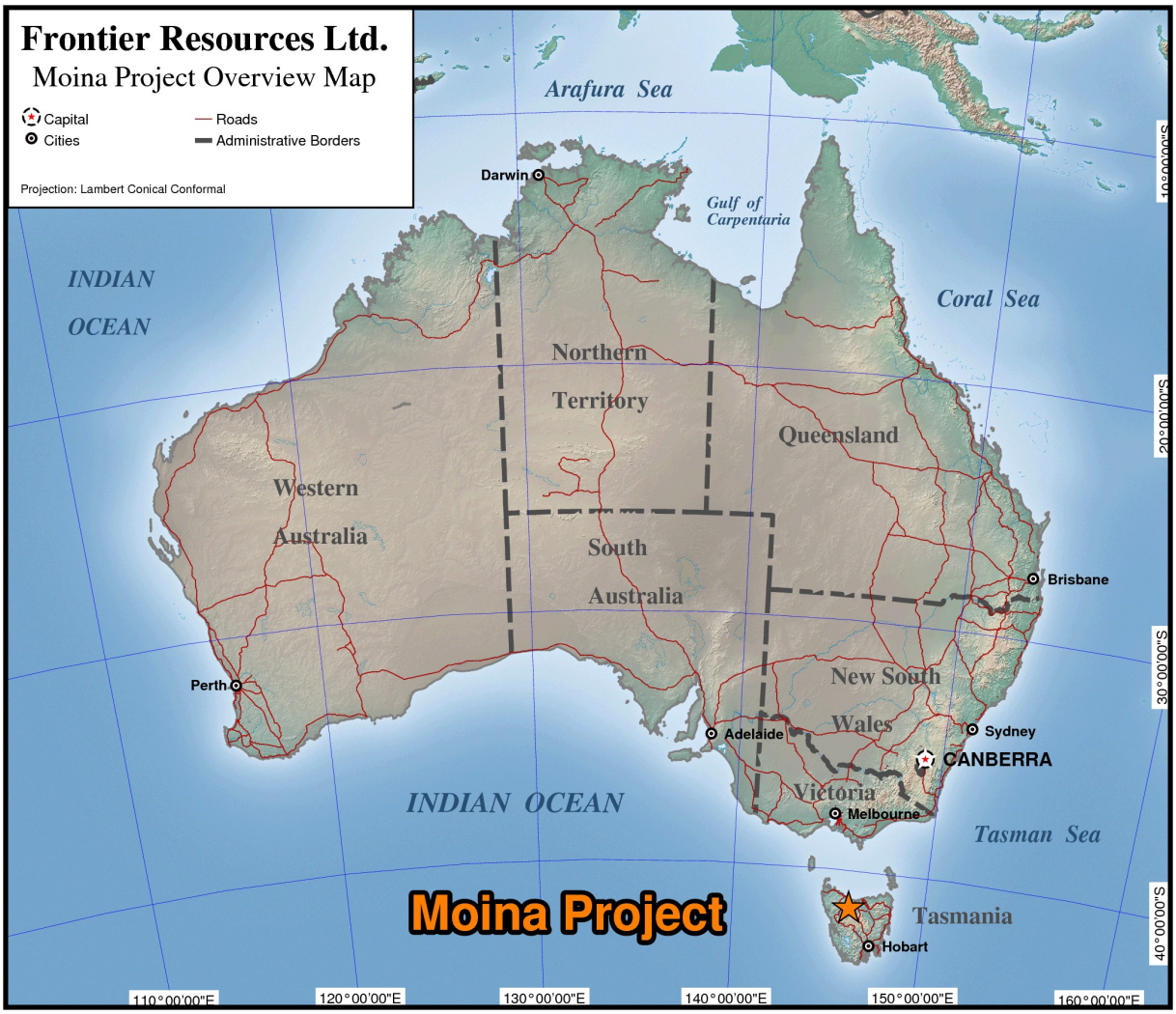


Figure 1: Overview map of the Moina project, located in Tasmania, Australia.

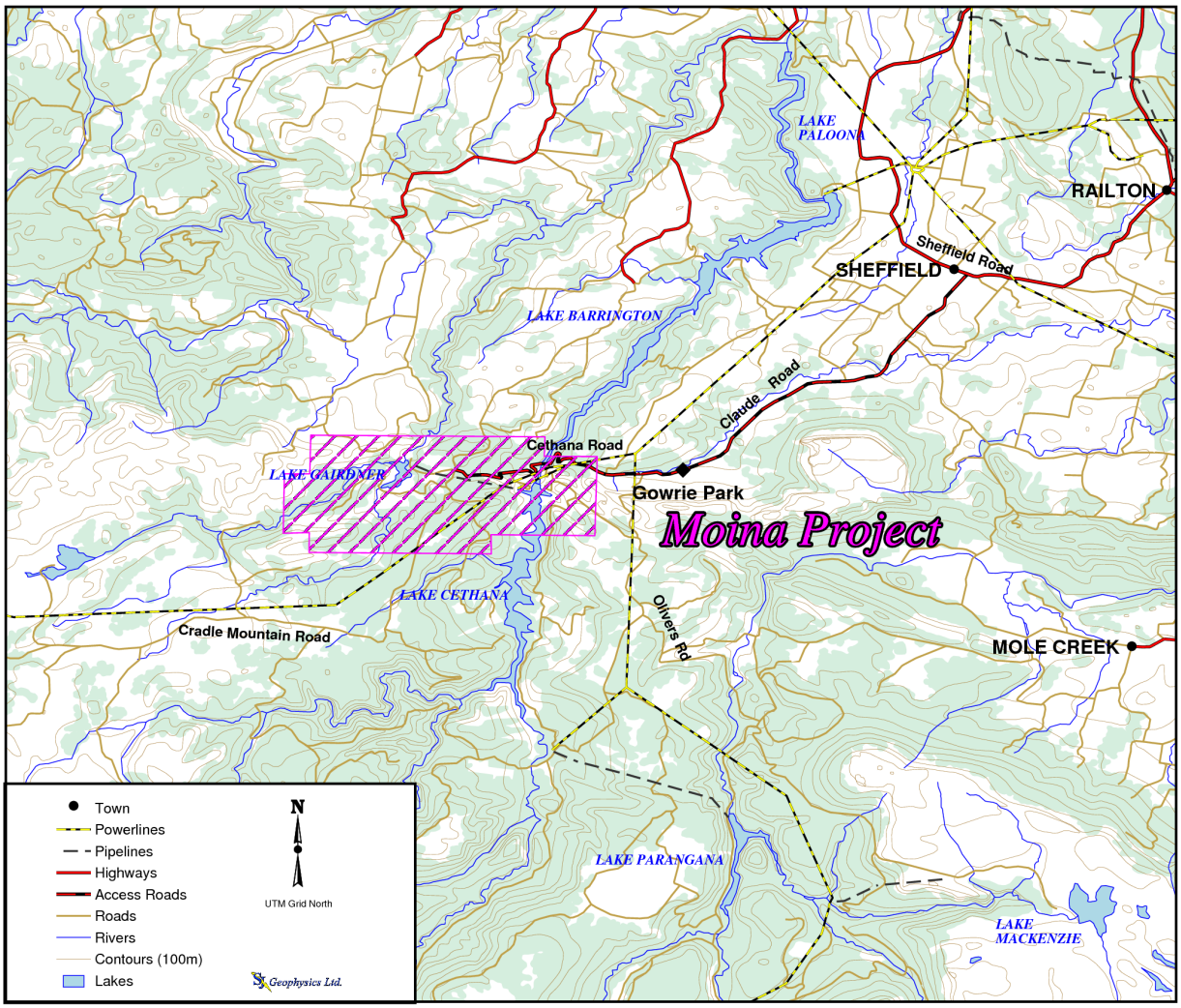


Figure 2: Location map for the Moina project.

3. GRID INFORMATION

The Moina project consisted of multiple grids covering two different areas (see Figure 3). All grids except the Tin Spur grid were located around Lake Gairdner and streched as far as the west side of Lake Cethana. The Tin Spur grid was located on the east side of Lake Cethana.

Tables 2 to 8 in the following sections list the parameters of each grid. Please refer to Appendix A for a detailed breakdown of the survey lines.

All of the locational information was recorded by the SJ Geophysics crew, including GPS control points and slope data for locational information. Control points were recorded, where good satellite reception could be attained, with Garmin GPSMap 62s handheld GPS units using the AGD66 projection, AMG zone 55. Slope data were recorded at 25 m intervals with Suunto handheld clinometers.

Temperatures during the survey period ranged from around -2 ºC at night up to 30 ºC during the day. Precipitation was moderate to heavy and was consistent every couple days.

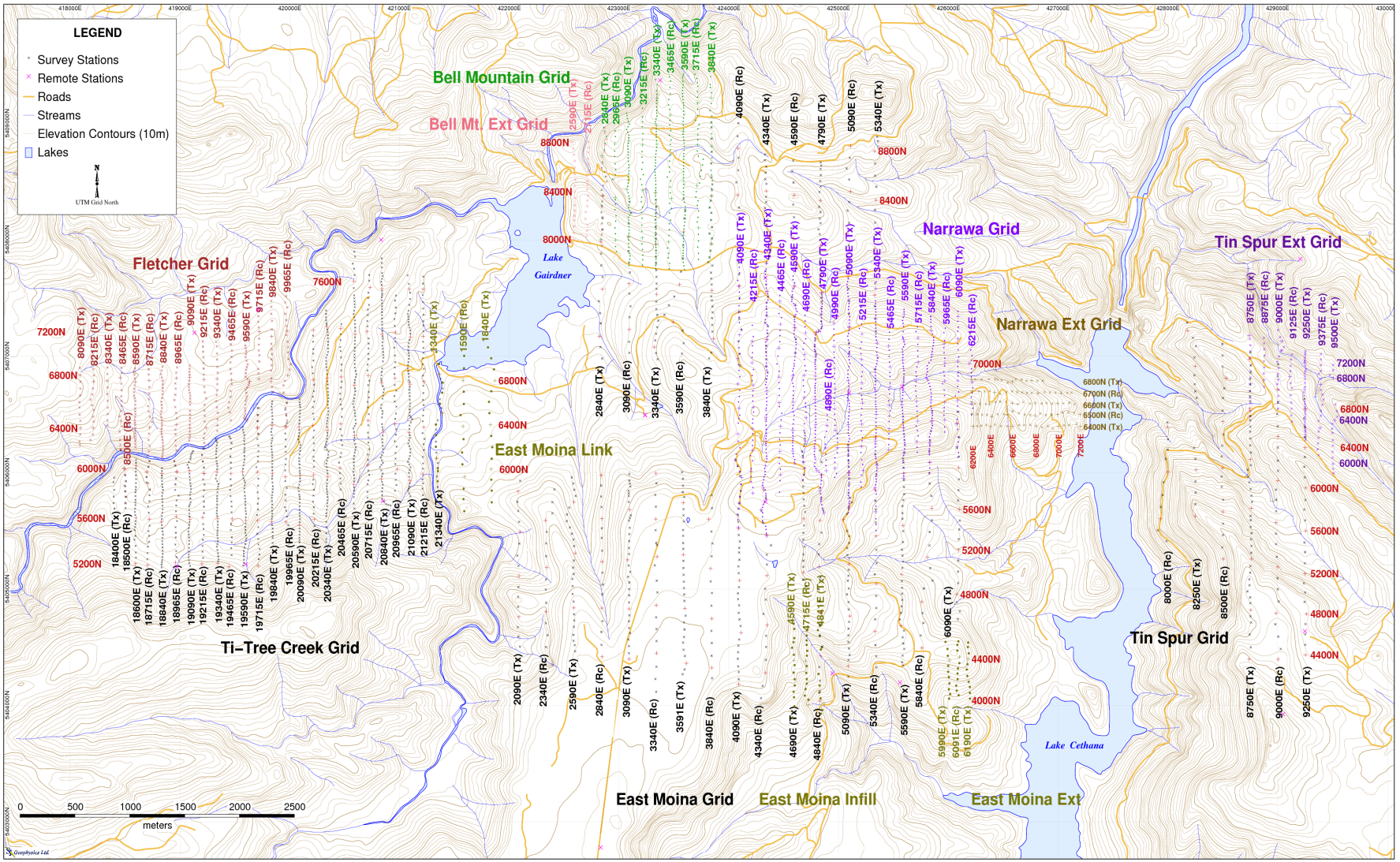


Figure 3: Overview grid map of the Moina project.

3.1. Narrawa grid and Extension

Grid	Narrawa (Surveyed in 2011)
Number of Survey Lines	19
Survey Line Azimuth	0º
Line Spacing	100 – 125 m
Station Spacing	50 m
Elevation range	466 – 799 m
Survey Length	28225 m

Table 2: Narrawa grid parameters

Grid	Narrawa Extension (Surveyed in 2012)
Number of Survey Lines	5
Survey Line Azimuth	90º
Line Spacing	100 m
Station Spacing	50 m
Elevation range	286 – 576 m
Survey Length	4550 m

Table 3: Narrawa extension parameters

The Narrawa grid consisted of 19 north-south trending lines, primarily spaced at 125 m with some at 100 m. Stations were flagged and marked every 50 m on the receiver and transmitter lines located on the western and eastern edges of the grid. The rest of the transmitter lines were flagged and marked at 25 m intervals. The Narrawa extension was located to the southeast of the Narrawa grid. It consisted five east-west oriented lines with 100 m line spacing. Stations were flagged and marked every 50 m.

The Narrawa grid was located in an east-west valley with rolling contours in the west and steep slopes in the east. Ground conditions ranged significantly. Within the valley the ground was wet with a layer of mud and vegetation over a rocky base. The terrain dried out towards the tops of the ridges with compact dirt overburden; the southwest quadrant of the survey was characterized by dense tea tree and barra. Walking was treacherous and slow due to the steep, slick terrain and haphazard line cutting. In the Narrawa extension, the terrain dropped consistently from the baseline (line 6215E) down to the edge of Lake Cethana with fairly dry ground conditions.

Primary access points to the Narrawa grids from the Moina junction was via a rough dirt track along the north end of the grid and Dolcoath road in the south.

3.2. Bell Mountain grid and Extension

Grid	Bell Mountain and extension
Number of Survey Lines	11
Survey Line Azimuth	0º
Line Spacing	125 m
Station Spacing	50 m
Elevation range	450 – 620 m
Survey Length	14575 m

Table 4: Bell Mountain and extension grid parameters

The Bell Mountain grid originally consisted of nine survey lines spaced at 125 m, but the grid was extended with two more lines added to the west side. Stations were flagged and marked every 50 m on the receiver and outside transmitter lines. The repeated transmitter lines were flagged and marked every 25 m.

The Bell Mountain grid was located on the western shoulder of Bell Mountain, east of Lake Gairdner. Ground conditions were fairly dry for most of the grid, with a few steep and wet areas

around drainage. There was one old rock quarry located on the west side of the grid and two semi-active near surface mine sites in the central part. Walking was fairly easy through much of the grid.

Access to the Bell Mountain grid was via a hydro access road right from Moina junction, which serviced the south end of the grid; an old mining access road approximately 3 km north of the junction gave access to the northern part of the grid.

3.3. Tin Spur grid and Extension

Grid	Tin Spur and extension
Number of Survey Lines	10
Survey Line Azimuth	0º
Line Spacing	125 - 250 m
Station Spacing	50 - 100 m
Elevation range	290 – 810 m
Survey Length	17375 m

Table 5: Tin Spur grid and extension parameters

The Tin Spur grid and extension consisted of 10 survey lines, primarily spaced at 250 m with a short extension on the north end spaced at 125 m. Stations were flagged and marked every 100 m on the receiver and outside transmitter lines and every 50 m for 125 m spaced infill lines. The repeated transmitter lines were flagged and marked every 50 m.

The Tin Spur grid was located on the slopes east of Lake Cethana and encompassed three ridge lines and the valleys between. Ground conditions were fairly dry over the ridges with sparse scrub and trees but became more heavily vegetated and wet in the valley bottoms. The terrain was steep to very steep throughout with some areas proving impassible, especially in the north. Walking was treacherous and slow due to the extremely steep slopes and slick vegetation.

3.4. Ti-Tree Creek grid

Grid	Ti Tree
Number of Survey Lines	25
Survey Line Azimuth	0º
Line Spacing	100 – 125 m
Station Spacing	50 m
Elevation range	480 – 748 m
Survey Length	33675 m

Table 6: Ti-Tree Creek grid parameters

The Ti-Tree Creek grid consisted of 25 survey lines primarly spaced at 125 m with some at 100 m. Stations were flagged and marked every 50 m on the receiver and outside transmitter lines; repeated transmitter lines were flagged and marked every 25 m.

The Ti-Tree Creek grid was located west of Lake Gairdner, along the south side of the Lea river. The terrain was moderately steep except where the lines approached the river, which was contained in a steep valley. Ground conditions were wet and slippery, varying between dense barra and tea tree in the south and moderate to thick ferns and green vegetation in the north. Walking was slow to moderate depending on the slope and the density of the vegetation.

Access to the Ti-Tree Creek grid was via the Stormont-Moina road and was approximately 7 km from the Moina junction. Drivable road access was available for the eastern half of the grid but became too muddy to drive near the center of the grid.

3.5. Fletchers grid

Grid	Fletchers
Number of Survey Lines	17
Survey Line Azimuth	0º
Line Spacing	125 m
Station Spacing	50 m
Elevation range	565 – 809 m
Survey Length	13250 m

Table 7: Fletcher grid parameters

The Fletchers grid consisted of 16 survey lines spaced at 125 m. Stations were flagged and marked every 50 m on the receiver and outside transmitter lines; repeated transmitter lines were flagged and marked every 25 m.

The Fletchers grid was located along the north side of the Lea river, just north of the Ti-Tree Creek grid. These grids were separated because of the varying water levels on the Lea river and difficulties accessing the north side. The ground conditions tended to be wet and slippery in the east, progressively drying out towards the west. The terrain itself was reasonably flat at the north end of the lines but steep with some cliffs as the lines approach the river.

Access for the Fletchers grid was more restricted, with crews walking up to 4 km uphill to the western lines. Vehicle access was along the Stormont-Moina road up to a washed out crossing at the east end of the grid. The old road north of the river was the primary walking access.

3.6. East Moina Regional grid

Grid	East Moina, East Moina Link, East Moina Infill, East Moina Ext
Number of Survey Lines	37
Survey Line Azimuth	0º
Line Spacing	100 – 125 - 250 m
Station Spacing	50 - 100 m
Elevation range	402 – 805 m
Survey Length	55750 m

Table 8: East Moina Regional grid parameters

The East Moina regional grid consisted of 28 lines in East Moina (surveyed in 2011), three lines in East Moina Link, three lines in East Moina Infill and three lines in East Moina Ext. The lines were primarily spaced at 250 m with a small infill (East Moina Infill) and a southeast extension (East Moina Ext) at 100 m. Stations were flagged and marked every 50 to 100 m on the 250 m spaced lines, and 25 to 50 m on the 100 m spaced lines.

The East Moina grid encompassed all of the 250 m spaced lines west of Lake Cethana, and had significant overlap with both the Bell Mountain and Narrawa grids. Ground conditions varied significantly due to the size of the grid area. North and south of the Narrawa grid the ground was very wet with a layer of mud and vegetation. South of Lake Gairdner the ground was fairly dry and open, with wet areas where the grid dropped into river valleys. Walking was treacherous and slow due to the steep, slick terrain and haphazard line cutting. Dry areas tended to be reasonably flat and open with easier walking.

Due to the size of the East Moina grid, access varied considerably. East Moina shared access routes with both Narrawa and Bell Mountain, as well as extending further south down the Dolcoath road. Towards the southwest end of the grid, access was via the Cradle Mountain Hwy in the south and the Stormont-Moina road in the north.

4. FIELD WORK AND INSTRUMENTATION

4.1. Field Logistics

SJ Geophysics Ltd. was contracted by the client to conduct a Volterra 3DIP survey on the Moina property. The Volterra 3DIP system requires a different logistical approach than more traditional 3DIP surveys; however, the flexibility and increased data quality offer significant advantages over more traditional systems. This approach relies on the crew to be more adept at operating a computer and requires the crew to follow slightly more complicated instructions when setting up equipment.

An SJ Geophysics field crew typically consists of at least two field geophysicists or technicians and at least five helpers to assist in the day-to-day operation of the survey. The field geophysicists and technicians oversee all operational aspects including field logistics, data acquisition and initial field data quality control. Seven local helpers were hired by the client to assist the SJ Geophysics crew in the day-to-day operation of the survey, although only five were available per day as they had a rotating schedule of days off. Mark McNeil, of Frontier Resources, was available to manage any logistical issues and would generally take care of any logistics problems so that the SJ Geophysics employees could keep the survey running.

The SJ Geophysics crew's first day on site at the Moina project was October 17th and they remained on site through to December 19th. Production began on October 19th, as the first few days on site were used to build equipment and train personnel. After a break for the Christmas holiday production resumed on January 15th and concluded on February 1st. Table 9 below outlines the dates when each crew member was on site.

The SJ Geophysics crew was accommodated by the client in the Gowrie Park Wilderness Village, approximately 15 minutes from Sheffield. Trailor-type single rooms were provided for each worker as well as additional rooms for processing/office use and on-site storage. Wireless internet was provided by Gowrie Park but it was not sufficient for regular use. SJ Geophysics purchased a Telstra wireless stick that operates using the available cellular network, which was better suited to the needs of the on-site Field Geophysicist and Field Technician.

Name	***Role***	***Company***	***Dates on Site (2011; 2012)***
Jay Enns	Field Geophysicist	SJ Geophysics	Oct 17 – Nov 17, Nov 28 – Dec 19; Jan 15 – Feb 2
Chris Hermiston	Field Geophysicist	SJ Geophysics	Oct 17 – Nov 29
Ryan Halton	Field Technician	SJ Geophysics	Nov 16 – Dec 19; Jan 15 – Feb 2
Mark McNeil	Logistics Manager	Frontier Resources	Oct 17 – Nov 21; Dec 6 – Feb 2
Bronsen Rogers	Helper	Frontier Resources	Oct 17 – Dec 19; Jan 14 – Feb 1
Ben Laurence	Helper	Frontier Resources	Oct 17 – Dec 19; Jan 14 – Feb 1
Jochim Meny	Helper	Frontier Resources	Oct 17 – Dec 19; Jan 14 – Feb 1
Ali Farat	Helper	Frontier Resources	Oct 17 – Dec 19; Jan 14 – Feb 1
Rohan Gerrand	Helper	Frontier Resources	Oct 17 – Dec 19; Jan 14 – Jan 22
Dylan O'Connor	Helper	Frontier Resources	Oct 17 – Dec 19; Jan 14 – Feb 1
Jaime Shea	Helper	Frontier Resources	Oct 17 – Dec 19; Jan 14 – Feb 1

Table 9: Details of the SJ Geophysics and Frontier Resources employees on site.

All the lines on the Moina project were cut by the client using compass and hand-held Garmin GPS's for navigation. However, there were no stations put in place before the SJ Geophysics crew arrived. Line and station labels for the grid were roughly based on the AMG coordinates, with the line and station labels being represented by the last four digits in the coordinate. Stations on each line were marked as the line was prepared and surveyed. This was done by choosing a start station (picked at convienient locations, which were usually where the road crossed the line), then using the wire as a tight chain to measure the distance to the next station. Stations were marked, relative to the starting label, as the wire was laid out based on the ideal length of each roll of wire. This resulted in adjacent lines having different station labels for the same coordinate because each roll of wire was not precisely the same length as the other and none of the lines were particularily straight. When repeating a transmitter line, readings were taken on the alternate stations to increase data resolution, which resulted in having to measure 25 m (or 50 m depending on the station spacing) from a previously surveyed station.

The logistics of this survey were somewhat unique to the Moina project. In many areas of the world, animals pose a risk to the cable and wire that is laid out on the ground because they are usually very curious, and as a result the cable and wire gets chewed and broken. Good practice is

to put out and pick up the receiver cable at the start and end of each day to reduce the potential for problems with broken cable. However, at the start of the Moina project a test was done and it was found that generally the local wildlife wouldn't chew on the cable or wire. This allowed the crew to set up receiver cable and current wire ahead of what was being surveyed. Each day the crew was split into two teams: one team to set out the DABStix receivers for the day and another team to start setting out the receiver cable and current wire for the following day's production. This was advantageous because it greatly reduced the time needed to begin production. As soon as the first team finished setting out the DABStix receivers, the second team would stop what they were doing and get in place to begin surveying. Usually only five crew members were required to survey, which left the remaining crew members to finish off setting up the next receiver line and then get in place to pick up the DABStix receivers at the end of the day. The quality of the helpers hired by the client also played an important role in the speed of the survey. All helpers were trained on how to set up the DABStix receivers and only one helper did not feel confident in completing this task without supervision from one of the SJ Geophysics employees. This allowed the lead Geophysicist or Technician to assign almost anyone on the crew any task that was required, without having to directly supervise or double check the work being completed. The lack of animal problems combined with good quality helpers allowed the crew to focus on the more challenging aspects of the survey: the terrain and grid access.

Most of the problems and challenges faced on the Moina project were a result of accessibility and extreme terrain. Difficulties with access were a result of: roads that were blocked by a locked gate, roads that were impassible or roads that did not exist in the area. To solve this issue the transmitter was placed as close as possible and extra wire was laid out to reach the area of interest. The necessary cables, rods and DABStix receivers were hiked in on foot. As a result production rates in these areas was generally lower than in areas with good access. The Ti-Tree Creek and Fletchers grids had particularly poor access compared to the Narrawa and Bell Mountain grids that had very good road access. There was a wide variety of terrain on the Moina project that provided many different challenges. In areas of thick brush, usually tea tree and barra, movement was slower and moving cross line was impossible. Other areas, particularly on the Dolcoath section of the East Moina Regional grid, were extremely treacherous due to the steep topography and large fallen trees. Similarly the eastern side of the Narrawa grid was

treacherous because of the steep topography and moss covered scree slopes. Most of the grids on the project had areas of thick underbrush that were a serious hazard for falling.

Throughout the course of the survey various members of the crew received minor injuries; primarily slightly sprained knees and ankles. Both Dylan O'Connor and Rohan Gerrand missed numerous days of survey due to bruised knees, with Rohan missing a number of days due to a pulled groin as well. None of the injuries required hospitalization, although Rohan did go to the hospital in Sheffield on his own time to be checked out. A few crew members also missed a few days here and there due to illness. Due to the safety procedures and awareness put in place by SJ Geophysics, only a small number of minor injuries were sustained, which is an accomplishment given the extreme terrain in many areas and the length of the project.

The Moina project was a large scale project over diverse terrain with many different challenges. A large amount of area was surveyed and an even larger amount of data was collected in a relatively short period of time. The success of this project was a direct result of: the organizational skills of the SJ Geophysics employees, the quality of the helpers hired by the client, the ability of the crew to consistently execute the survey on a day-to-day basis, and the organizational and logistical support provided by the client. Overall the Moina project should be seen as a huge success.

4.2. Survey Parameters and Instrumentation

The geophysical instrumentation used to acquire the 3DIP data consisted of the SJ Geophysics Volterra system. For 3DIP surveys the Volterra system is composed of the DABStix Full Waveform Digital receivers and a GDD Tx II transmitter. The specifications of these instruments are listed in Appendix B and the equipment parameters are summarized in Table 10 below.

For the IP survey, 100 m (200 m on 250 m spaced lines) dipoles were laid out overlapping one another to create an “interlaced array” (see Figure 4) that had an effective dipole size of 50 m (100 m on 250 m spaced lines). This approach improves data quality and provides data redundancy in the event that data from one dipole is lost.

The receiver lines of the potential array were connected using special 2-conductor cables,

each 60 m long. At each receiver station, alternating wires from the 2-conductor cable were connected to potential electrodes, creating an interlaced array (see Figure 4). For the receiver line the electrodes consisted of stainless steel pins, 50 cm long and 10 mm in diameter, which were hammered into the ground. At each current station, current was injected using three long 1 m stainless steel electrodes hammered into the ground. The remote current locations consisted of five 1 m stainless steel rods, 15 mm in diameter. Table 11 shows the AMG coordinates of the remote sites.

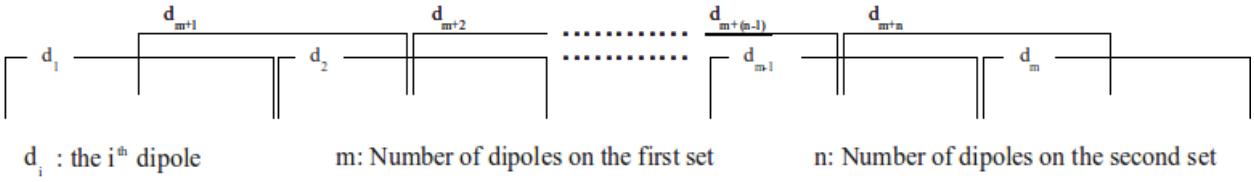


Figure 4: Schematic representation of the interlaced array used on the Moina project.

Array Type	3DIP – Offset Pole-Dipole
Number of Dipoles	Minimum of 24, Up to 40
Dipole Length	100 m interlaced (50 m effective) on 100/125 m spaced lines. 200 m interlaced (100 m effective) on 250 m spaced lines.
Array Length	Up to 2500 m
Current Interval	50 m (100/125 m spaced lines) 100 m (250 m spaced lines)
IP Transmitter	GDD TxII (Serial #433, 435)
Duty Cycle	50%
Waveform	Square
Cycle and Period	2 sec on / 2 sec off; 8 second
IP System	Volterra 3DIP
Digitizer	DABStix Full Waveform Digital Receiver
Reading Length	Minimum 90 seconds
Vp Delay, Vp Integration	1200 ms, 600 ms
Mx Delay, # of Windows Width (Mx Intergration)	200 ms, 20 36, 39, 42, 45, 48, 52, 56, 60, 65, 70, 75, 81, 87, 94, 101, 109,118, 128, 140, 154 (200 ms – 1800 ms)
Properties Calculated	Vp, Mx, Sp, Apparent Res
GPS	Garmin GPSmap 62s
Average Accuracy	5 m
Projection / Datum	AGD66, AMG Zone 55

Table 10: Instrument parameters

Grid	Name	Label	AMG Easting / AGD66 Zone 55	AMG Northing / AGD66 Zone 55
Narrawa	South Remote 1	5091E 4270N	424945	5404275
Bell Mountain	South Remote 1	3241E 6500N	423239	5406494
East Moina	Regional South Rem1	4341E 5750N	424335	5405750
East Moina	Regional North Rem1	3375E 9375N	423375	5409371
East Moina	Regional North Rem2	5591E 6800N	425580	5406736
East Moina	Regional South Rem2	5591E 4200N	425559	5404196
East Moina	Regional North Rem3	4341E 7600N	424335	5407674
East Moina	Regional South Rem3	2842E 2780N	422833	5402780
East Moina (Link)	North Remote 4	2001E 8200N	422002	5408212
East Moina (Inf)	South Remote 4	4391E 2250N	424388	5492245
East Moina (Ext)	South Remote 5	5851E 2500N	425863	5402495
Tin Spur	North Remote 1	9201E 7835N	429207	5407835
Tin Spur	South Remote 1	9002E 3825N	429050	5403925
Tin Spur (Ext)	South Remote 2	9251E 4640N	429249	5404637
Ti-Tree	South Remote 1	20842E 5750N	420849	5405755
Ti-Tree	North Remote 1	20841E 8000N	420833	5408000
Ti-Tree	North Remote 2	19716E 7400N	419715	5407400
Ti-Tree	North Remote 3	19091E 7200N	419132	5407200
Narrawa Ext	Remote	6685E 5100N	425096	5406684
Fletcher	South Remote 1	9591E 5200N	419601	5405212
Fletcher	South Remote 2	8966E 5200N	418971	5405190

Table 11: Locations of 3DIP remote sites

5. GEOPHYSICAL TECHNIQUES

5.1 IP Method

The time domain IP technique energizes the ground by injecting square wave current pulses via a pair of current electrodes. During current injection, the apparent (bulk) resistivity of the ground is calculated from the measured primary voltage and the input current. Following current injection, a time decaying voltage is also measured at the receiver electrodes. This IP effect measures the amount of polarizable (or "chargeable") particles in the subsurface rock.

Under ideal circumstances, high chargeability corresponds to disseminated metallic sulfides. Unfortunately, IP responses are rarely uniquely interpretable as other rock materials are also chargeable, such as some graphitic rocks, clays and some metamorphic rocks (e.g., serpentinite). Therefore, it is prudent from a geological perspective to incorporate other data sets to assist in interpretation.

IP and resistivity measurements are generally considered repeatable to within about five percent. However, changing field conditions, such as variable water content or electrode contact, reduce the overall repeatability. These measurements are influenced to a large degree by the rock materials near the surface or, more precisely, near the measurement electrodes. In the past, interpretation of a traditional IP pseudosection was often uncertain because strong responses located near the surface could mask a weaker one at depth. We attempt to overcome this uncertainty by employing geophysical inversion to better interpret the data.

5.2 3DIP Method

Three dimensional IP surveys have been designed to take advantage of recent advances in 3D inversion techniques. Unlike conventional 2DIP, the electrode arrays are not restricted to an in-line geometry. Ideally, a 3DIP survey would consist of a random assortment of current injections and receiver dipoles, also of randomized azimuths. Unfortunately, logistical considerations usually prohibit a completely randomized approach.

In the standard 3DIP configuration, a receiver array is established along one survey line while current lines are located on two adjacent lines lying on either side of the receiver line. Current injections are performed sequentially at fixed increments (25, 50, 100 or 200 m) along

the current lines. By injecting current at multiple locations along current lines adjacent to receiver arrays, data acquisition rates are significantly improved over conventional surveys. Meanwhile, geophysical data are collected along a receiver array which consists of dipoles usually laid out along even intervals dictated partly by the receiver cable.

The Volterra system provides much more flexiblity because each DABStix receiver records a single dipole, thus eliminating the need for specialized receiver cables and a centralized receiver control station. Dipoles can be oriented in any direction, can be of varying lengths, and completely avoid inaccessible areas if necessary.

Although more randomized than conventional 3DIP, most Volterra surveys still follow some form of cut lines, alternating receiver dipoles and current injections and deviating where necessary for geophysical or logistical purposes. In addition, cross-line receiver dipoles are often used to increase near-surface resolution and allow for larger spacing between lines. The specifics of each survey are customized before the survey starts and sometimes during the survey by the field geophysicist.

6. QUALITY ASSURANCE

6.1. Locations

Good quality survey location data is crucial to successful analysis and interpretation of the collected geophysical data. The quality of the location data for this survey is fair to good. Although the grid was heavily vegetated, decent satellite coverage was available in most spots. However, in steep ravines and areas of denser canopy GPS multipath effects degraded the satellite signal. As a result, the positional accuracy of some of the GPS points is questionable. In these areas, the GPS points were removed and the clinometer measurements combined with an idealized ground distance and azimuth were used to interpolate locations.

6.2. IP Data

All geophysical data go through a series of quality assurance checks in the field and in the office to ensure data are of sufficiently good quality. Prior to field data acquisition, a contact resistivity test is performed using a DABStix receiver unit for each dipole in the array. This test allows the operator to identify areas of poor ground contact which could otherwise degrade input

signal quality during data acquisition stages. Furthermore, this test allows the operator to inspect the raw data being recorded by the DABStix to ensure that there are no problems with the receiver and to ensure the receiver is synching to the appropriate GPS time.

During acquisition stages, a dedicated 'transmitter' DABStix is used to monitor the current being injected at each station through the use of a current monitor. In doing so, the transmitter operator is able to inspect the quality of the input current and can easily identify when there may be current leakage problems or when a transmitter is not transmitting current cleanly or consistently. The 'transmitter' DABStix is also used to obtain the GPS time when current is on.

Following field data collection, data are downloaded from each DABStix receiver unit and clipped to the GPS time windows used during acquisition as recorded by the transmitter DABStix. All processed data are inspected and any bad units or readings are flagged for removal. The data are then exported to an .xml format for importation into an S.J.V. Consultants Ltd. (SJV) proprietary QA/QC software package called JavIP.

Each evening, the analyzed data are imported into JavIP. This package integrates the location information with each reading, thus allowing the calculation of the apparent resistivity and apparent chargeability. The package's interactive quality control tools, plot of decay curves, table of calculated parameters and a dot plot (graphical display of data of the various parameters), provide the field geophysicist a method to verify each data point. After the field geophysicist removes known bad points from field observations and other obvious outliers, the database is delivered to SJV in the head office for a second review. In this second review, the data are scrutinized to ensure erroneous data points are not passed along to the final stage of processing: the inversion.

The data collected on the Moina project was of good quality. The voltage potentials (Vp), for the most part, were decent and the signals and resulting decay curves were mostly clean. On the Moina project most of the data flagged for removal was due to non-coupling. This phenomena is typical in IP surveys and is related to the survey configuration. Non-coupling occurs when the receiver dipole is sub-parallel to the equipotential lines which can result in a significant decrease in signal strength and lead to untrustworthy data. Some poor quality data points were flagged for removal either due to low quality signals, or due to signal contamination originating from the receiver cables (affected by animal chewing or water saturation). Figure 5 shows data from the west end of the Bell Mountain grid where data was generally very clean, and Figure 6 shows data

from the east end of the Fletcher grid that was slightly more noisy.

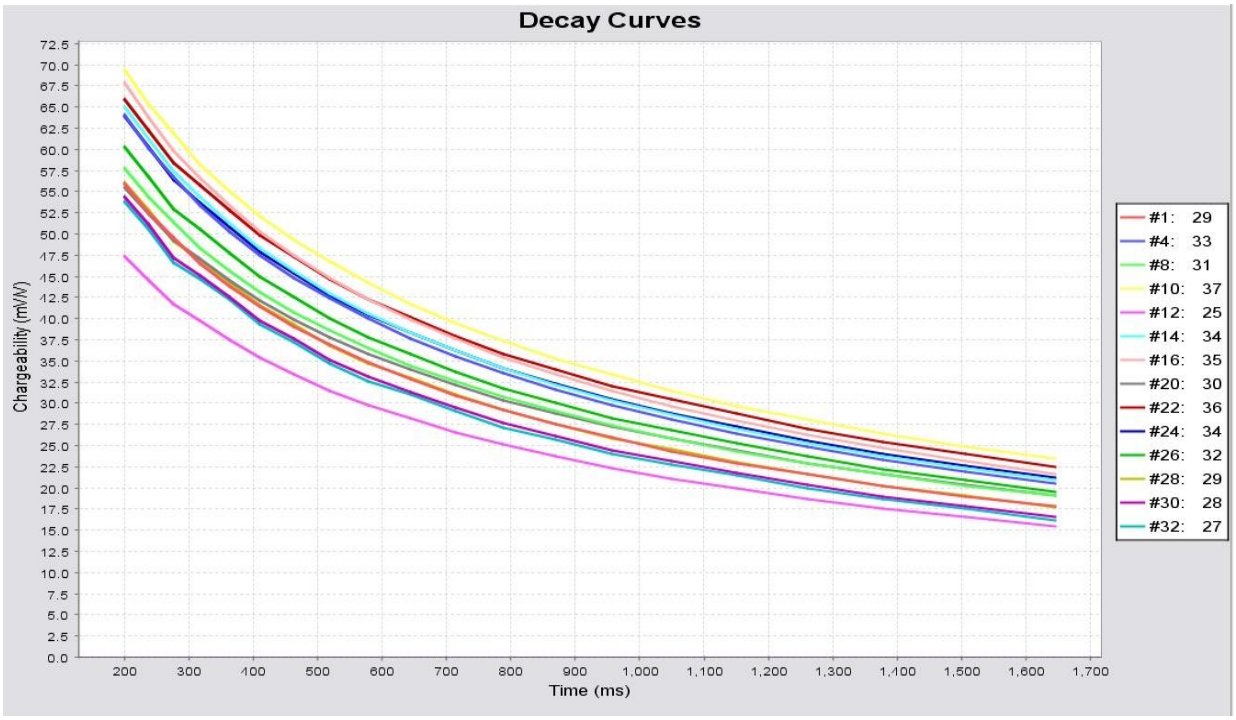


Figure 5: Decay curves from Bell Mountain Line 2840 injection station 8350.

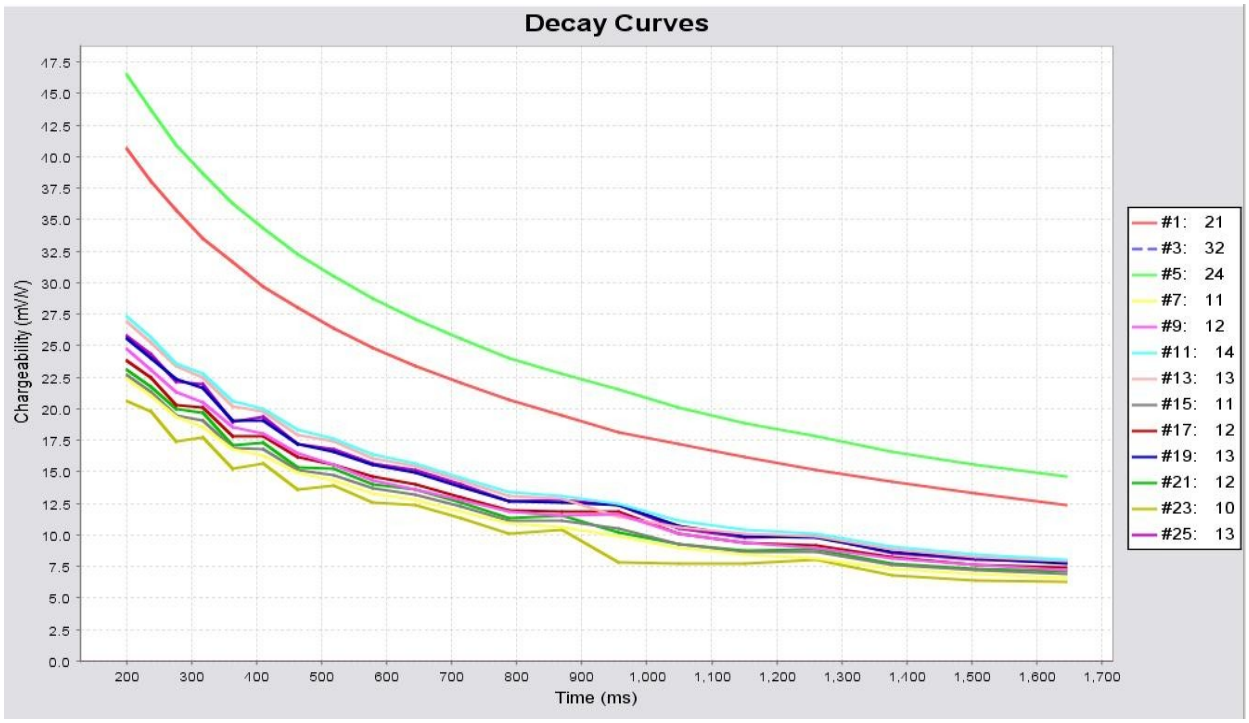


Figure 6: Decay curves from Fletcher Grid Line 9590 injection station 6400.

7. GEOPHYSICAL INVERSION

The purpose of geophysical inversion is to estimate the distribution of rock physical properties in the subsurface based on the geophysical data collected at the surface. Examples of rock physical properties include: density, resistivity, chargeability, and magnetic susceptibility. Geophysical measurements made at the surface are strongly influenced by the physical properties of rocks in the subsurface. Therefore, we can use mathematical algorithms to convert these surface measurements into a 3D picture of the subsurface. This process is called geophysical inversion. Unfortunately, the inversion process cannot provide a single unique solution. Indeed, there are many different possible subsurface 3D physical property models that could fit our surface geophysical measurements. Despite this limitation, inversion is a very powerful tool to help identify the main subsurface features which are required by the surface geophysical data. With the combination of high quality surface measurements and geophysical inversion, a much greater understanding of the subsurface can be obtained. Several geophysical inversion programs are available, but SJ Geophysics primarily uses the UBC-GIF algorithms (e.g. DCIP2D, DCIP3D, MAG3D, GRAV3D) which were developed by a consortium of major mining companies under the auspices of the UBC-Geophysical Inversion Facility.

It is SJ Geophysics standard practice to invert data from 3DIP surveys, and to do this we use the DCIP3D program which solves two inverse problems. First, the DC potentials are inverted to calculate the spatial distribution of electrical resistivity in the subsurface. Second, the chargeability data (IP) are inverted to recover the spatial distribution of IP polarizable particles in subsurface rocks. When available, additional information, such as geological boundaries and down-hole geophysical data, can be added to the inversion in order to constrain the inversion model. The inversion programs are generally applied iteratively to evaluate the output with regard to what is geologically known, estimate the depth of detection, and determine the viability of specific measurements.

The inversion result is then run through a series of quality control steps prior to final gridding and mapping. Inversion output is plotted to show the distribution of physical properties (e.g. resistivity, chargeability, etc.) in cross-sections as well as plan maps that are sliced at different depths beneath the surface. Inversion results are also visualized in 3D using the open source software packages Mayavi and Paraview. Using both 2D and 3D views, additional data can then

be overlain to aid in interpretation and facilitate discussion of potential drilling targets.

7.1. Deliverables - Geophysical Models

Once all the data have been collected and all the quality assurance measures have been completed, the data is then inverted and a model is generated. There are two main components to a geophysical model: the inverted dataset and the 3D mesh. The 3D mesh defines where each data point in the inverted dataset occurs spacially and is composed of cells that vary in size and are defined by the user. Generally the smallest size cells are located in the centre near the surface (upper 500 m of the model) with larger cells surrounding and at depth. These larger cells are known as padding cells and are added in to reduce edge effects created in the inversion process. When the mesh is applied to the dataset each cell will then contain a value depending on the type of model: cells in a resistivity model will contain resistivity values and cells in a chargeability model will contain chargeability values. On projects where there is only one or two datasets (grids) the 3D mesh is usually quite simple; the smallest cell sizes encompass the entire dataset with the padding cells around the outside. However, when there are multiple datasets that overlap each other the creation of the models becomes much more complicated, which is the case on the Moina project.

When there are multiple datasets, or very large datasets, the inversion must be split up into multiple blocks. The dataset of interest is always entirely contained within the smallest cells, however, the surrounding data can be added to the inversion and is contained in larger (coarse) cells along with the padding cells added on the outside. An inversion is run for each area of interest and will contain data from the other surrounding datasets. This procedure is done so that each model will have similar background levels, which makes the process of patching together the various models much easier. Before the models can be patched together each one is trimmed so that only the area of interest is leftover, then the models are patched together to create a large scale model. Once the models have all been processed, the GIS team can start to create the maps.

For each model, plan maps and cross sectional maps are generated. Plan maps are generated for multiple depths below surface for both the resistivity and chargeability models; cross sectional maps along each line are created along with any other cross sections of interest.

For the datasets on the Moina project some could be run alone and some were run as multiple blocks and patched together. For instance the Tin Spur grid was a simple case and was run alone;

the inverted models contained all the original Tin Spur data along with the Tin Spur extension data to create the Tin Spur models.

The East Moina Regional grid, Narrawa grid and Bell Mountain grid were a different case because of their proximity to one another. Each of these grids were run as seperate inversions. The inversion for the Narrawa grid contained all of the Narrawa and Narrawa extension grid data within the fine cell size, with some of the surrounding data from the East Moina Regional grid included in the coarser cells. The models for the Narrawa grid were then trimmed to only contain the data from the Narrawa and Narrawa extension grids. The inversion for the Bell Mountain grid were done in a similar fasion so that the final trimmed models only showed data from the Bell Mountain and Bell Mountain extension grids. Figure 7 below outlines the inversion block for both the Bell Mountain and Narrawa models; however, note that the Narrawa inversion did not contain any of the Bell Mountain data.

The East Moina Regional grid was inverted in a slightly different way than the other models. Since most of the data collected on the East Moina Regional grids was at a larger dipole size than on the Narrawa and Bell Mountain grids, the inversion for the East Moina Regional grid was done with all the data that encompass that area. This dataset includes: the Narrawa grids, Bell Mountain grids and all the East Moina Regional grids. Since this is a very large area the smallest cell size used in the inversion was larger than the smallest cell sizes used in the other inversions, however, this cell size was more than sufficient for a model of this scale.

The Fletchers and Ti-Tree Creek grids were smaller and could be inverted as one block, however the East Moina link section was included in the coarser cells to allow the models to be patched together with the East Moina Regional model.

Respectfully submitted,
per SJ Geophysics Ltd.

Chris Hermiston

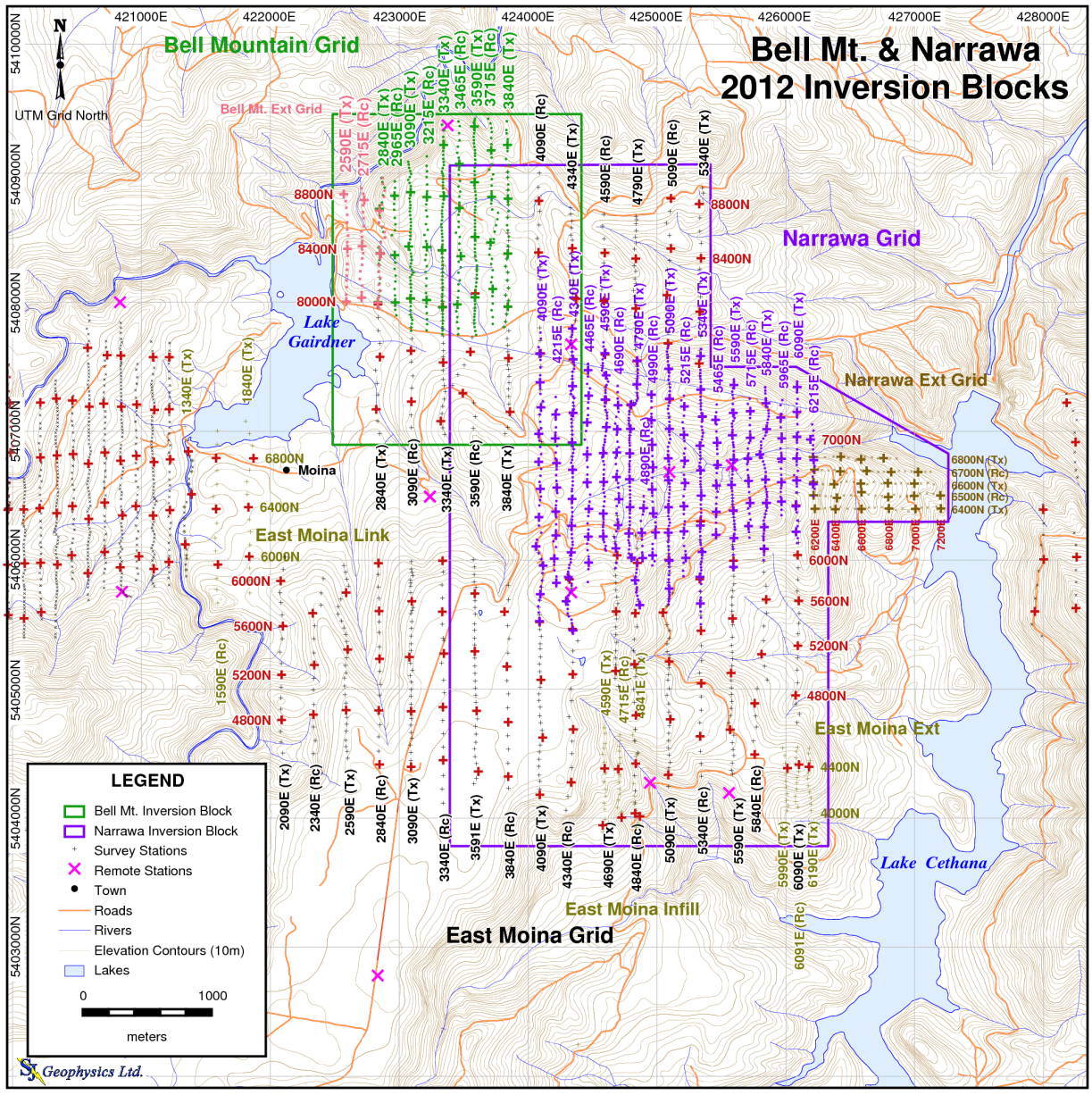


Figure 7: Bell Mountain and Narrawa inversion blocks

APPENDIX A: SURVEY DETAILS

Narrawa Grid

Line	*Series*	*Type*	*Start Station*	*End Station*	*Survey Length (m)*
4090	E	Tx	5600	7750	2150
4215	E	Rc	5800	7350	1550
4340	E	Tx	5600	7800	2200
4465	E	Rc	5800	7450	1650
4590	E	Tx	6075	7625	1550
4690	E	Rc	5850	7350	1500
4790	E	Tx	5600	7600	2000
4890	E	Rc	5950	6500	550
4990	E	Rc	5900	7400	1500
5090	E	Tx	5650	7575	1925
5215	E	Rc	5850	7300	1450
5340	E	Tx	5650	7650	2000
5465	E	Rc	6200	7300	1100
5590	E	Tx	5975	7450	1475
5715	E	Rc	6100	7300	1200
5840	E	Tx	5950	7325	1375
5965	E	Rc	6300	7350	1050
6090	E	Tx	6100	7450	1350
6215	E	Rc	6500	7150	650

Total Linear Metres = 28225

Narrawa Extension Grid

Line	*Series*	*Type*	*Start Station*	*End Station*	*Survey Length (m)*
6400	N	Tx	6200	7200	1000
6500	N	Rc	6200	7200	1000
6600	N	Tx	6200	7150	950
6700	N	Rc	6200	7100	900
6800	N	Tx	6200	6900	700

Total Linear Metres = 4550

Bell Mountain and Extension Grid

Line	*Series*	*Type*	*Start Station*	*End Station*	*Survey Length (m)*
2590	E	Tx	8000	8800	800
2715	E	Rc	8000	8900	900
2840	E	Tx	7950	9050	1100
2965	E	Rc	7900	8900	1000
3090	E	Tx	7775	9050	1275
3215	E	Rc	7800	9100	1300
3340	E	Tx	7800	9350	1550
3465	E	Rc	7750	9550	1800
3590	E	Tx	7725	9275	1550
3715	E	Rc	7700	9500	1800
3840	E	Tx	7850	9350	1500

Total Linear Metres = 14575

Tin Spur Grid

Line	*Series*	*Type*	*Start Station*	*End Station*	*Survey Length (m)*
8000	E	Rc	5400	6450	1050
8250	E	Tx	5600	7300	1700
8500	E	Rc	5200	7100	1900
8750	E	Tx	4400	6850	2450
9000	E	Rc	4400	6900	2500
9250	E	Tx	4400	6900	2500

Total Linear Metres = 12100

Tin Spur Extension Grid

Line	*Series*	*Type*	*Start Station*	*End Station*	*Survey Length (m)*
8750	E	Tx	6550	7200	650
8875	E	Rc	6750	7150	400
9000	E	Tx	6550	7300	750
9125	E	Rc	6450	7000	550
9250	E	Tx	6475	7350	875
9375	E	Rc	6150	7100	950
9500	E	Tx	5900	7000	1100

Total Linear Metres = 5275

Ti-Tree Creek Grid

Line	*Series*	*Type*	*Start Station*	*End Station*	*Survey Length (m)*
21340	E	Tx	5700	7900	2200
21215	E	Rc	5800	7700	1900
21090	E	Tx	5800	7900	2100
20965	E	Rc	5800	7500	1700
20840	E	Tx	5850	7875	2025
20715	E	Rc	5700	7700	2000
20590	E	Tx	5800	7850	2050
20465	E	Rc	5800	7250	1450
20340	E	Tx	5450	7350	1900
20215	E	Rc	5550	7200	1650
20090	E	Tx	5450	6625	1775
19965	E	Rc	5550	6600	1050
19840	E	Tx	5425	6600	1175
19715	E	Rc	5200	6500	1300
19590	E	Tx	5225	6375	1150
19465	E	Rc	5200	6300	1100
19340	E	Tx	5200	6300	1100
19215	E	Rc	5200	6200	1000
19090	E	Tx	5225	6200	975
18965	E	Rc	5200	6100	900
18840	E	Tx	5225	6050	825
18715	E	Rc	5200	6100	900
18600	E	Tx	5200	6050	850
18500	E	Rc	5650	6000	350
18400	E	Tx	5700	5950	250

Total Linear Metres = 33675

Fletchers Grid

Line	*Series*	*Type*	*Start Station*	*End Station*	*Survey Length (m)*
19965	E	Rc	6400	7500	1100
19840	E	Tx	6700	7450	750
19715	E	Rc	6350	7350	1000
19590	E	Tx	6400	7100	700
19465	E	Rc	6150	7100	950
19340	E	Tx	6350	7100	750
19215	E	Rc	6000	7150	1150
19090	E	Tx	6300	6900	600
18965	E	Rc	5900	6900	1000
18840	E	Tx	6150	5900	750
18715	E	Rc	5800	6900	1100
18590	E	Tx	6250	6900	650
18500	E	Rc	5700	6000	300
18465	E	Rc	6100	6900	800
18340	E	Tx	6450	6900	450
18215	E	Rc	6300	6900	600
18090	E	Tx	6250	6850	600

Total Linear Metres = 13250

East Moina Regional Grid

Line	*Series*	*Type*	*Start Station*	*End Station*	*Survey Length (m)*
2840(N)	E	Tx	7000	8400	1400
3090(N)	E	Rc	7100	8300	1200
3340(N)	E	Tx	7100	8400	1300
3590(N)	E	Rc	6900	8300	1400
3840(N)	E	Tx	6950	9000	2050
4090(N)	E	Rc	6950	9000	2050
4340(N)	E	Tx	6900	8700	1800
4590(N)	E	Rc	7000	8700	1700
4790(N)	E	Tx	6950	8750	1800
5090(N)	E	Rc	7000	8800	1800
5340(N)	E	Tx	6900	8950	2050
6090(S)	E	Tx	4500	6500	2000
5840(S)	E	Rc	4400	6500	2100
5590(S)	E	Tx	4450	6500	2050
5340(S)	E	Rc	4500	6400	1900
5090(S)	E	Tx	4300	6250	1950
4840(S)	E	Rc	4000	6200	2200
4690(S)	E	Tx	5100	6300	1200
4340(S)	E	Rc	4200	6000	1800
4090(S)	E	Tx	4400	6200	1800
3840(S)	E	Rc	4300	5800	1500
3590(S)	E	Tx	4300	5850	1550
3340(S)	E	Rc	4100	6000	1900
3090(S)	E	Tx	4400	5900	1500
2840(S)	E	Rc	4400	6000	1600
2590(S)	E	Tx	4450	5800	1350
2340(S)	E	Rc	4500	5900	1400

Line	*Series*	*Type*	*Start Station*	*End Station*	*Survey Length (m)*
2090(S)	E	Tx	4500	6200	1700
4851(S)	E	Tx	3900	4700	800
4715(S)	E	Rc	4000	4700	700
4590(S)	E	Tx	3950	4700	750
1340	E	Tx	5750	7000	1250
1590	E	Rc	5700	7000	1300
1840	E	Tx	5700	7100	1400
5990	E	Tx	4050	4550	500
6091	E	Rc	4050	4550	500
6190	E	Tx	4050	4550	500

Total Linear Metres = 55750

(N) and (S) refer to lines north or south of either the Narrawa grid or the exclusion zone

Rc = Receiver Line, Tx = Transmitter Line

APPENDIX B: INSTRUMENT SPECIFICATIONS

SJ Full Waveform Digital DABstix Receiver

Technical

Input impedance:	10MΩ
Input overvoltage protection:	5.6V
Internal memory:	Storage Capacity 6.9 GB, readings dependent on sample rate and duration
Number of dipoles:	1
Synchronization:	GPS
Programmable Gain (V/V):	1, 2, 4, 8, 16, 32, 64, 128
Selectable Sampling Rates (samples/second):	10, 100, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 7500, 10000, 12500, 15000, 17500, 20000, 20833
Common mode rejection:	More than 80 dB (for Rs=0)
Self potential (Sp):	Range:-2.048V to +2.048V Resolution: 0.24 μV Proprietary intelligent stacking process rejecting strong non-linear SP drifts.
Primary voltage:	Range: -2.5 to 2.5V (24 bit) Resolution: 0.24μV Accuracy: typ. <1.0%
Chargeability:	Accuracy: typ. <1.0%

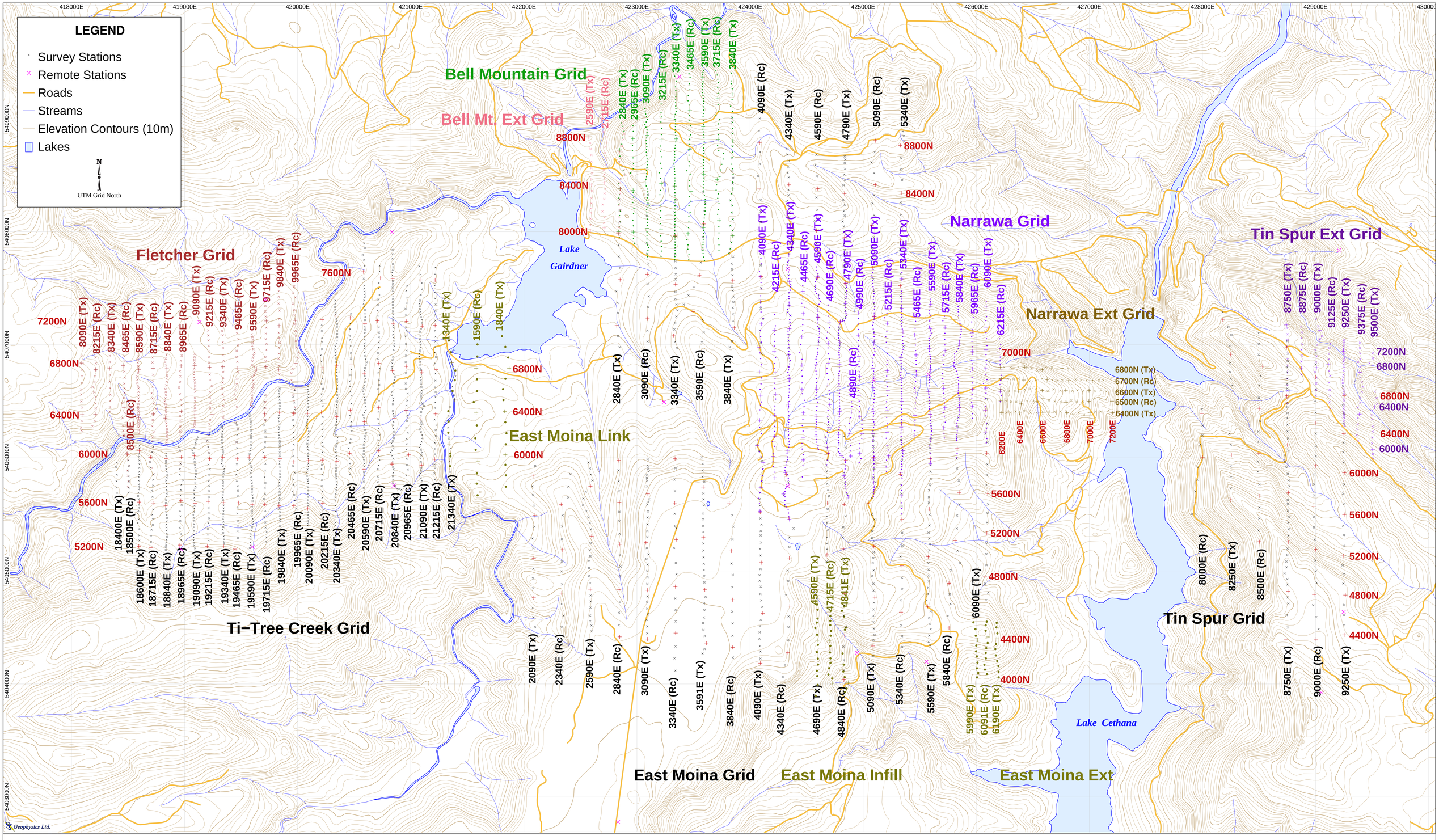
General

Dimensions:	19.4 x 7 x 3.7cm
Weight:	0.4 kg
Battery:	12V external
Operating temperature range:	-5 ºC to 40 ºC

GDD Tx II IP Transmitter

Input voltage:	120V / 60 Hz or 240V / 50Hz (optional)
Output power:	3.6 kW maximum
Output voltage:	150 to 2400 V
Output current:	5 mA to 10 A
Time domain:	1, 2, 4, 8 second on/off cycle
Operating temp. range:	-40 °C to +65 °C
Display:	Digital LCD read to 0.001 A
Dimensions:	34 x 21 x 39 cm
Weight:	45 kg

APPENDIX C: COMPILATION PLAN MAPS



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

0 500 1000 1500 2000 2500
meters

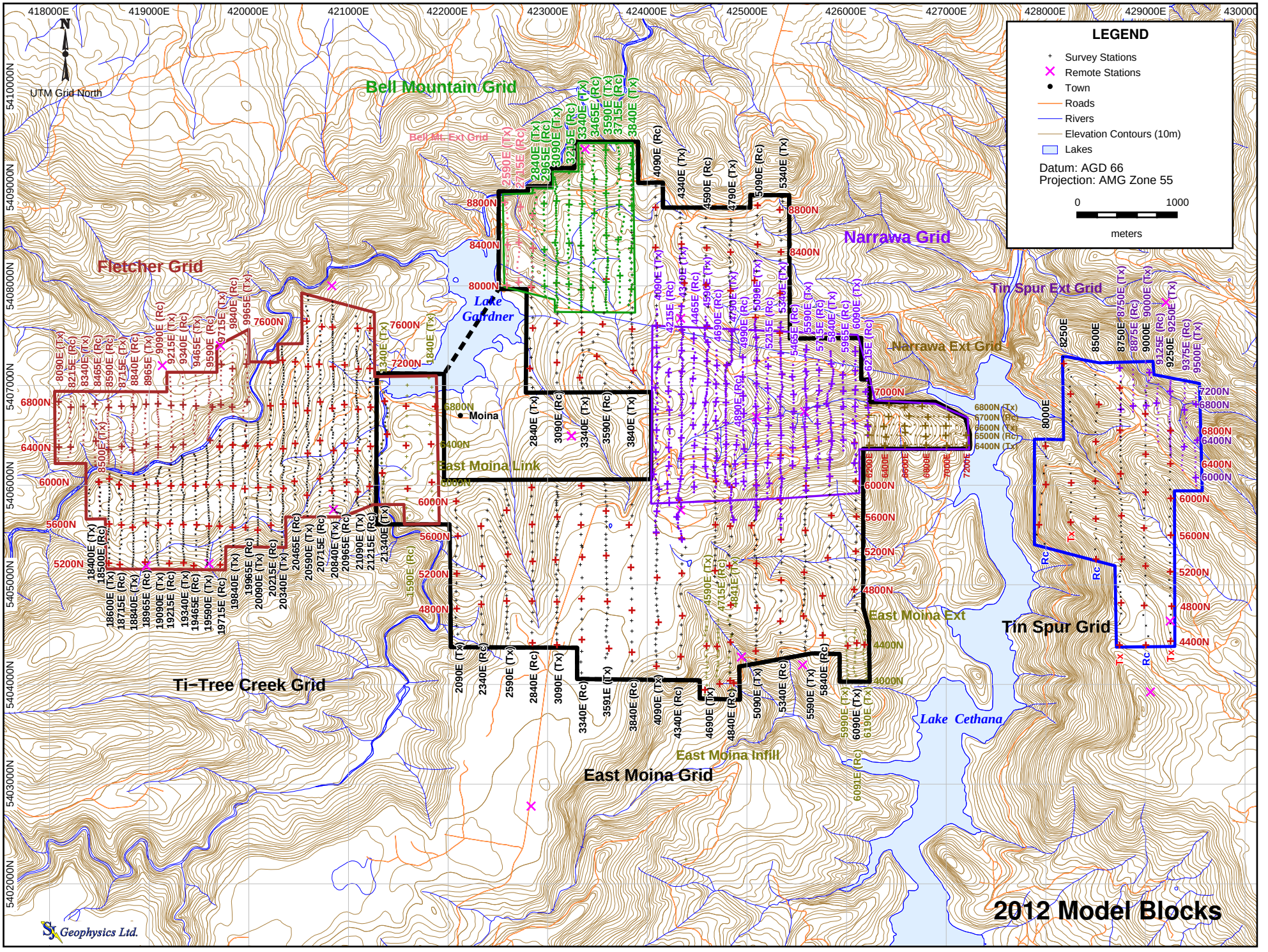
Frontier Resources Ltd.

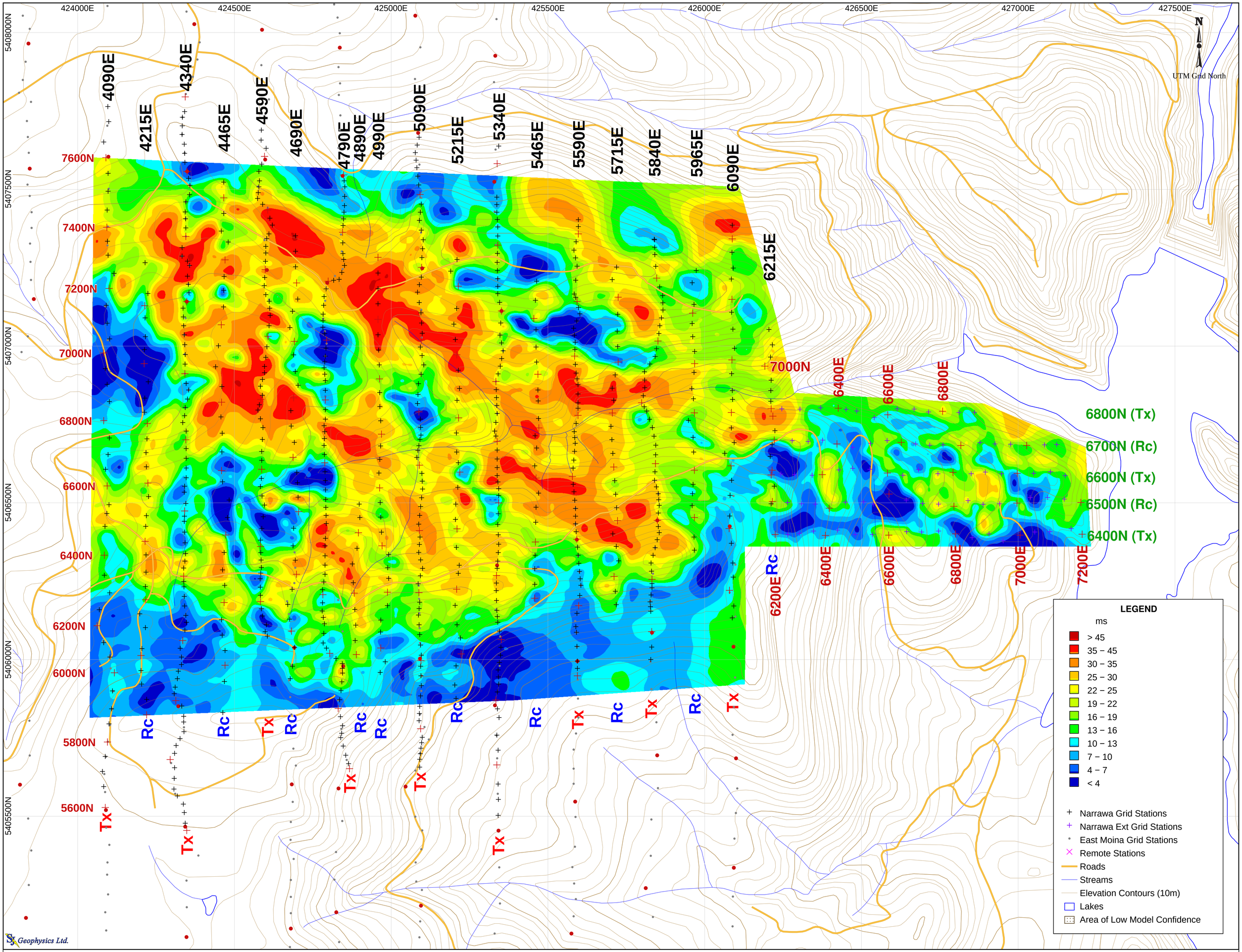
3D IP Survey Grids

Moina Project

Compilation

Moina, Tasmania, Australia


LEGEND
Survey Stations
Remote Stations
Town
Roads
Rivers
Elevation Contours (10m)
Lakes
Datum: AGD 66
Projection: AMG Zone 55
0
1000
meters
UTM Grid North
Bell Mountain Grid
Bell Mt. Ext Grid
Fletcher Grid
Narrawa Grid
Narrawa Ext Grid
Tin Spur Ext Grid
Tin Spur Grid
Lake Gardner
Moina
East Moina Link
East Moina Ext
East Moina Infill
East Moina Grid
Ti-Tree Creek Grid
Lake Cethana
2012 Model Blocks
Geophysics Ltd.



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

Planmap

3D Inversion Model

Depth: 25m Below Topography

0 200 400 600 800 1000
meters

Frontier Resources Ltd.

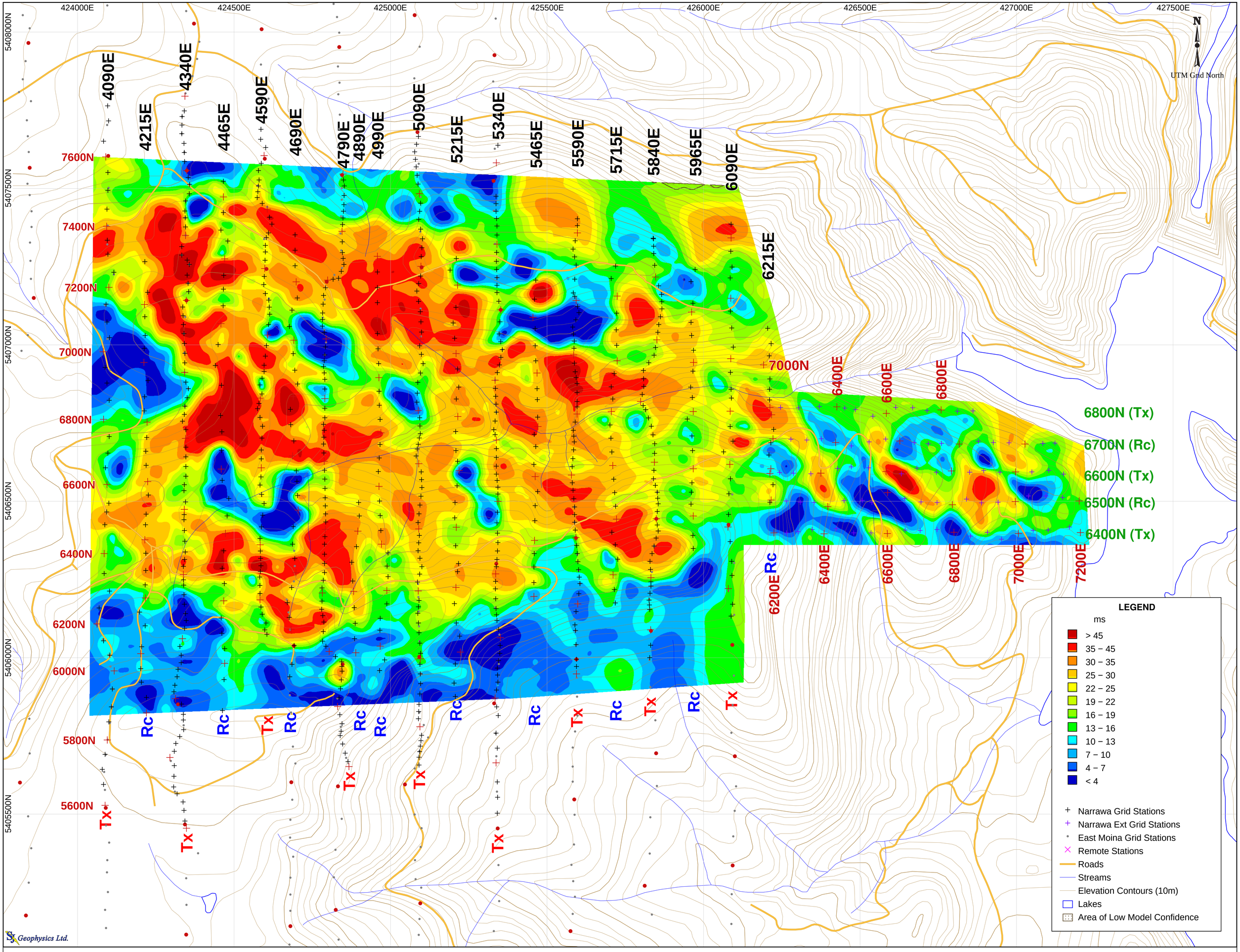
Interpreted Chargeability (ms)

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

Planmap

3D Inversion Model

Depth: 50m Below Topography

0 200 400 600 800 1000

meters

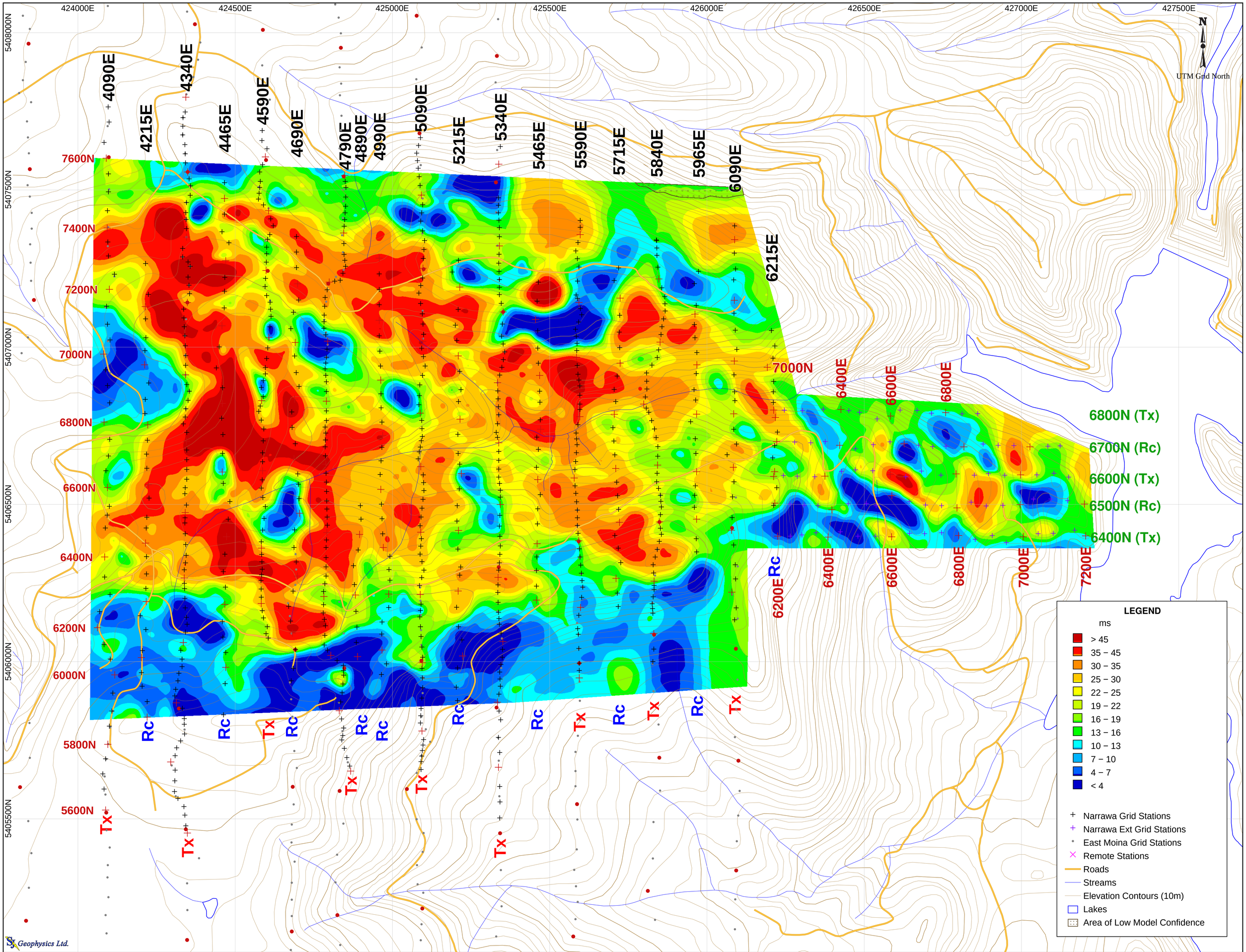
Frontier Resources Ltd.

Interpreted Chargeability (ms)

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

Planmap

3D Inversion Model

Depth: 75m Below Topography

0 200 400 600 800 1000

meters

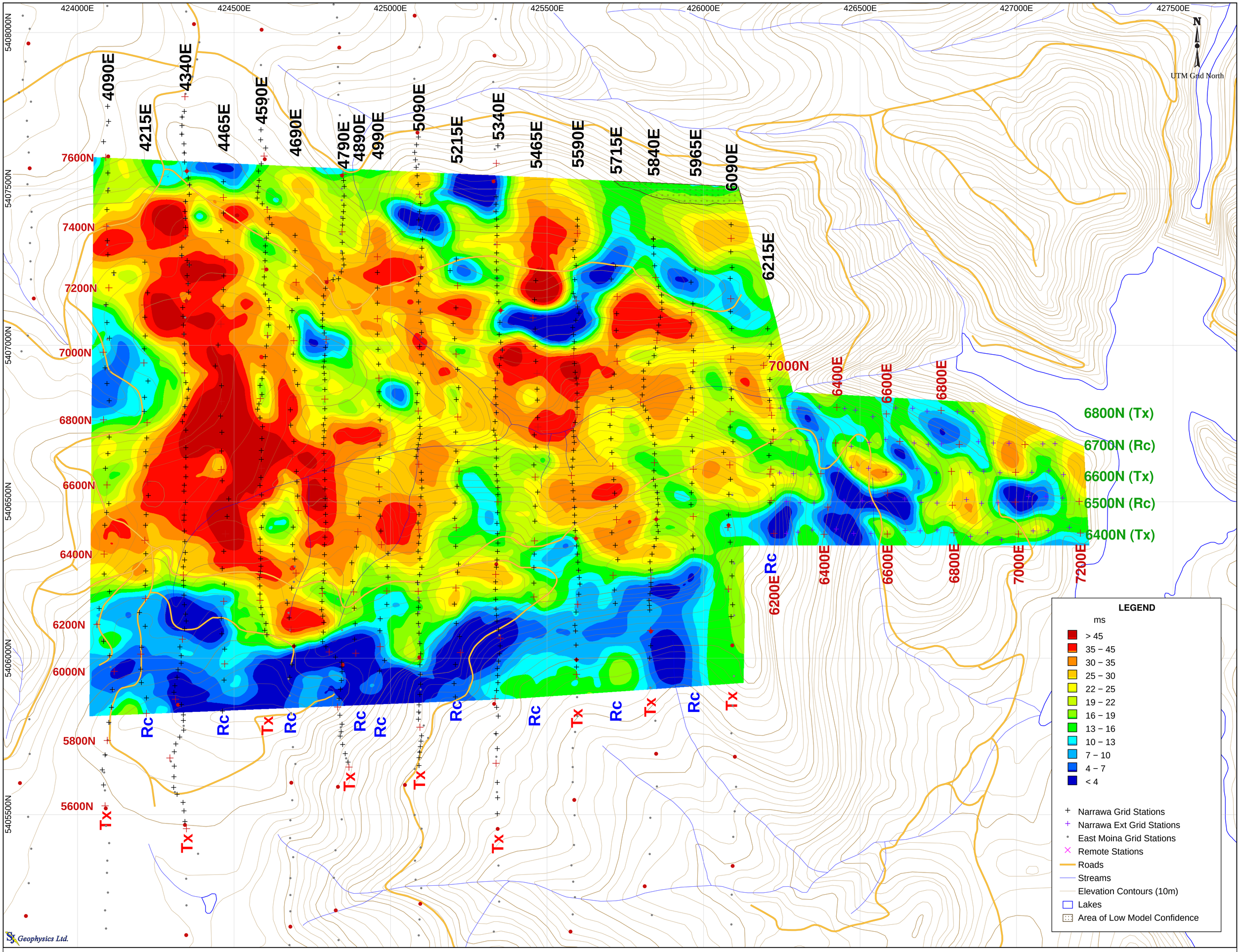
Frontier Resources Ltd.

Interpreted Chargeability (ms)

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

Planmap

3D Inversion Model

Depth: 100m Below Topography

0 200 400 600 800 1000
meters

Frontier Resources Ltd.

Interpreted Chargeability (ms)

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia

424000E 424500E 425000E 425500E 426000E 426500E 427000E 427500E

5408000N 5407500N 5407000N 5406500N 5406000N 5405500N

UTM Grid North

4090E 4215E 4340E 4465E 4590E 4690E 4790E 4890E 4990E 5090E 5215E 5340E 5465E 5590E 5715E 5840E 5965E 6090E 6215E

7600N 7400N 7200N 7000N 6800N 6600N 6400N 6200N 6000N 5800N 5600N

6400E 6600E 6800E 7000E 7200E

6800N (Tx)
6700N (Rc)
6600N (Tx)
6500N (Rc)
6400N (Tx)

6200E Rc

Rc Rc Tx Rc Rc Rc Rc Tx Rc Tx Rc Tx Rc Tx

Tx Tx Tx Tx Tx

SJ Geophysics Ltd.

LEGEND

ms

- > 45
- 35 − 45
- 30 − 35
- 25 − 30
- 22 − 25
- 19 − 22
- 16 − 19
- 13 − 16
- 10 − 13
- 7 − 10
- 4 − 7
- < 4

- Narrawa Grid Stations
- Narrawa Ext Grid Stations
- East Moina Grid Stations
- Remote Stations
- Roads
- Streams
- Elevation Contours (10m)
- Lakes
- Area of Low Model Confidence

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

Planmap

3D Inversion Model

Depth: 150m Below Topography

0 200 400 600 800 1000

meters

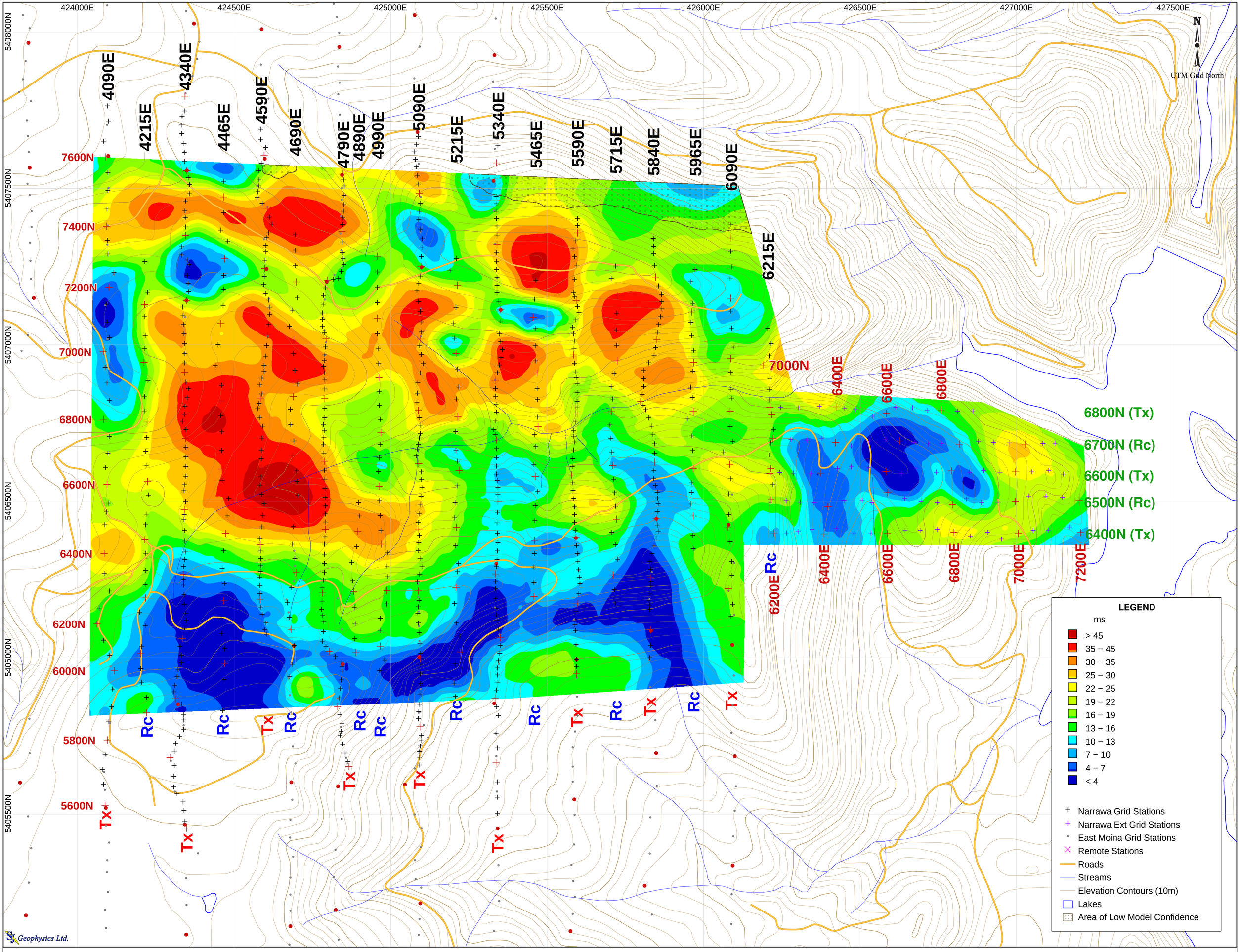
Frontier Resources Ltd.

Interpreted Chargeability (ms)

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

Planmap

3D Inversion Model

Depth: 200m Below Topography

0 200 400 600 800 1000

meters

Frontier Resources Ltd.

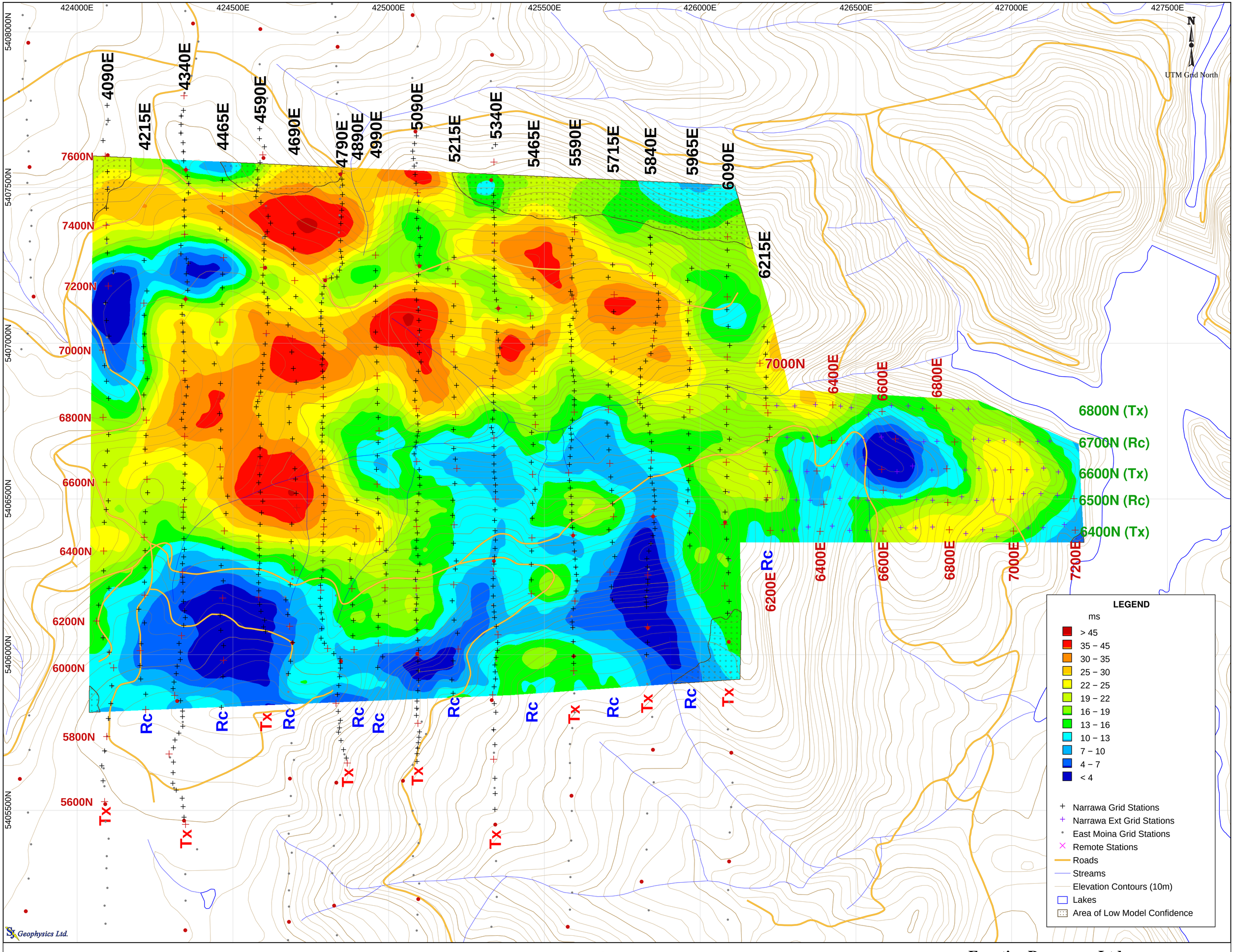
Interpreted Chargeability (ms)

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

Planmap

3D Inversion Model

Depth: 250m Below Topography

0 200 400 600 800 1000

meters

Frontier Resources Ltd.

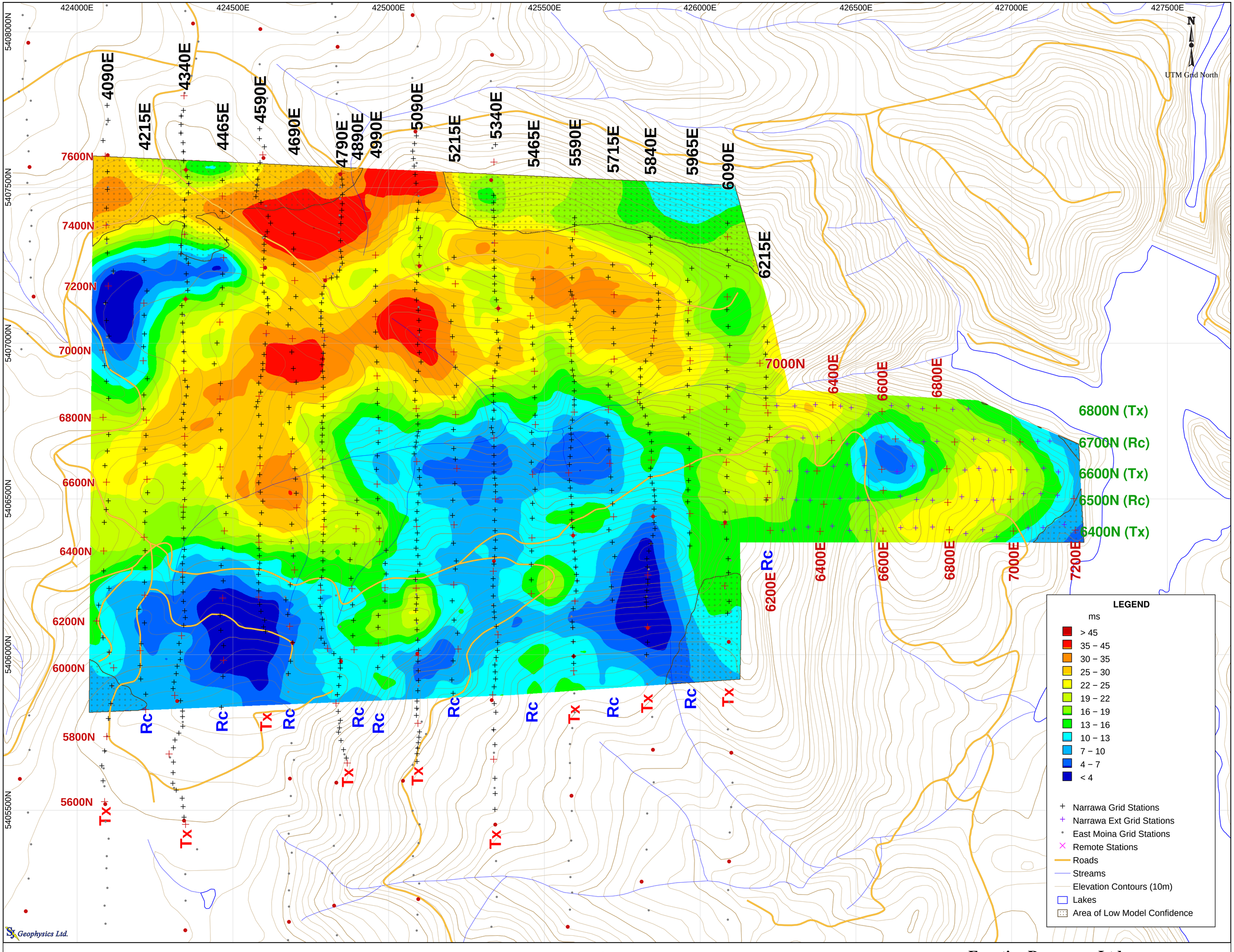
Interpreted Chargeability (ms)

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

Planmap

3D Inversion Model

Depth: 300m Below Topography

0 200 400 600 800 1000

meters

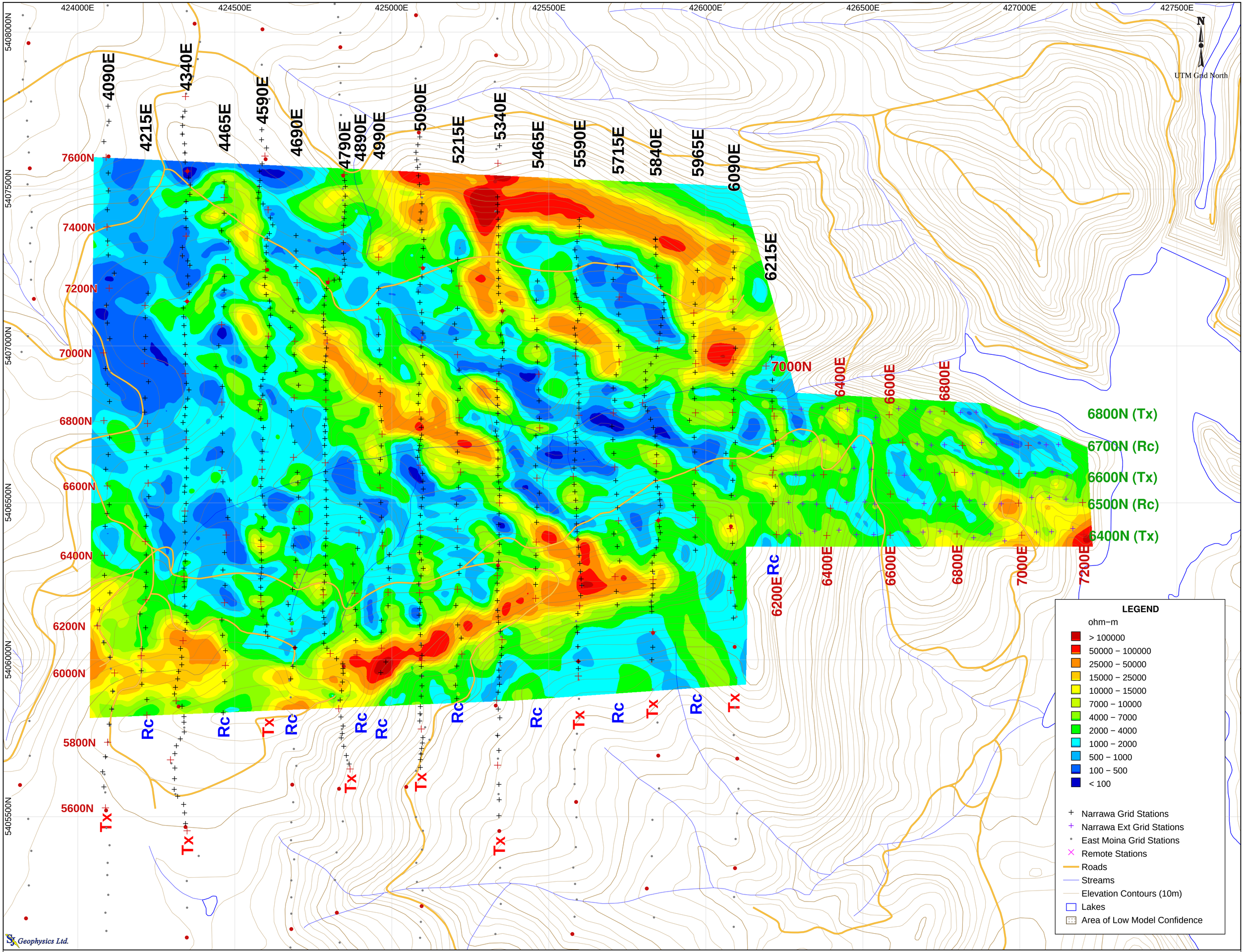
Frontier Resources Ltd.

Interpreted Chargeability (ms)

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

Planmap

3D Inversion Model

Depth: 25m Below Topography

0 200 400 600 800 1000
meters

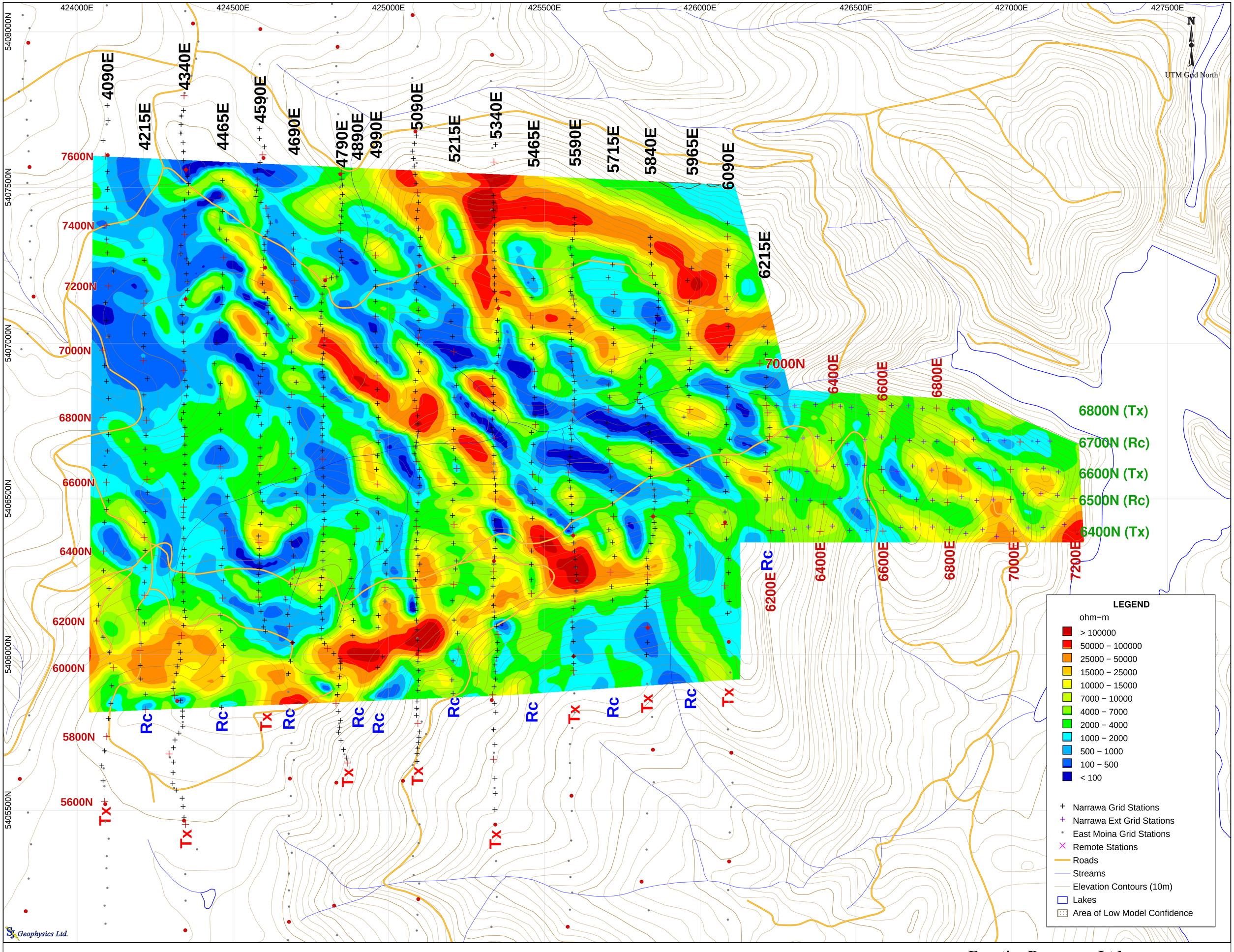
Frontier Resources Ltd.

Interpreted Resistivity (ohm−m)

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

Planmap

3D Inversion Model

Depth: 50m Below Topography

0 200 400 600 800 1000

meters

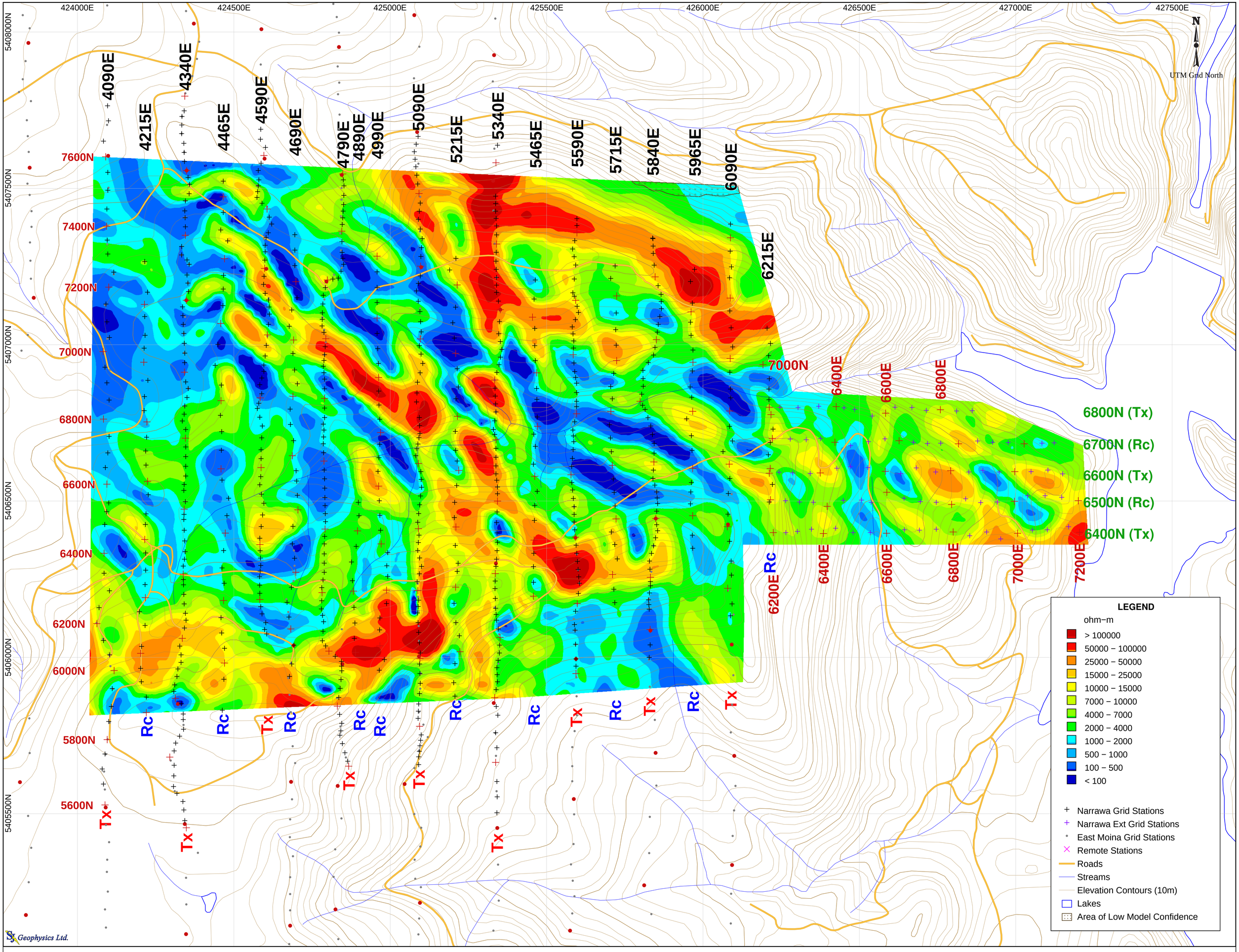
Frontier Resources Ltd.

Interpreted Resistivity (ohm−m)

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

Planmap

3D Inversion Model

Depth: 75m Below Topography

0 200 400 600 800 1000

meters

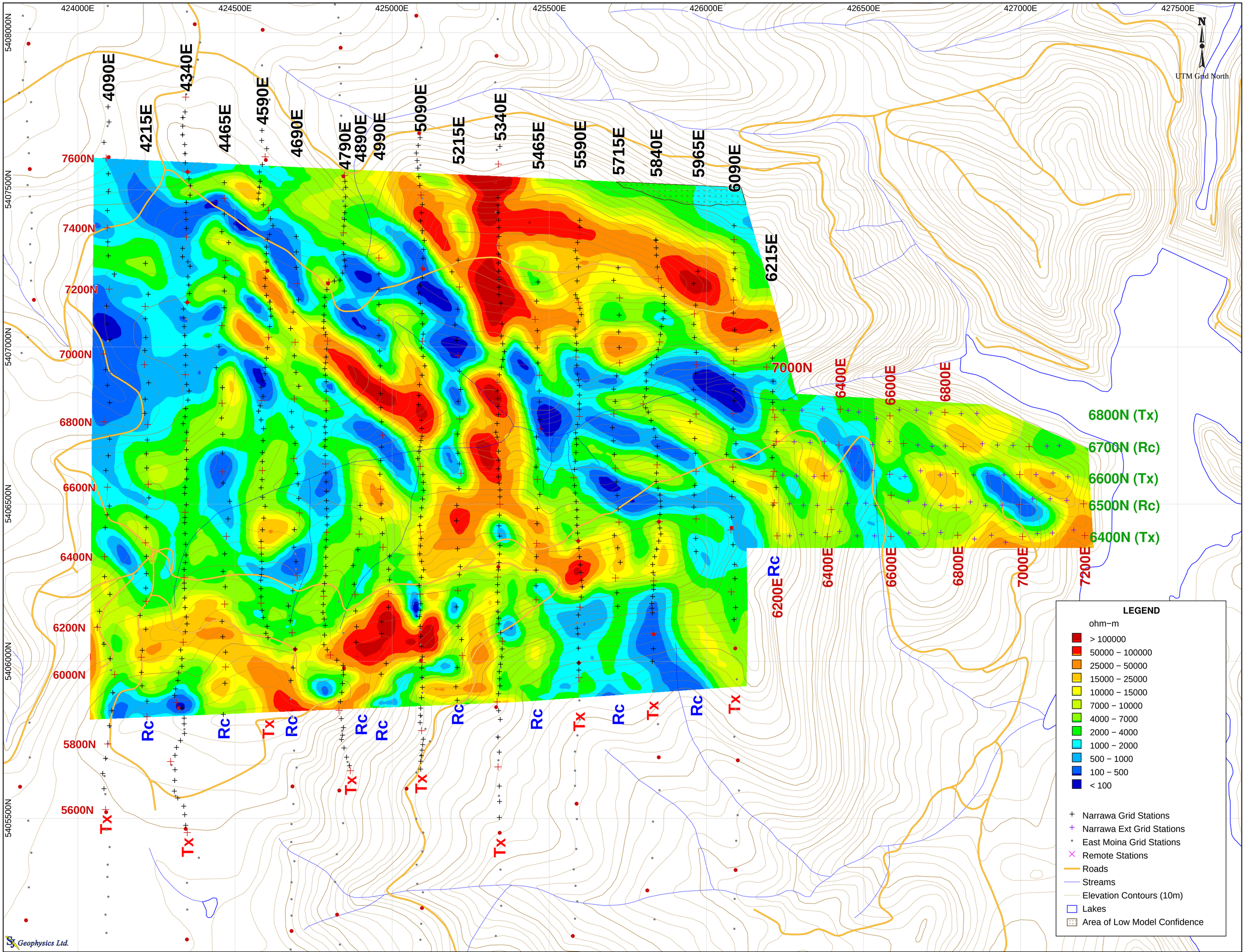
Frontier Resources Ltd.

Interpreted Resistivity (ohm−m)

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

Planmap

3D Inversion Model

Depth: 100m Below Topography

0 200 400 600 800 1000
meters

Frontier Resources Ltd.

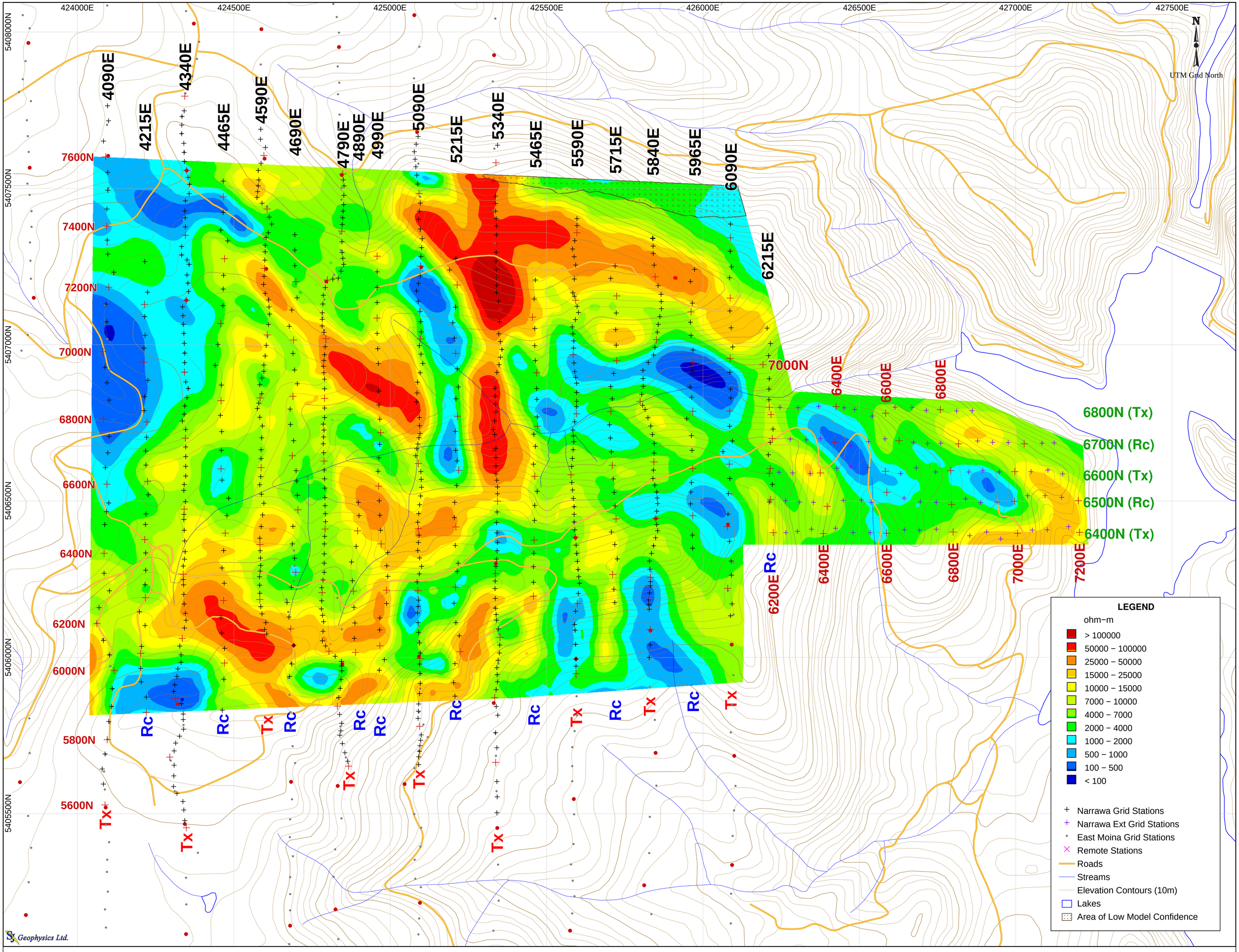
Interpreted Resistivity (ohm−m)

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

Planmap

3D Inversion Model

Depth: 150m Below Topography

0 200 400 600 800 1000

meters

Frontier Resources Ltd.

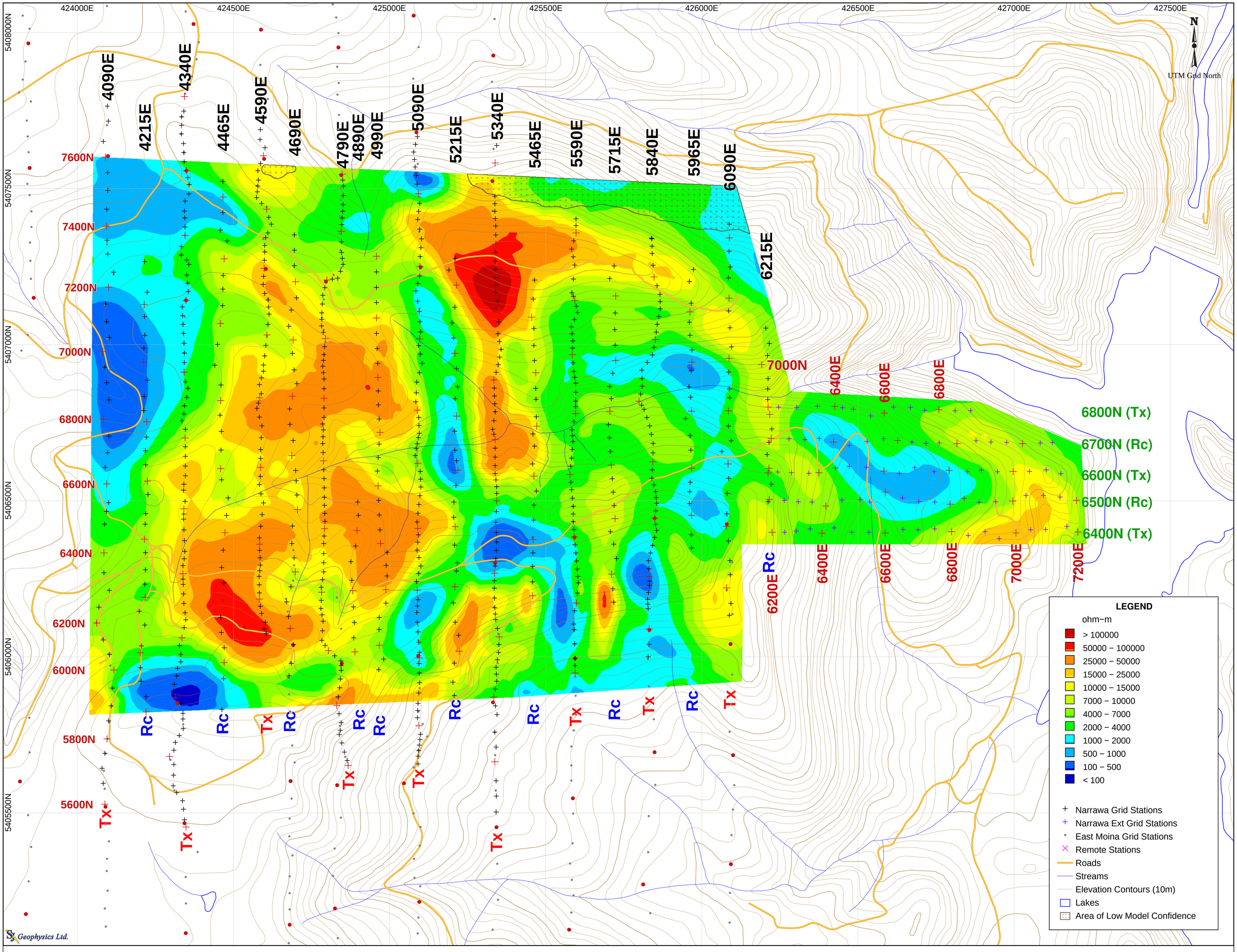
Interpreted Resistivity (ohm−m)

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

Planmap

3D Inversion Model

Depth: 200m Below Topography

0 200 400 600 800 1000
meters

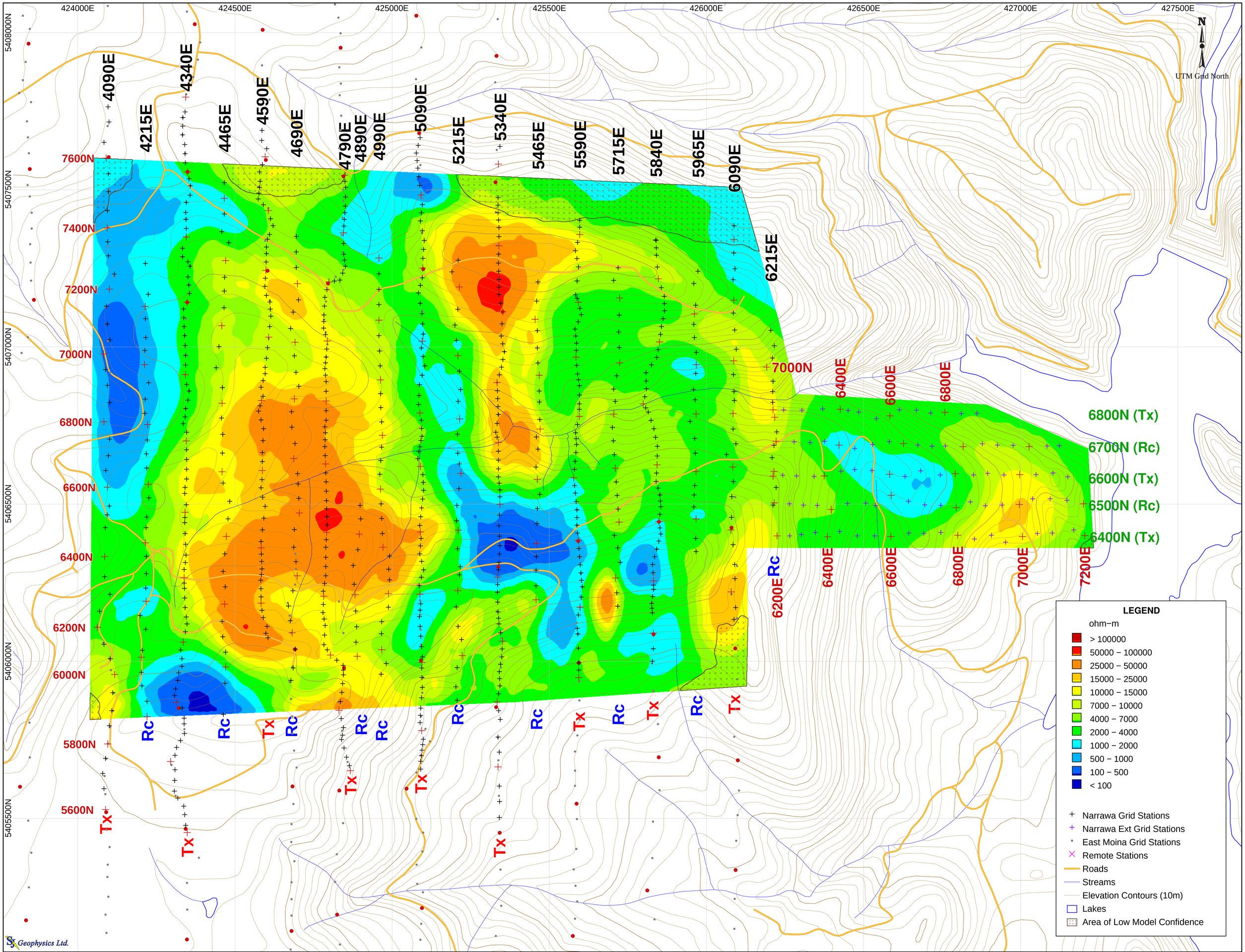
Frontier Resources Ltd.

Interpreted Resistivity (ohm−m)

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

Planmap

3D Inversion Model

Depth: 250m Below Topography

0 200 400 600 800 1000
meters

Frontier Resources Ltd.

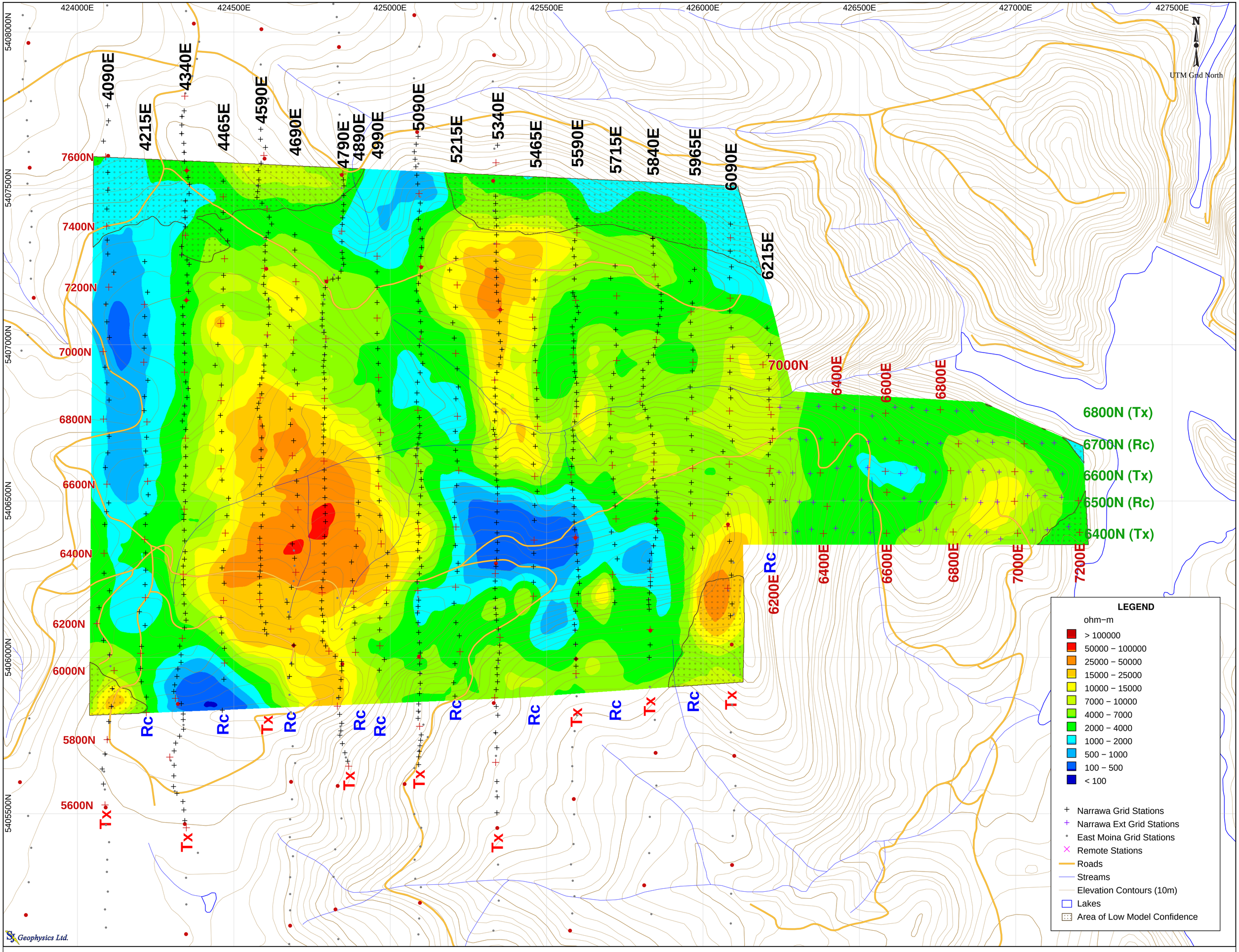
Interpreted Resistivity (ohm−m)

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

Planmap

3D Inversion Model

Depth: 300m Below Topography

0 200 400 600 800 1000

meters

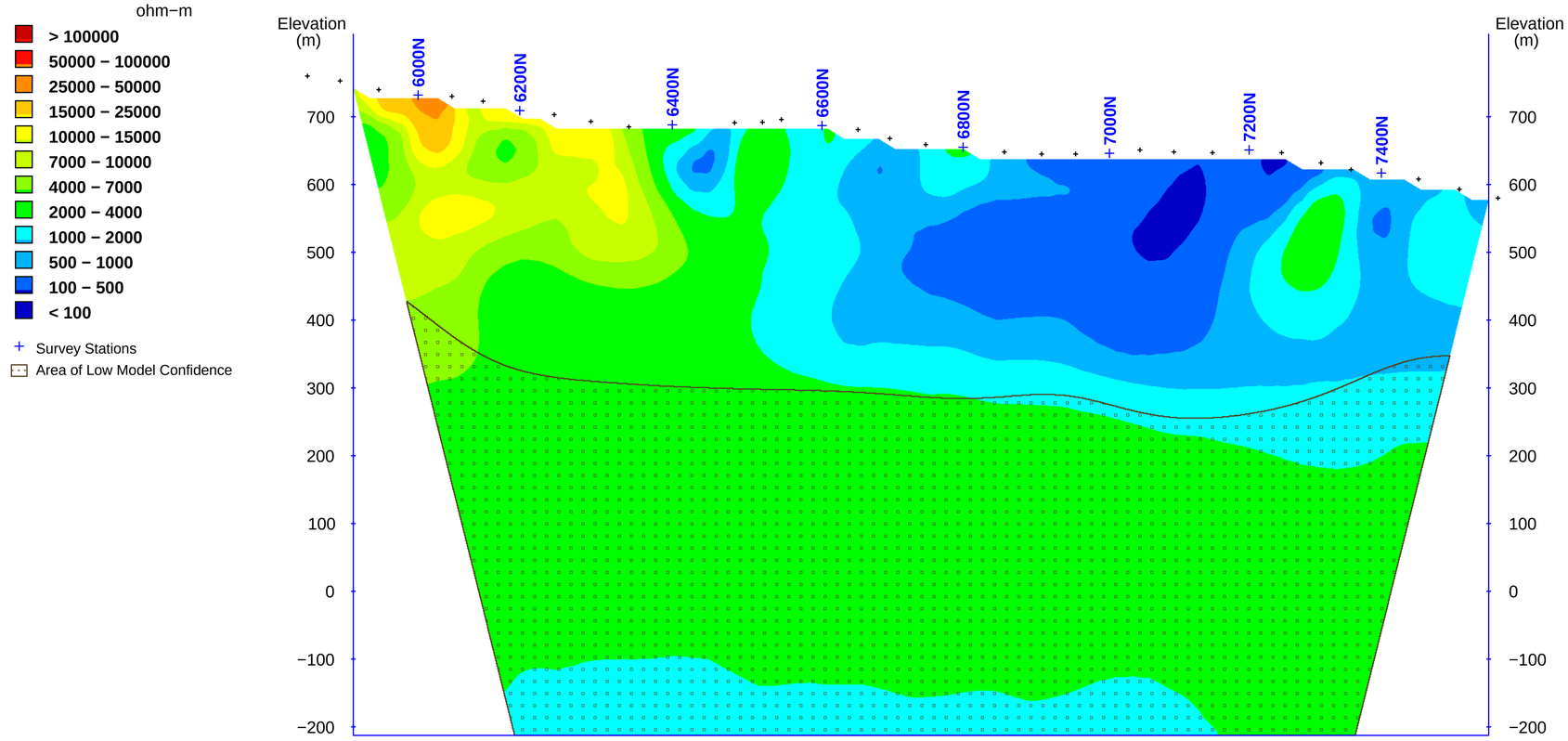
Frontier Resources Ltd.

Interpreted Resistivity (ohm−m)

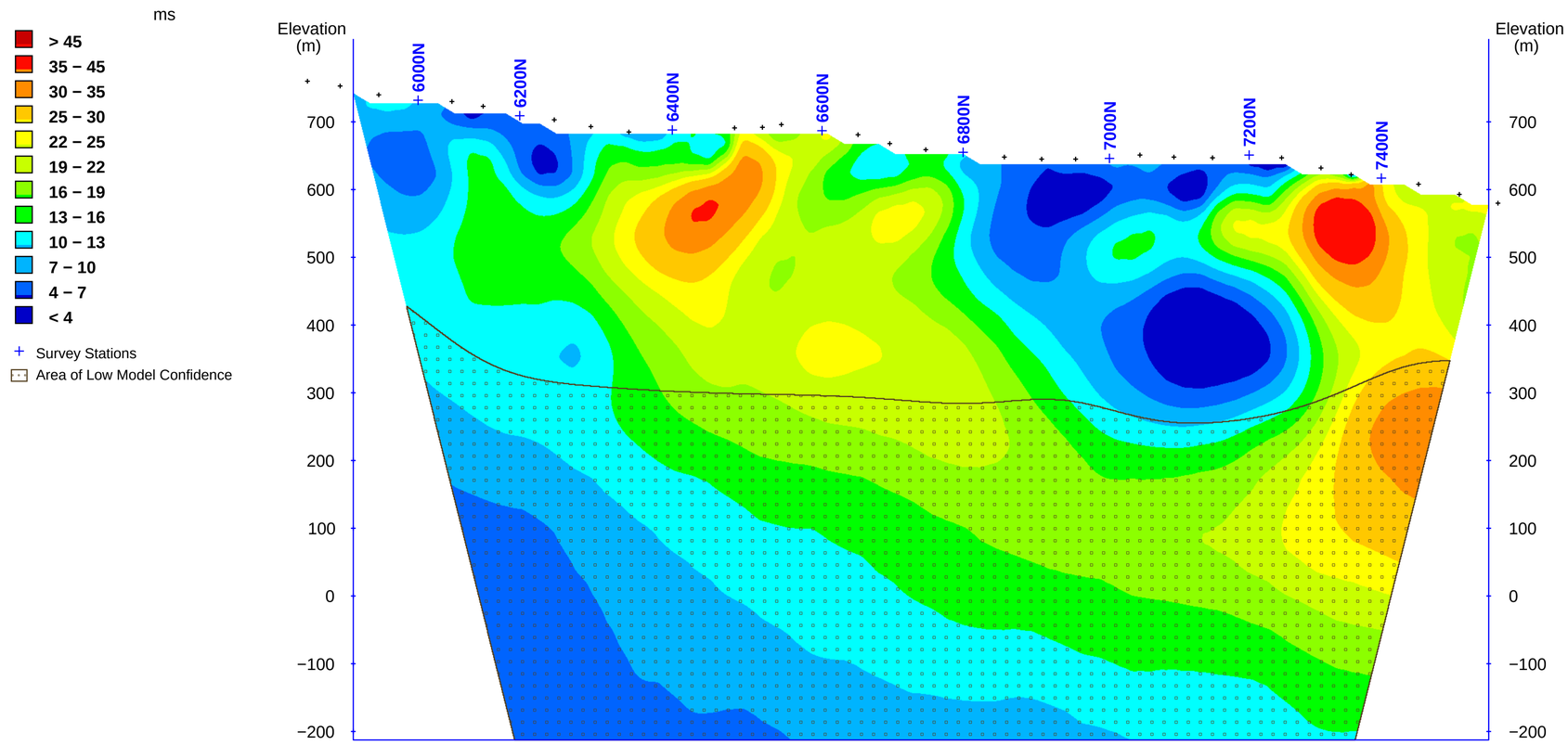
Moina Project

Narrawa and Extension Grids

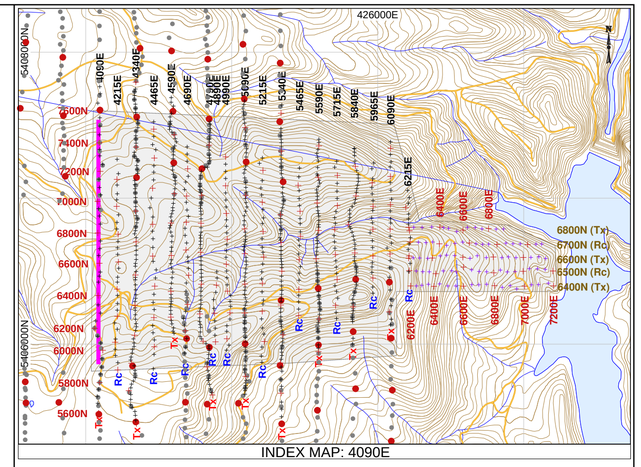
Moina, Tasmania, Australia



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 4090E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

Moina Project

Narrawa and Extension Grids

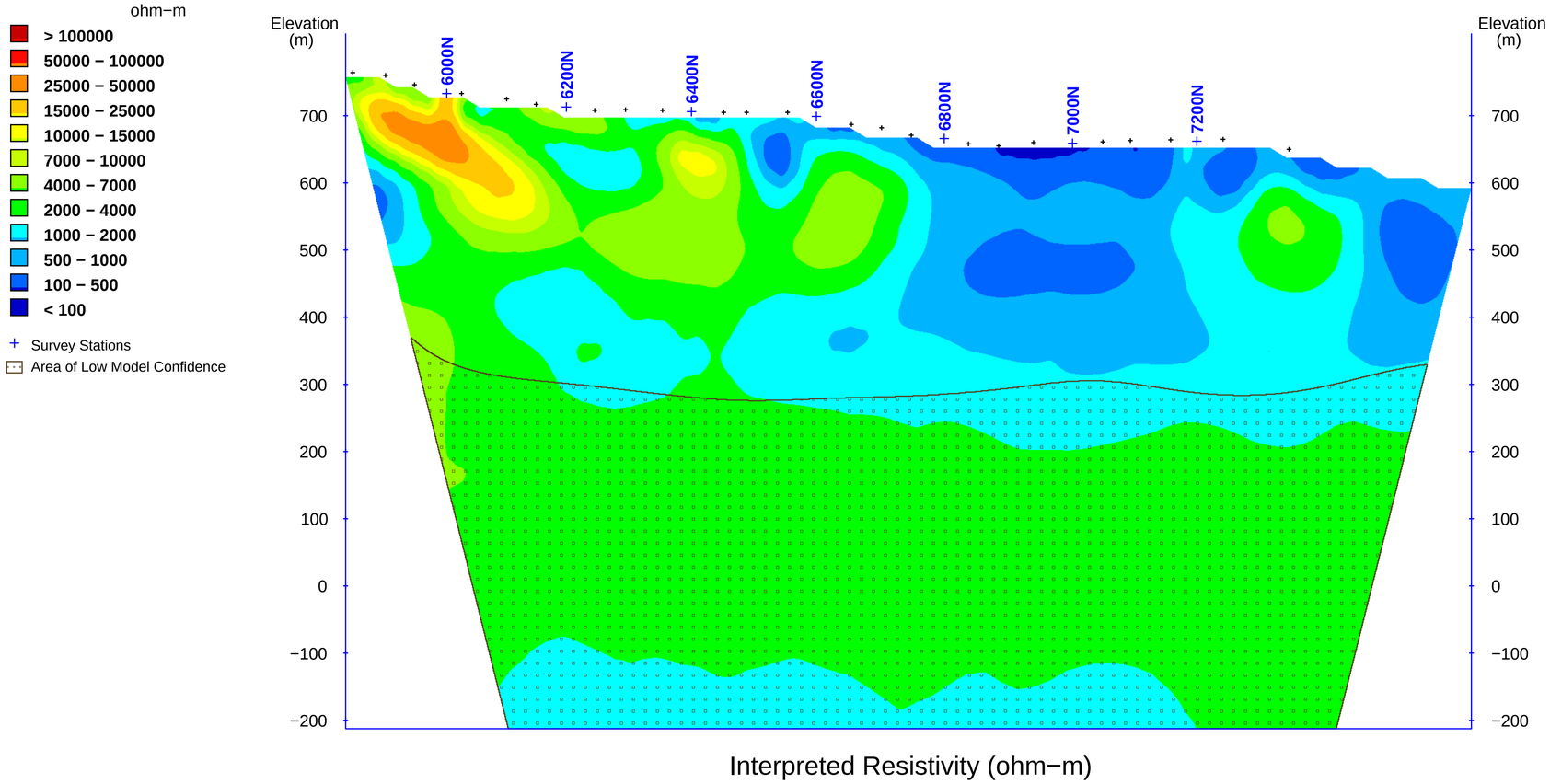
Moina, Tasmania, Australia

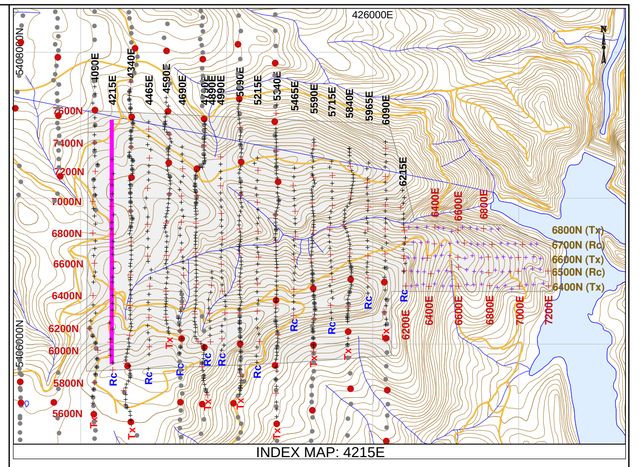
3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 4090E

SJ Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

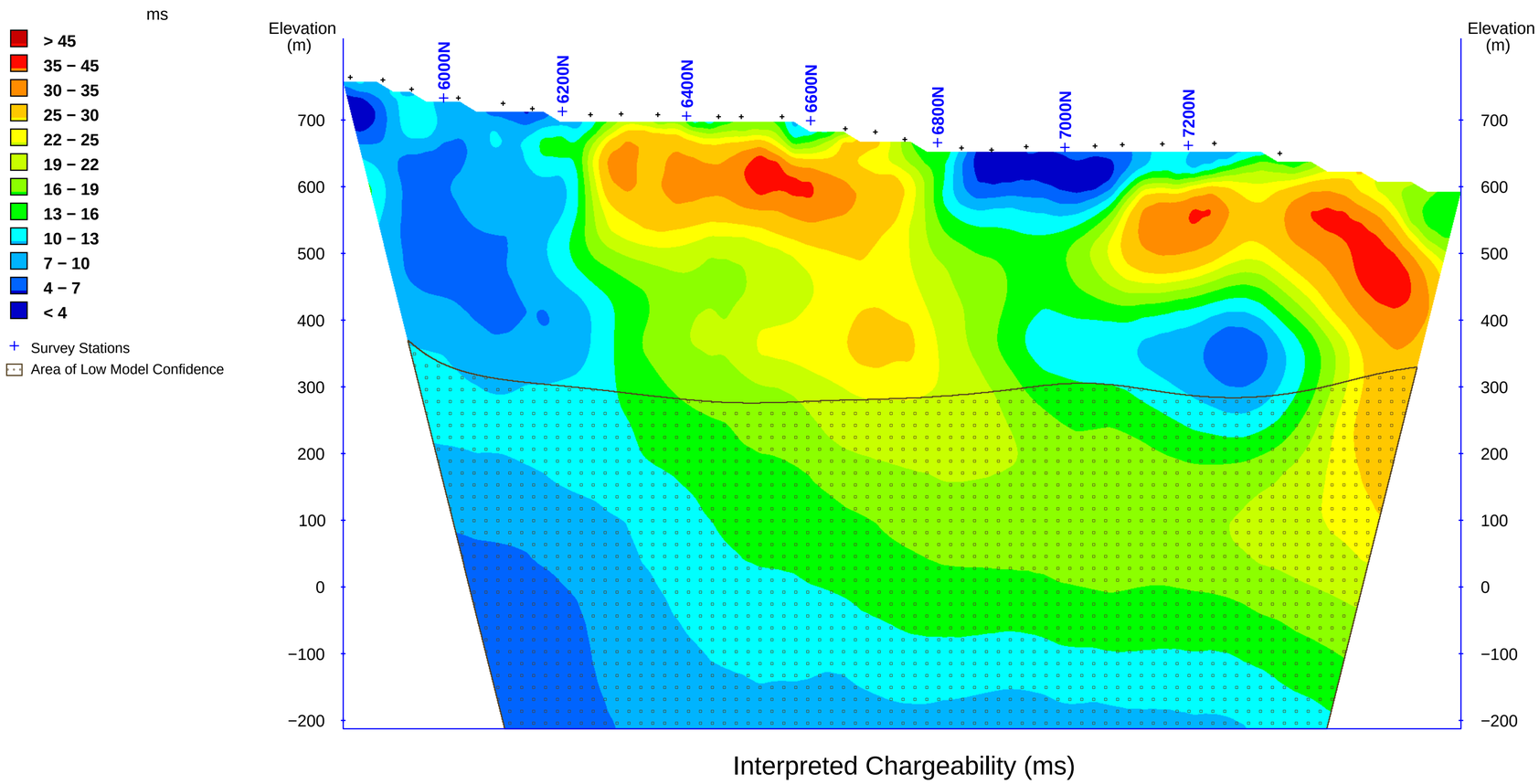




Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012



Frontier Resources Ltd.

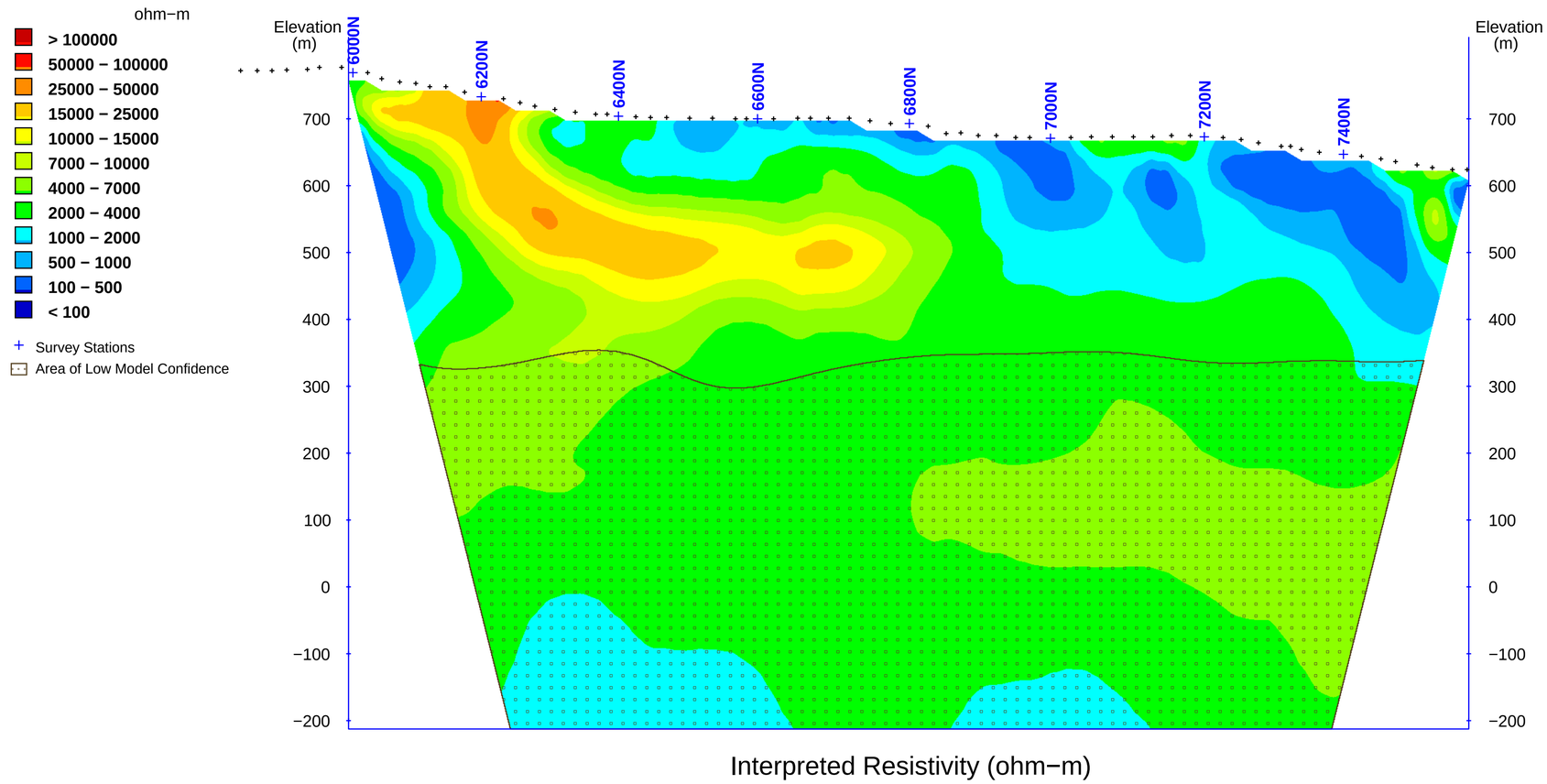
Moina Project

Narrawa and Extension Grids

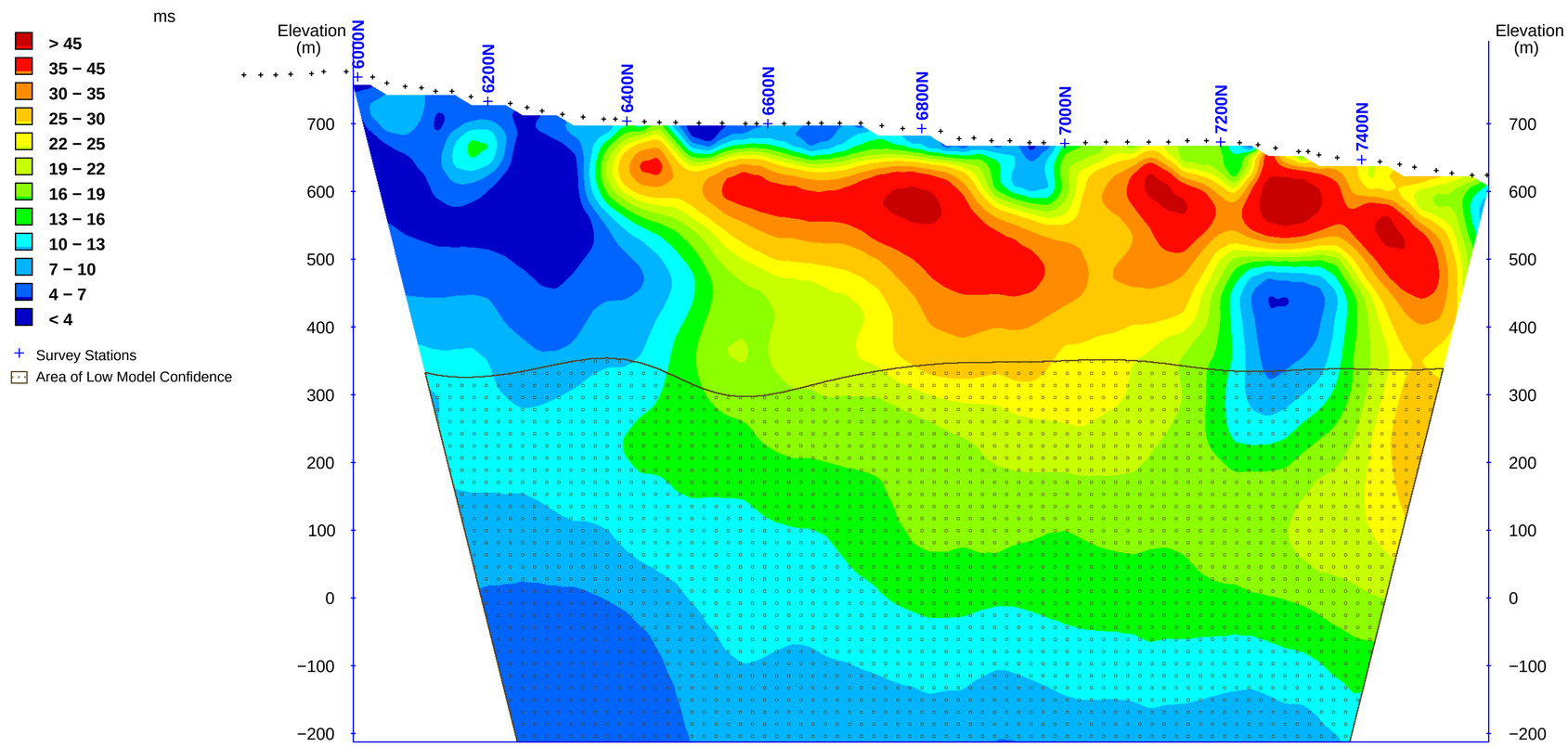
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

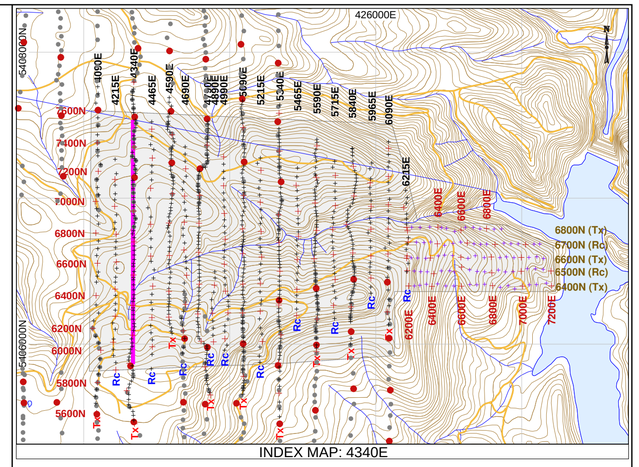
Cross Section Map
Section: 4215E



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 4340E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

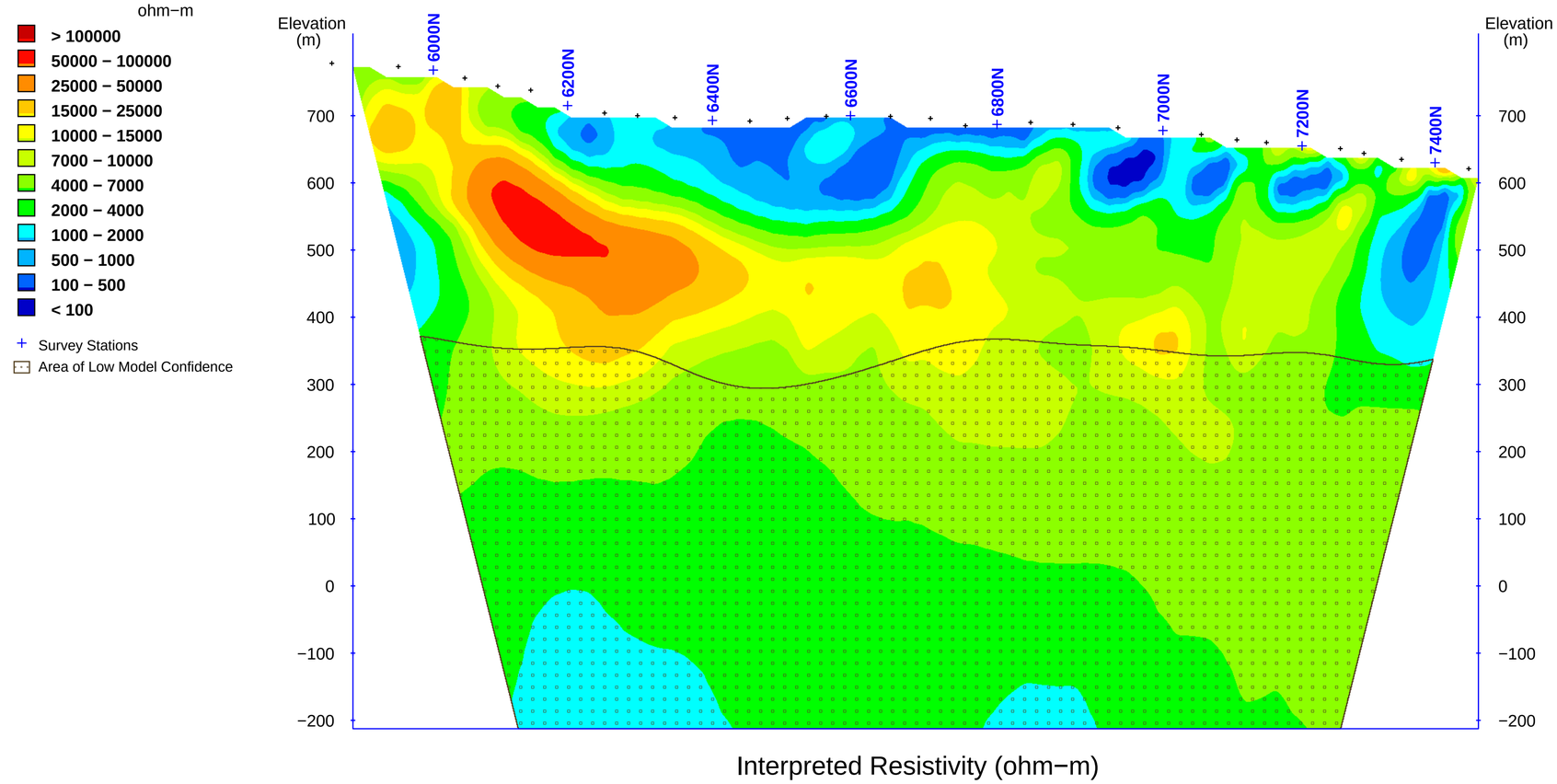
Moina Project

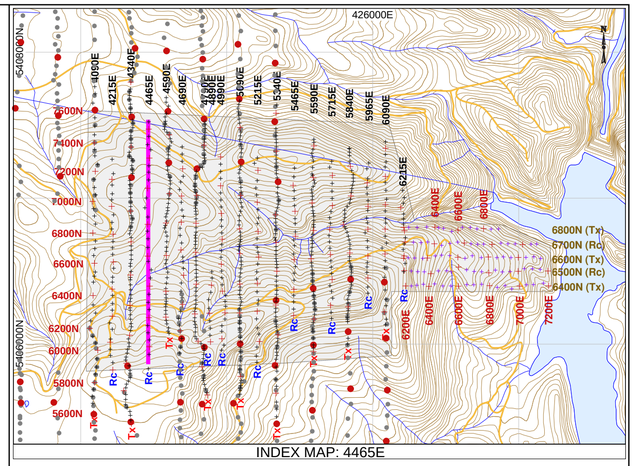
Narrawa and Extension Grids

Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 4340E

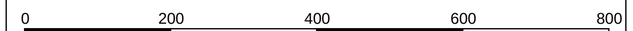


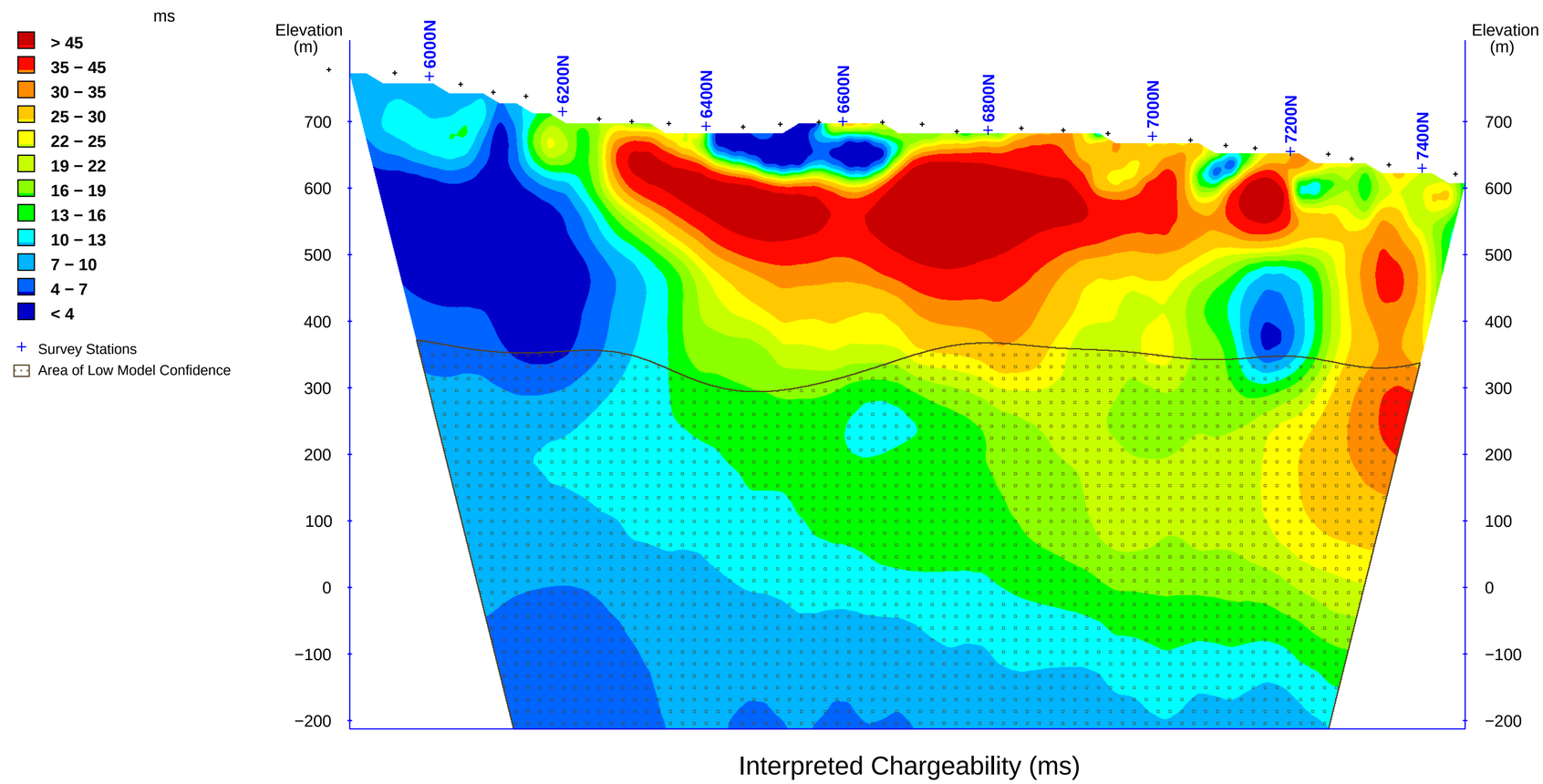


Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012





Frontier Resources Ltd.

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 4465E

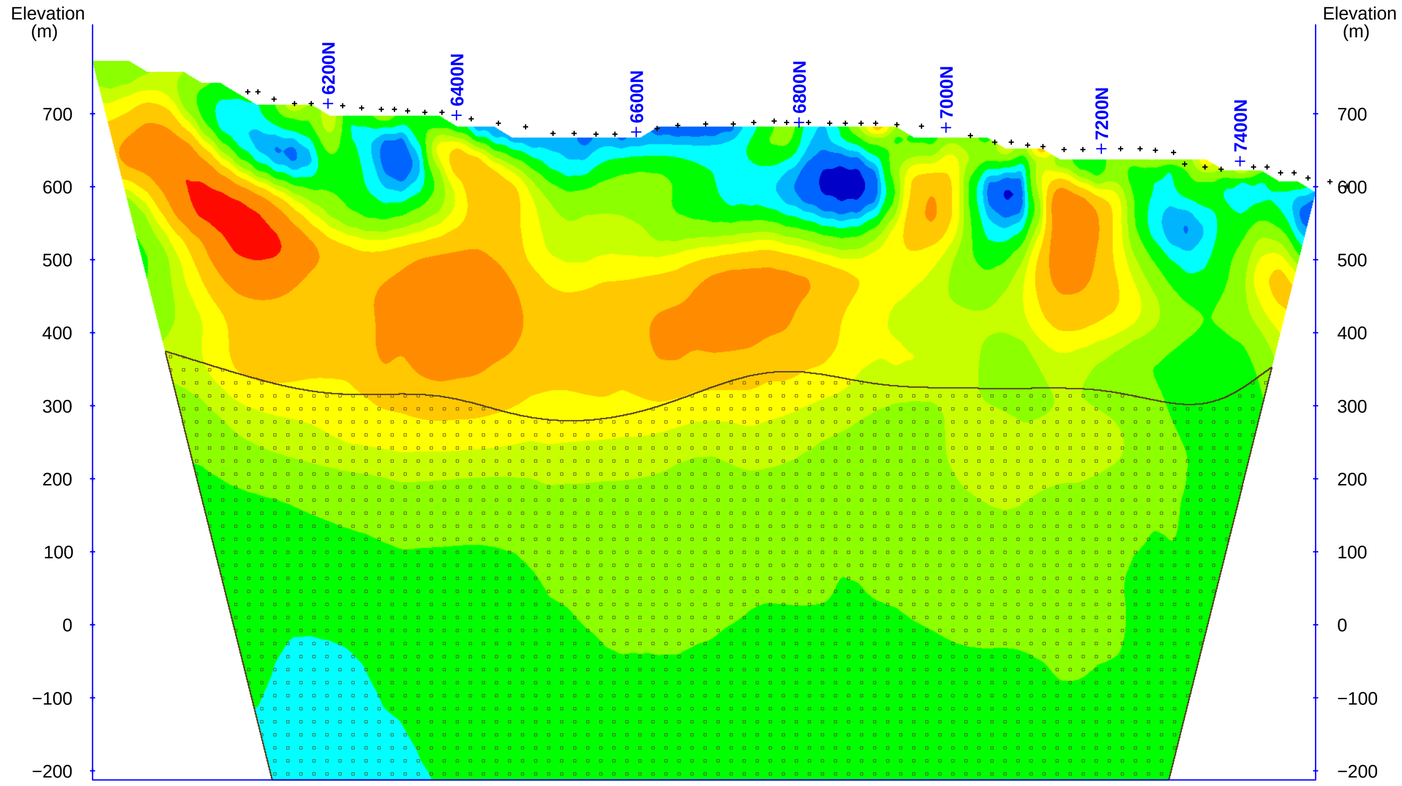
Geophysics Ltd.
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

ohm−m

- > 100000
- 50000 − 100000
- 25000 − 50000
- 15000 − 25000
- 10000 − 15000
- 7000 − 10000
- 4000 − 7000
- 2000 − 4000
- 1000 − 2000
- 500 − 1000
- 100 − 500
- < 100

+ Survey Stations

Area of Low Model Confidence



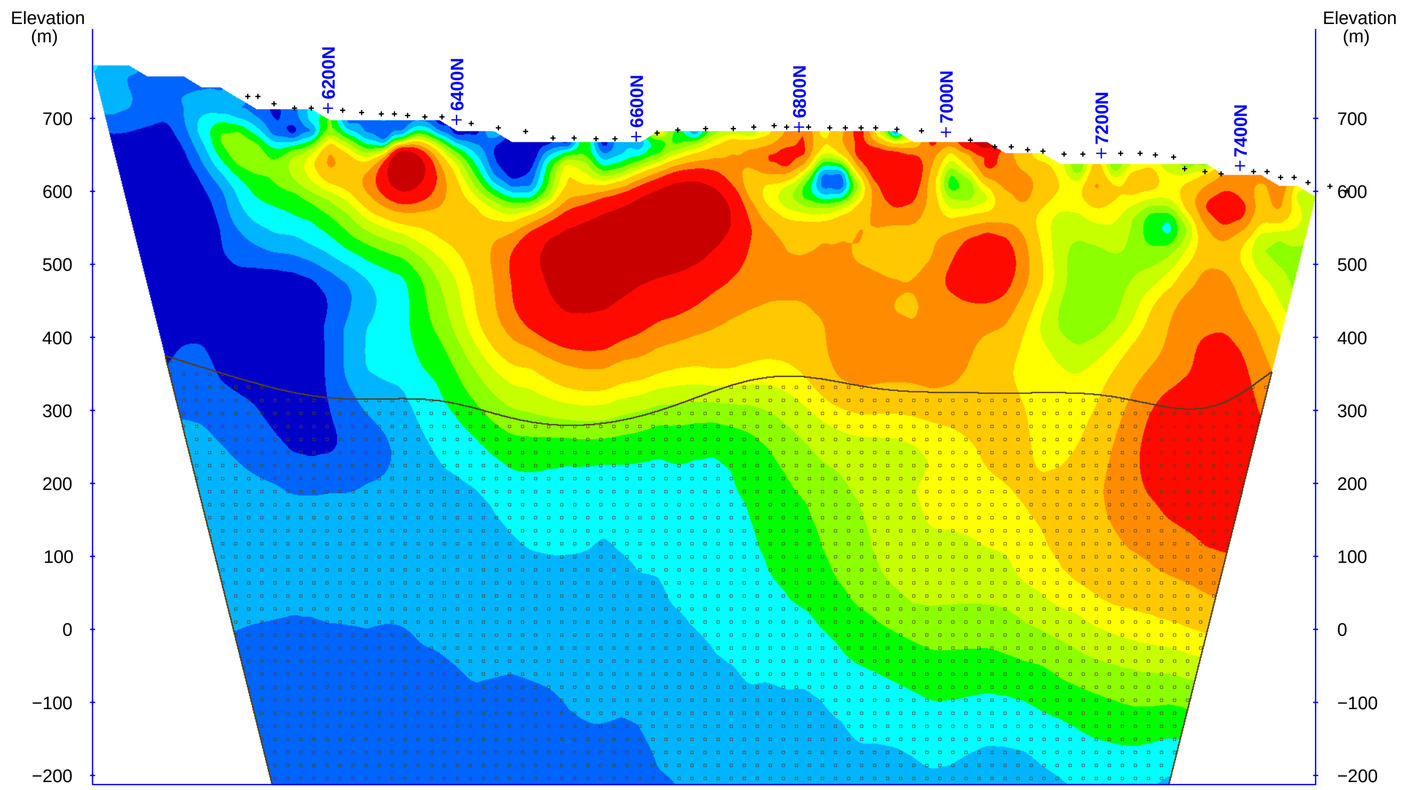
Interpreted Resistivity (ohm−m)

ms

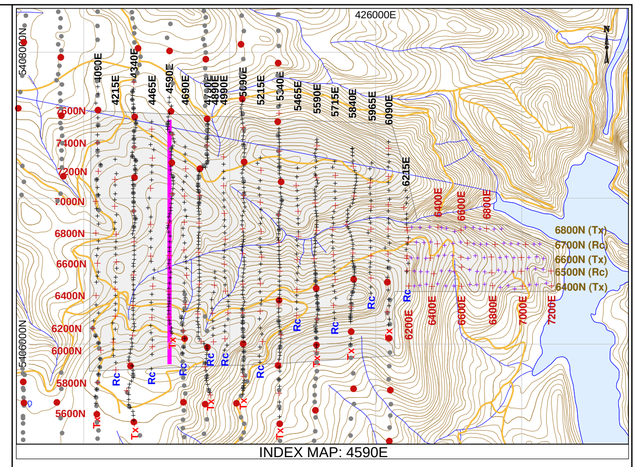
- > 45
- 35 − 45
- 30 − 35
- 25 − 30
- 22 − 25
- 19 − 22
- 16 − 19
- 13 − 16
- 10 − 13
- 7 − 10
- 4 − 7
- < 4

+ Survey Stations

Area of Low Model Confidence



Interpreted Chargeability (ms)



INDEX MAP: 4590E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800

meters

Frontier Resources Ltd.

Moina Project

Narrawa and Extension Grids

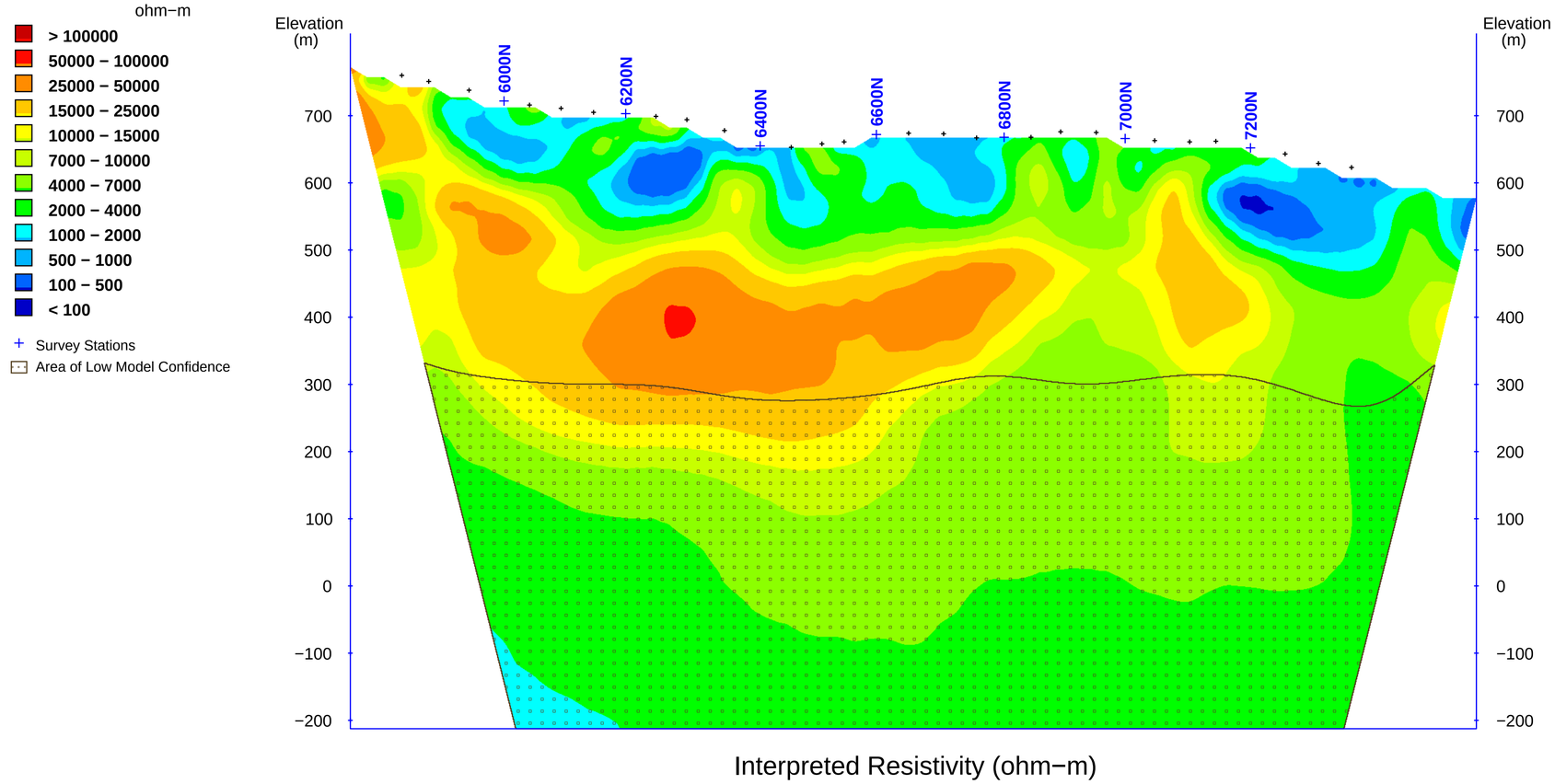
Moina, Tasmania, Australia

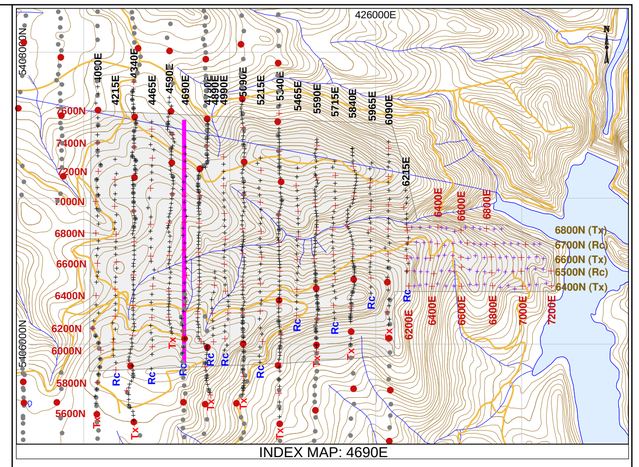
3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 4590E

SJ Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

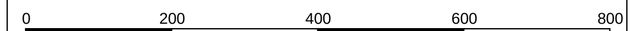


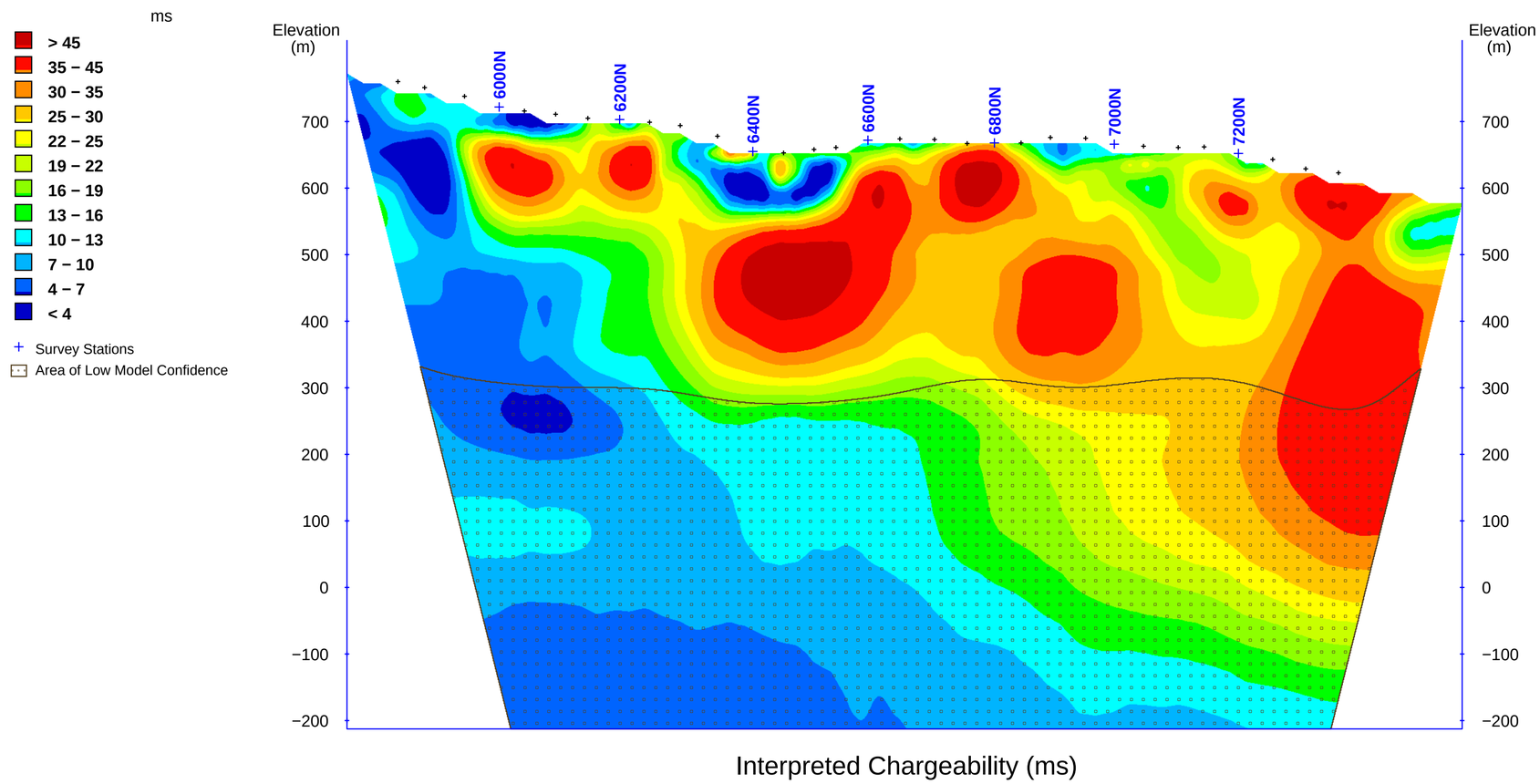


Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012





Frontier Resources Ltd.

Moina Project

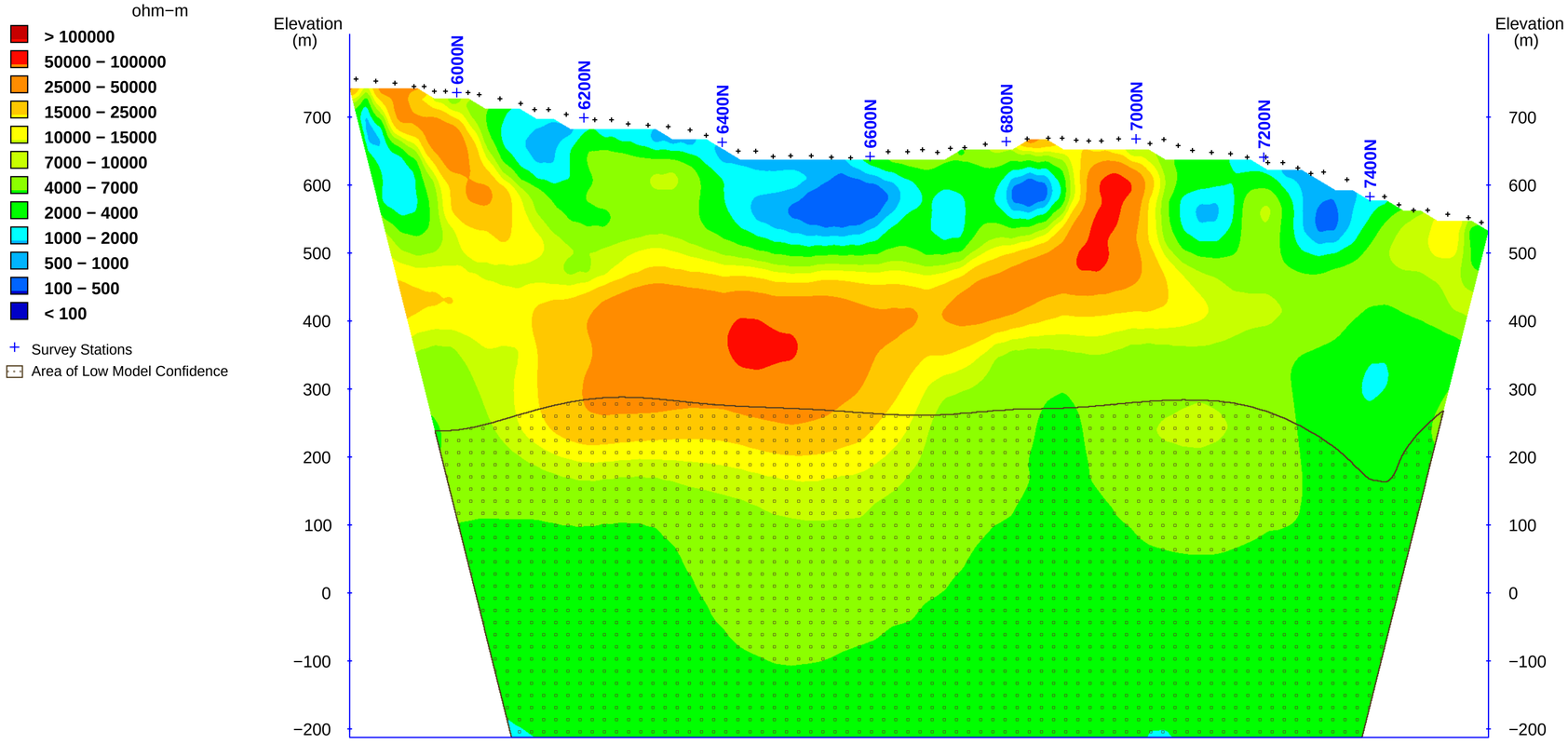
Narrawa and Extension Grids

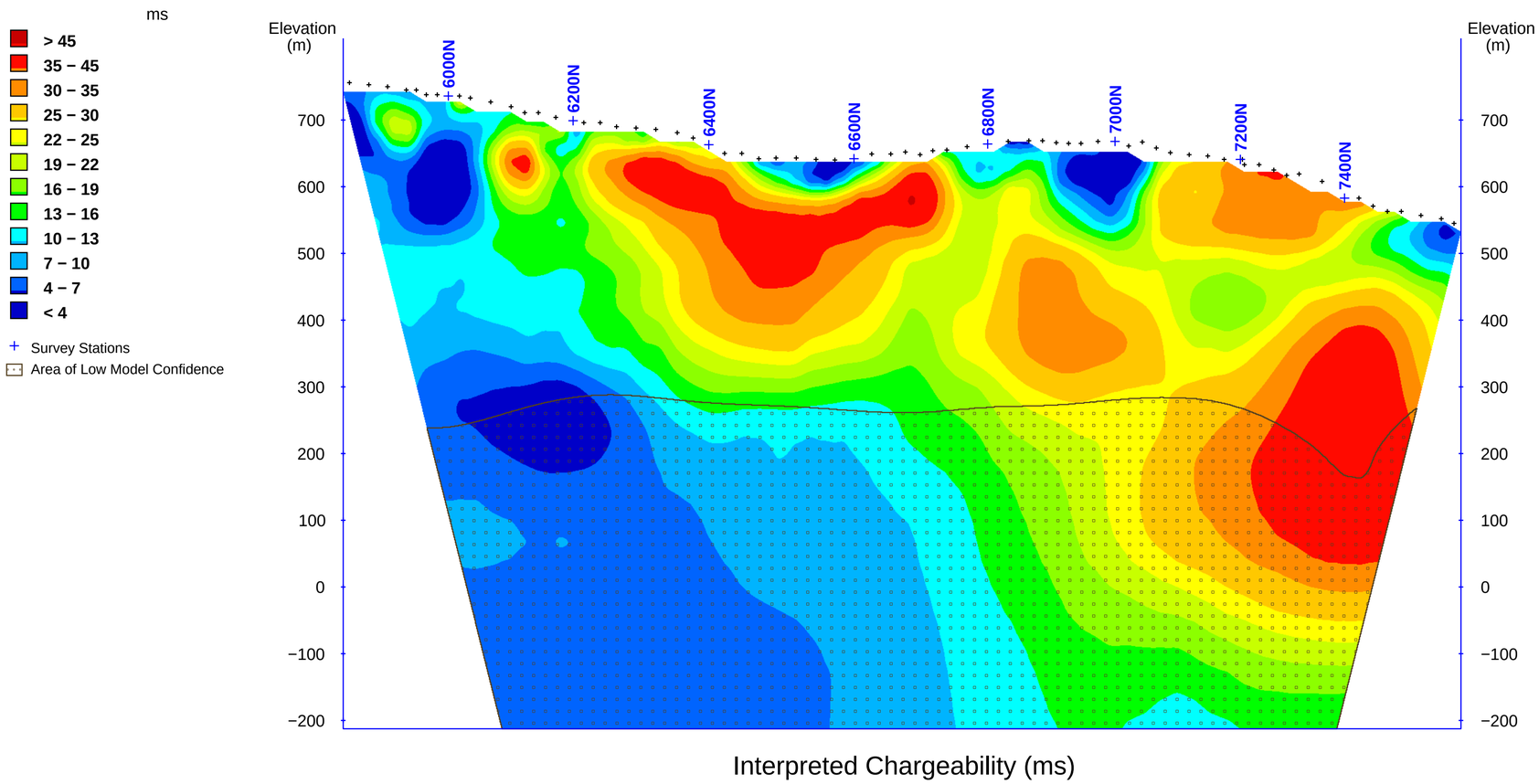
Moina, Tasmania, Australia

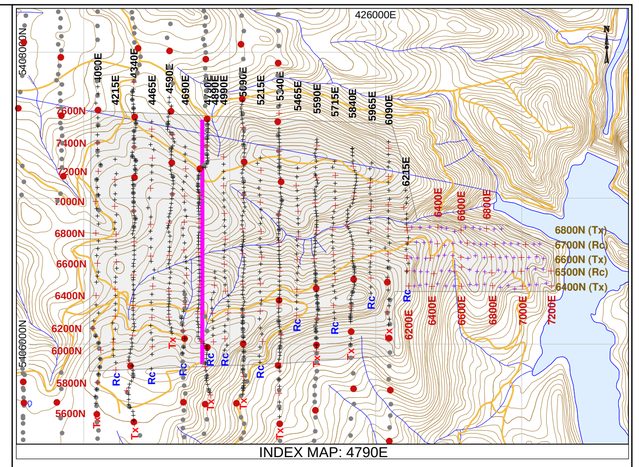
3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 4690E

Geophysics Ltd.
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com







Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

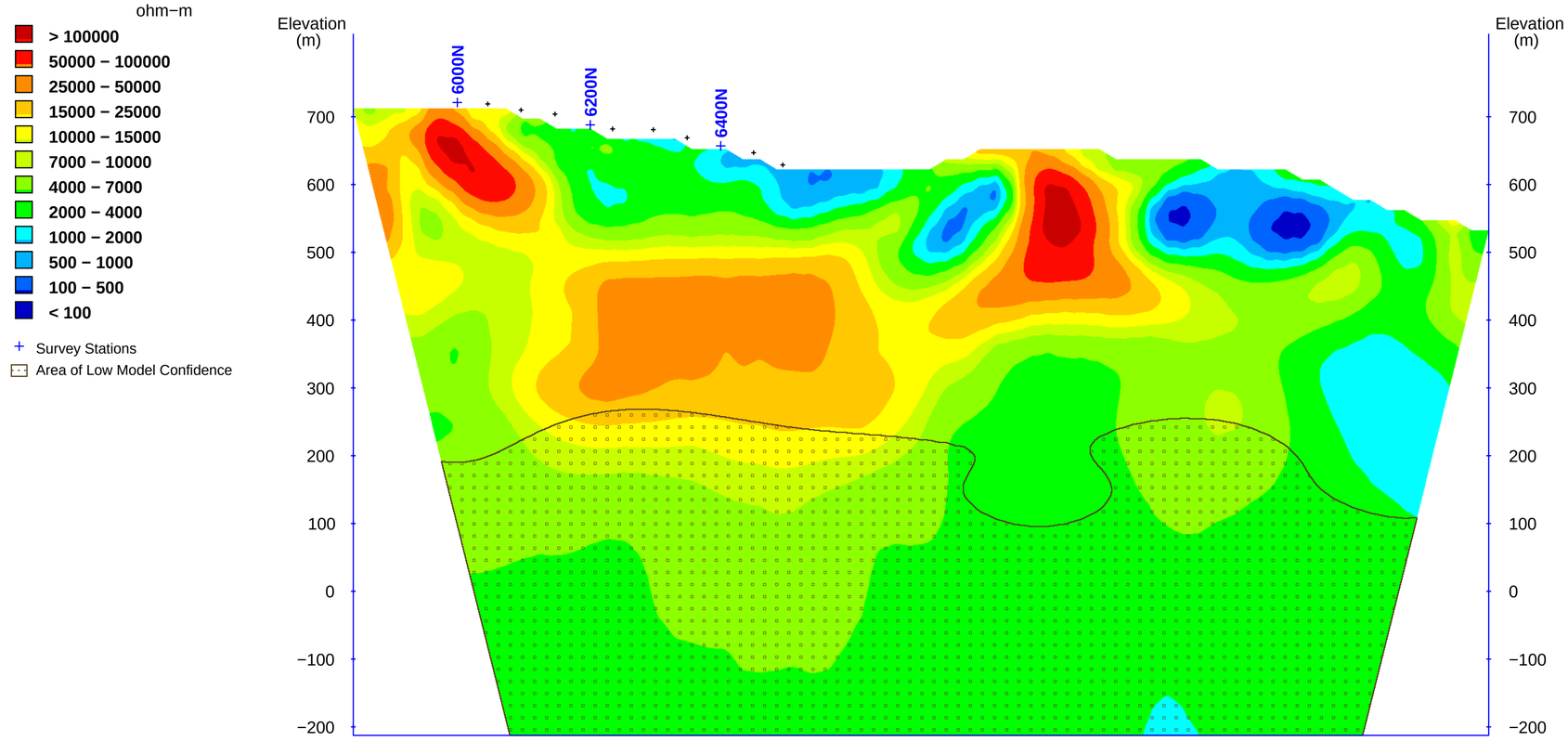
Moina Project

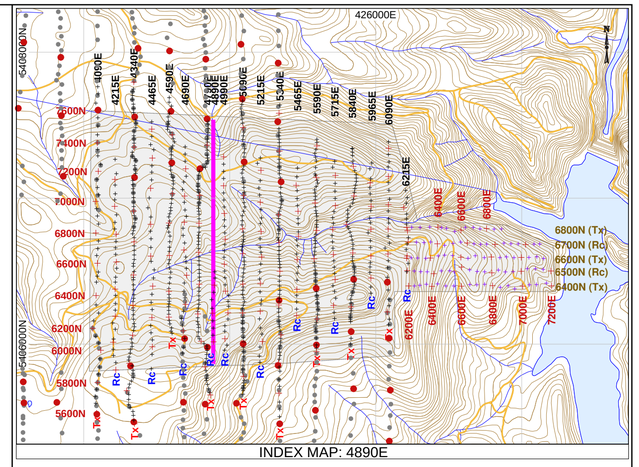
Narrawa and Extension Grids

Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 4790E

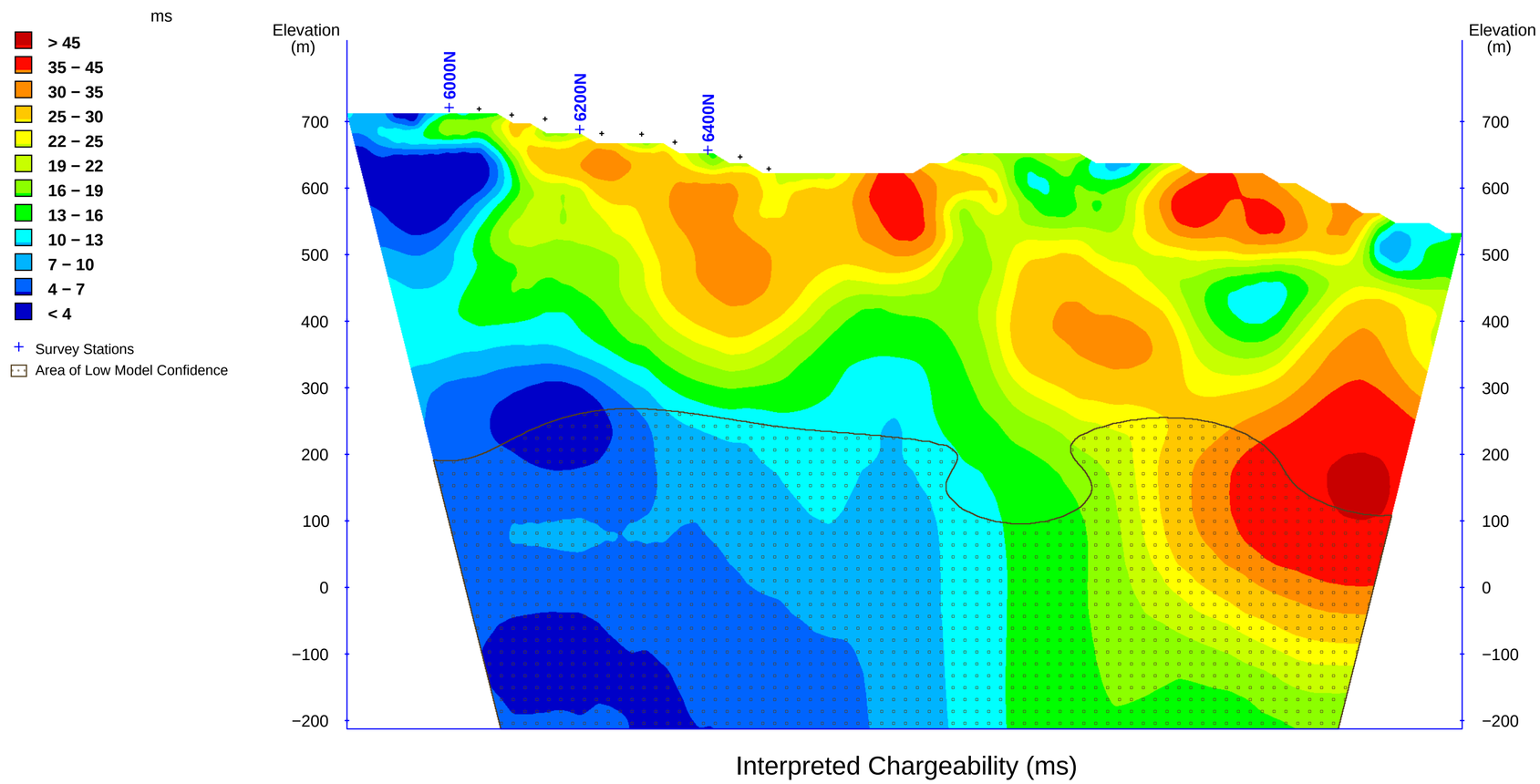




Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012



Frontier Resources Ltd.

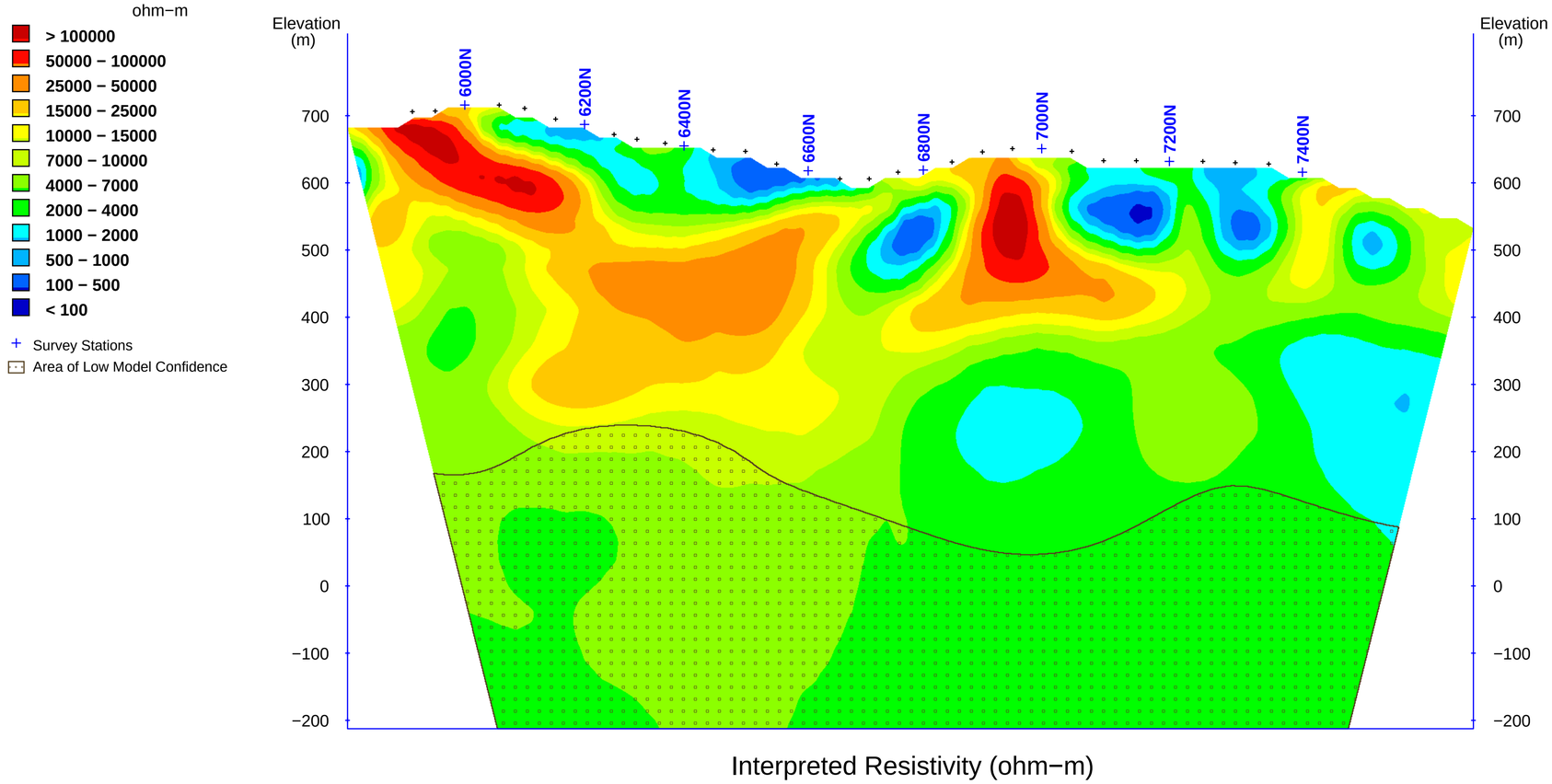
Moina Project

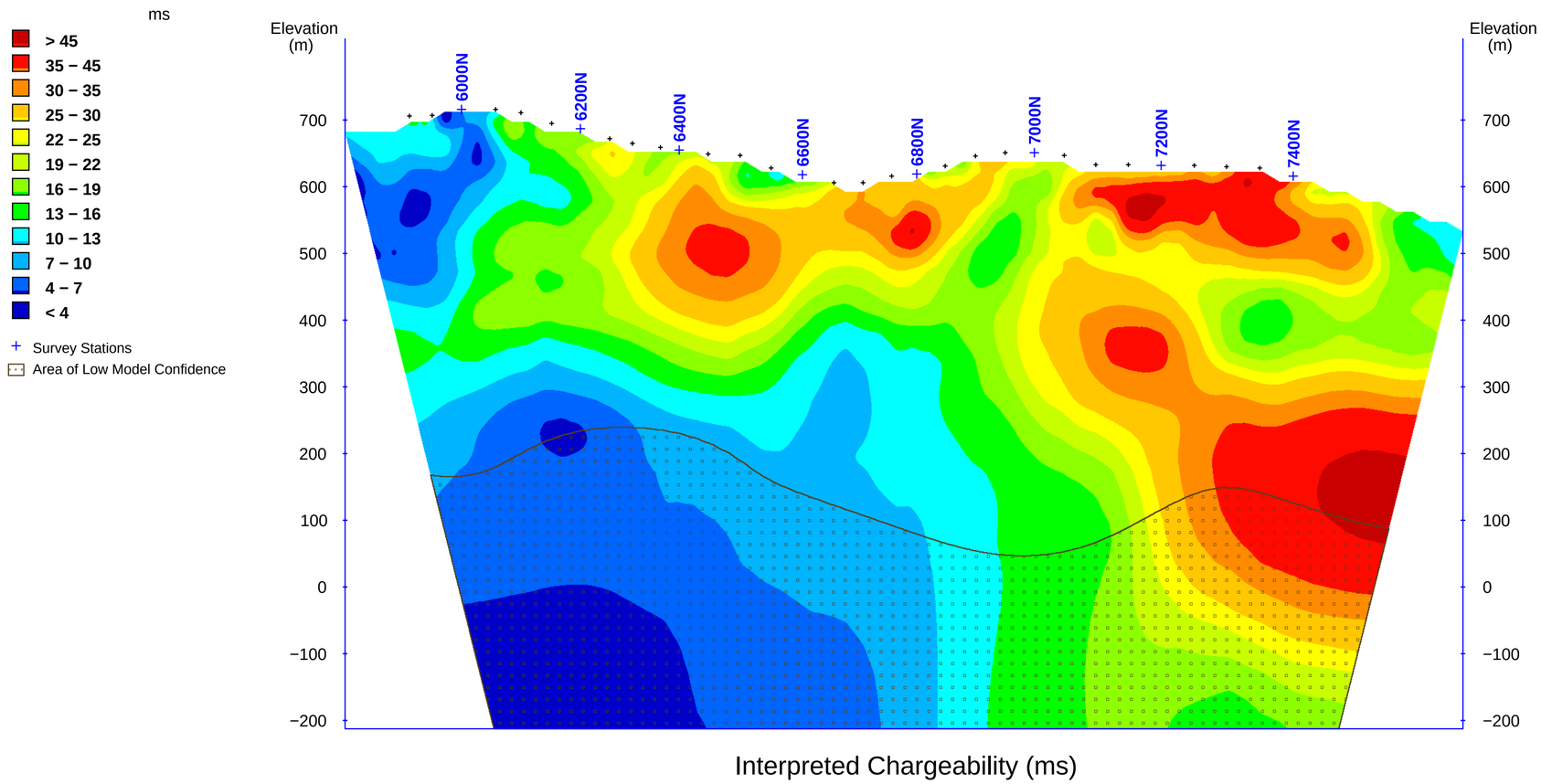
Narrawa and Extension Grids

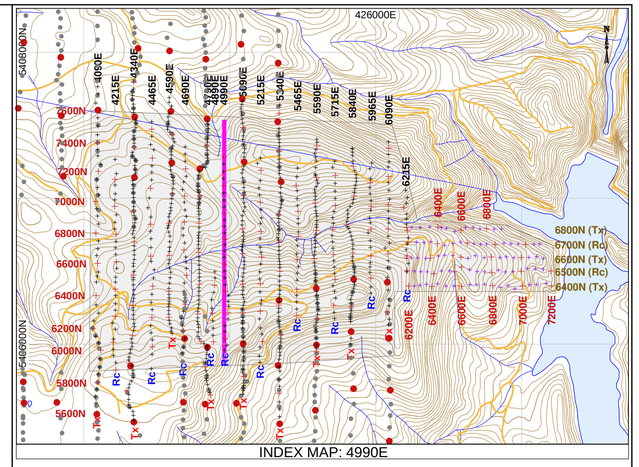
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 4890E







Project Information:
Survey by: SJ Geophysics Ltd.
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Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

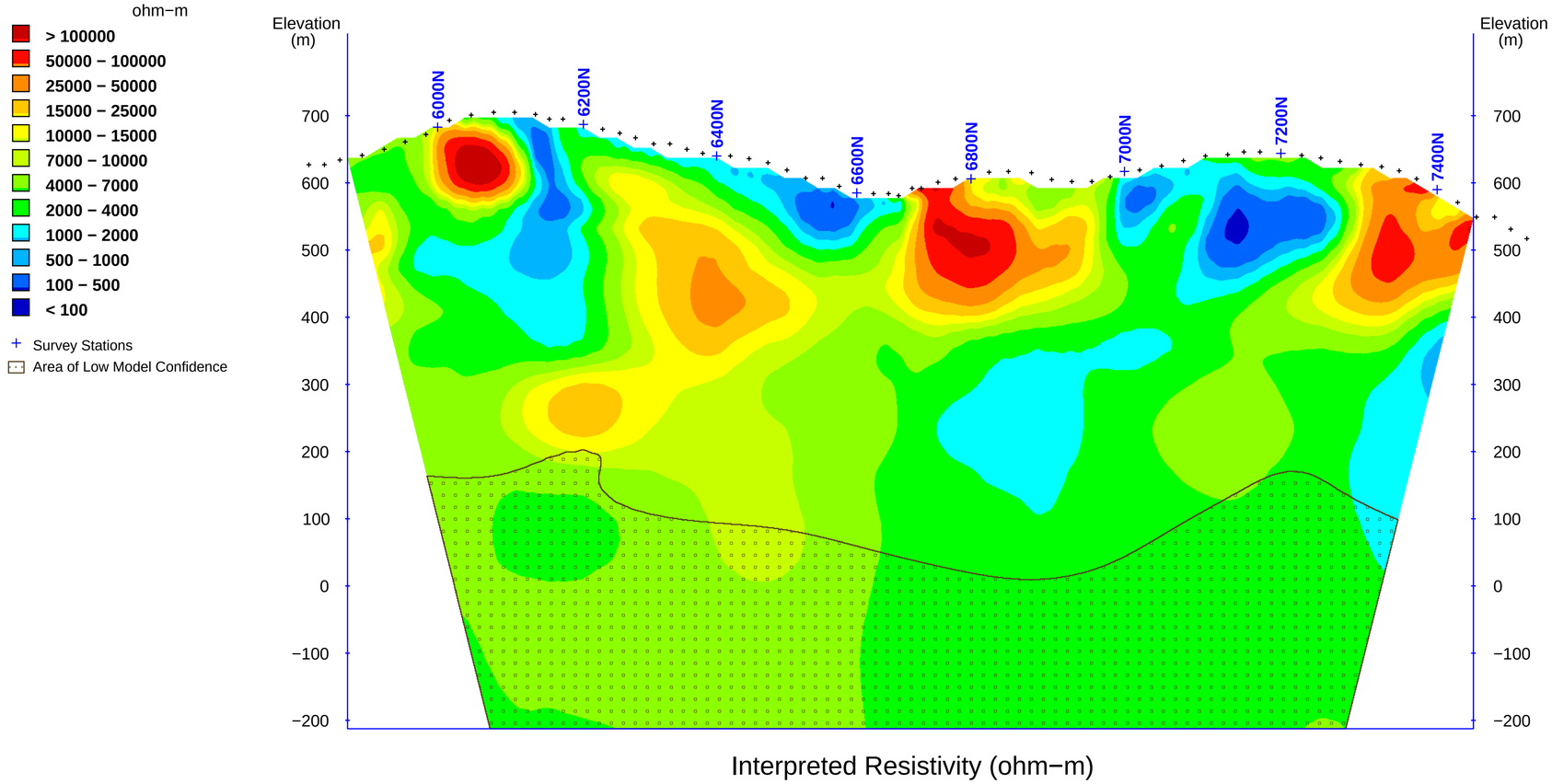
Moina Project

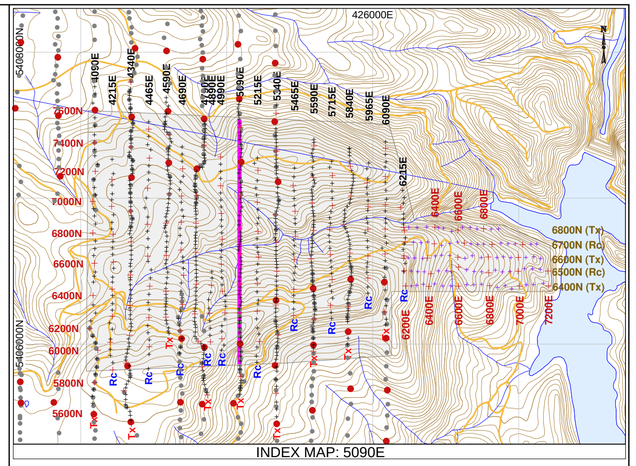
Narrawa and Extension Grids

Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 4990E

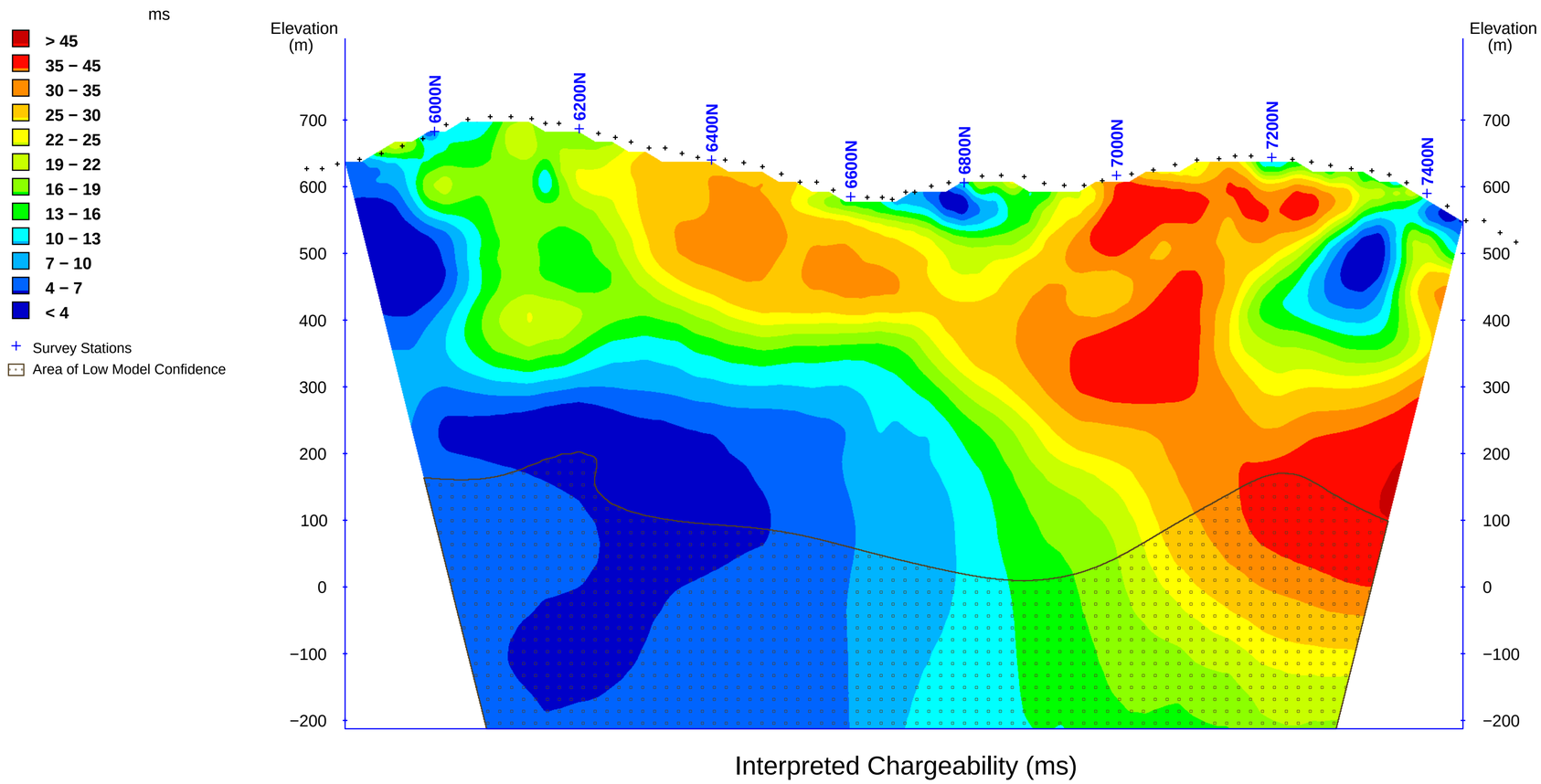




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Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012



Frontier Resources Ltd.

Moina Project

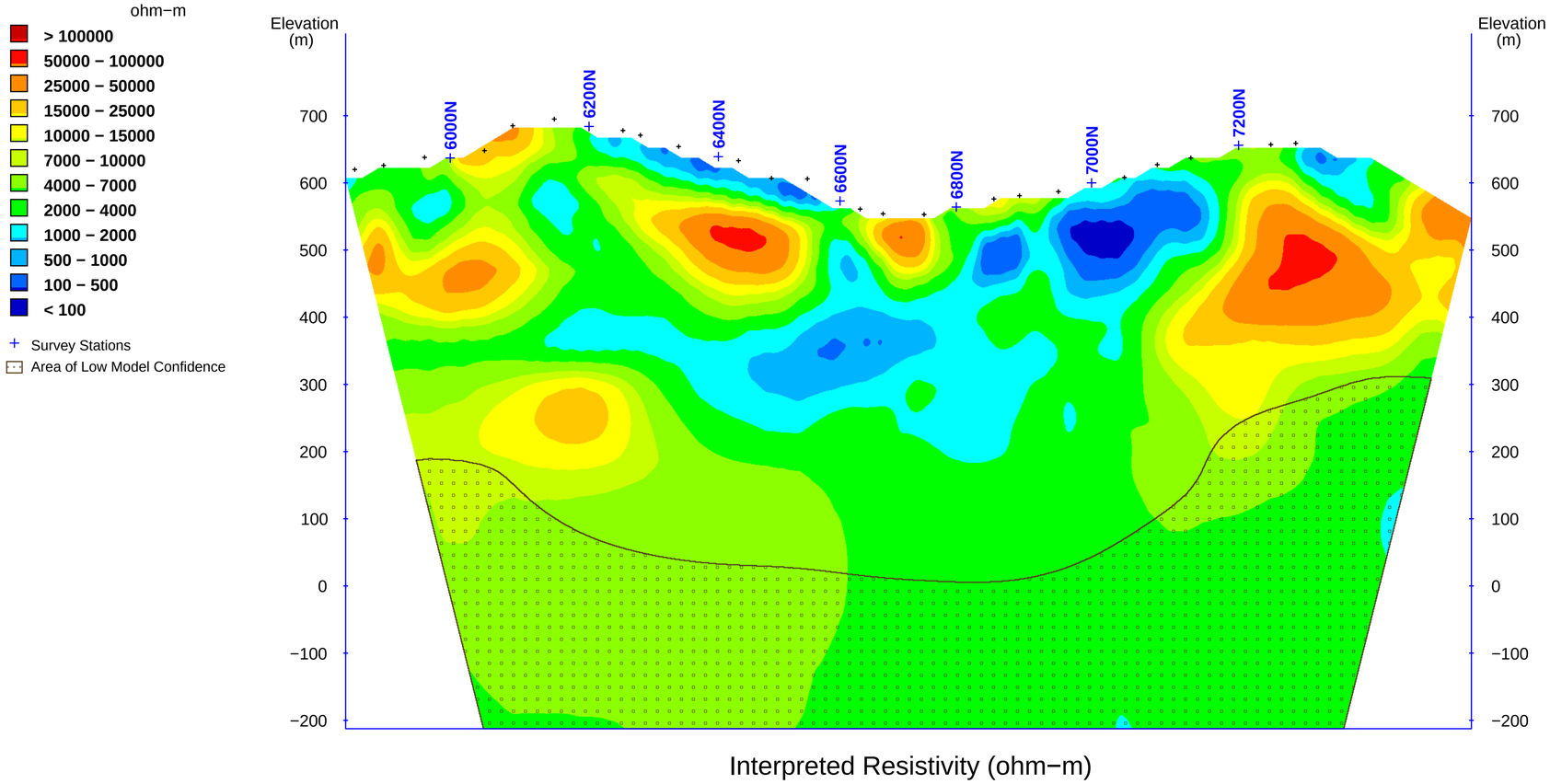
Narrawa and Extension Grids

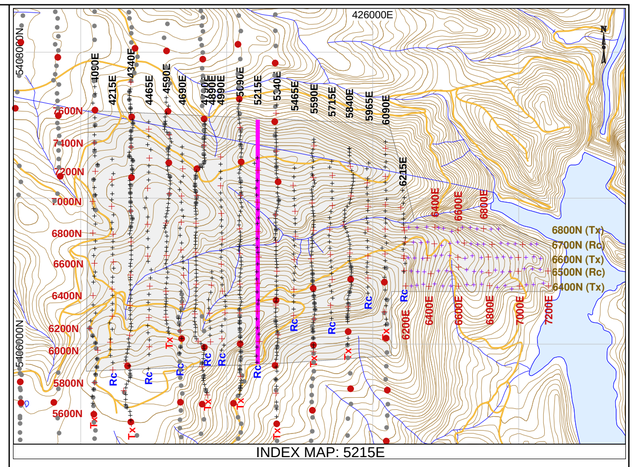
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 5090E

SJ Geophysics Ltd.
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



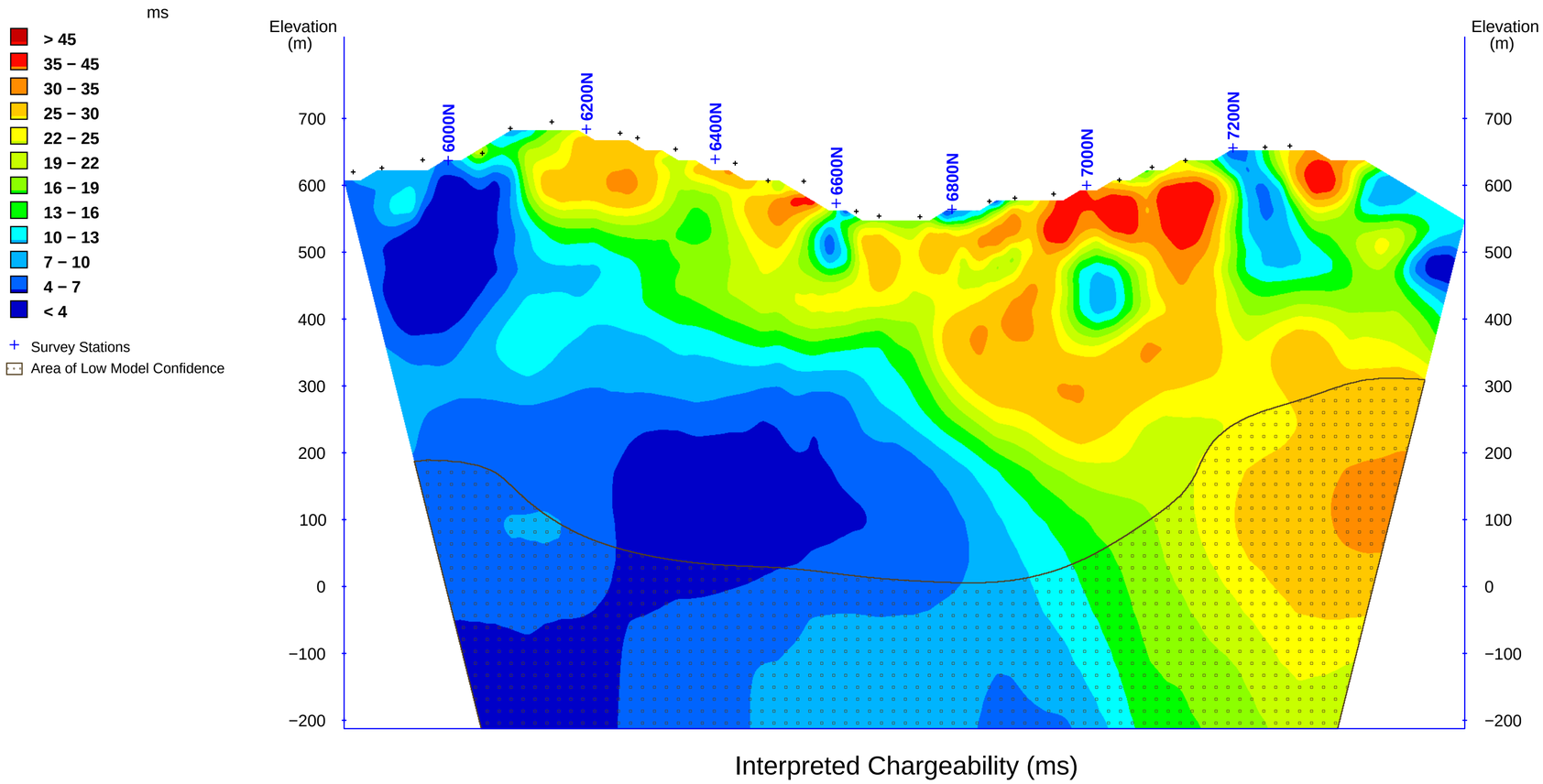


Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800
meters



Frontier Resources Ltd.

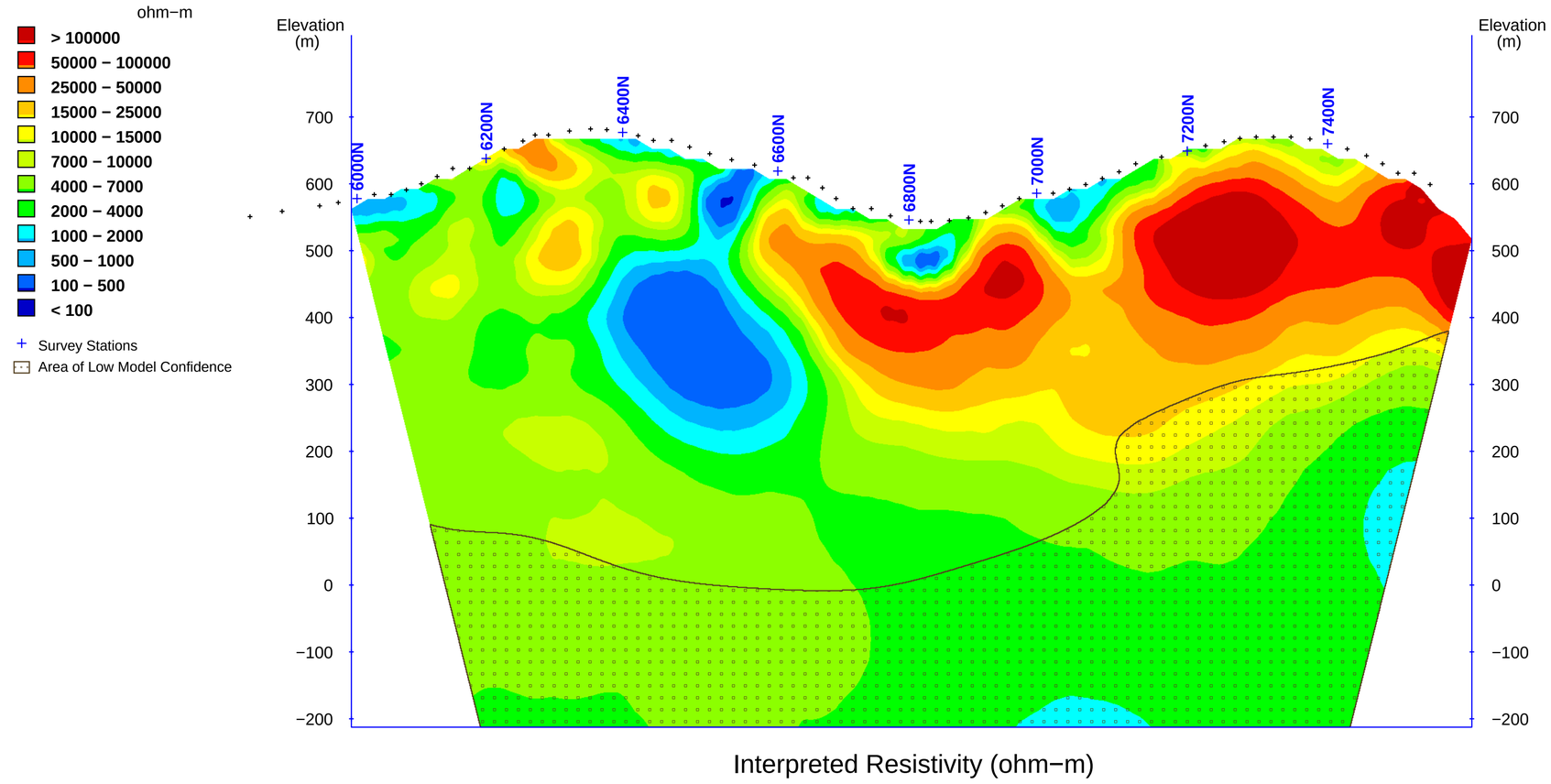
Moina Project

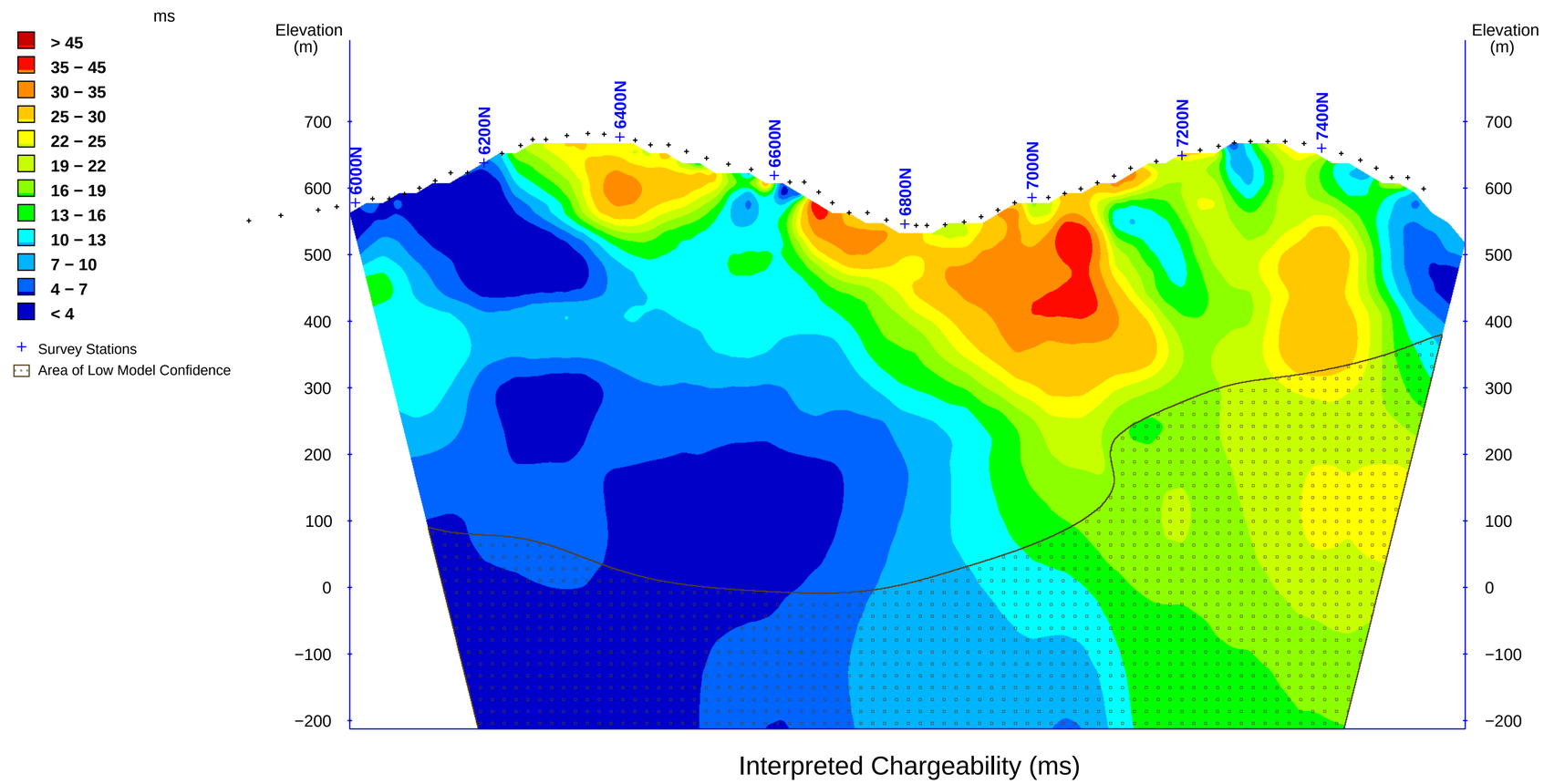
Narrawa and Extension Grids

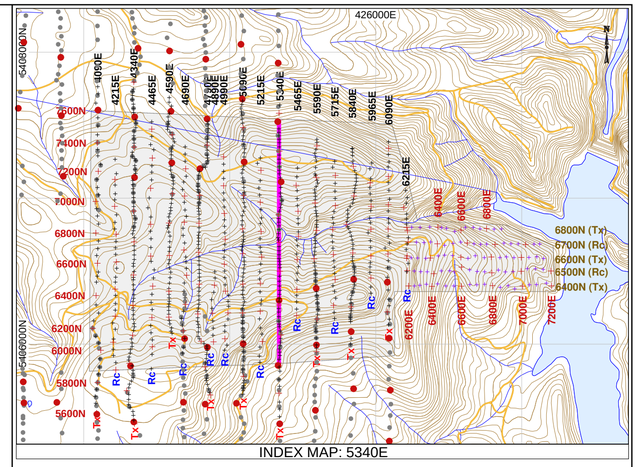
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 5215E







Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

Moina Project

Narrawa and Extension Grids

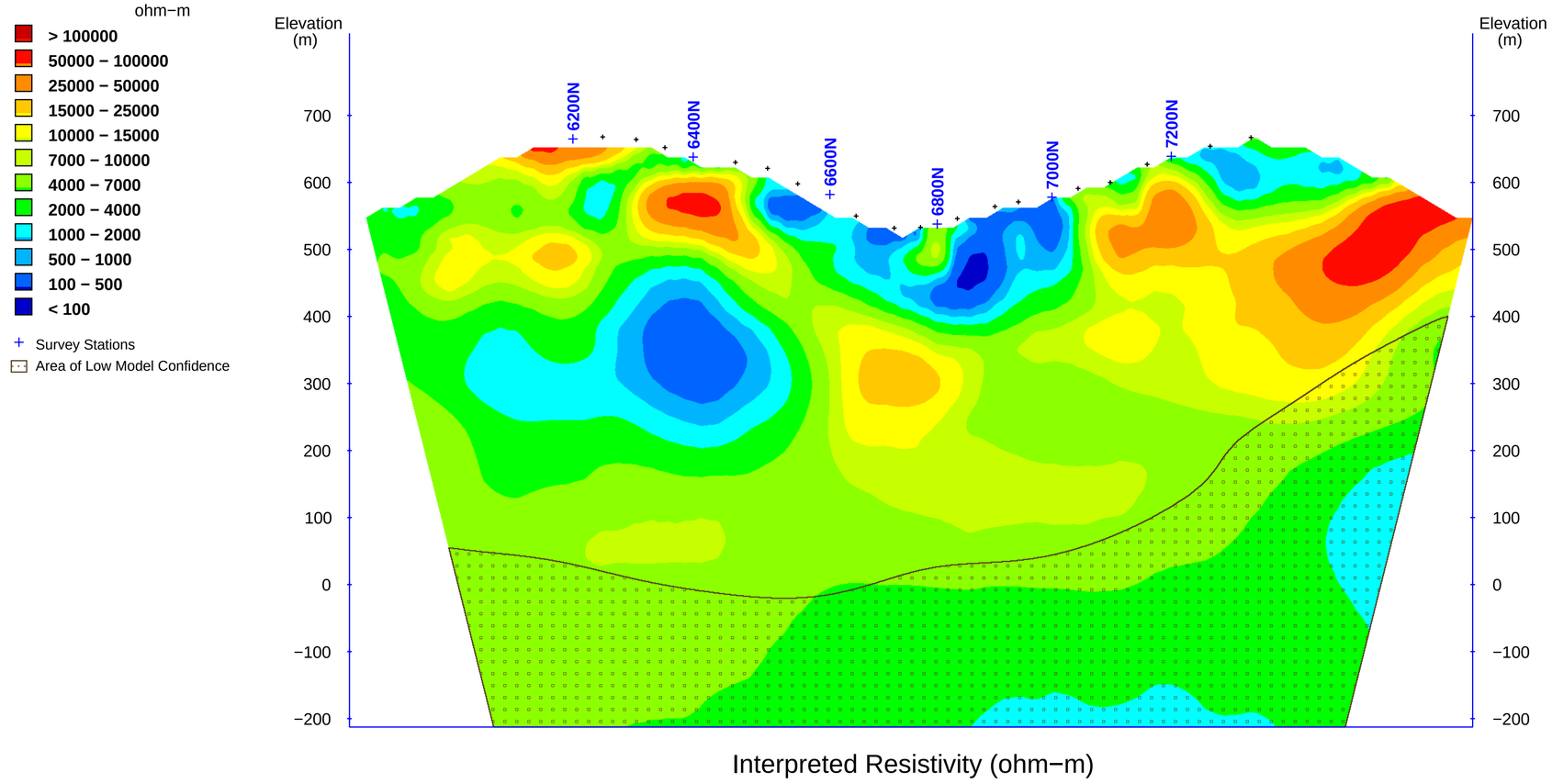
Moina, Tasmania, Australia

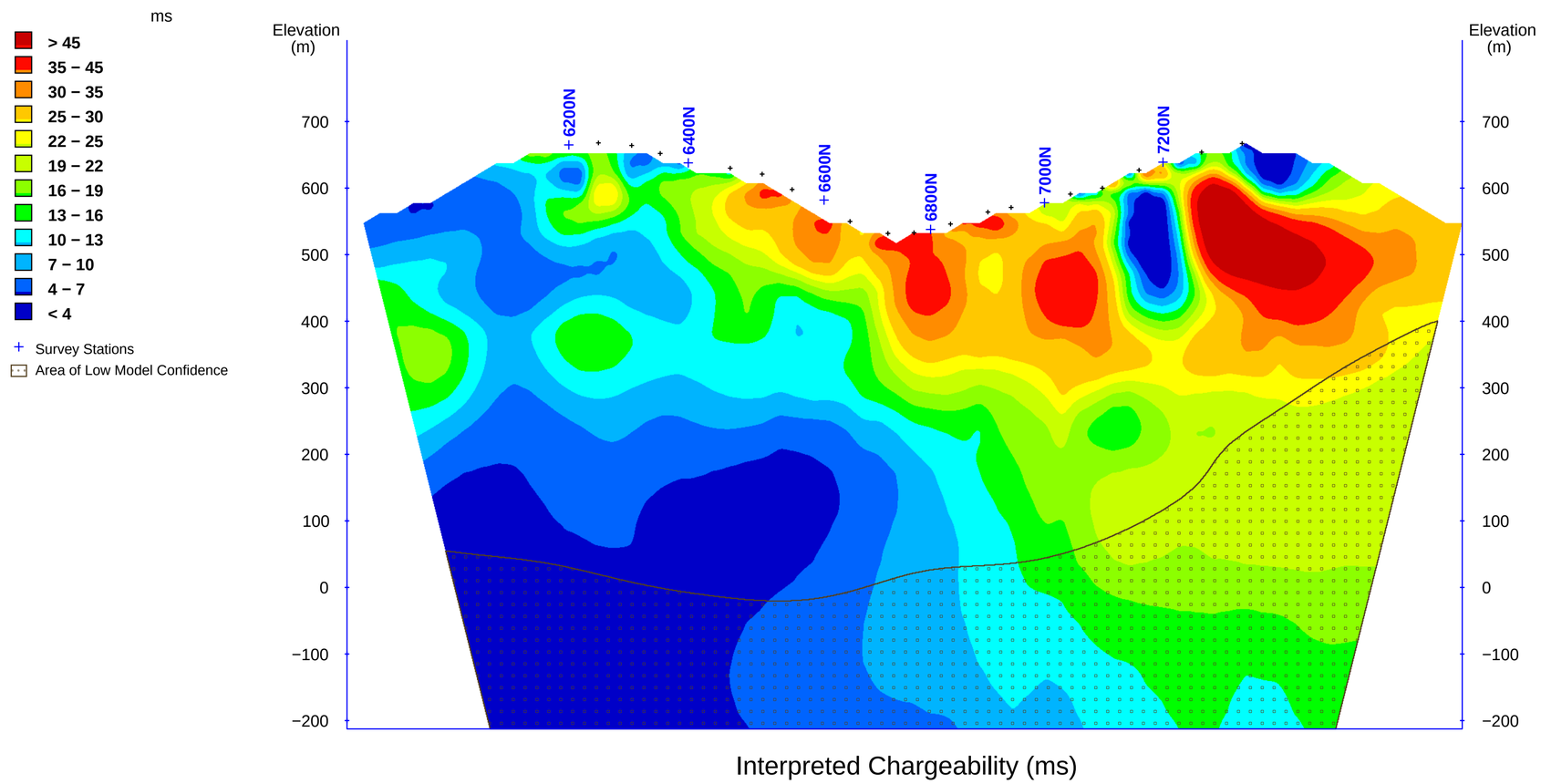
3D Inversion Model of Interpreted Resistivity & Chargeability

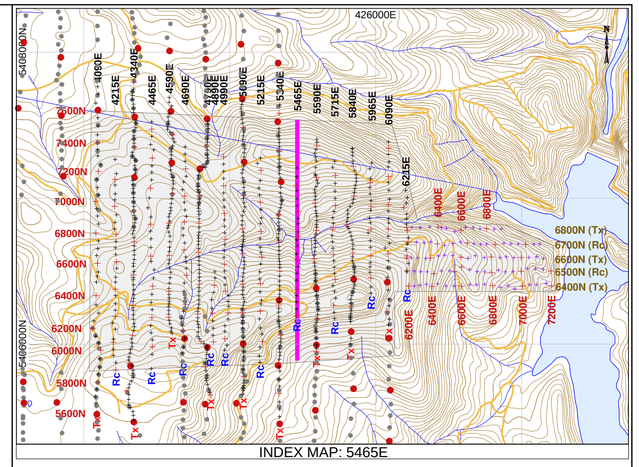
Cross Section Map
Section: 5340E

SJ Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com







Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

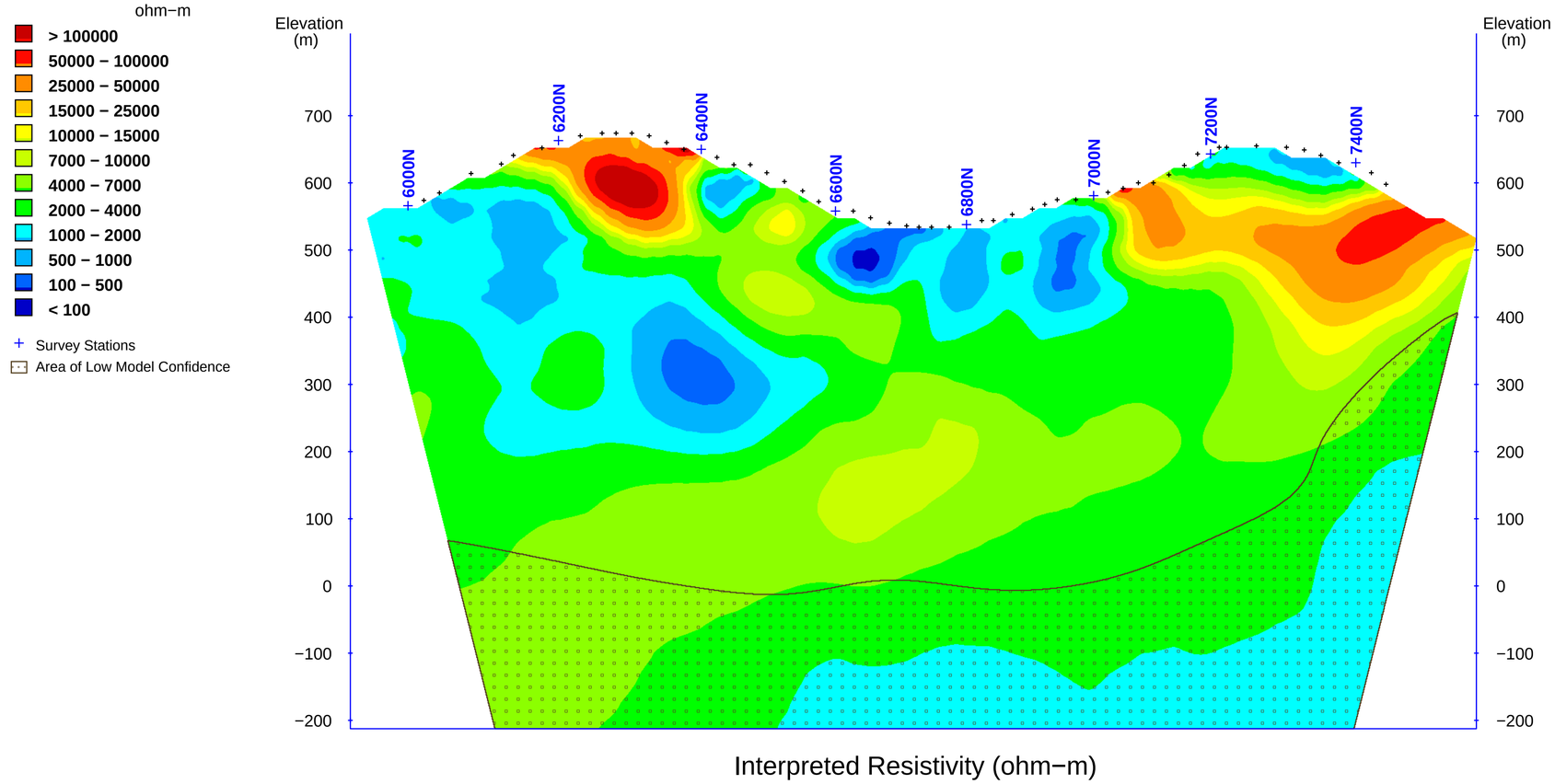
Moina Project

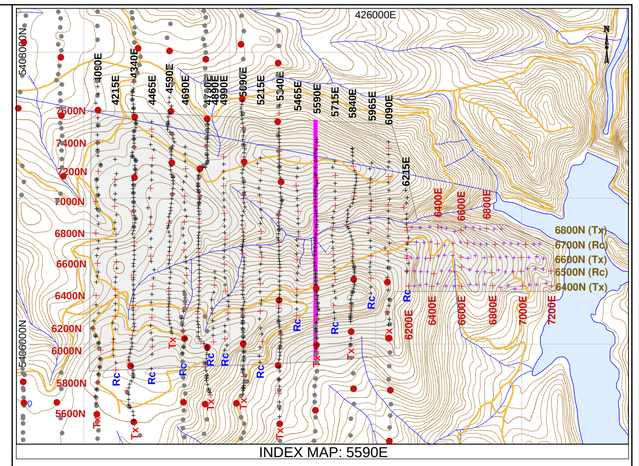
Narrawa and Extension Grids

Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 5465E



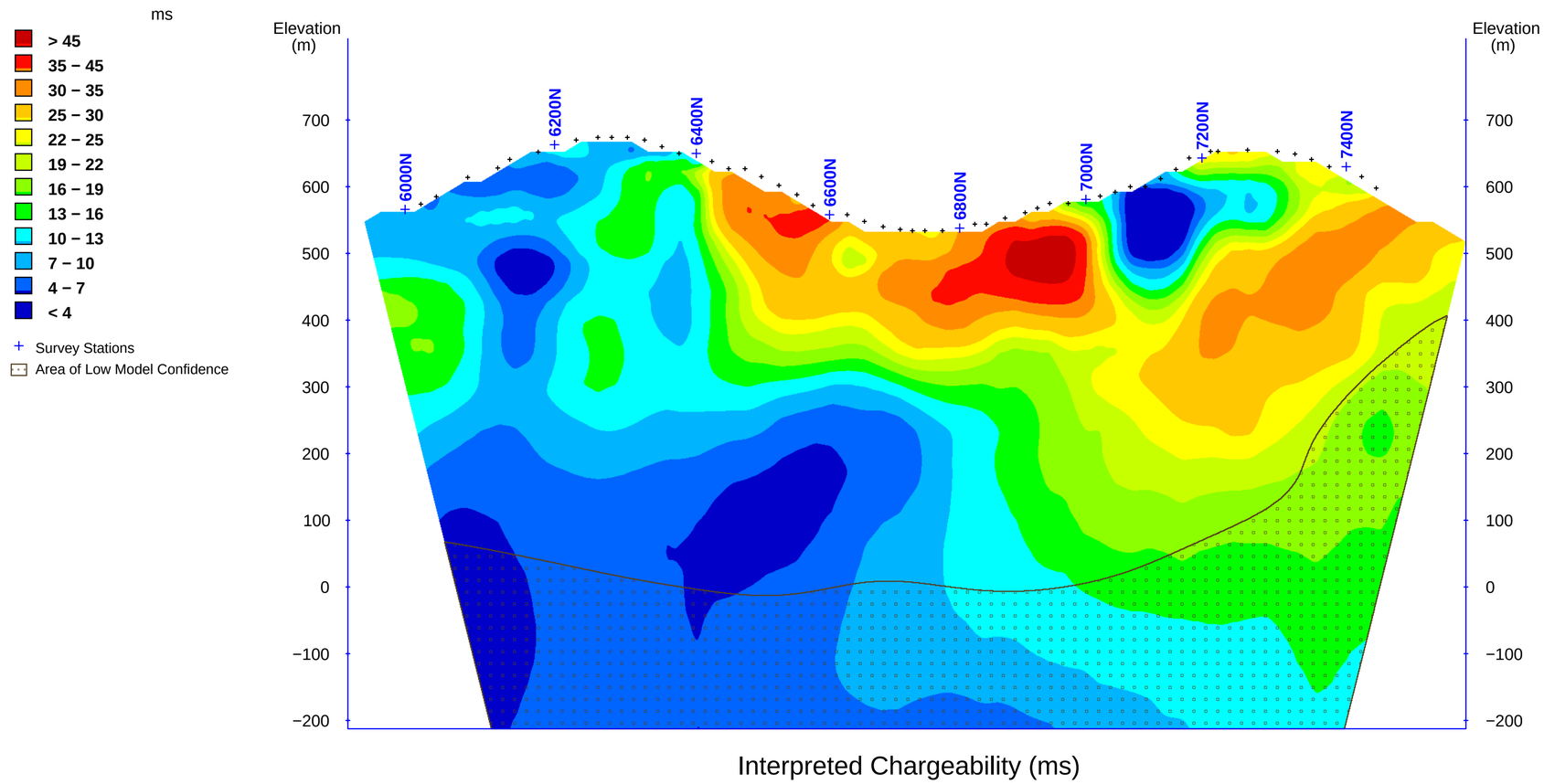


Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800
meters



Frontier Resources Ltd.

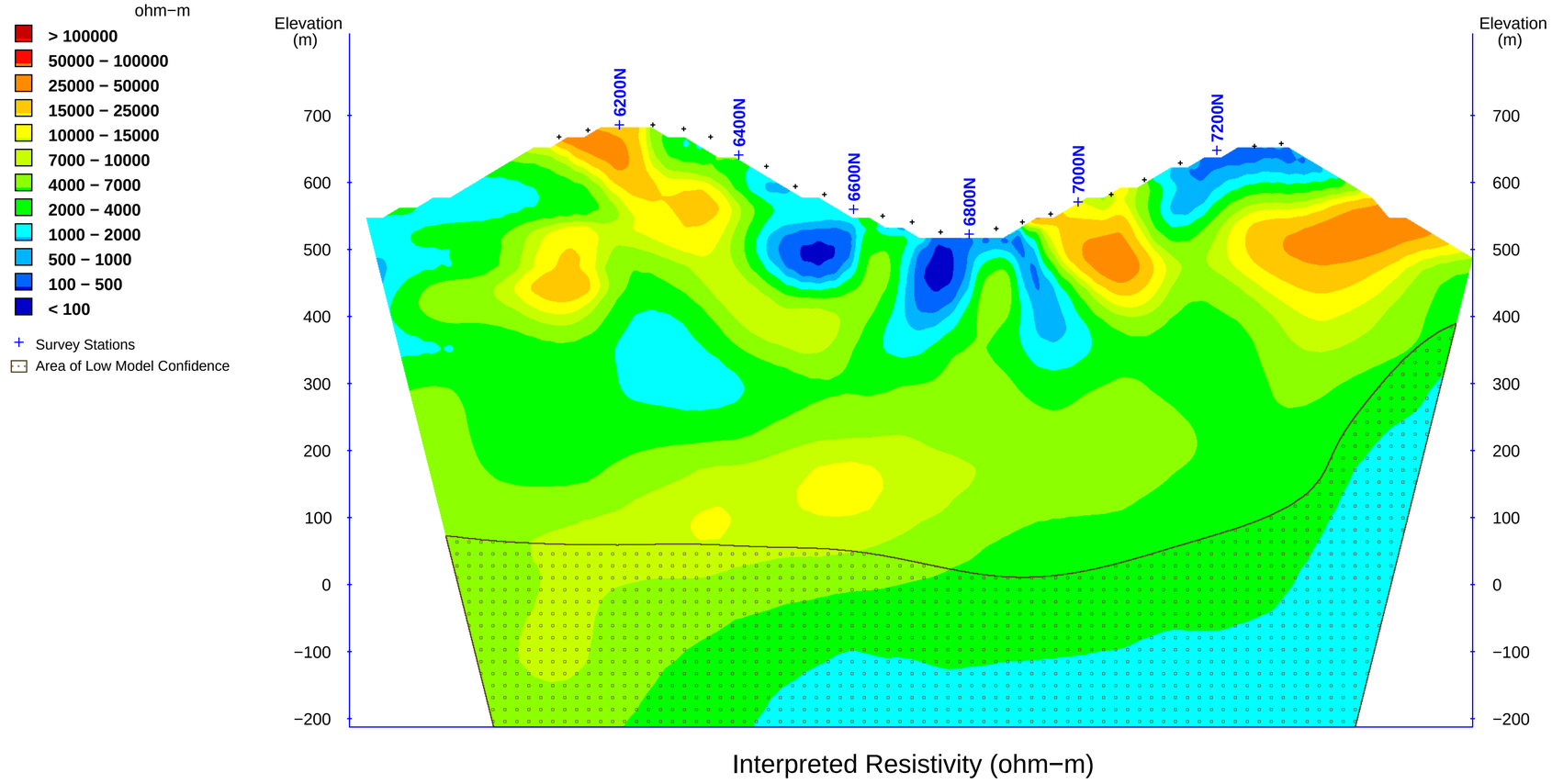
Moina Project

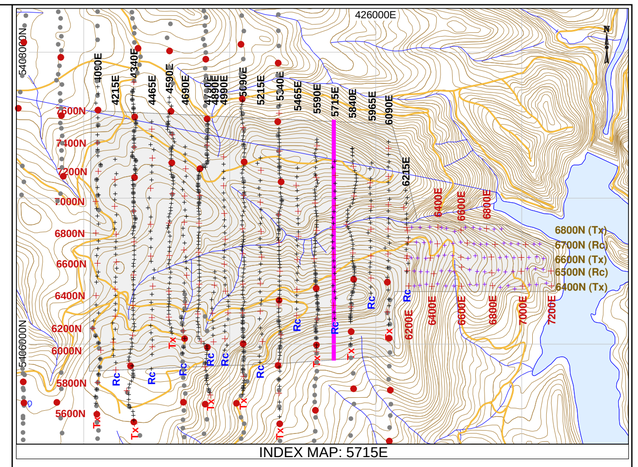
Narrawa and Extension Grids

Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 5590E



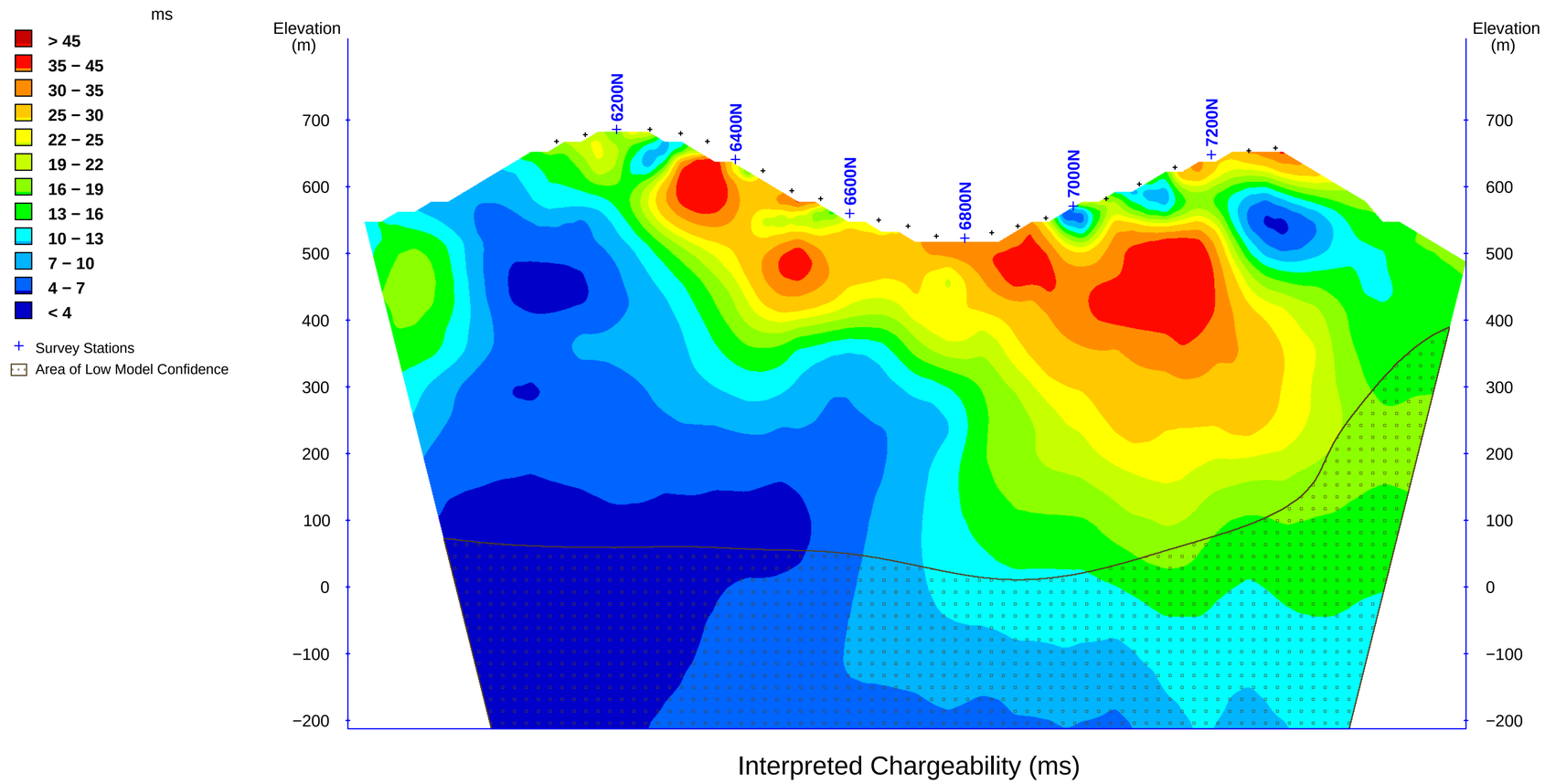


Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800
meters



Frontier Resources Ltd.

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 5715E

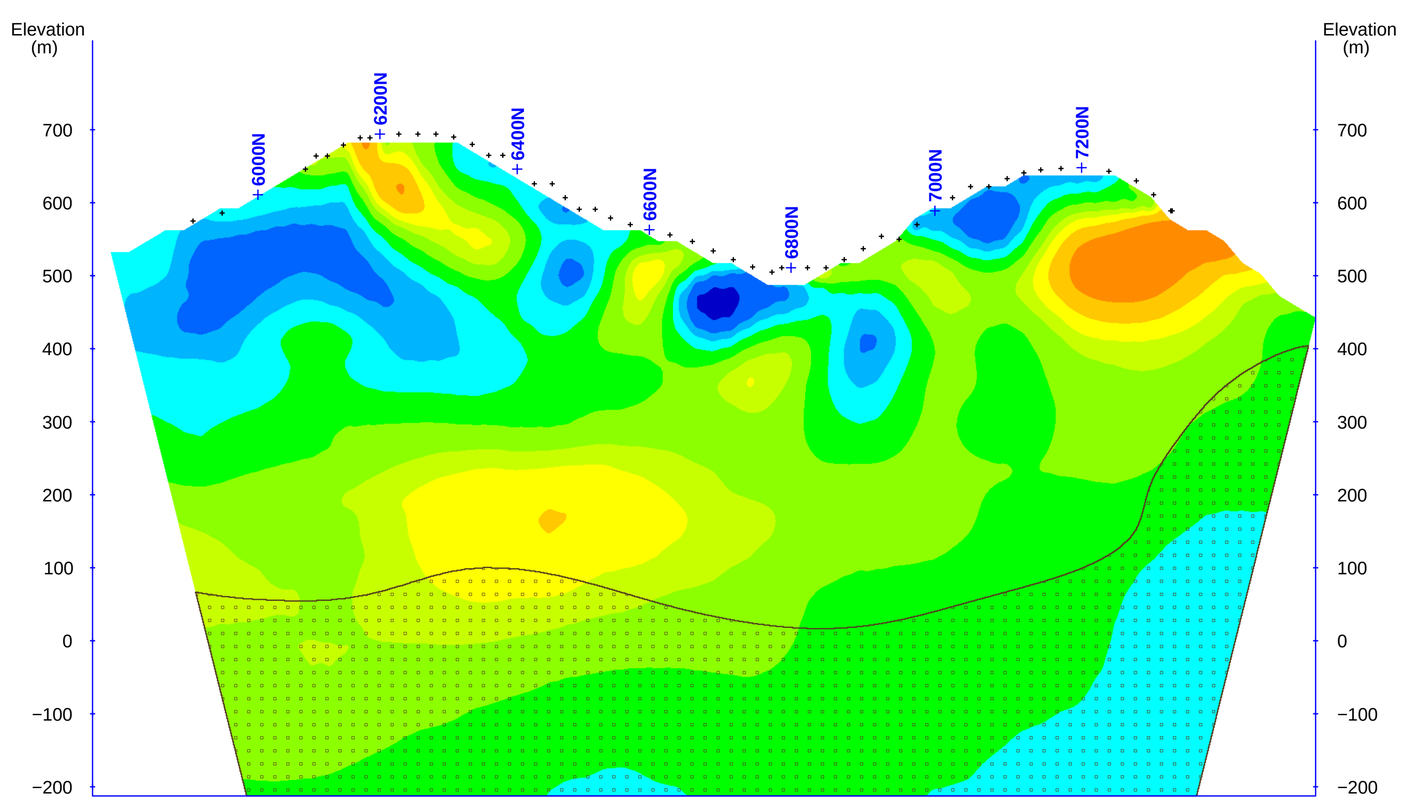
SJ Geophysics Ltd.
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

ohm−m

- > 100000
- 50000 − 100000
- 25000 − 50000
- 15000 − 25000
- 10000 − 15000
- 7000 − 10000
- 4000 − 7000
- 2000 − 4000
- 1000 − 2000
- 500 − 1000
- 100 − 500
- < 100

\+ Survey Stations

Area of Low Model Confidence



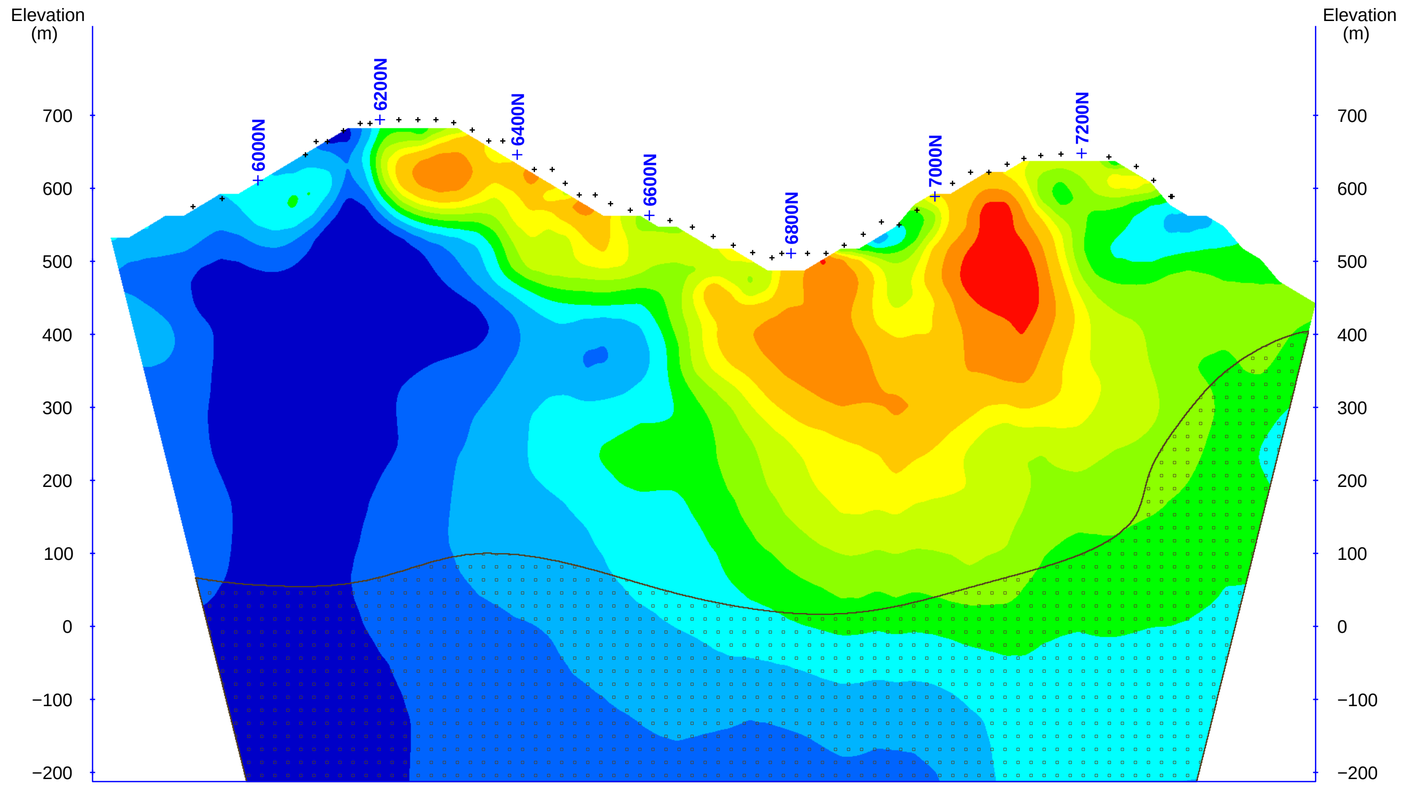
Interpreted Resistivity (ohm−m)

ms

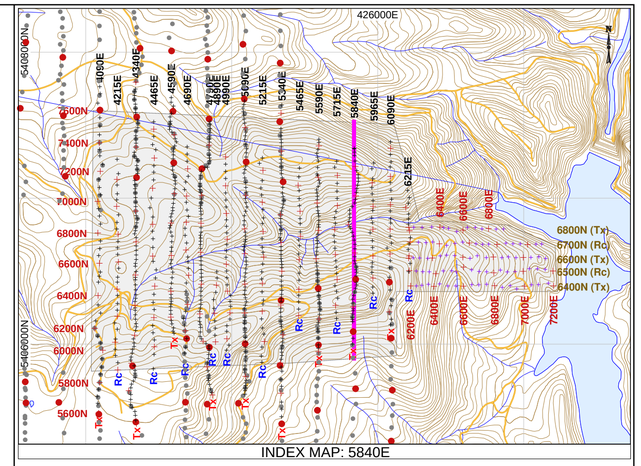
- > 45
- 35 − 45
- 30 − 35
- 25 − 30
- 22 − 25
- 19 − 22
- 16 − 19
- 13 − 16
- 10 − 13
- 7 − 10
- 4 − 7
- < 4

\+ Survey Stations

Area of Low Model Confidence



Interpreted Chargeability (ms)



INDEX MAP: 5840E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800

meters

Frontier Resources Ltd.

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia

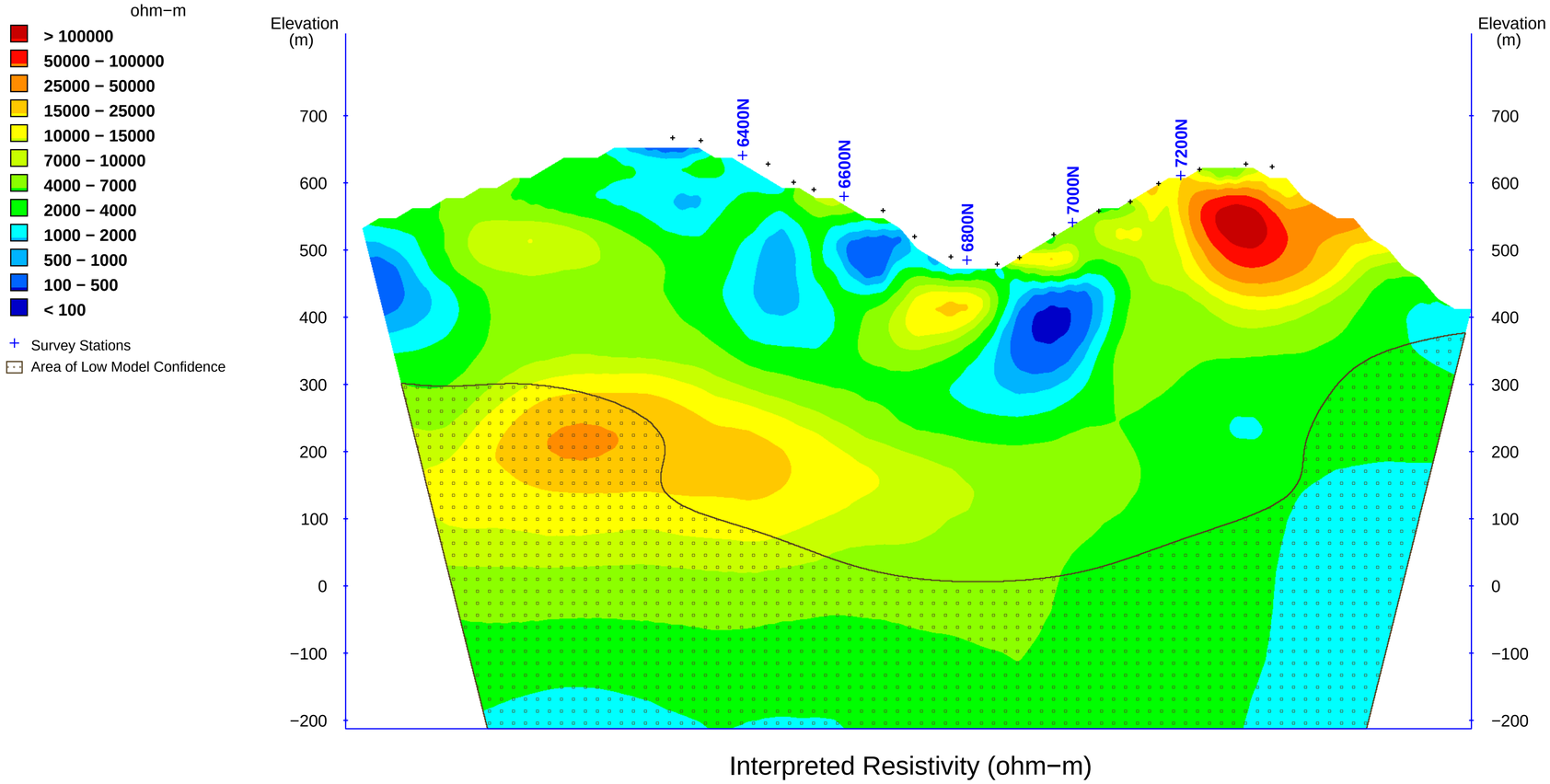
3D Inversion Model of Interpreted Resistivity & Chargeability

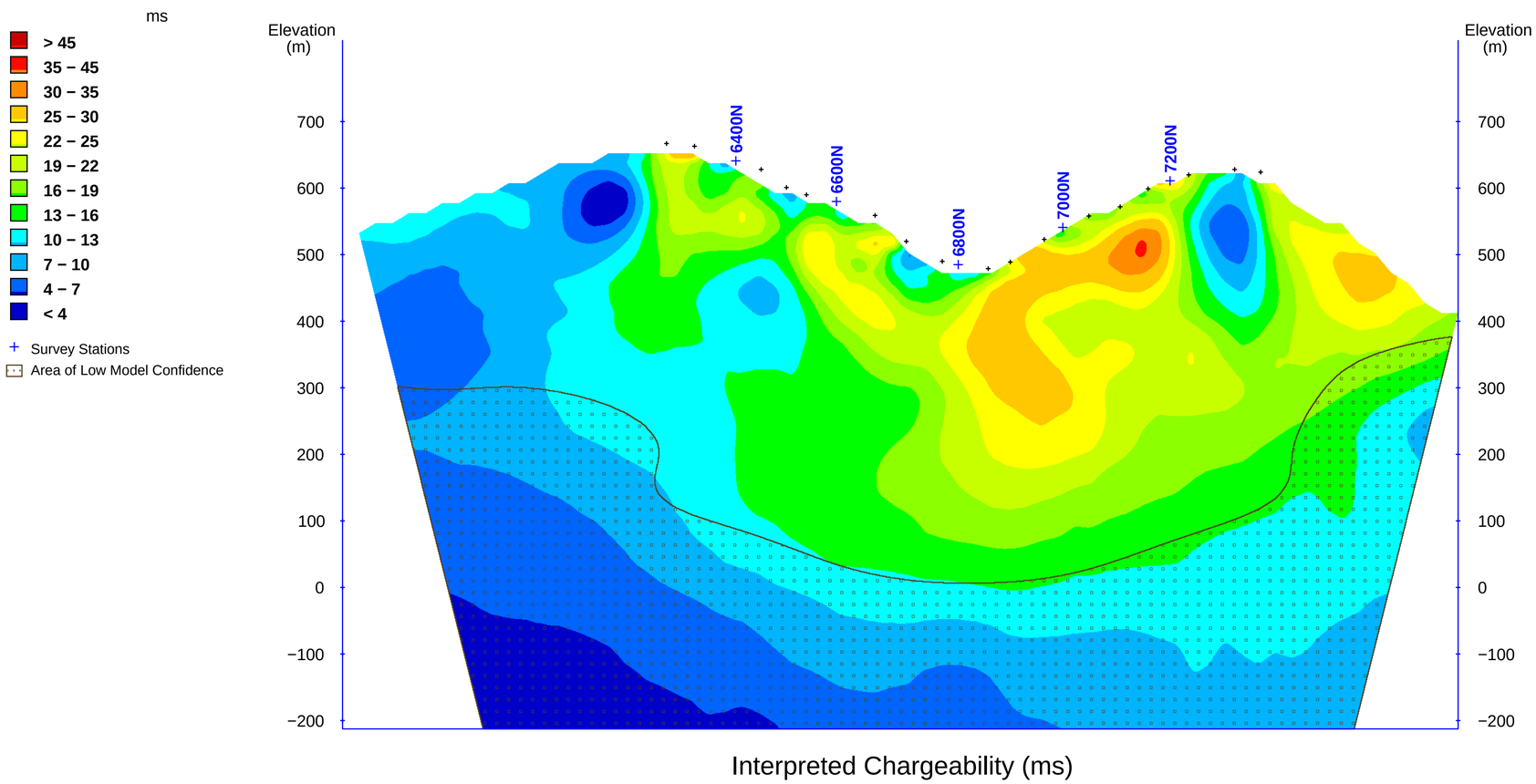
Cross Section Map

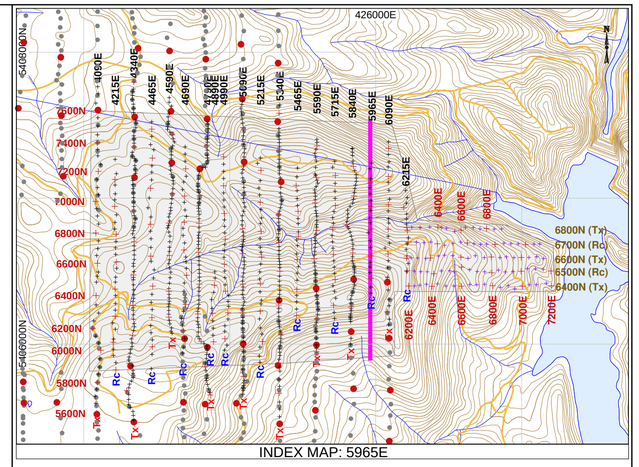
Section: 5840E

SJ Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com







Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

Moina Project

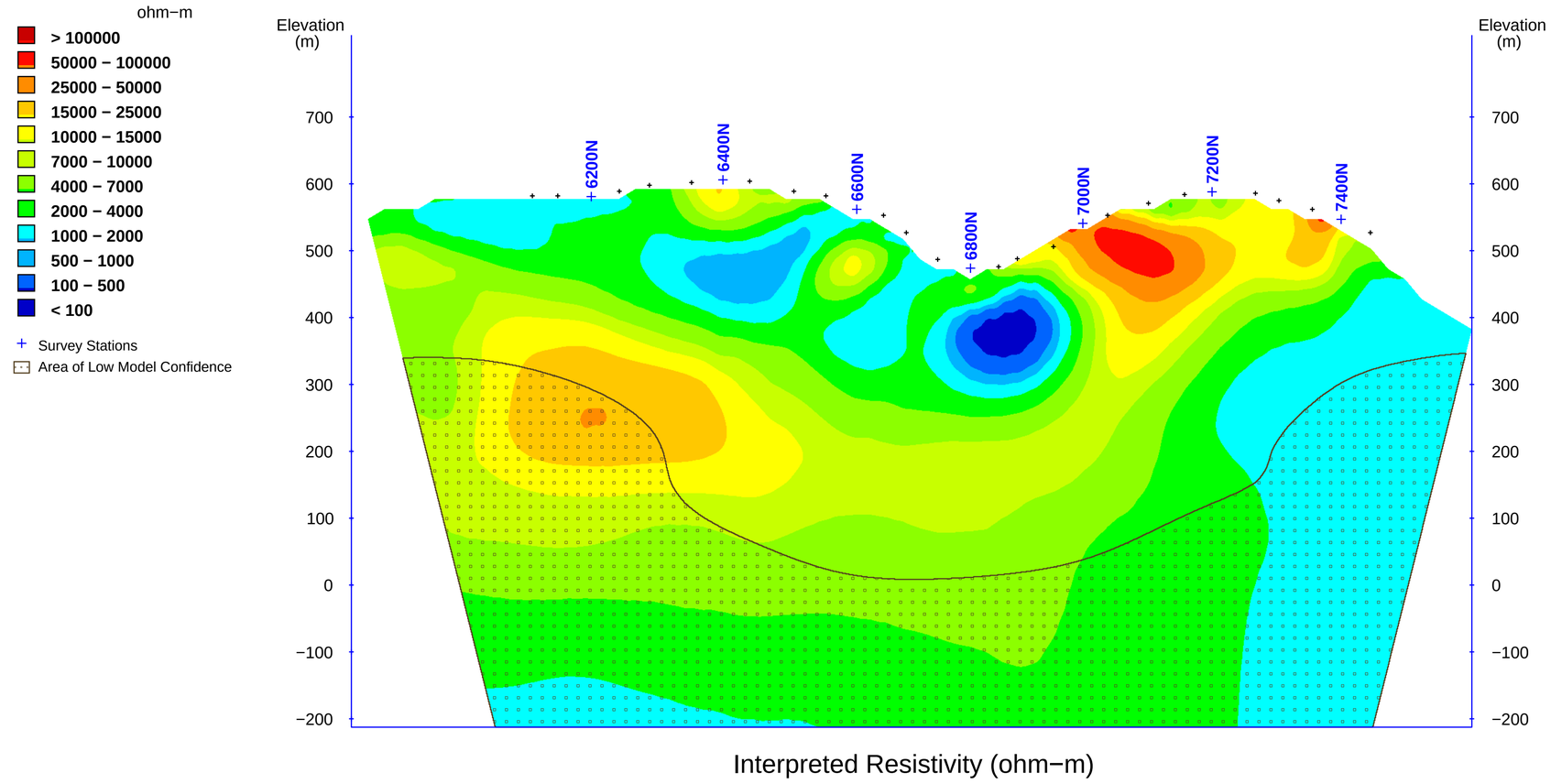
Narrawa and Extension Grids

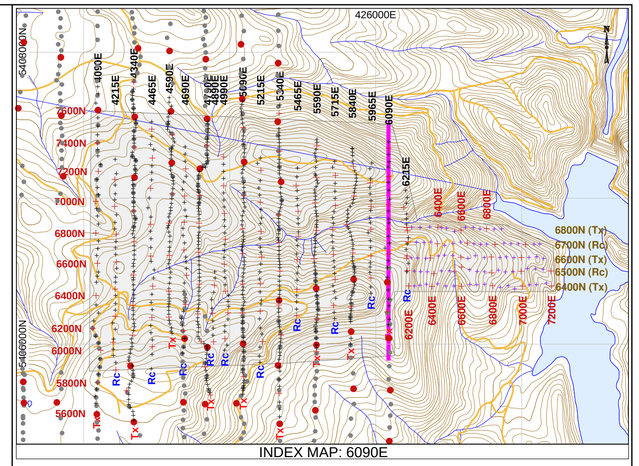
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 5965E

SJ Geophysics Ltd.
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

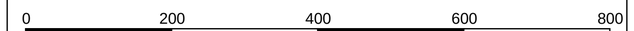


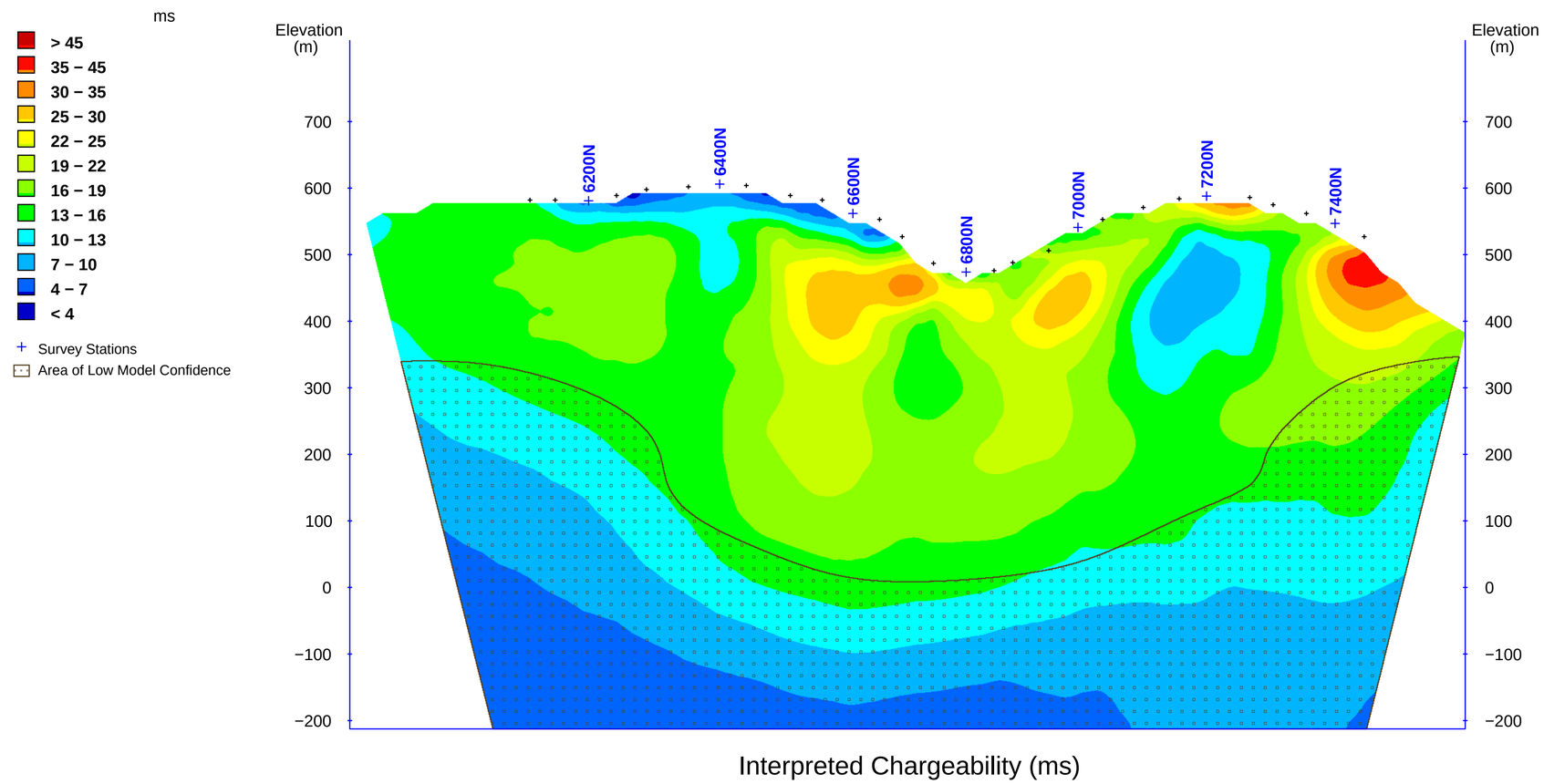


Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012





Frontier Resources Ltd.

Moina Project

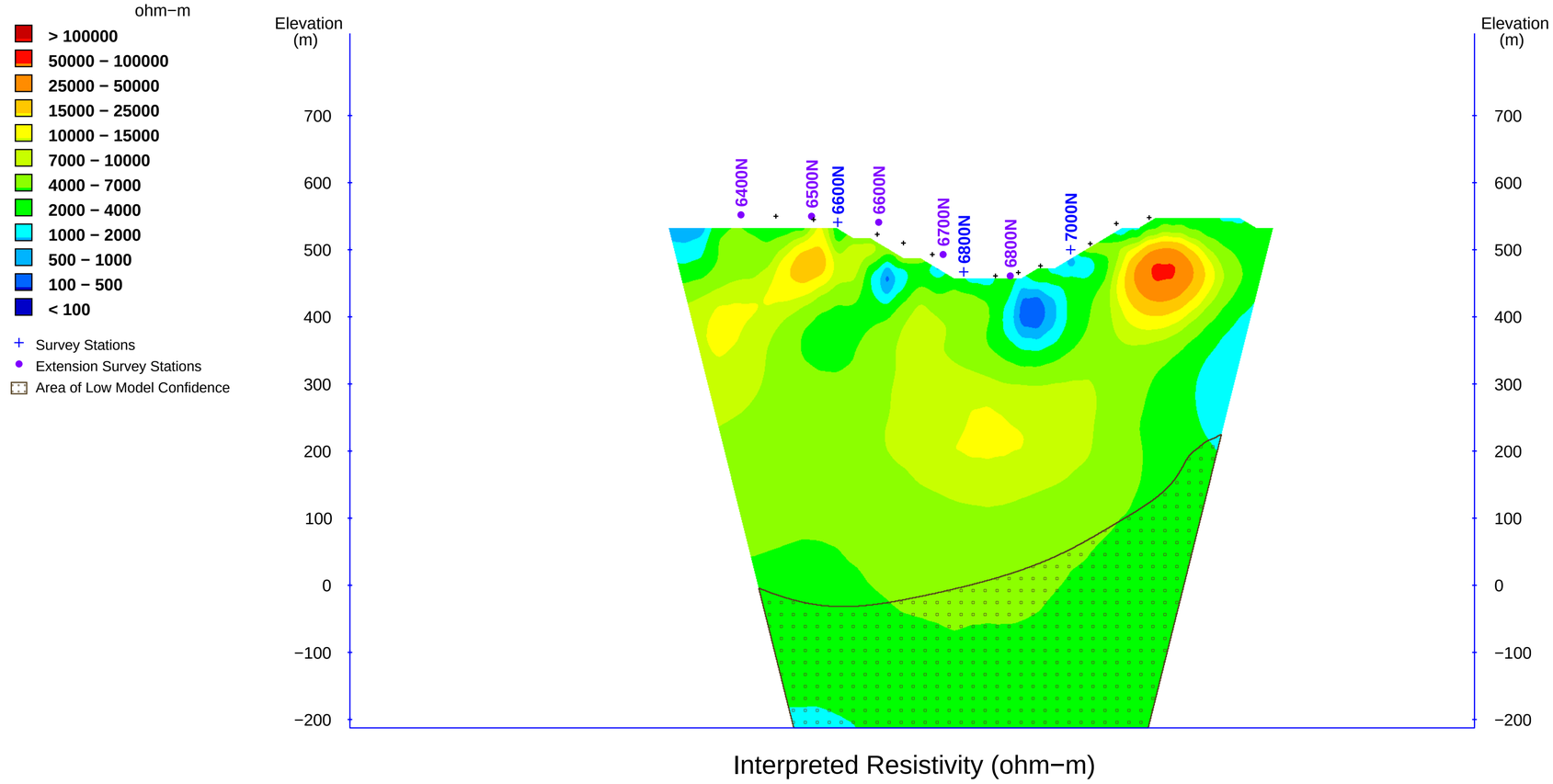
Narrawa and Extension Grids

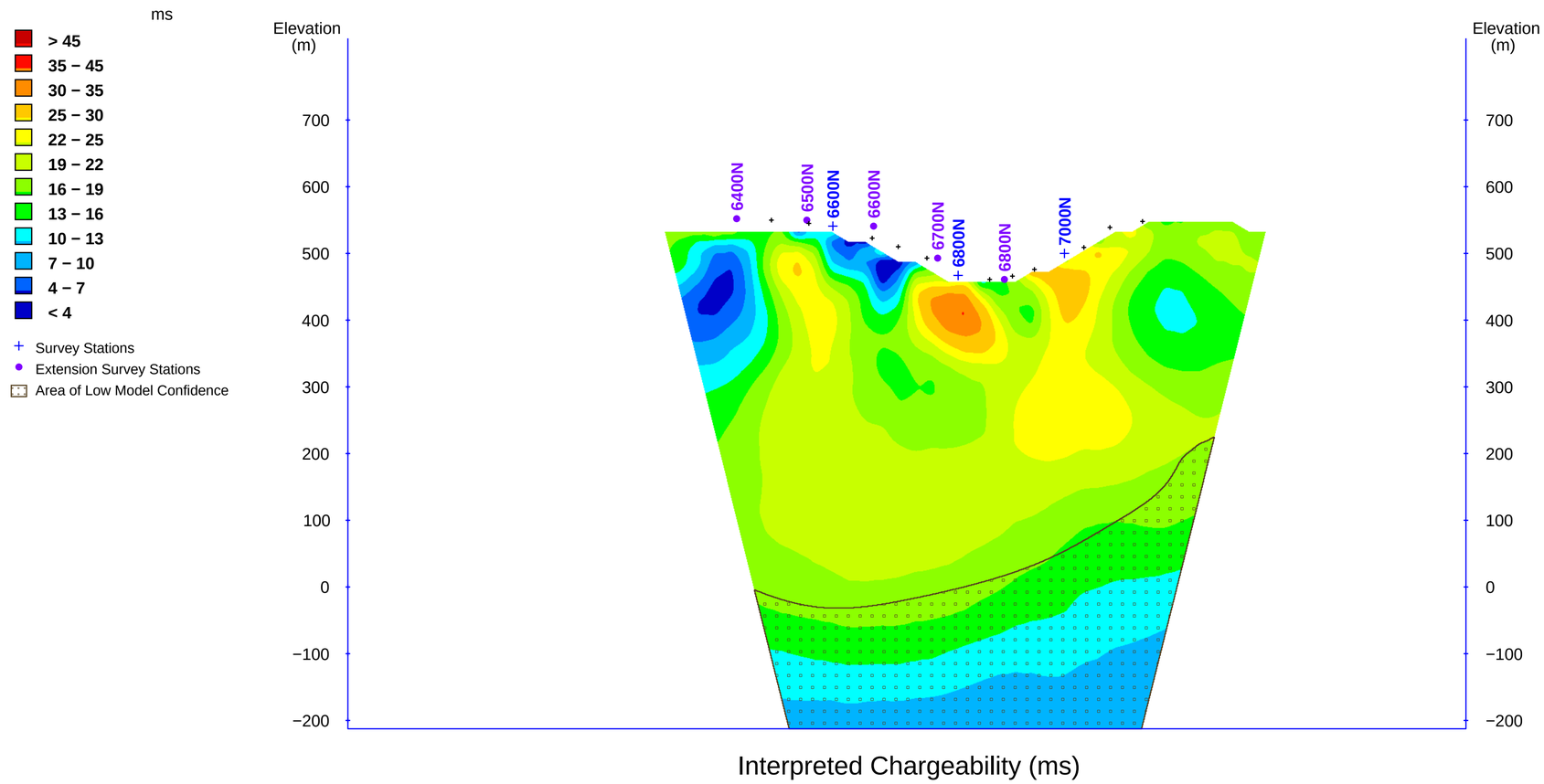
Moina, Tasmania, Australia

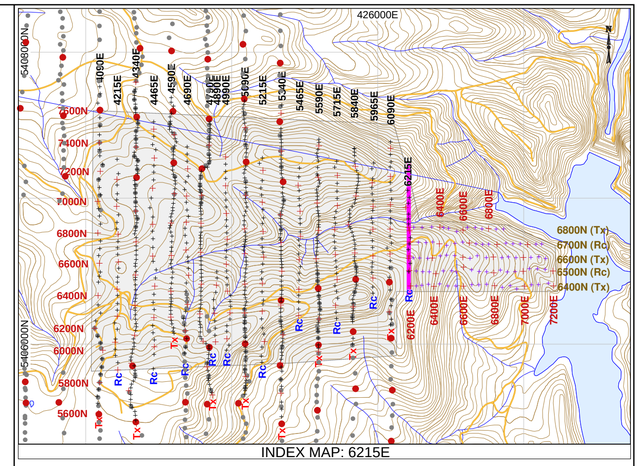
3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 6090E

SJ Geophysics Ltd.
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com







Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

Moina Project

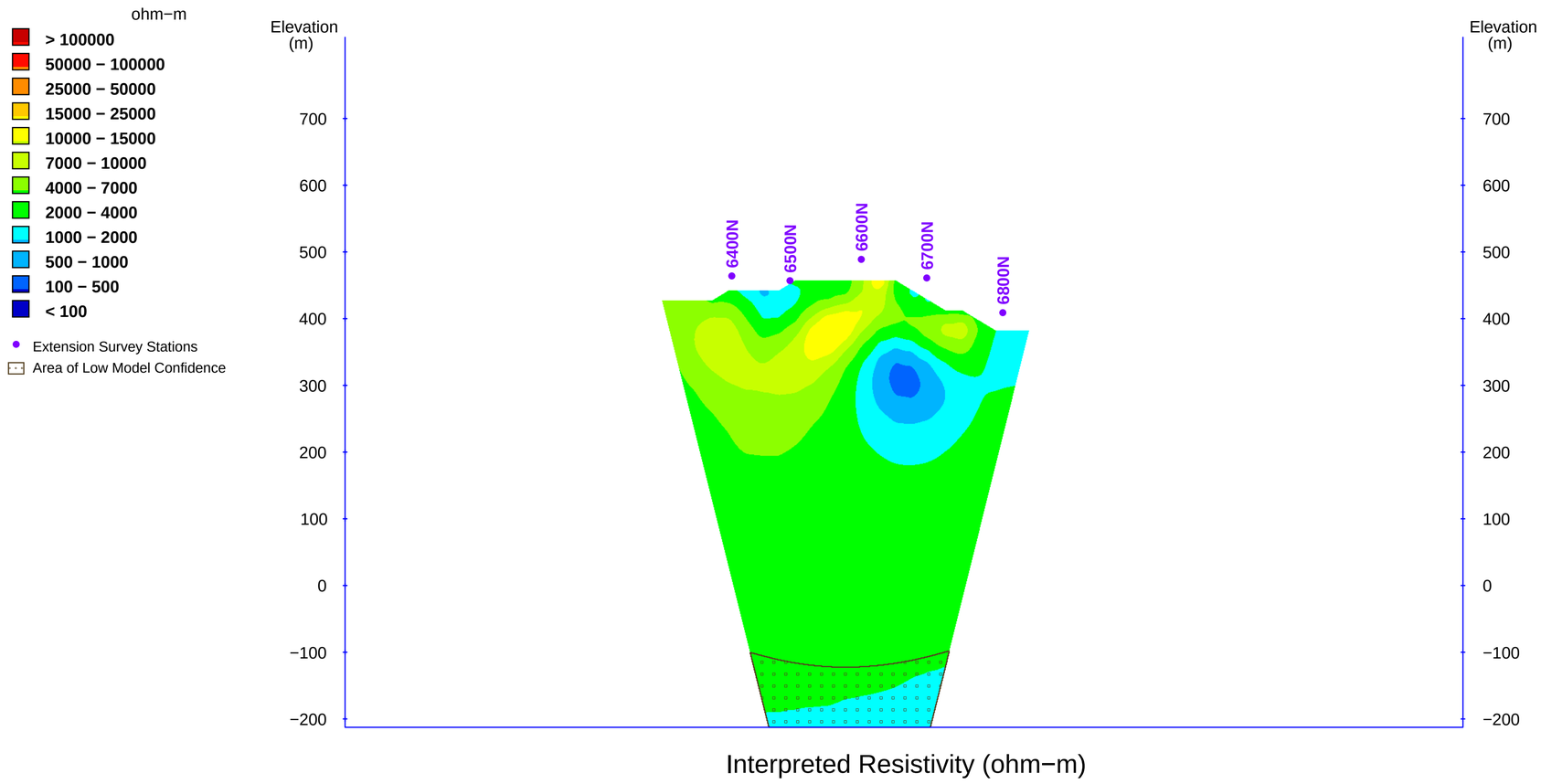
Narrawa and Extension Grids

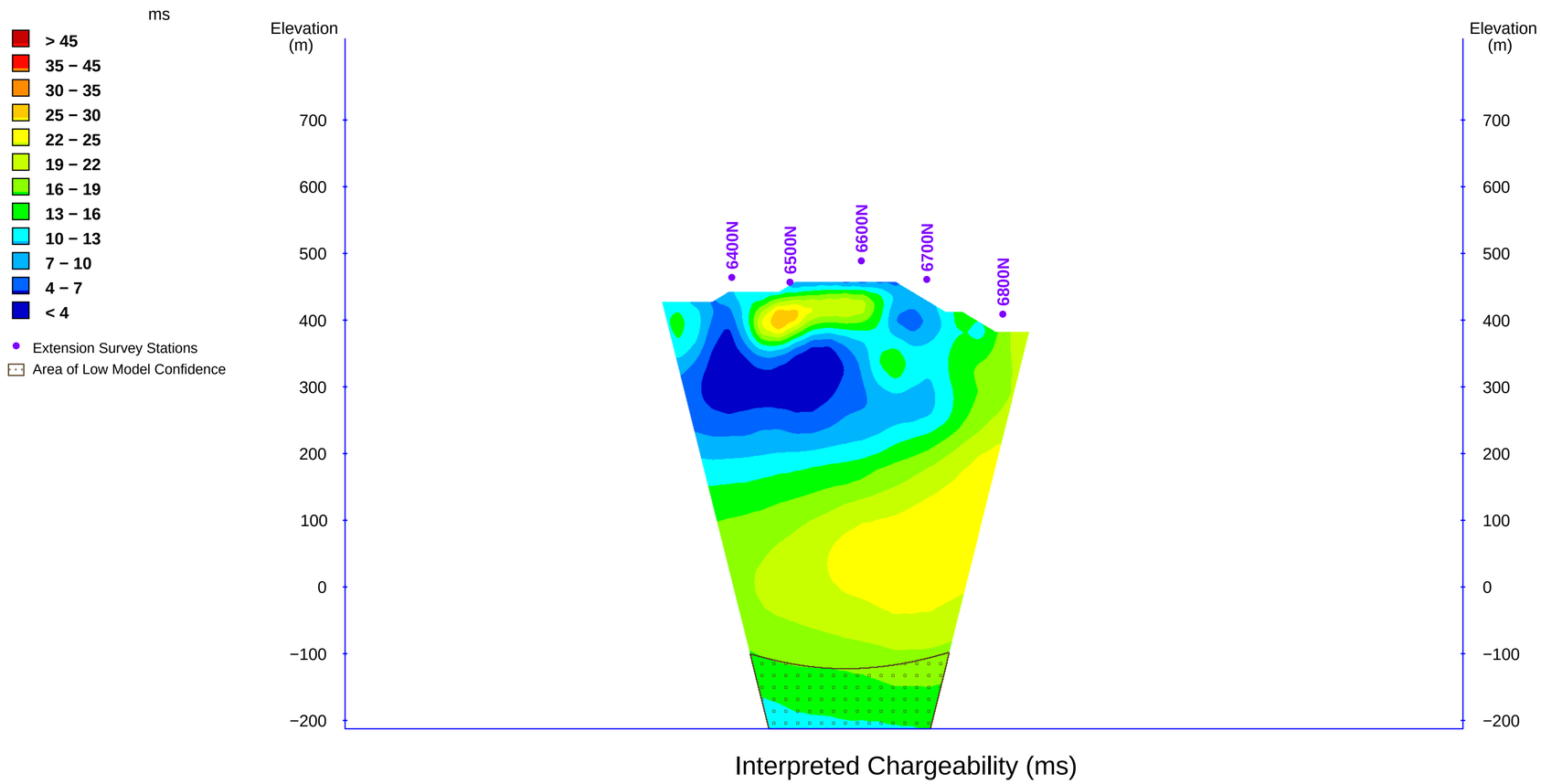
Moina, Tasmania, Australia

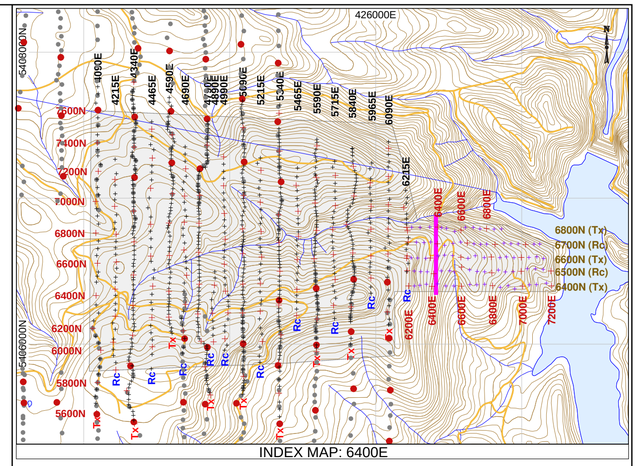
3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 6215E

SJ Geophysics Ltd.
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com







Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

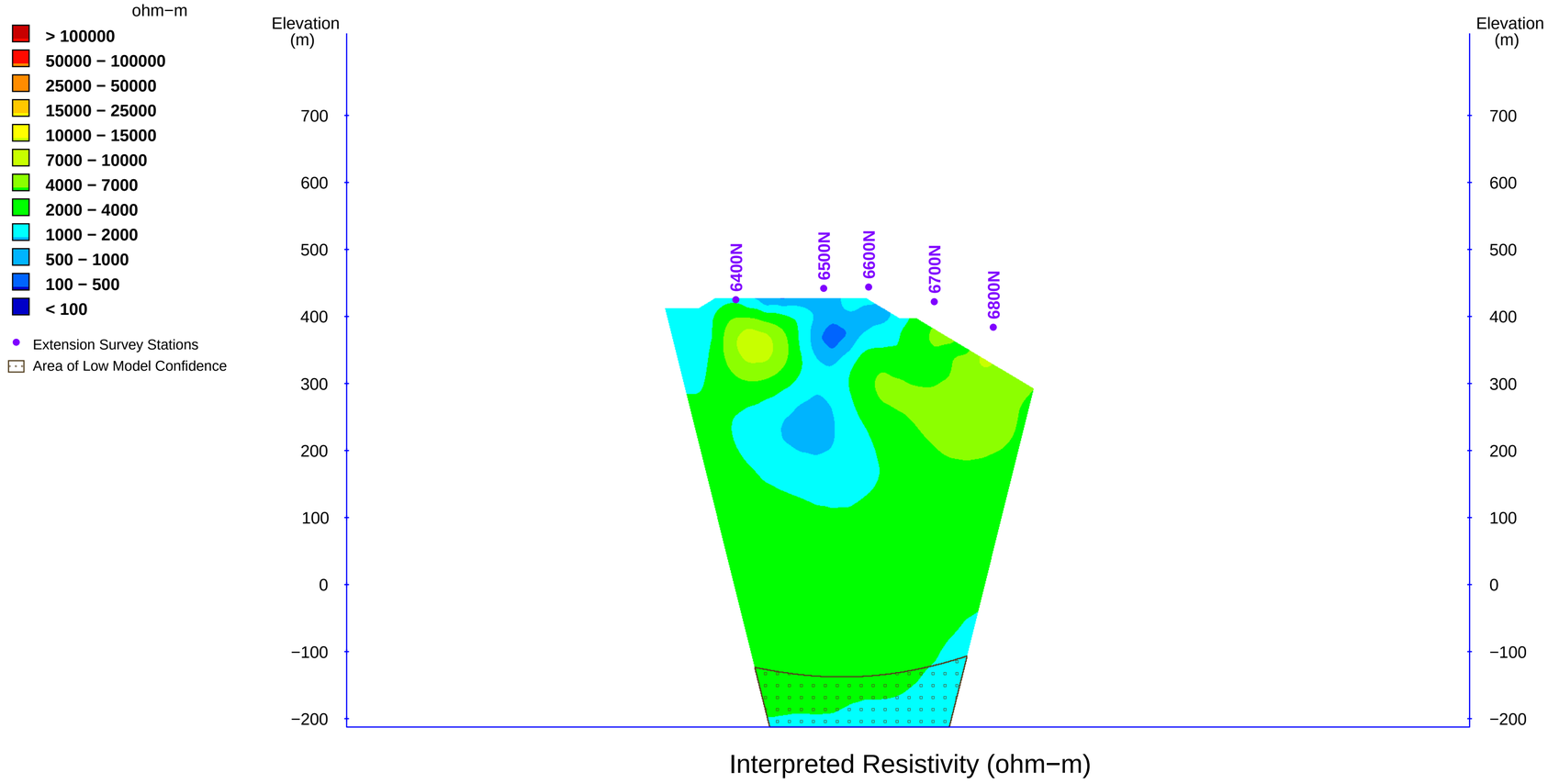
Moina Project

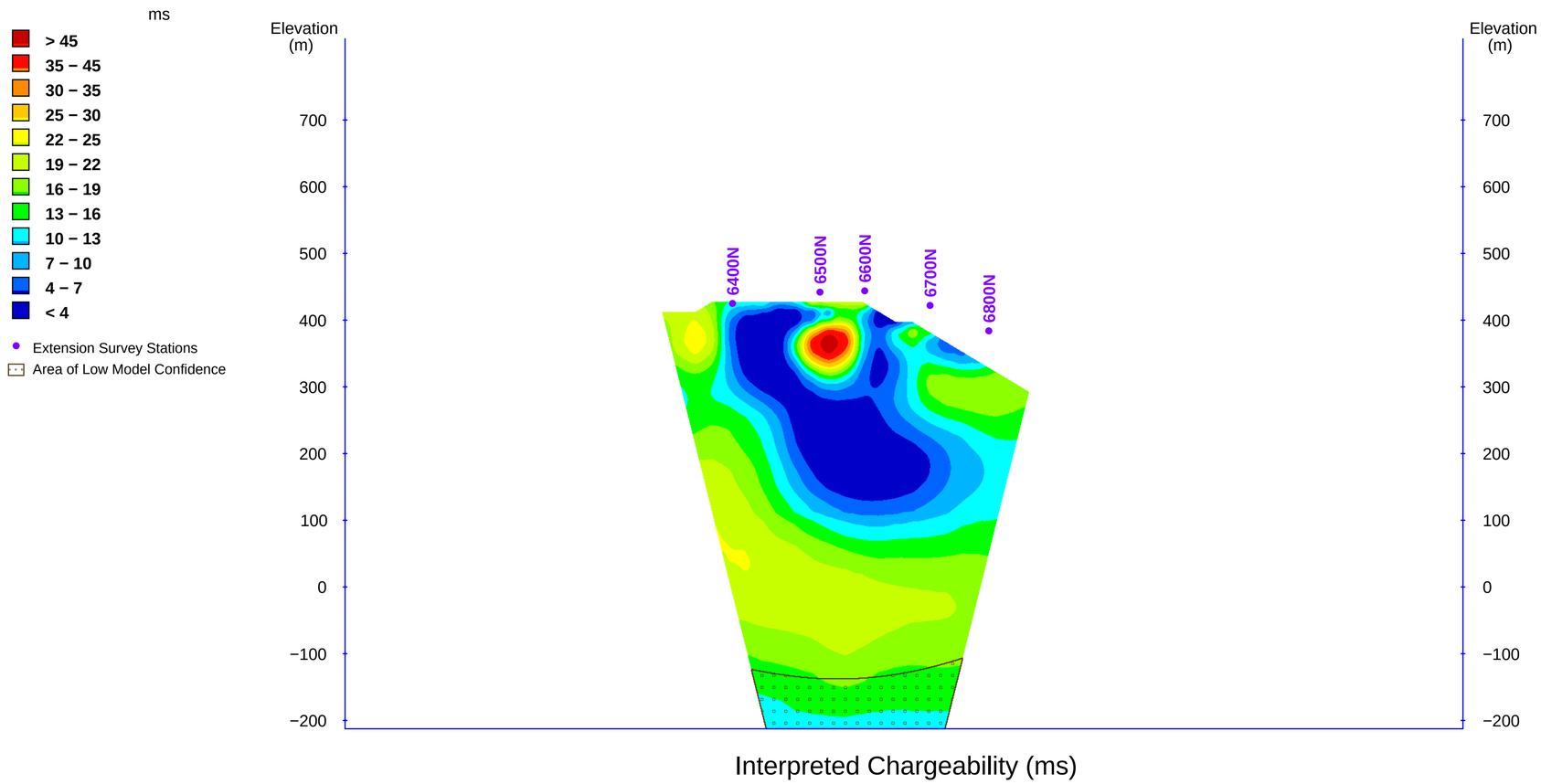
Narrawa and Extension Grids

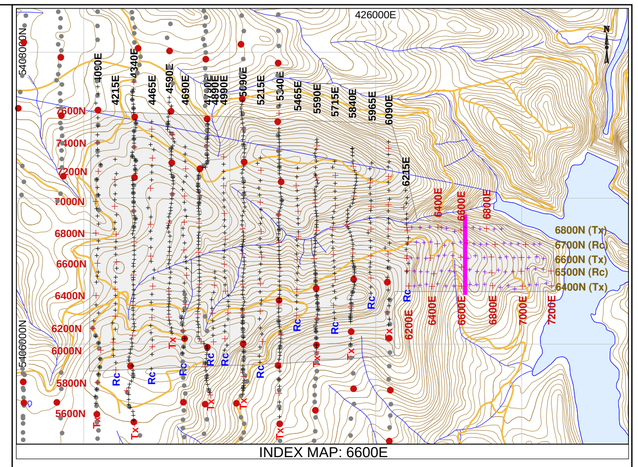
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 6400E







Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

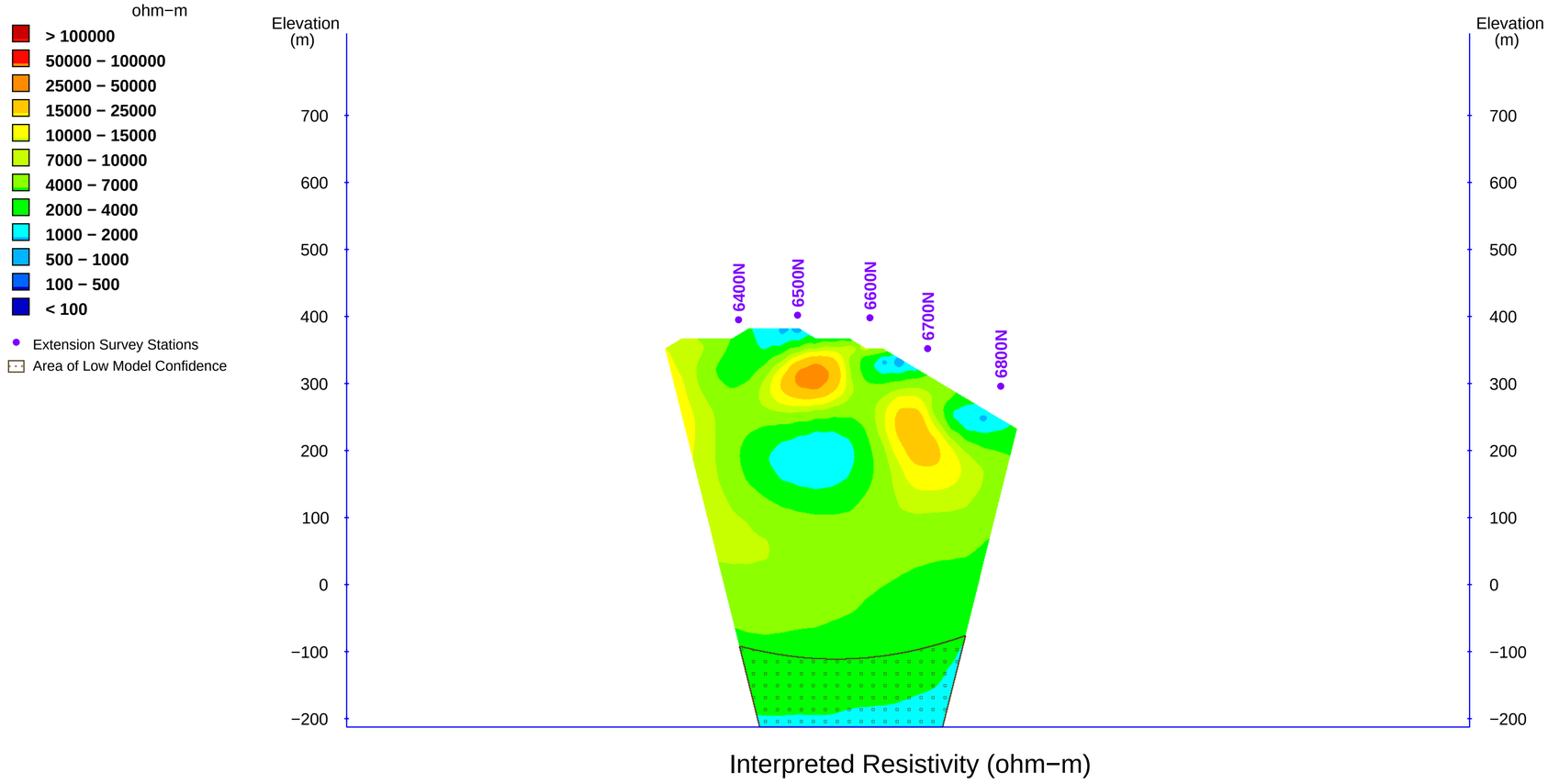
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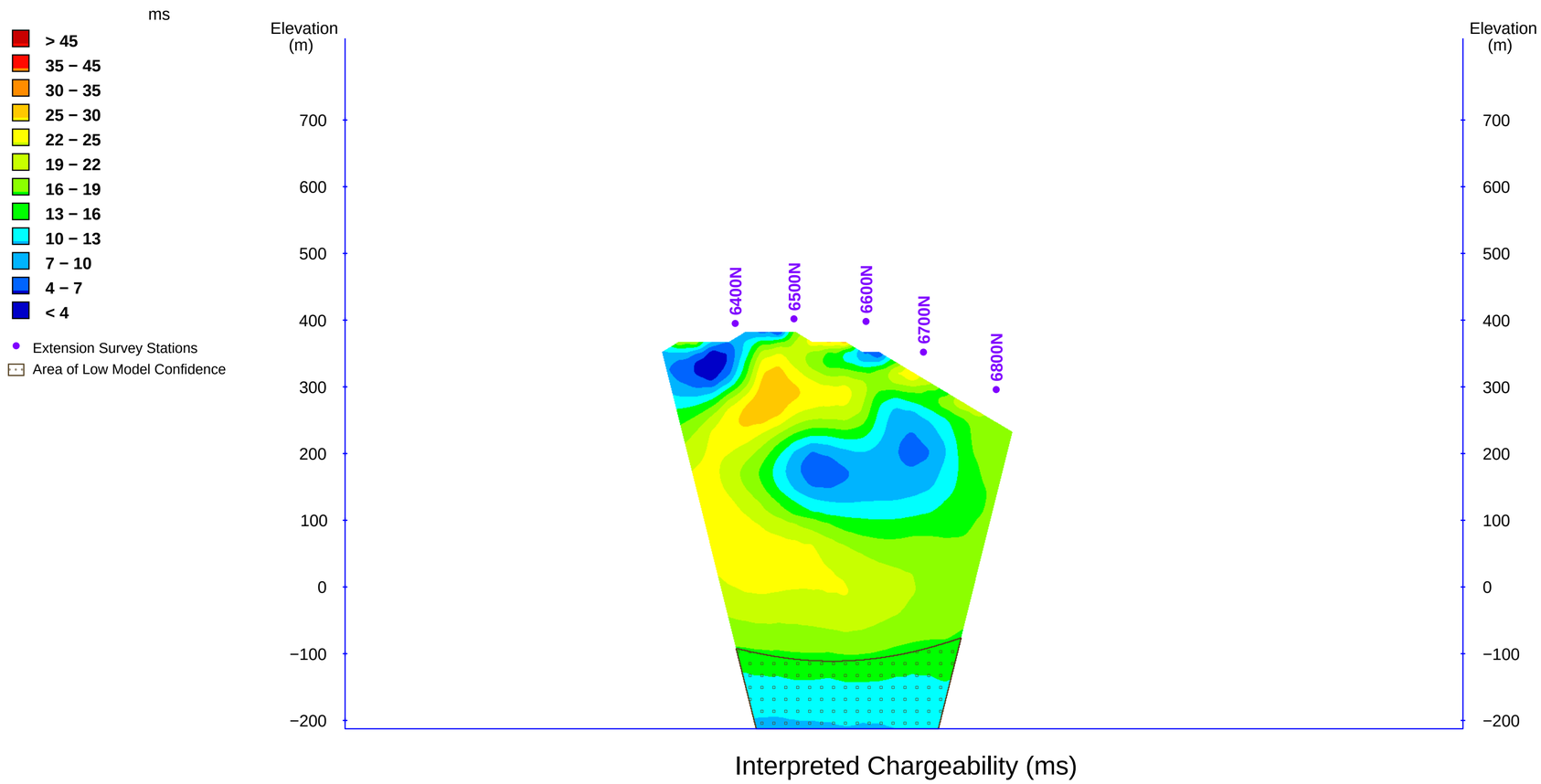
Narrawa and Extension Grids

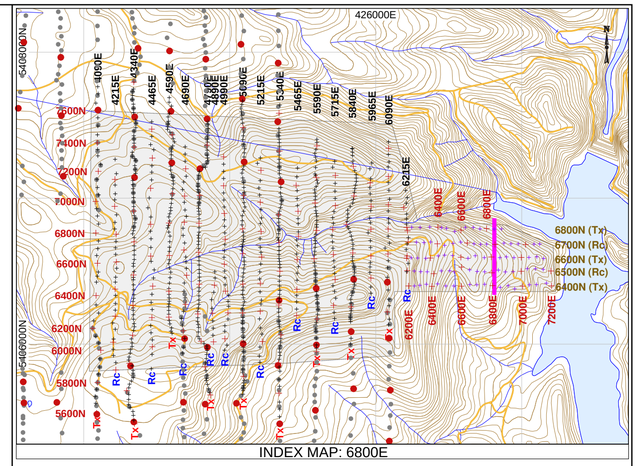
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 6600E







Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

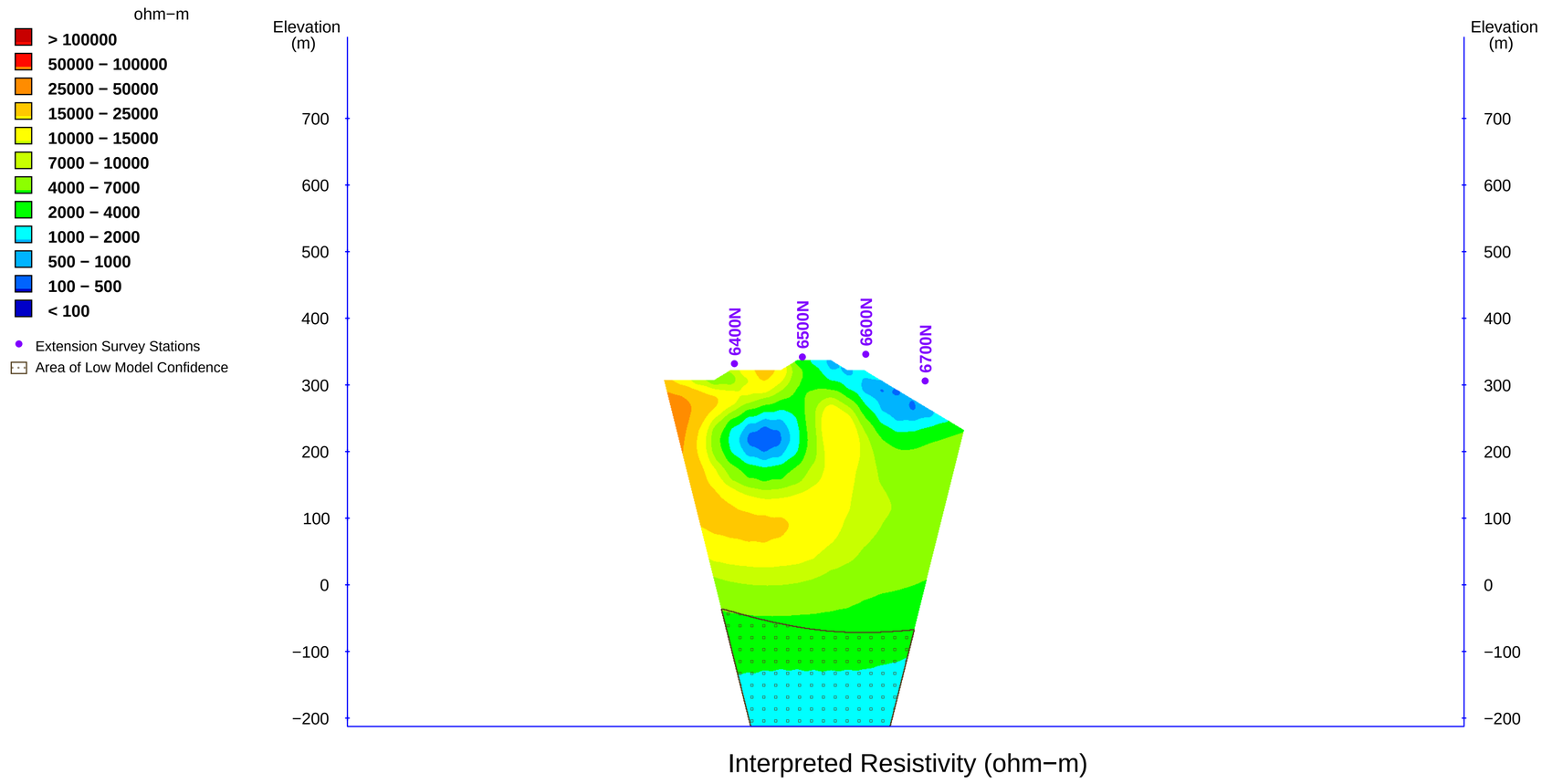
Moina Project

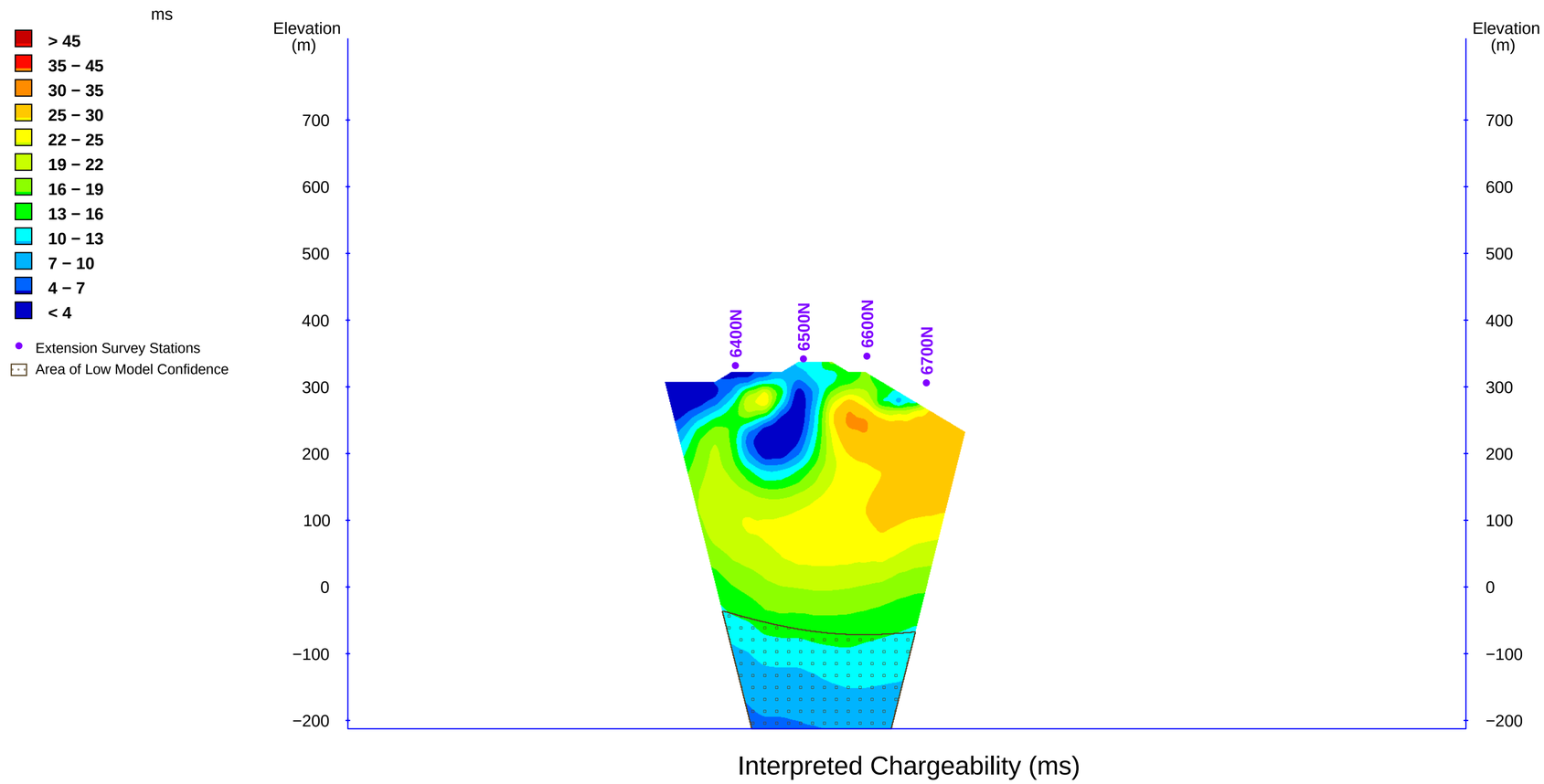
Narrawa and Extension Grids

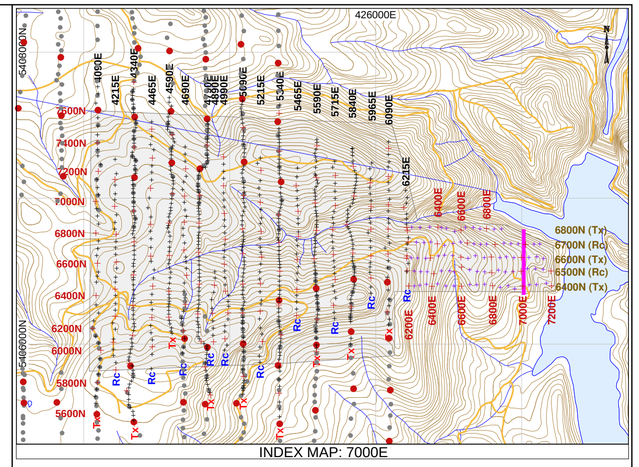
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 6800E







Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct.− Nov., 2011 & Jan., 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 14−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

Moina Project

Narrawa and Extension Grids

Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 7000E

LEGEND

- Survey Stations
- Remotes
- Roads
- Streams
- Elevation Contours (10m)
- Lakes
- Area of Low Model Confidence

ms

- > 45
- 35 − 45
- 30 − 35
- 25 − 30
- 22 − 25
- 19 − 22
- 16 − 19
- 13 − 16
- 10 − 13
- 7 − 10
- 4 − 7
- < 4

UTM Grid North

422000E 423000E 424000E 425000E 426000E 427000E

5409000N 5408000N 5407000N 5406000N 5405000N 5404000N

Bell Mountain Grid

Bell Mountain Ext. Grid

Narrawa Grid

Narrawa Ext. Grid

East Moina Link

East Moina

East Moina Infill

East Moina Ext

3375E 9375N

4341E 7600N

3241E 6500N

5591E 6800N

4341E 5750N

5091E 4270N

5591E 4200N

Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 50m Below Topography

0 200 400 600 800 1000

meters

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

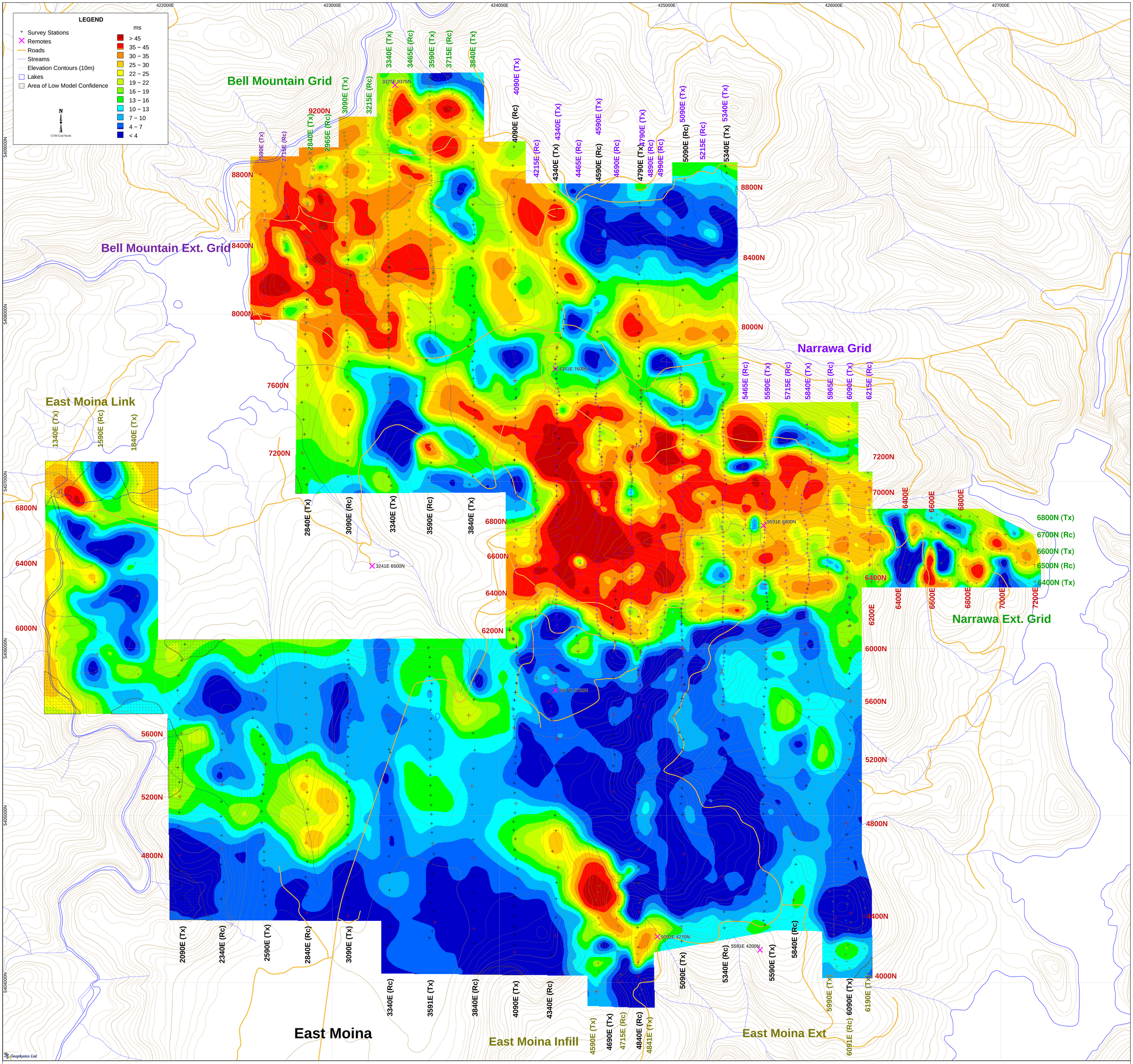
Frontier Resources Ltd.

Interpreted Chargeability (ms)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 100m Below Topography

0 200 400 600 800 1000
meters

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

Frontier Resources Ltd.

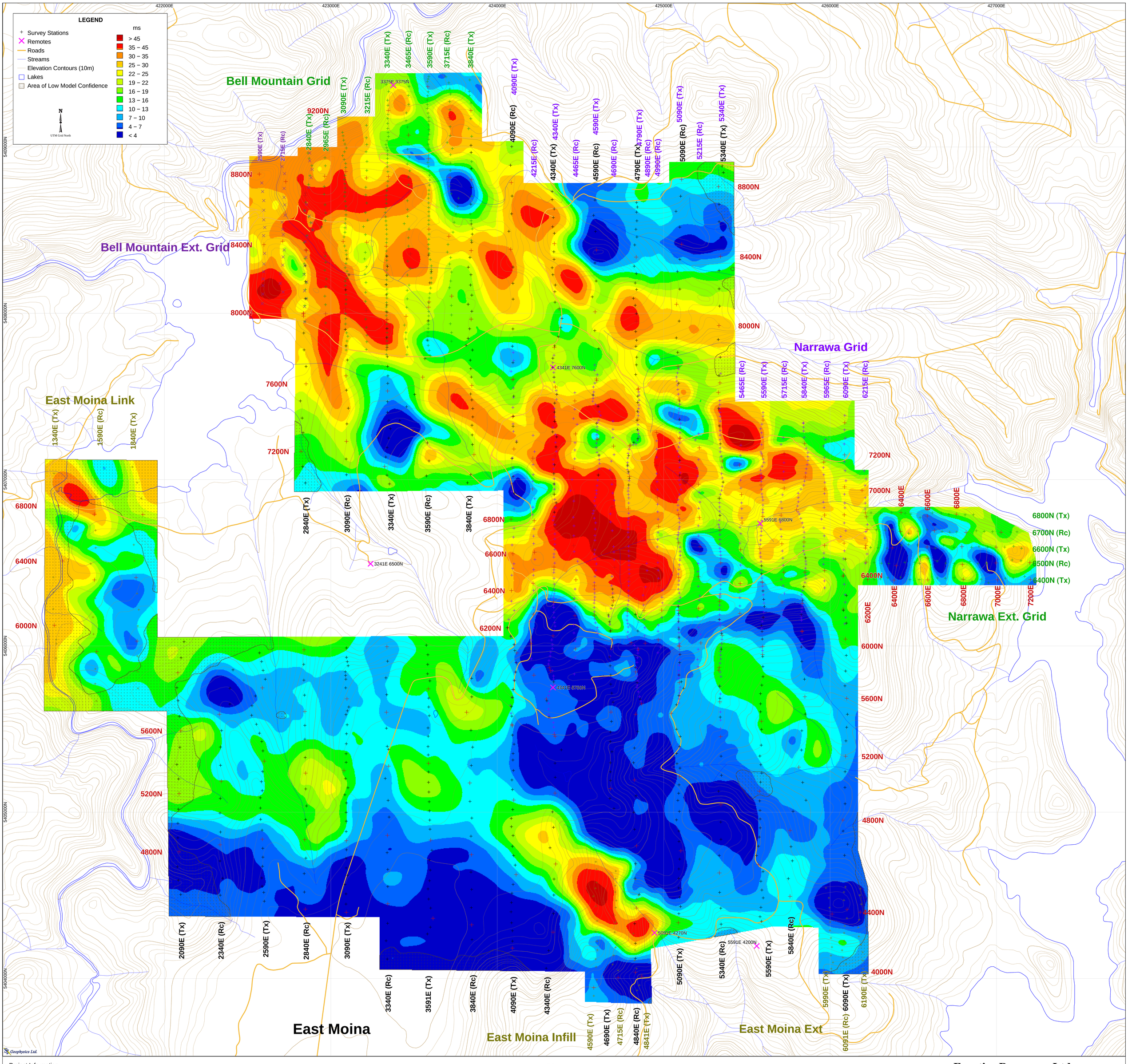
Interpreted Chargeability (ms)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia

Plate C−2



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 150m Below Topography

0 200 400 600 800 1000
meters

Frontier Resources Ltd.

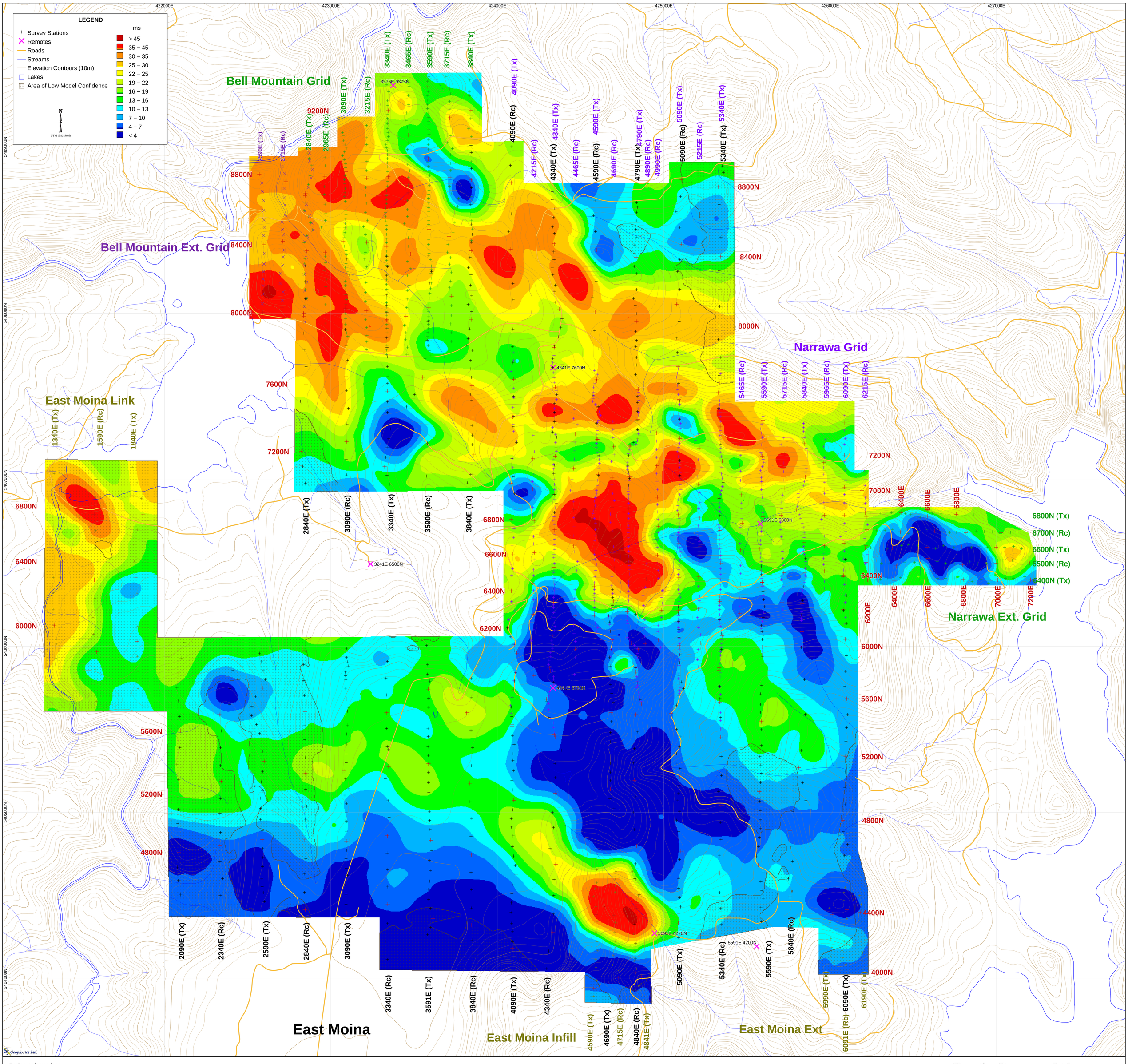
Interpreted Chargeability (ms)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 200m Below Topography

0 200 400 600 800 1000
meters

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

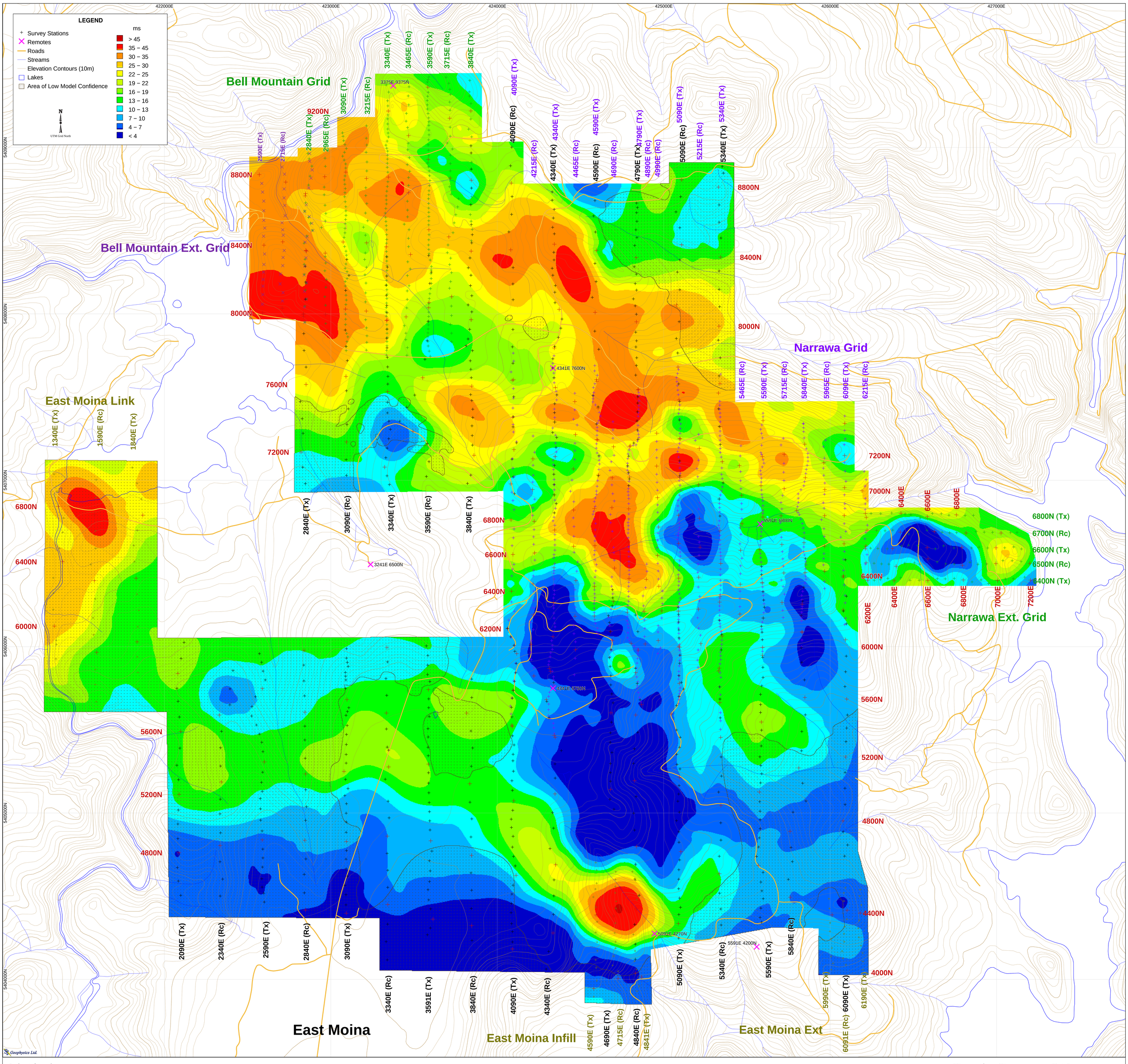
Frontier Resources Ltd.

Interpreted Chargeability (ms)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 250m Below Topography

0 200 400 600 800 1000
meters

Frontier Resources Ltd.

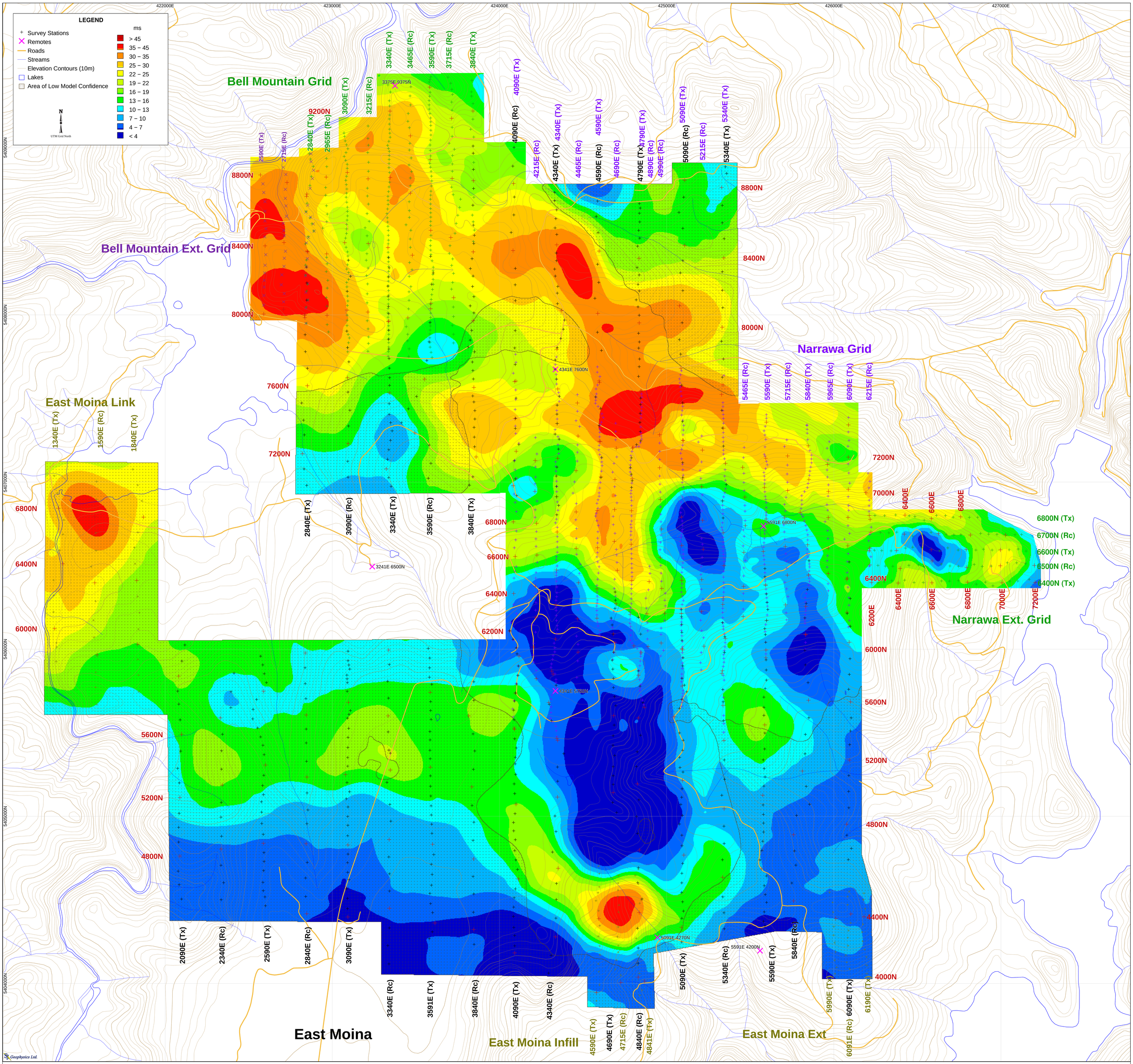
Interpreted Chargeability (ms)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 300m Below Topography

0 200 400 600 800 1000
meters

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

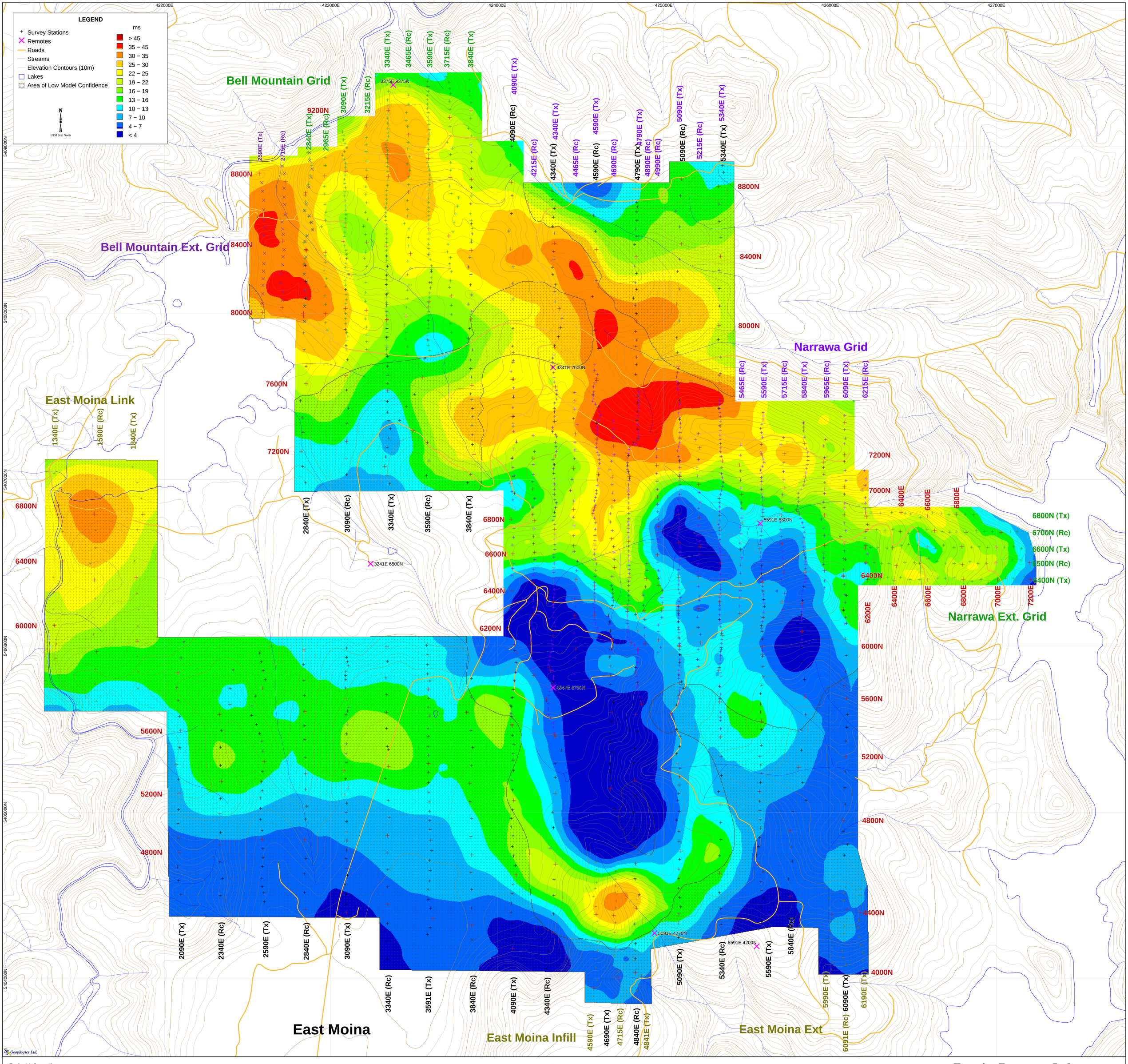
Frontier Resources Ltd.

Interpreted Chargeability (ms)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 350m Below Topography

0 200 400 600 800 1000
meters

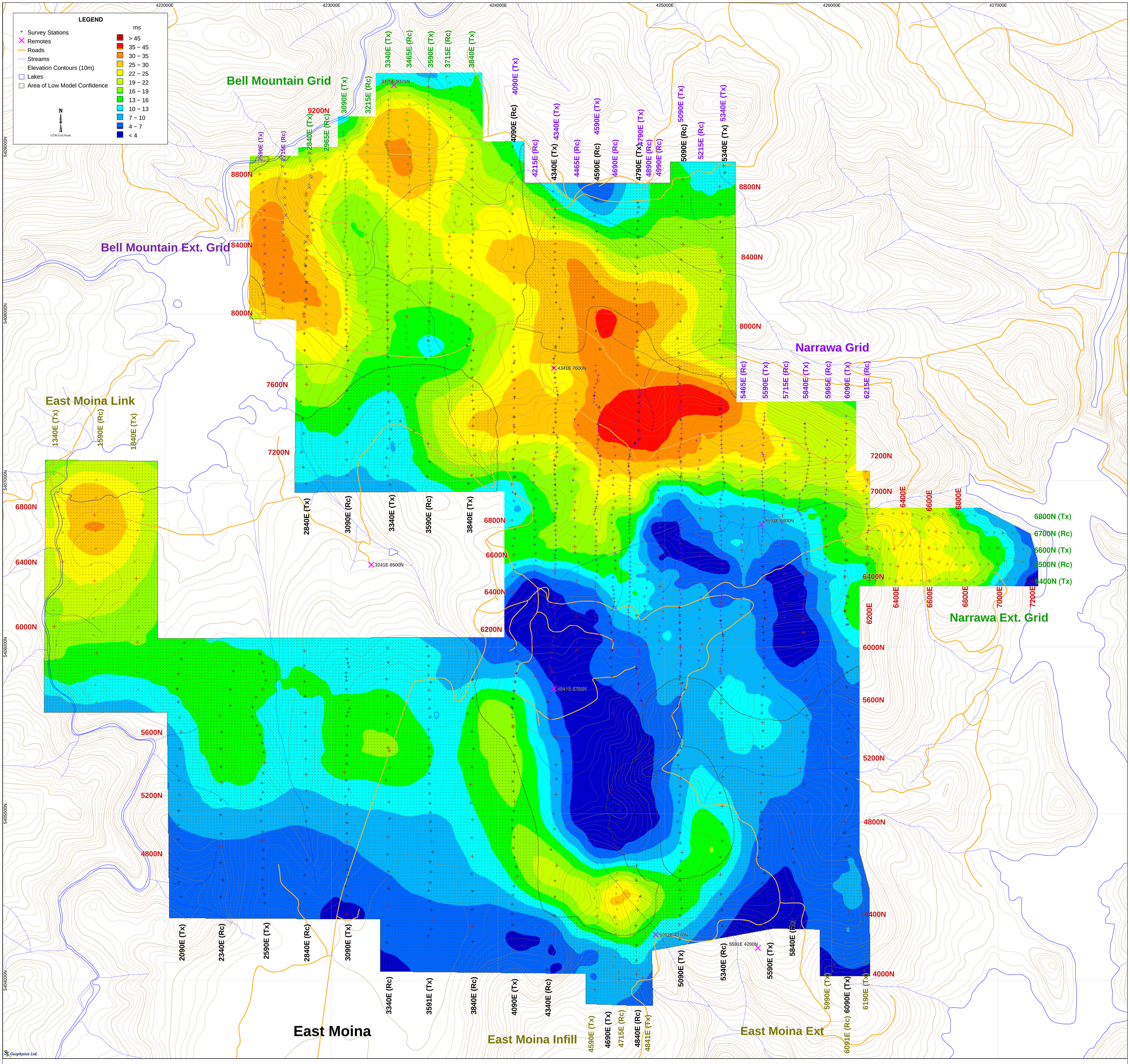
Frontier Resources Ltd.

Interpreted Chargeability (ms)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 400m Below Topography

0 200 400 600 800 1000
meters

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

Frontier Resources Ltd.

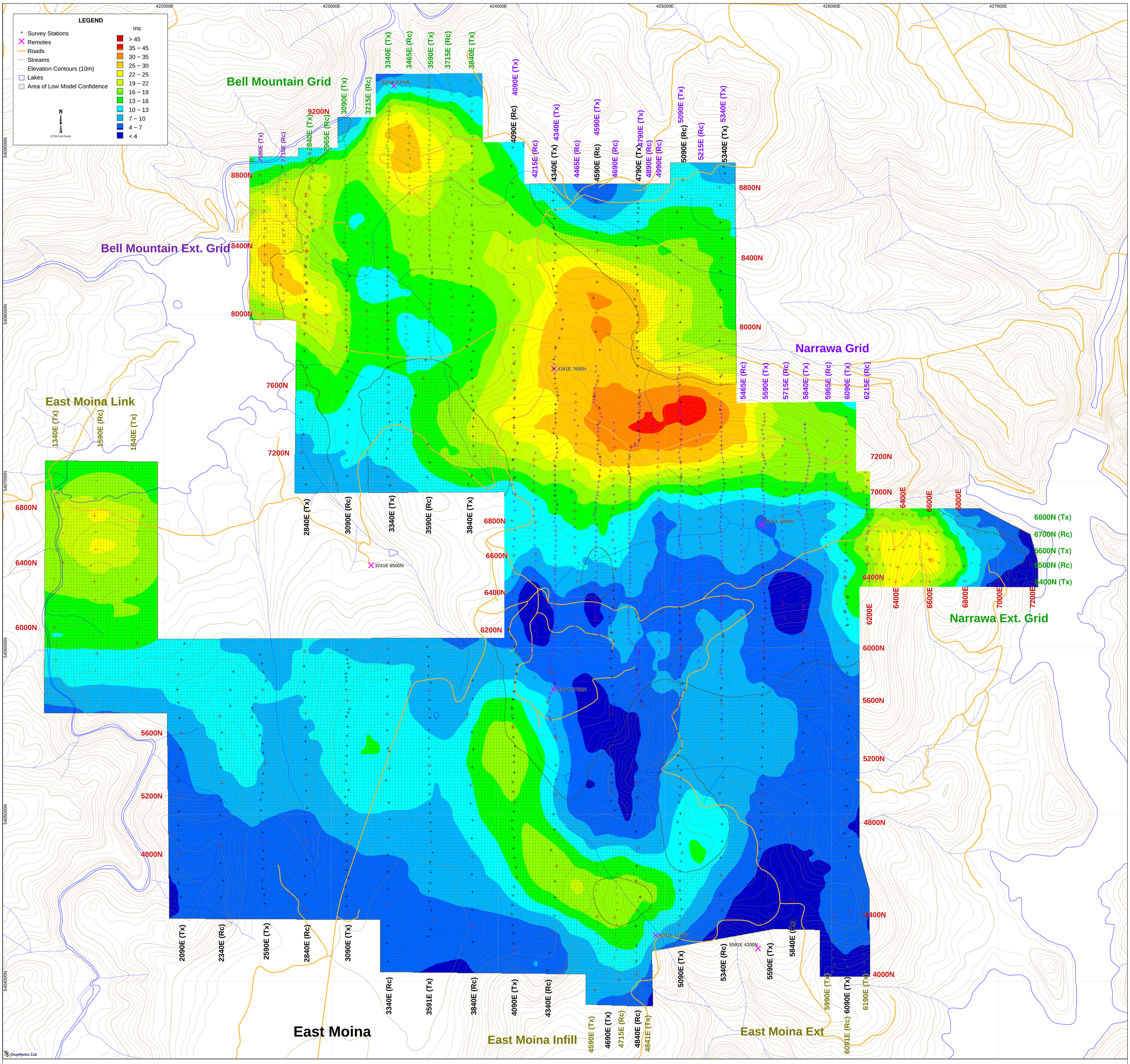
Interpreted Chargeability (ms)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia

Plate C−8



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 500m Below Topography

0 200 400 600 800 1000
meters

Frontier Resources Ltd.

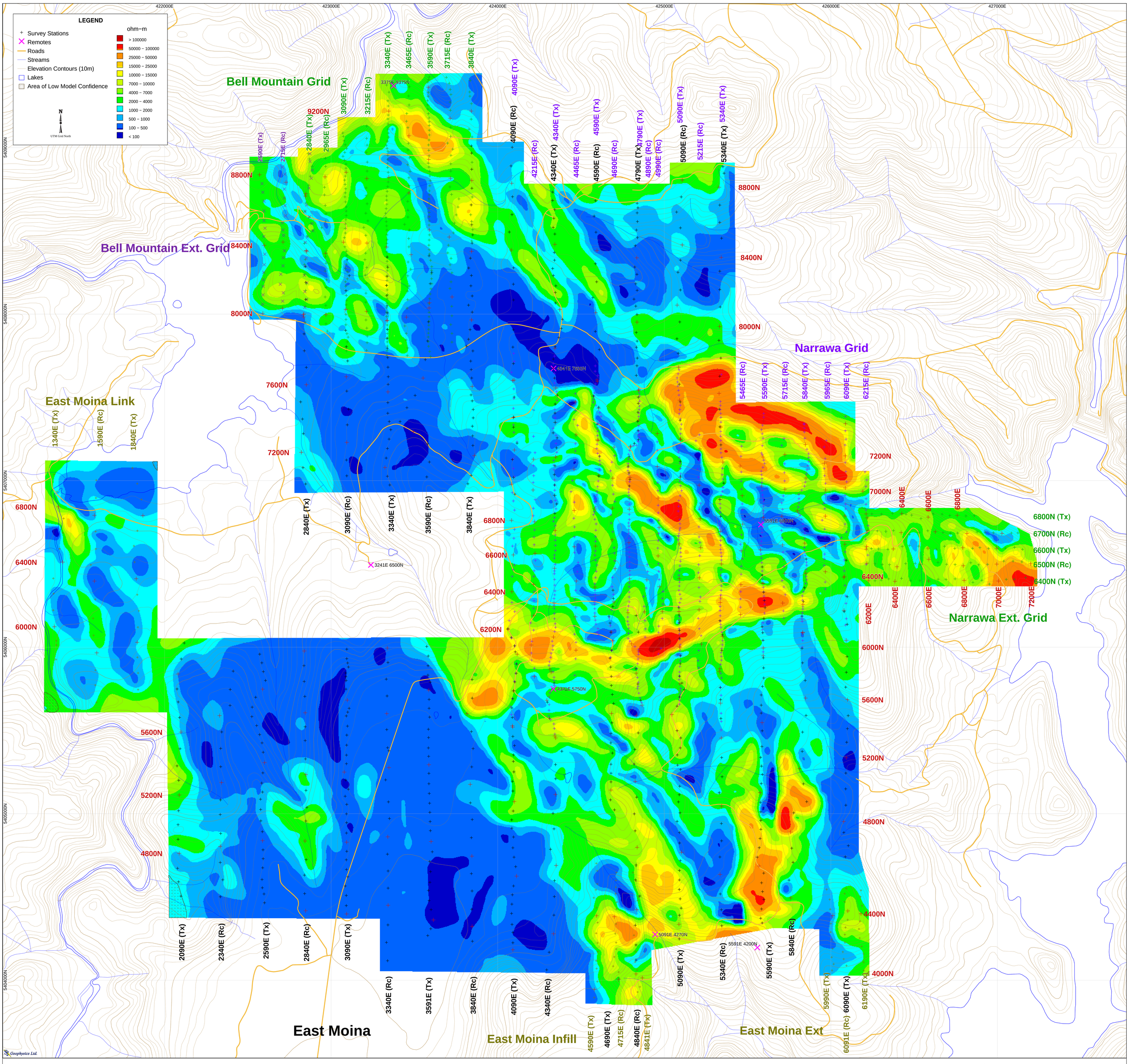
Interpreted Chargeability (ms)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 50m Below Topography

0 200 400 600 800 1000
meters

Frontier Resources Ltd.

Interpreted Resistivity (ohm−m)

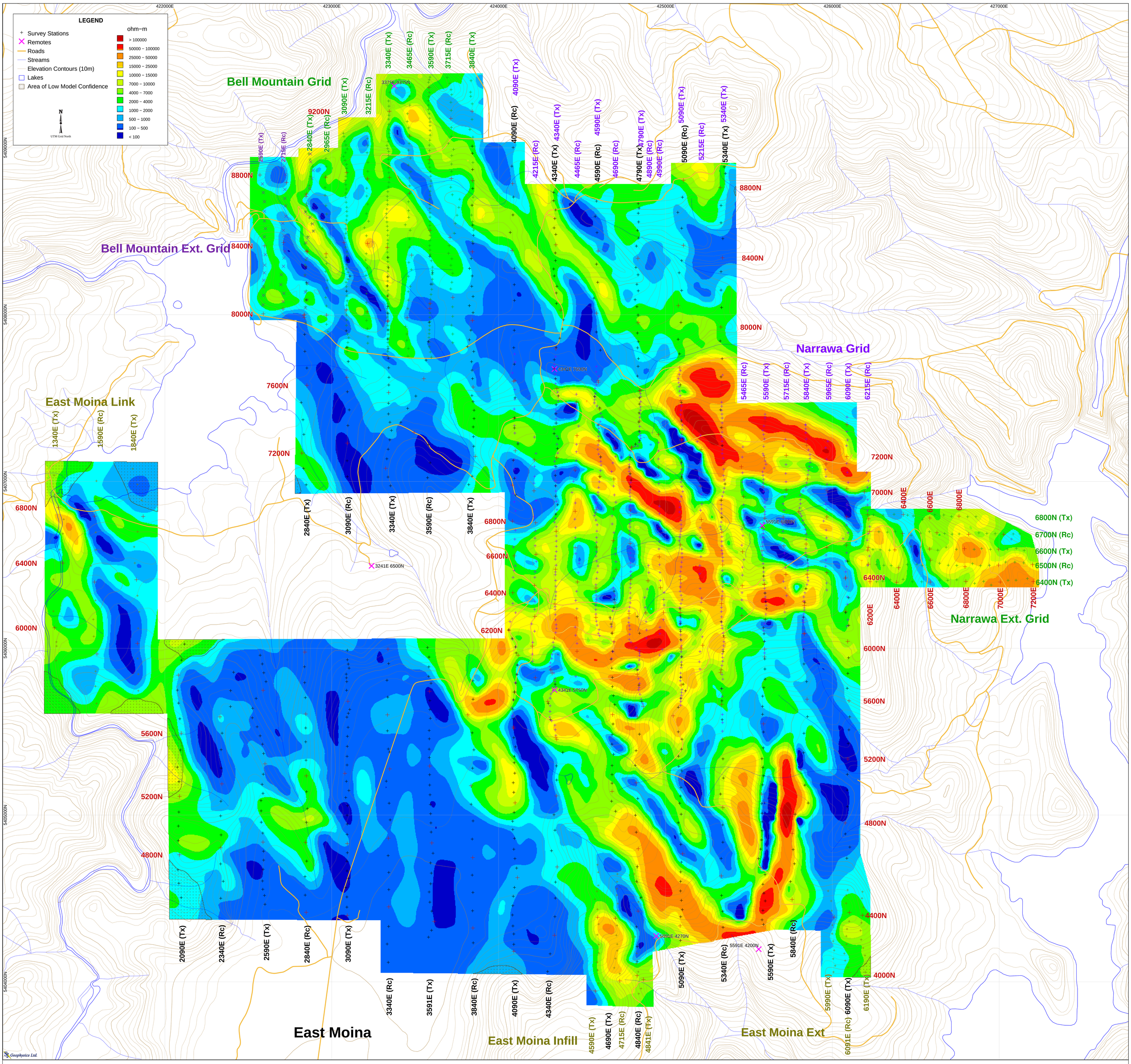
Moina Project

East Moina Regional Model

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

Plate R−1



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 100m Below Topography

0 200 400 600 800 1000
meters

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

Frontier Resources Ltd.

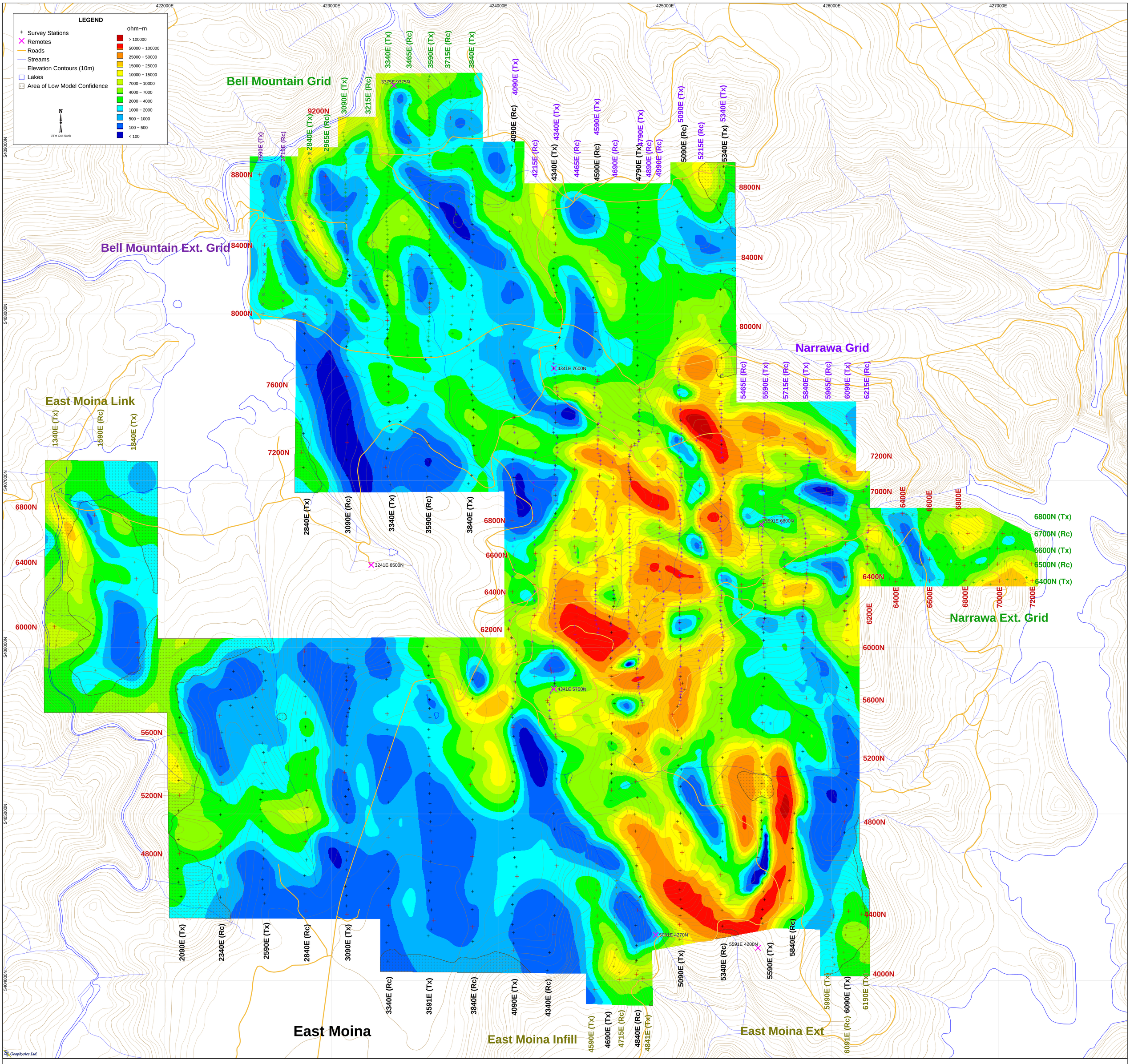
Interpreted Resistivity (ohm−m)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia

Plate R−2



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 150m Below Topography

0 200 400 600 800 1000
meters

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

Frontier Resources Ltd.

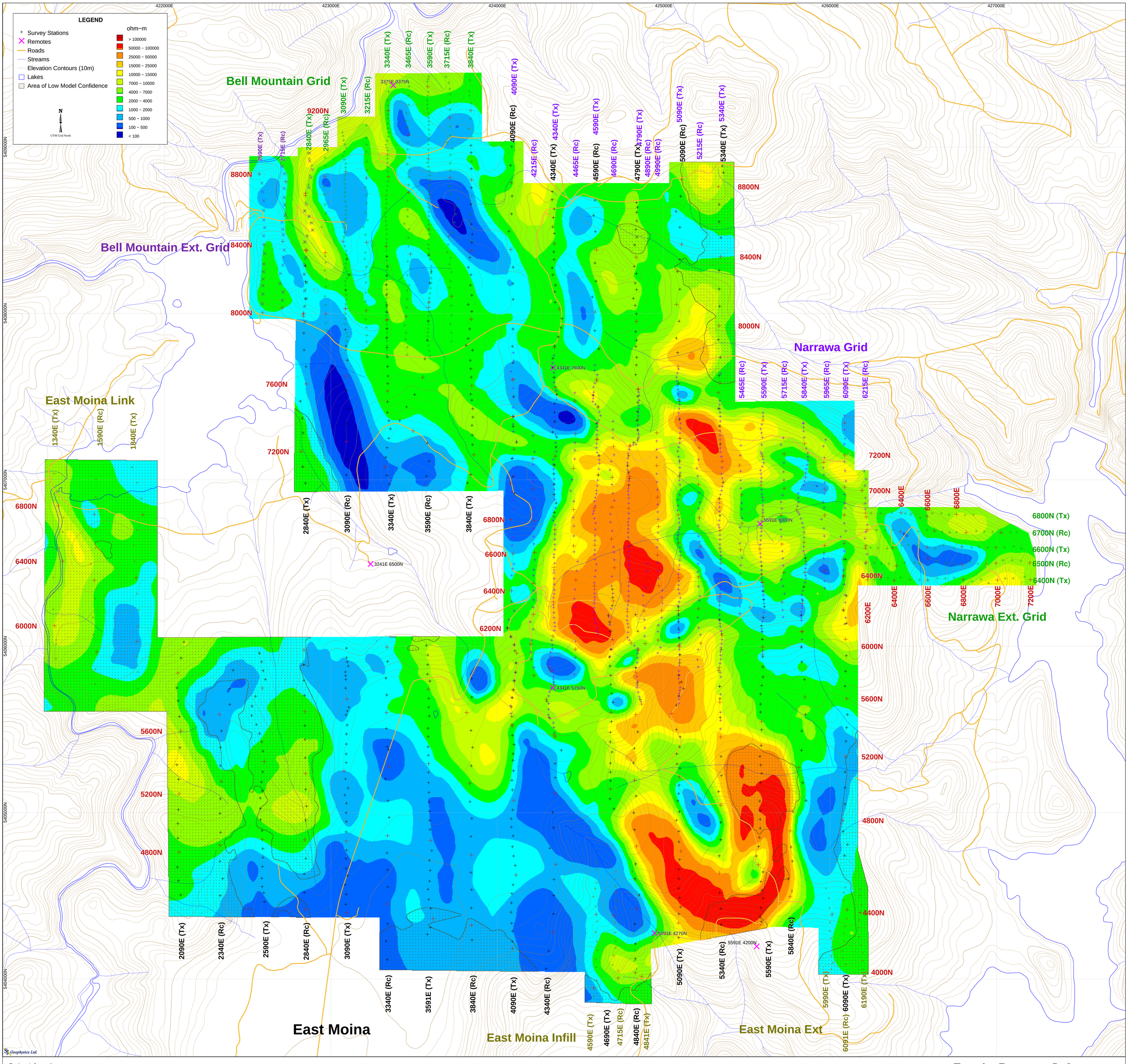
Interpreted Resistivity (ohm−m)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia

Plate R−3



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 200m Below Topography

0 200 400 600 800 1000
meters

Frontier Resources Ltd.

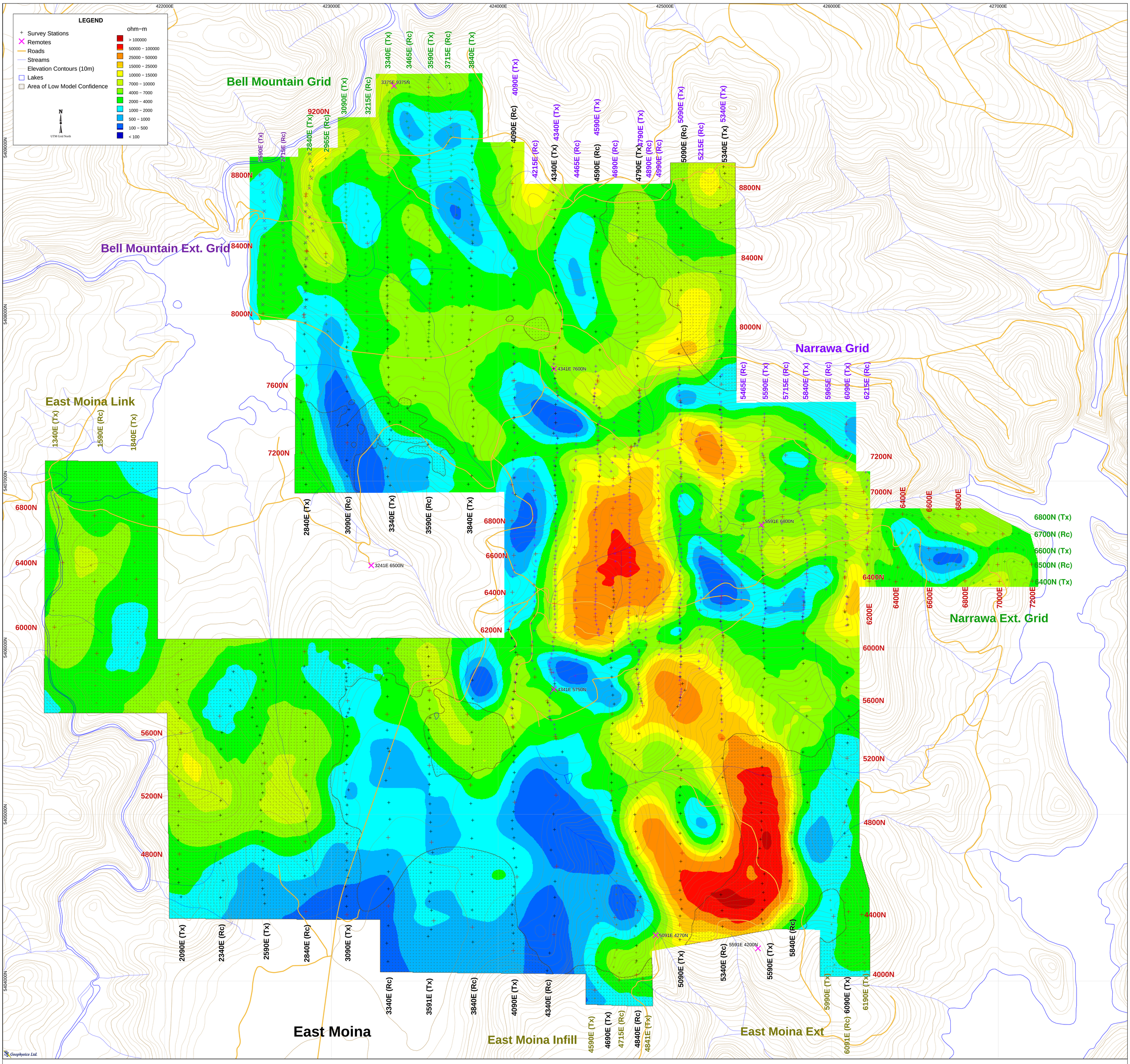
Interpreted Resistivity (ohm−m)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 250m Below Topography

0 200 400 600 800 1000
meters

Frontier Resources Ltd.

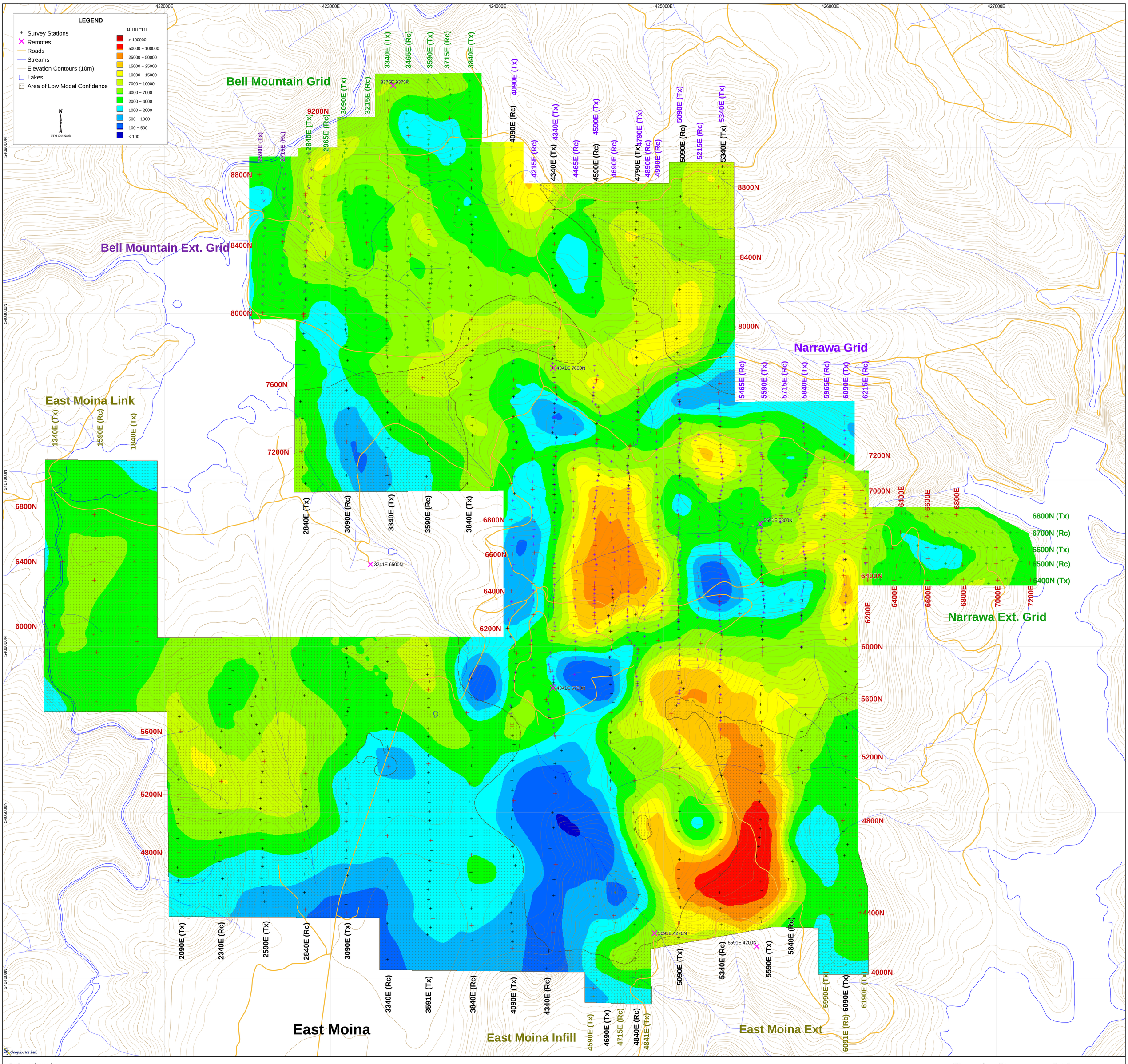
Interpreted Resistivity (ohm−m)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 300m Below Topography

0 200 400 600 800 1000
meters

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

Frontier Resources Ltd.

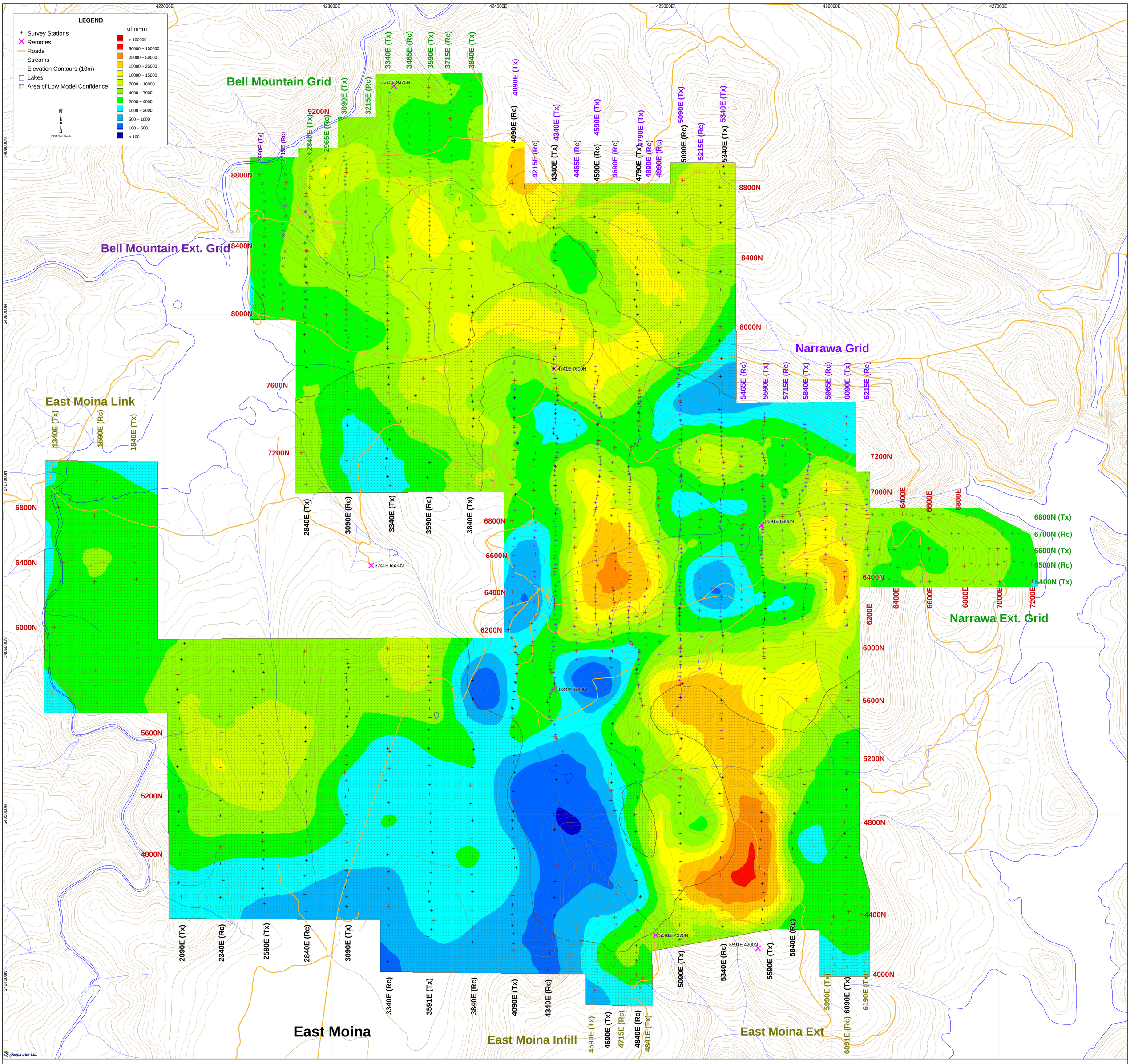
Interpreted Resistivity (ohm−m)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia

Plate R−6



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 350m Below Topography

0 200 400 600 800 1000
meters

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

Frontier Resources Ltd.

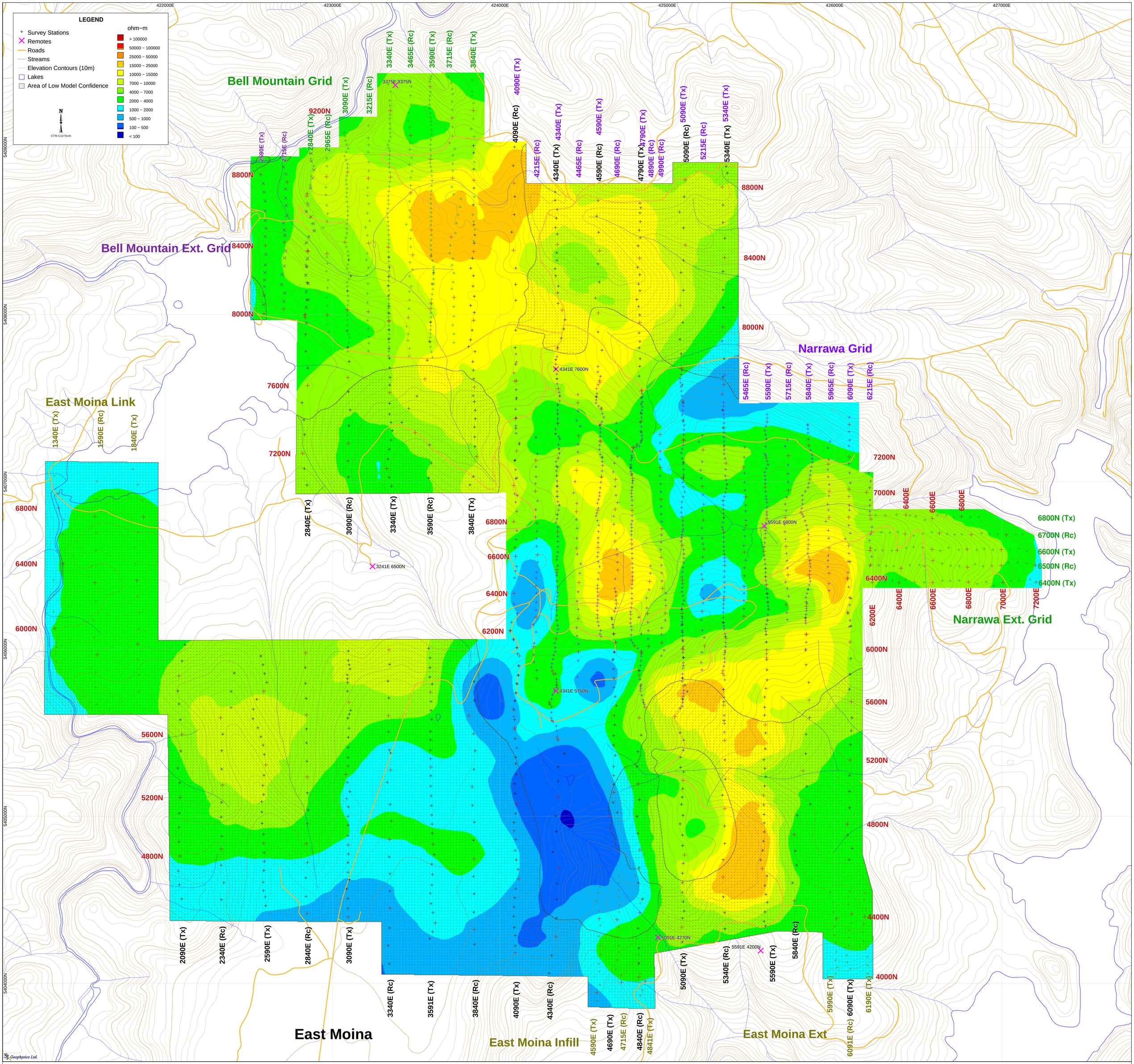
Interpreted Resistivity (ohm−m)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia

Plate R−7



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 400m Below Topography

0 200 400 600 800 1000
meters

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

Frontier Resources Ltd.

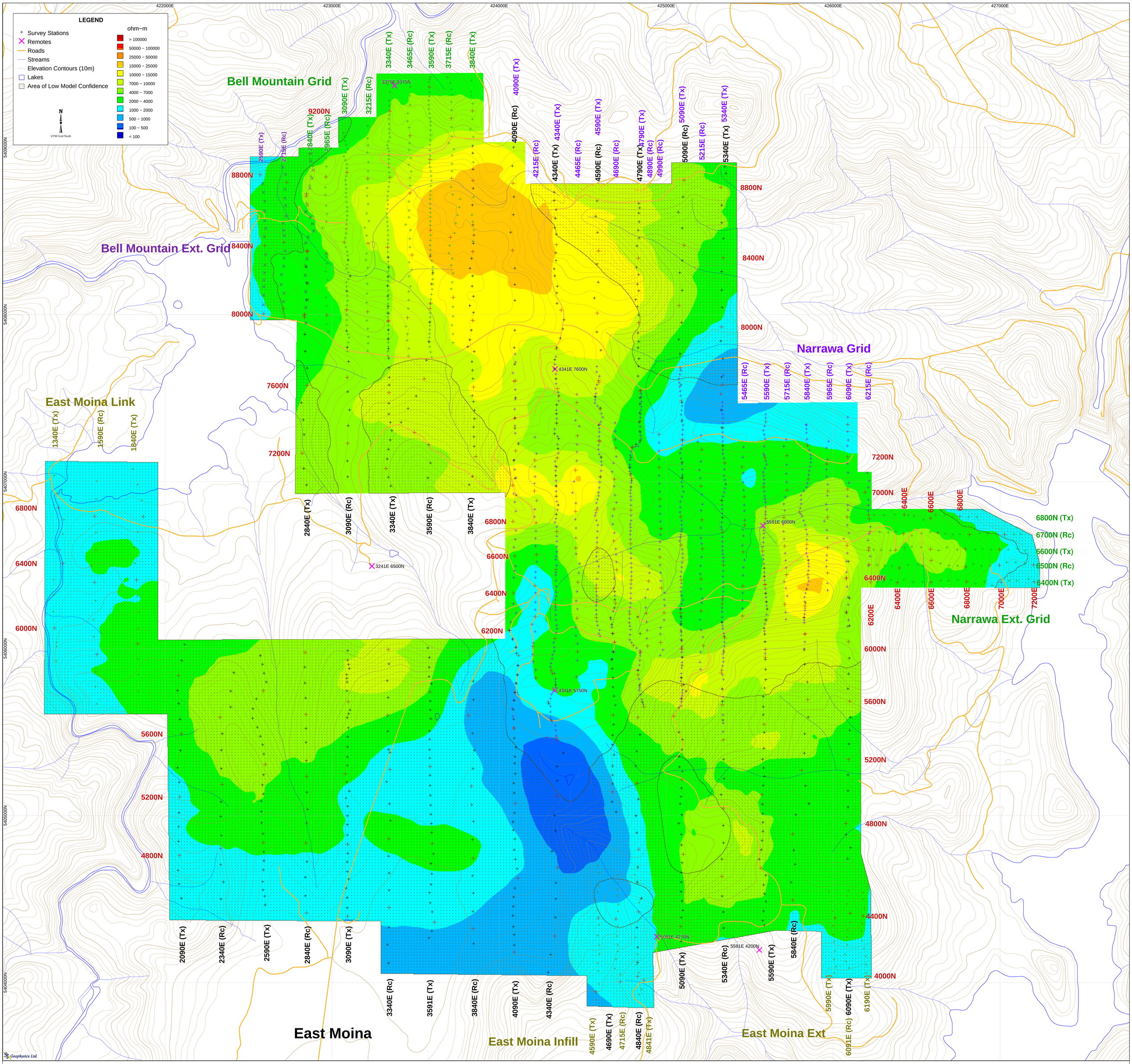
Interpreted Resistivity (ohm−m)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia

Plate R−8



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

Planmap

3D Inversion Model

Depth: 500m Below Topography

Frontier Resources Ltd.

Interpreted Resistivity (ohm−m)

Moina Project

East Moina Regional Model

Moina, Tasmania, Australia

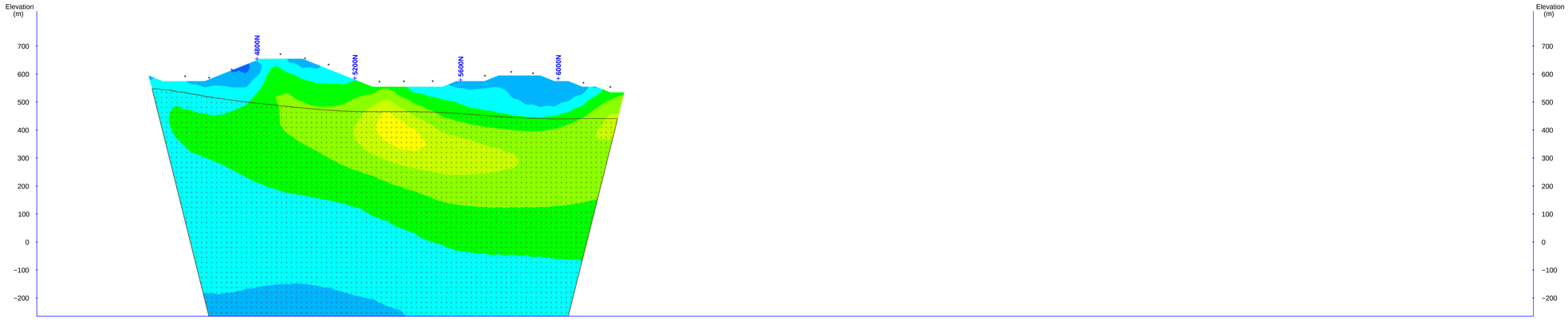
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

ohm−m

- > 100000
- 50000 − 100000
- 25000 − 50000
- 15000 − 25000
- 10000 − 15000
- 7000 − 10000
- 4000 − 7000
- 2000 − 4000
- 1000 − 2000
- 500 − 1000
- 100 − 500
- < 100

+ East Moina Stations

Area of Low Model Confidence



Interpreted Resistivity (ohm−m)

ms

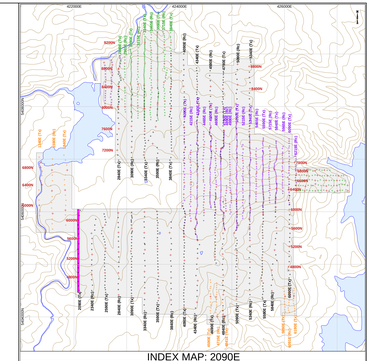
- > 45
- 35 − 45
- 30 − 35
- 25 − 30
- 22 − 25
- 19 − 22
- 16 − 19
- 13 − 16
- 10 − 13
- 7 − 10
- 4 − 7
- < 4

+ East Moina Stations

Area of Low Model Confidence



Interpreted Chargeability (ms)



INDEX MAP: 2090E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

0 100 200 300 400
meters

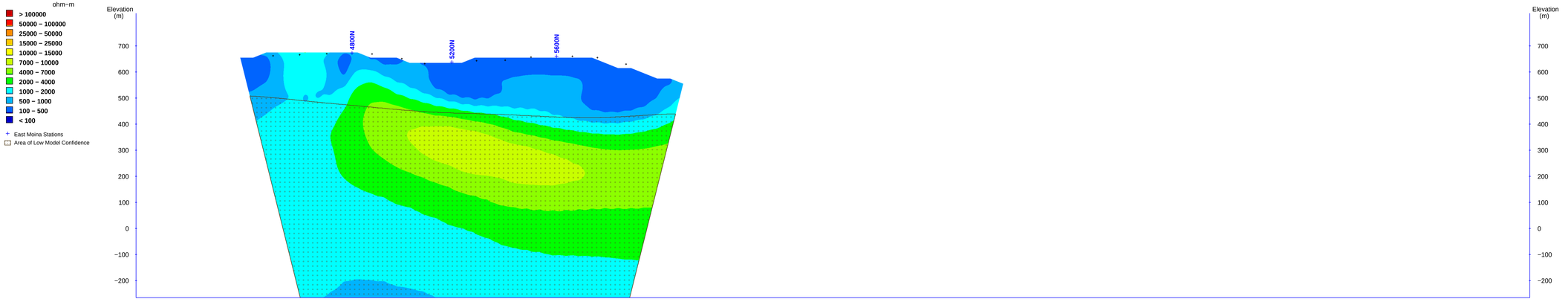
Frontier Resources Ltd.
Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

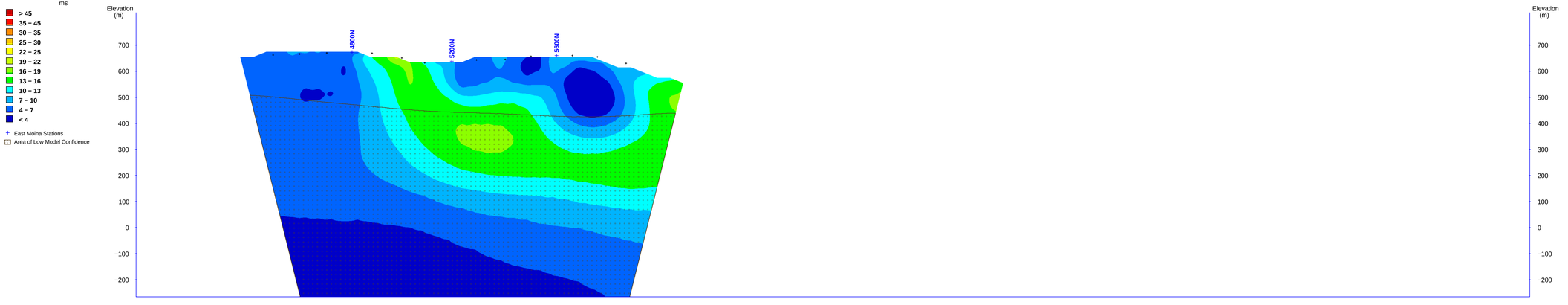
Cross Section Map
Section: 2090E

SJ Geophysics Ltd.

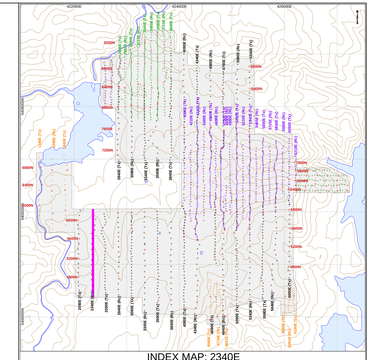
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 2340E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

0 100 200 300 400
meters

Frontier Resources Ltd.
Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 2340E

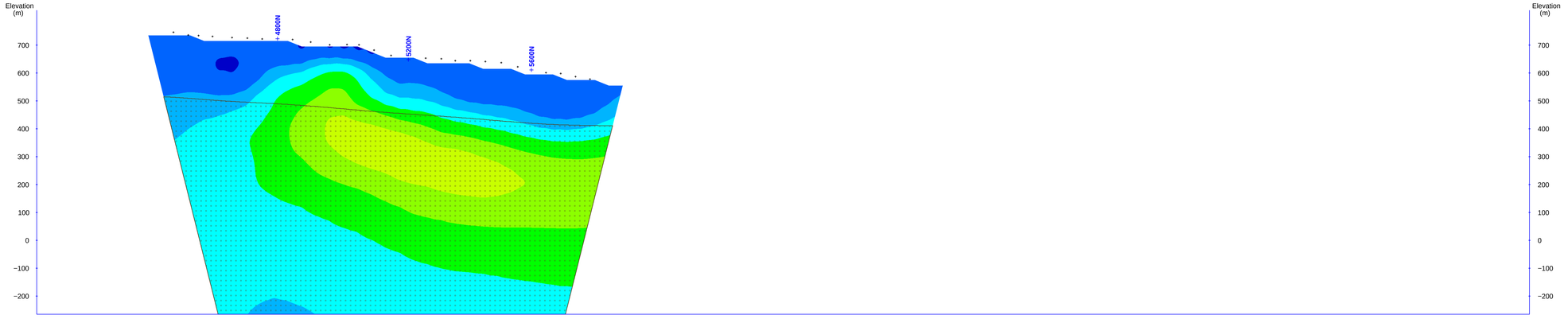
SJ Geophysics Ltd.

ohm−m

- > 100000
- 50000 − 100000
- 25000 − 50000
- 15000 − 25000
- 10000 − 15000
- 7000 − 10000
- 4000 − 7000
- 2000 − 4000
- 1000 − 2000
- 500 − 1000
- 100 − 500
- < 100

\+ East Moina Stations

Area of Low Model Confidence



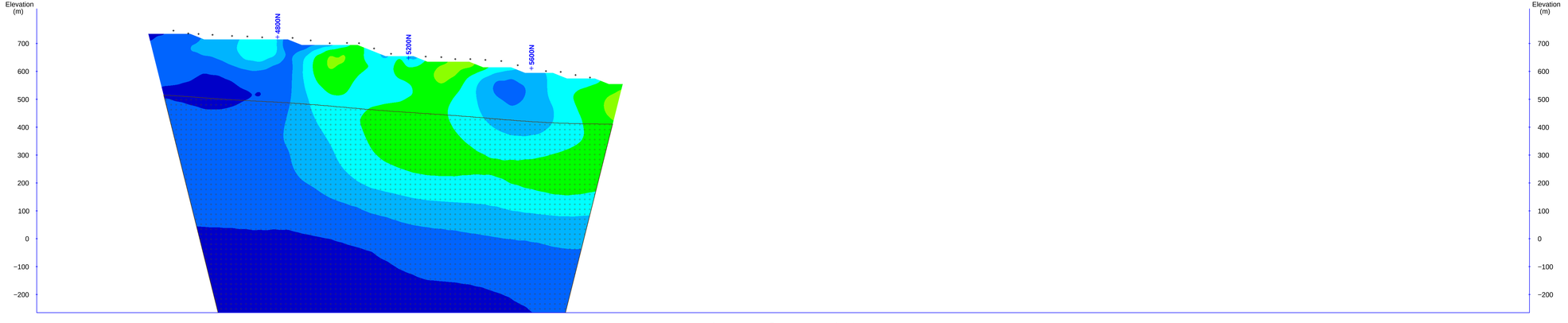
Interpreted Resistivity (ohm−m)

ms

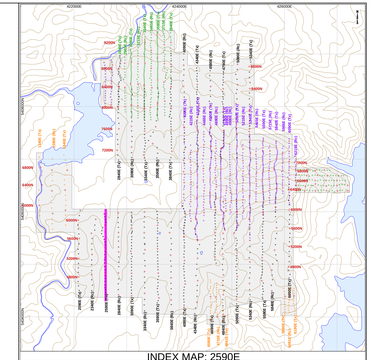
- > 45
- 35 − 45
- 30 − 35
- 25 − 30
- 22 − 25
- 19 − 22
- 16 − 19
- 13 − 16
- 10 − 13
- 7 − 10
- 4 − 7
- < 4

\+ East Moina Stations

Area of Low Model Confidence



Interpreted Chargeability (ms)



INDEX MAP: 2590E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

0 100 200 300 400
meters

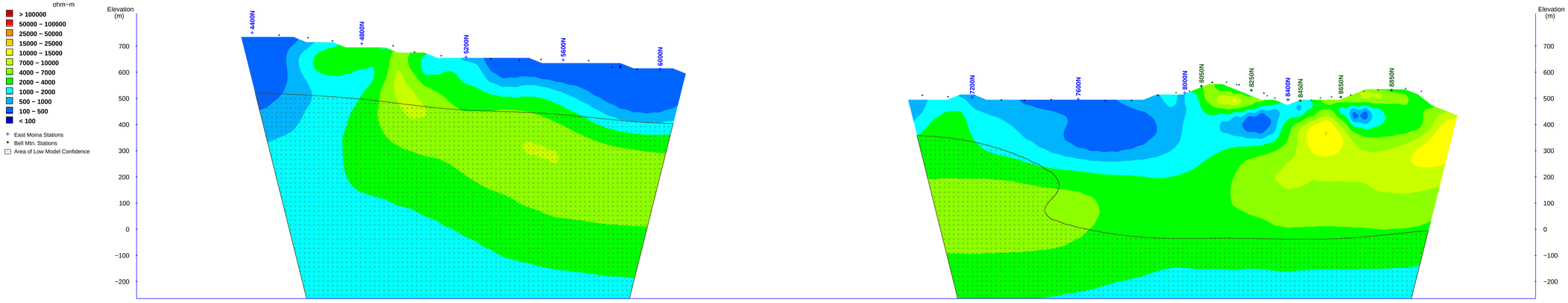
Frontier Resources Ltd.
Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

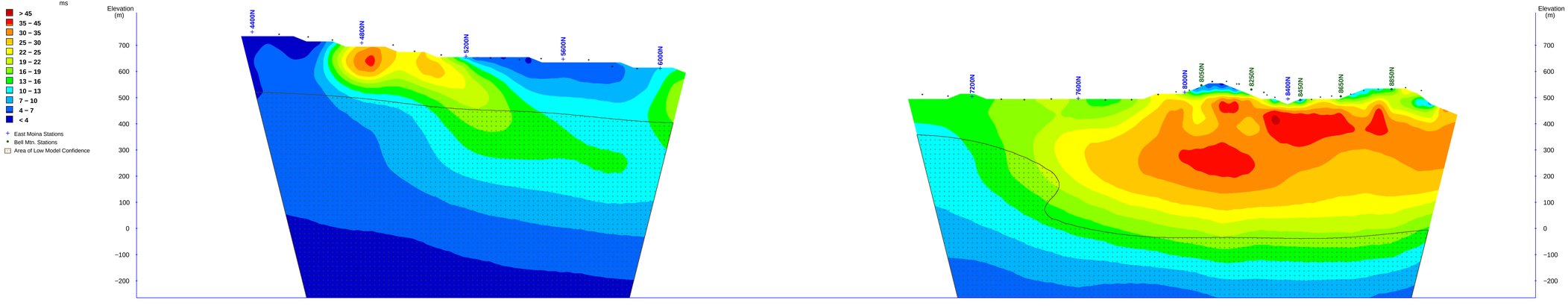
Cross Section Map
Section: 2590E

SJ Geophysics Ltd.

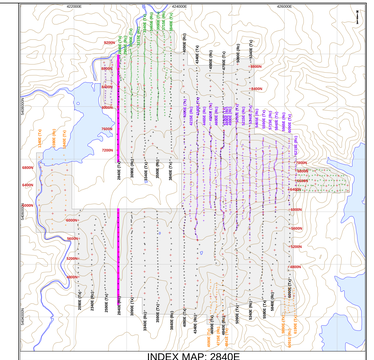
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 2840E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

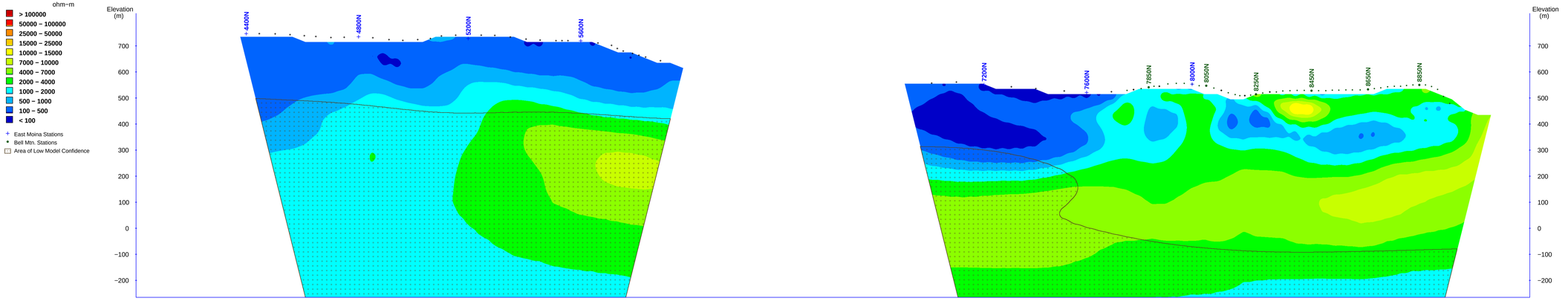
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meters

Frontier Resources Ltd.
Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

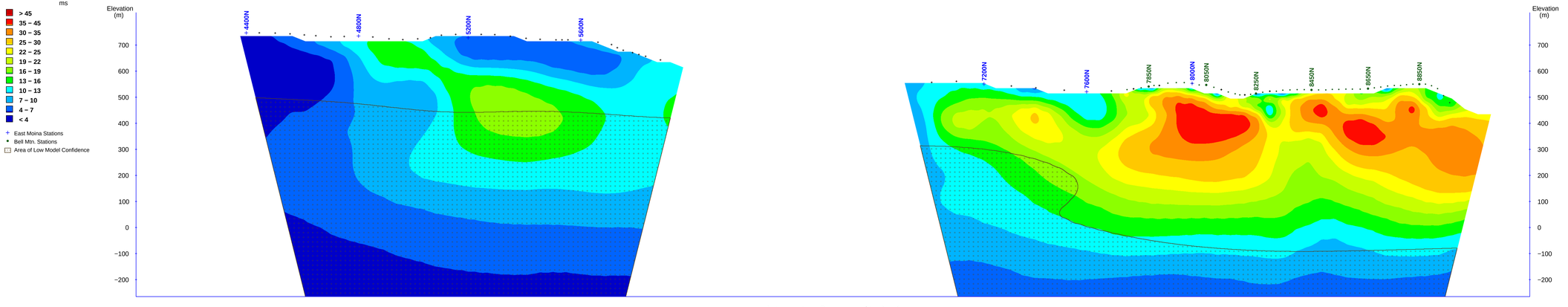
3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 2840E

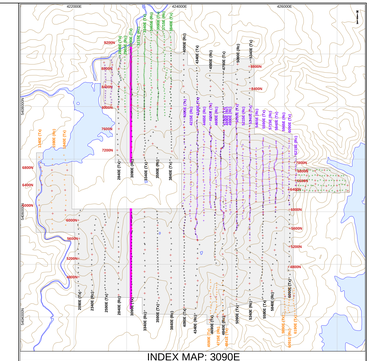
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 3090E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

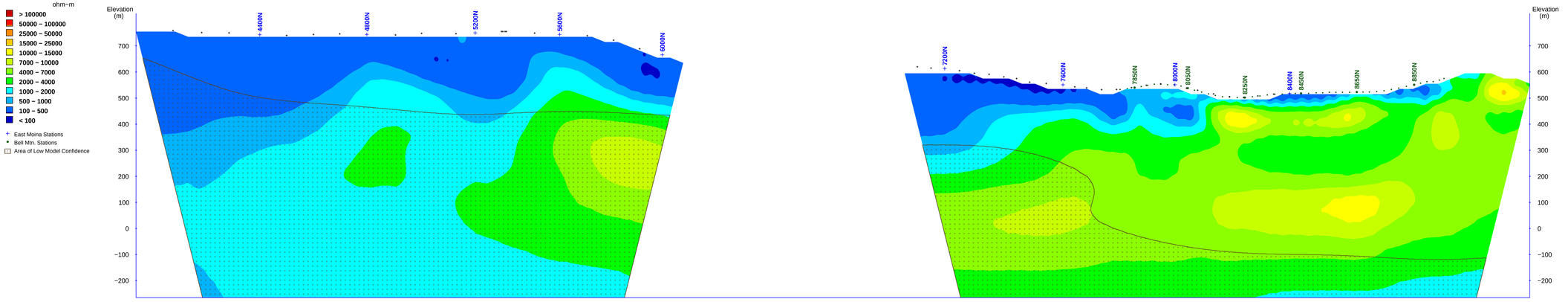
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meters

Frontier Resources Ltd.
Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

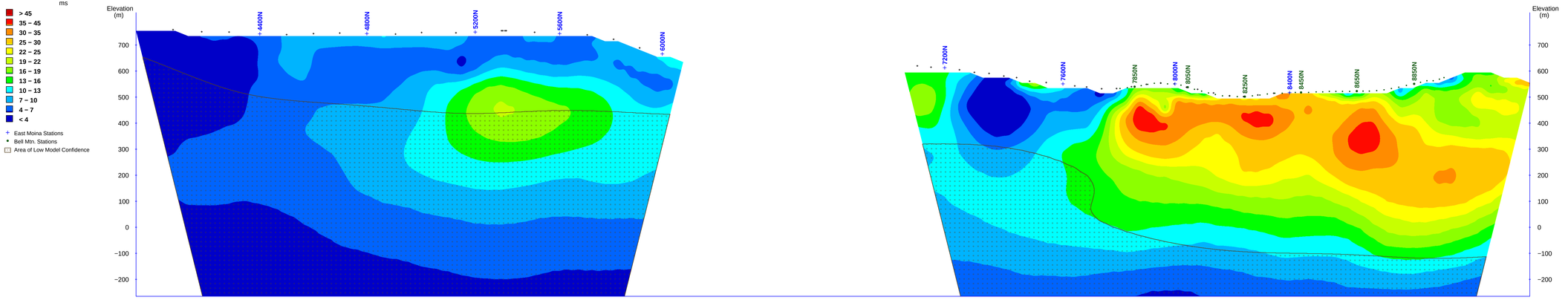
3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 3090E

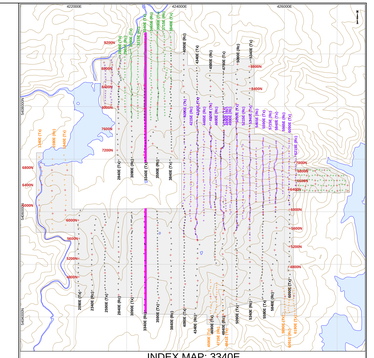
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 3340E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

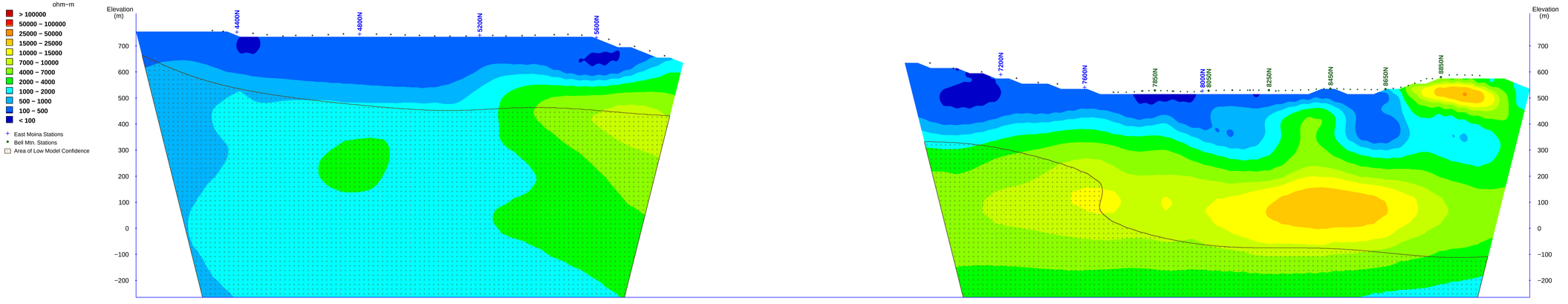
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Frontier Resources Ltd.
Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

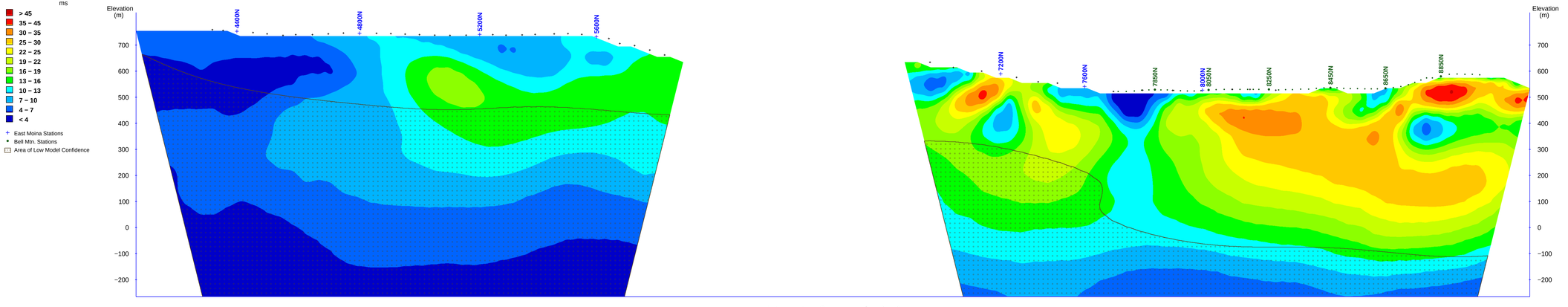
3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 3340E

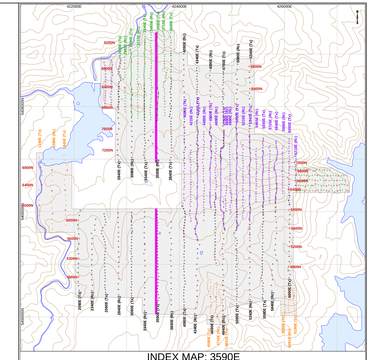
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 3590E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

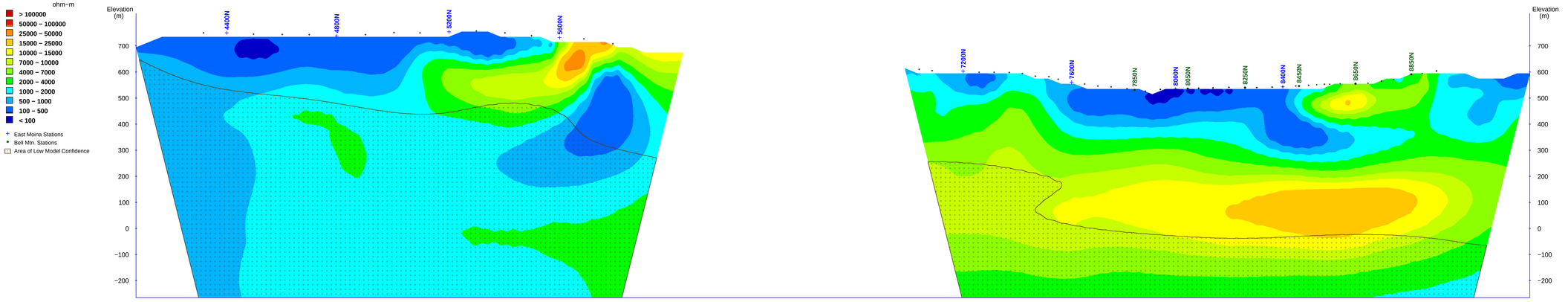
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meters

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Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

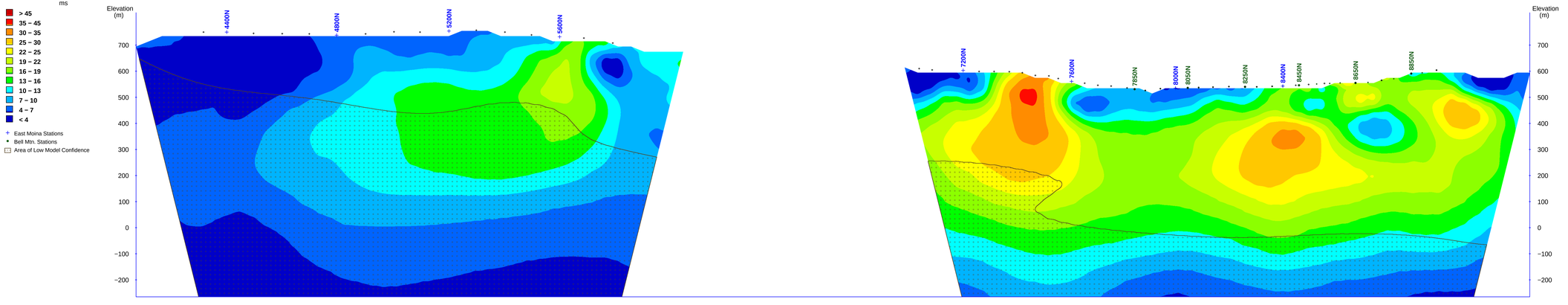
3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 3590E

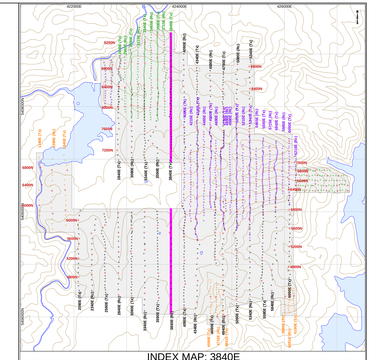
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 3840E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

0 100 200 300 400
meters

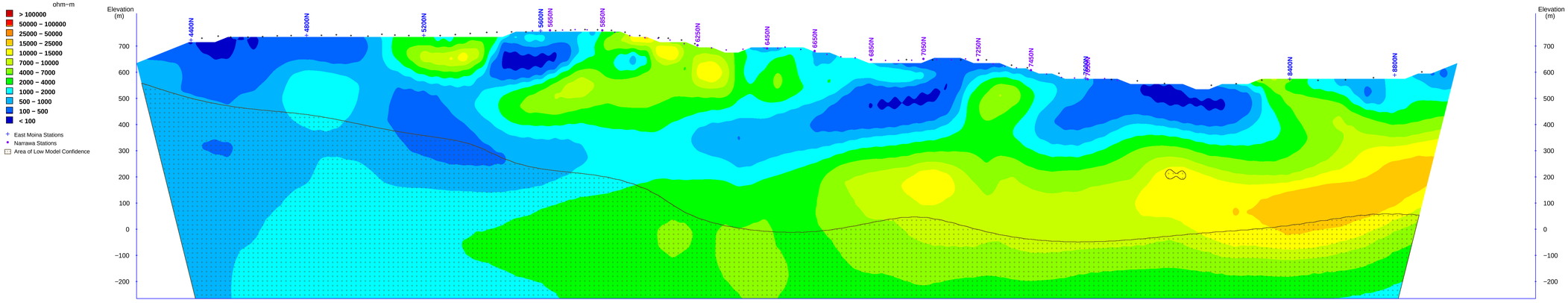
Frontier Resources Ltd.
Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

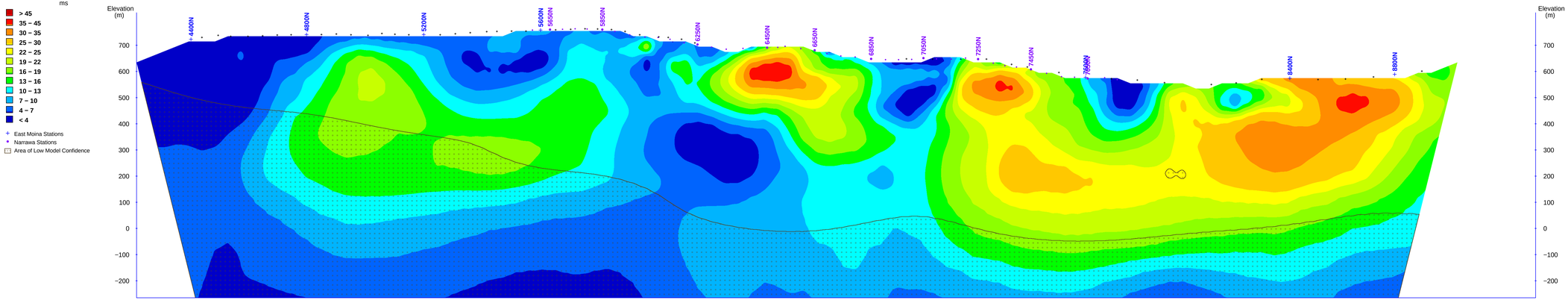
Cross Section Map
Section: 3840E

SJ Geophysics Ltd.

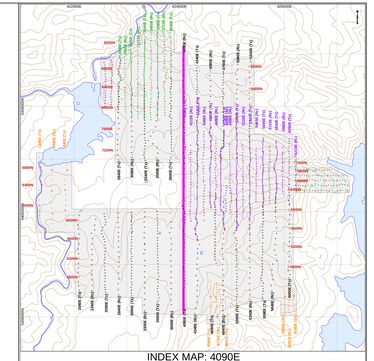
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 4090E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

0 100 200 300 400
meters

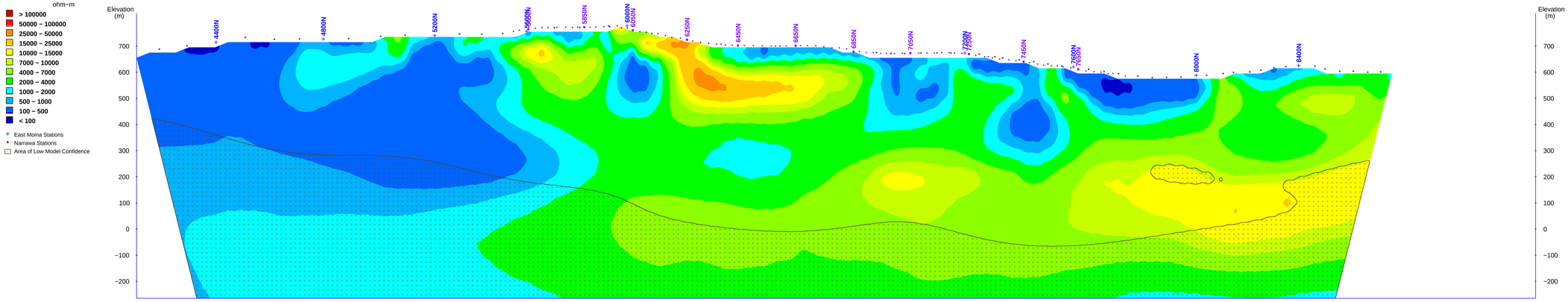
Frontier Resources Ltd.
Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

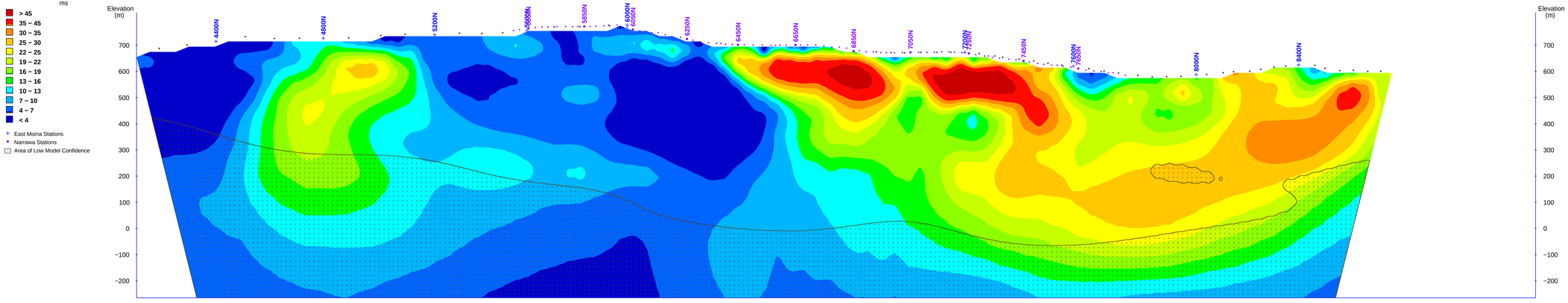
Cross Section Map
Section: 4090E

SJ Geophysics Ltd.

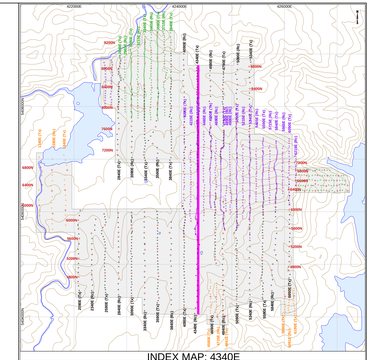
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 4340E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

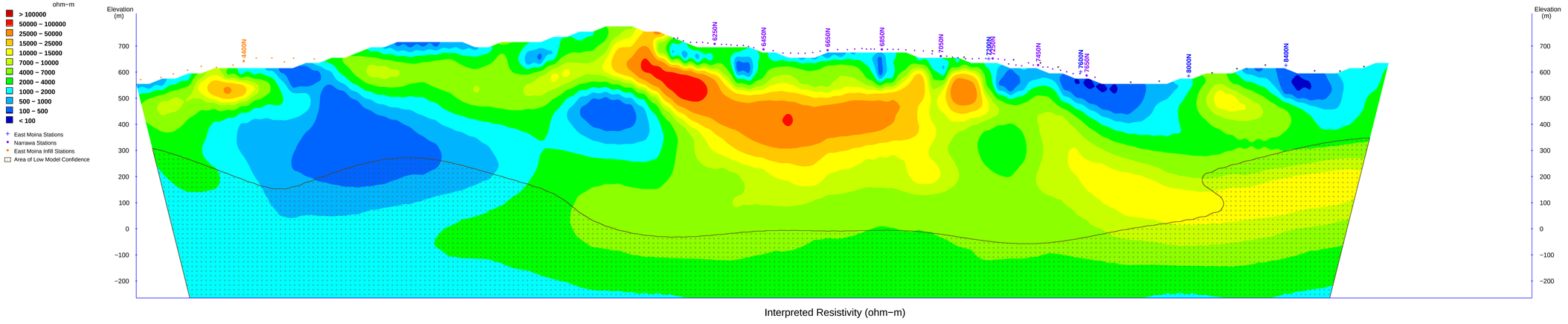
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meters

Frontier Resources Ltd.
Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

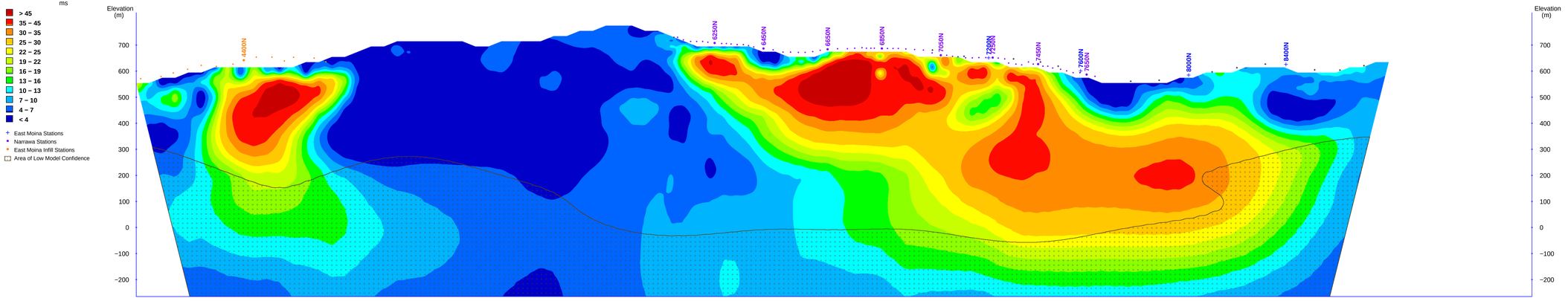
3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 4340E

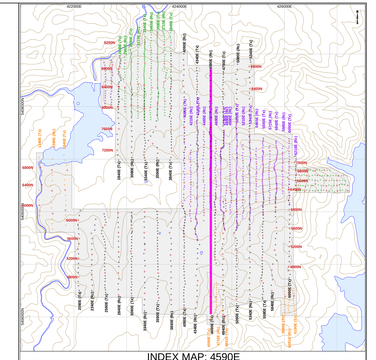
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 4590E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

0 100 200 300 400
meters

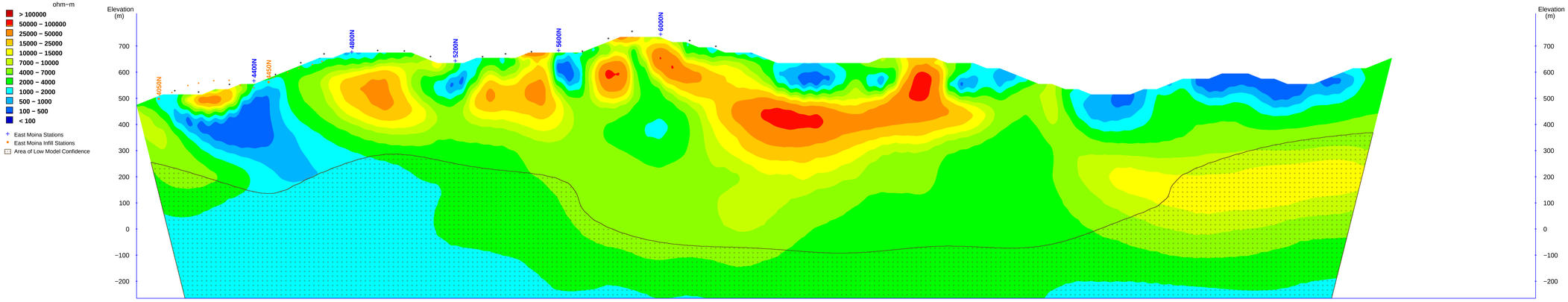
Frontier Resources Ltd.
Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

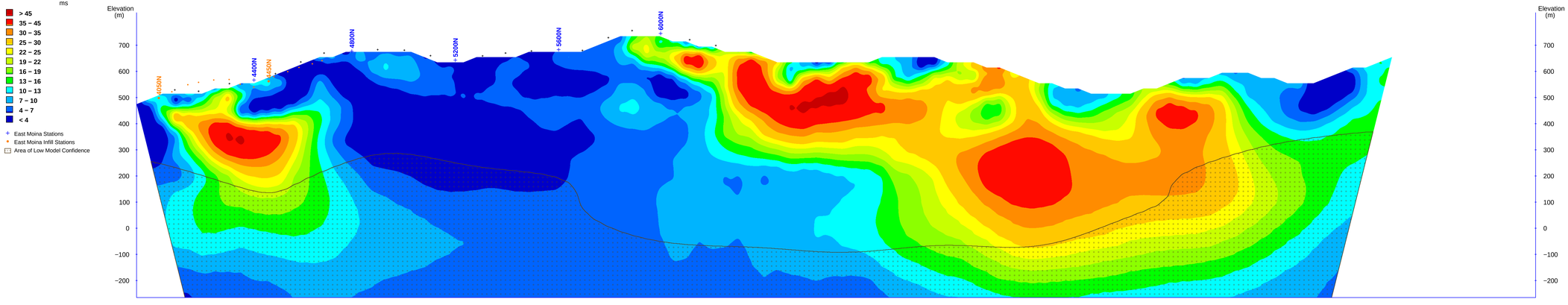
Cross Section Map
Section: 4590E

SJ Geophysics Ltd.

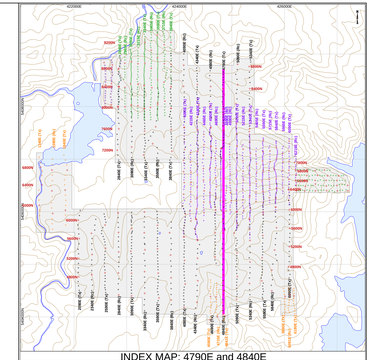
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 4790E and 4840E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

0 100 200 300 400
meters

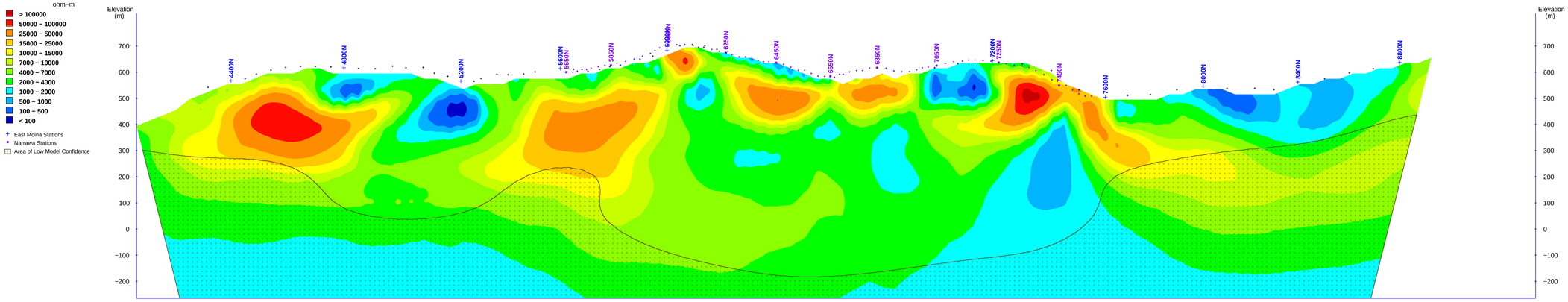
Frontier Resources Ltd.
Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

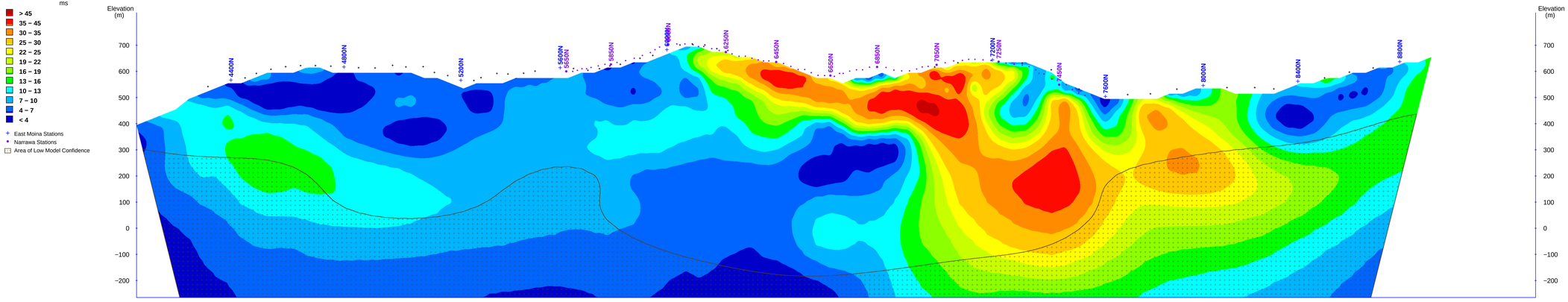
Cross Section Map
Section: 4840E

SJ Geophysics Ltd.

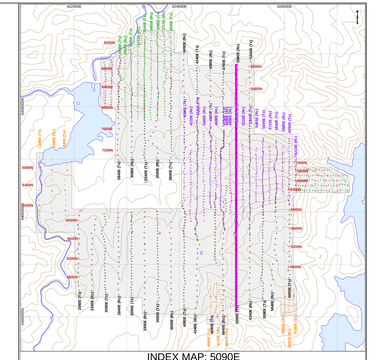
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 5090E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

0 100 200 300 400
meters

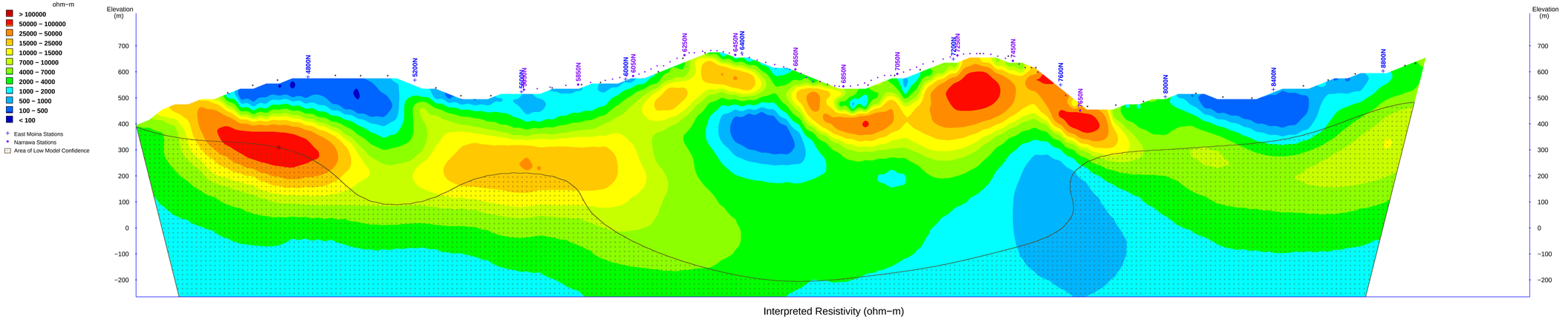
Frontier Resources Ltd.
Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

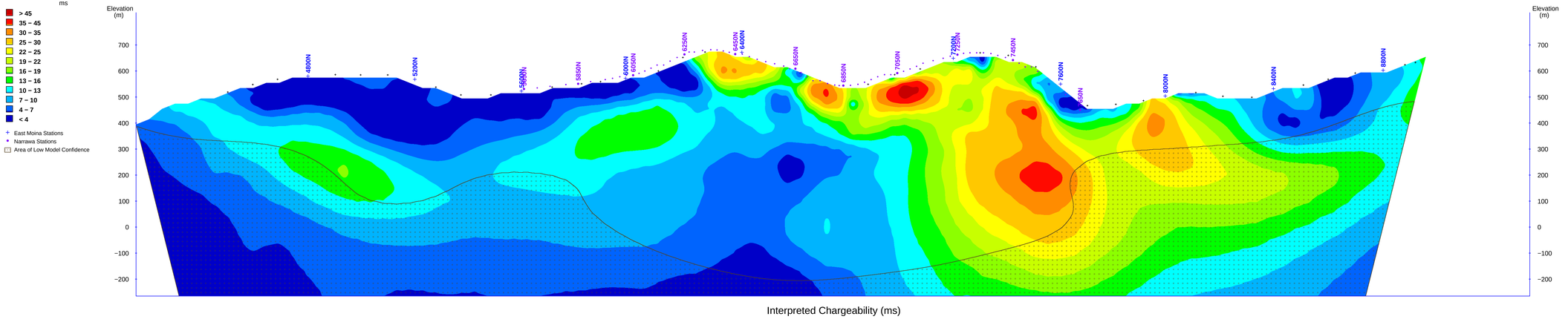
Cross Section Map
Section: 5090E

SJ Geophysics Ltd.

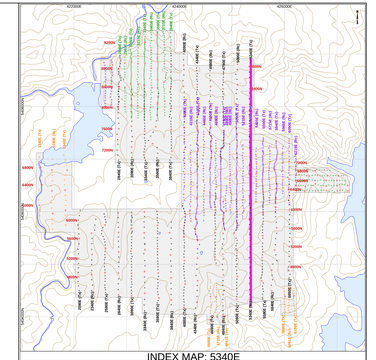
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 5340E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

0 100 200 300 400
meters

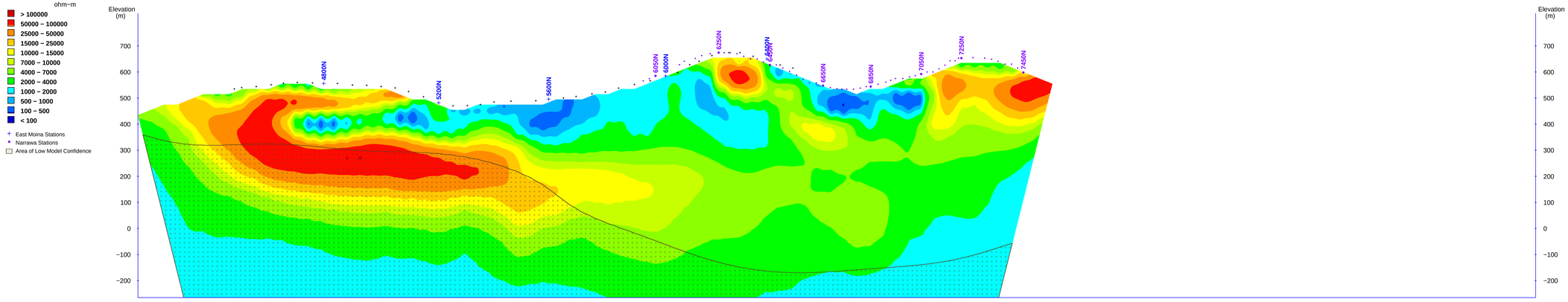
Frontier Resources Ltd.
Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

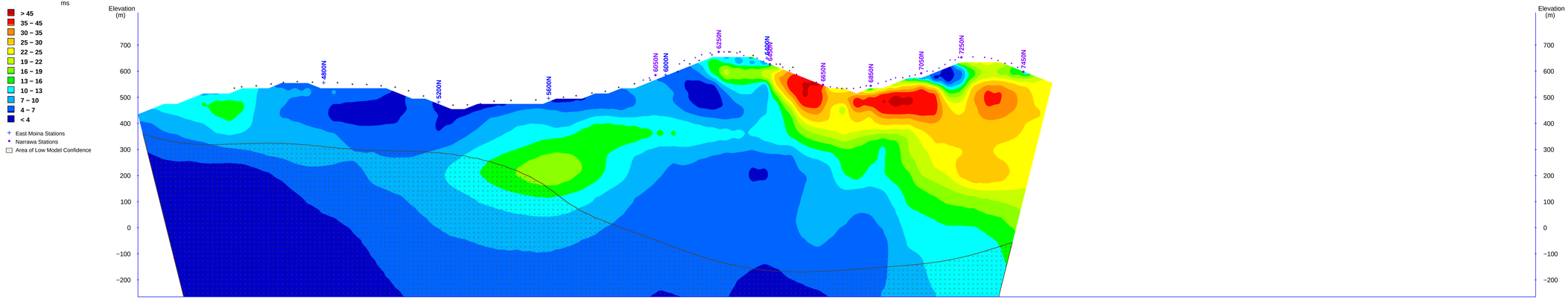
Cross Section Map
Section: 5340E

SJ Geophysics Ltd.

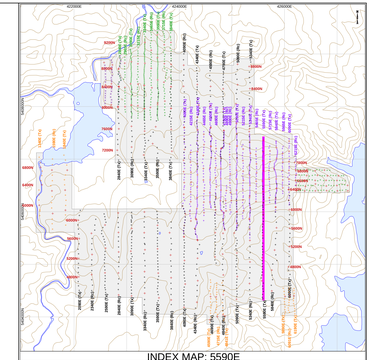
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 5590E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

0 100 200 300 400
meters

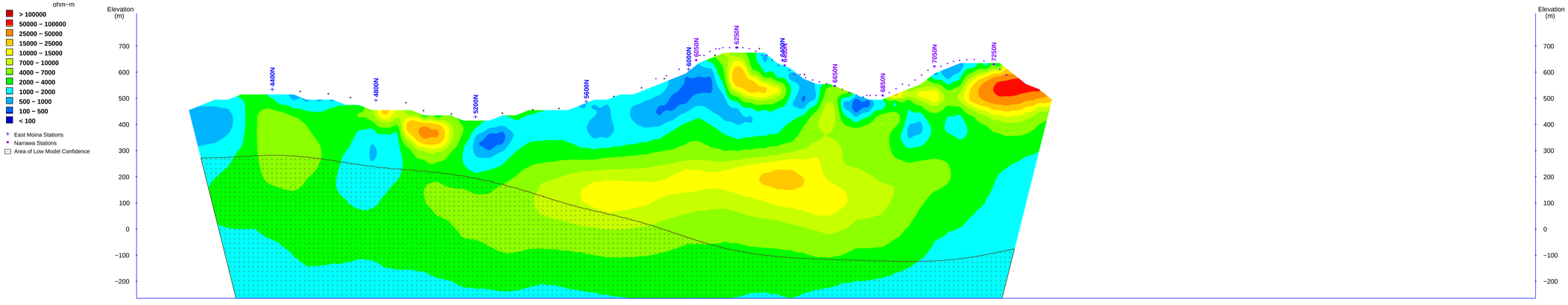
Frontier Resources Ltd.
Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

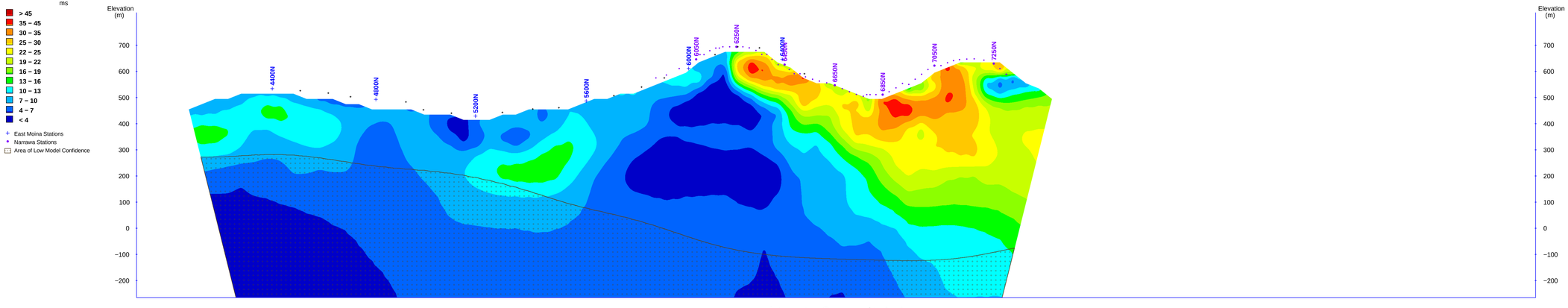
Cross Section Map
Section: 5590E

SJ Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



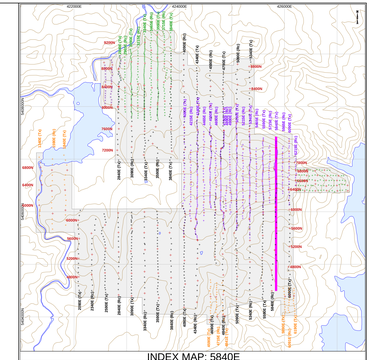
Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)

Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



INDEX MAP: 5840E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

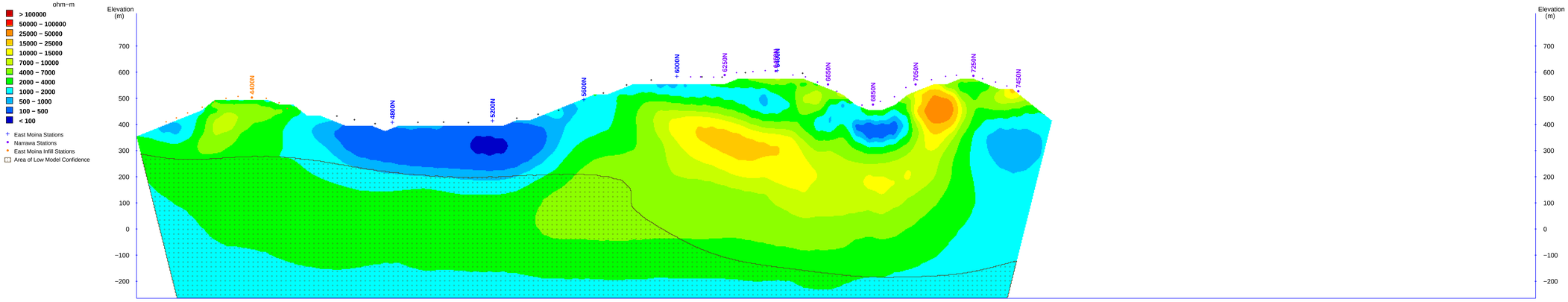
Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

0 100 200 300 400
meters

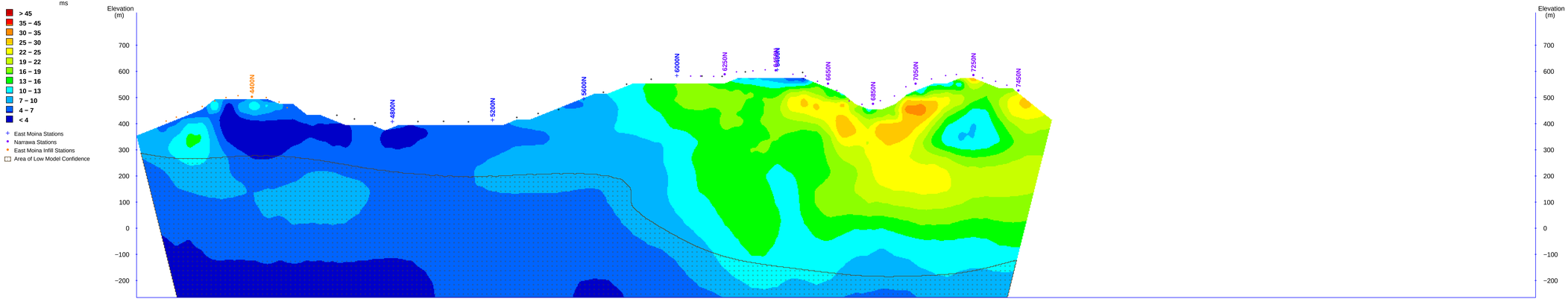
Frontier Resources Ltd.
Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

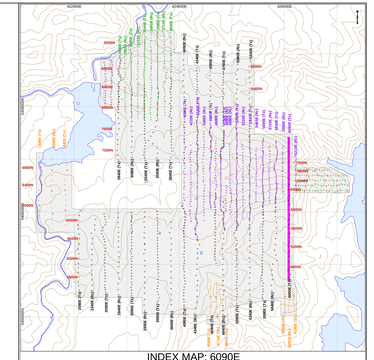
Cross Section Map
Section: 5840E



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 6090E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date:Oct. 19 − Dec. 19, 2011 & Jan. 15 − Feb. 02, 2012

Instrumentation:
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 23−Feb−2012

0 100 200 300 400
meters

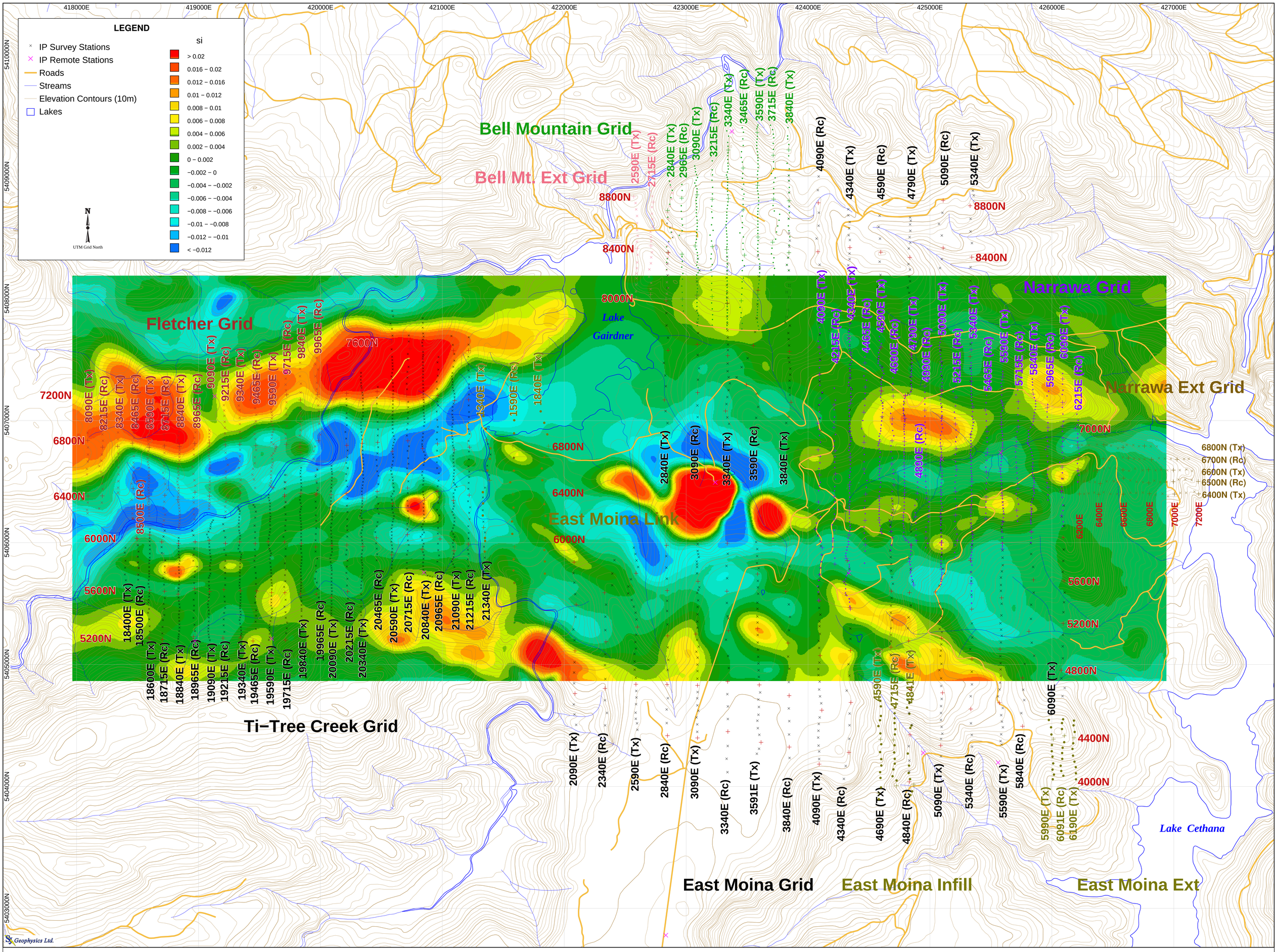
Frontier Resources Ltd.
Moina Project
East Moina Regional Model
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Resistivity & Chargeability

Cross Section Map
Section: 6090E

SJ Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Magnetic Survey by: UTS Geophysics
Magnetic Survey Date: 1996
3D Magnetic Inversion by: S.J.V. Consultants Ltd.

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

Planmap

3D Magnetic Inversion Model

Depth: 100m Below Topography

0 500 1000 1500 2000 2500

meters

Frontier Resources Ltd.

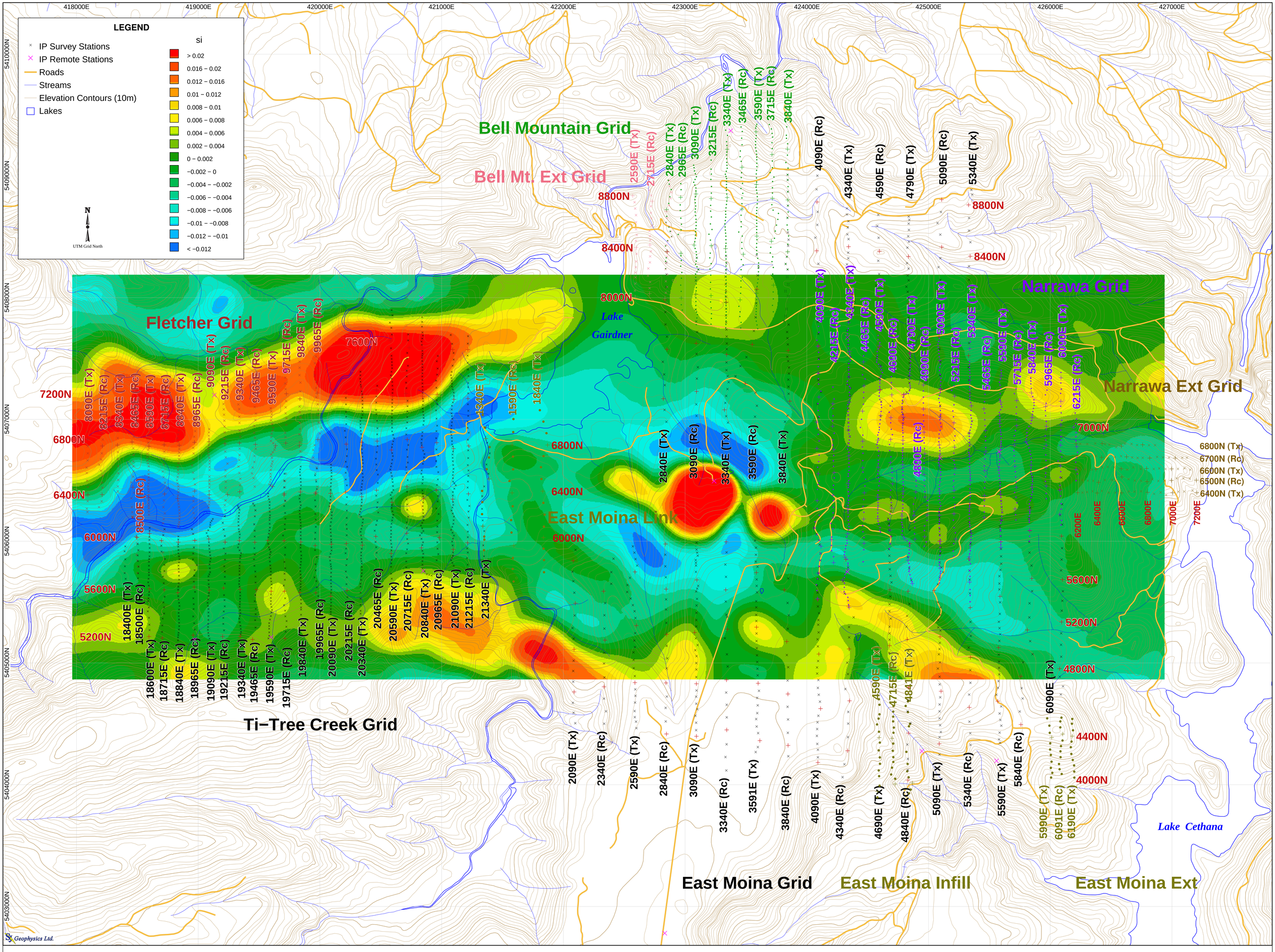
Magnetic Susceptibility (SI)

Moina Project

Airborne Magnetic Survey

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Magnetic Survey by: UTS Geophysics
Magnetic Survey Date: 1996
3D Magnetic Inversion by: S.J.V. Consultants Ltd.

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

Planmap

3D Magnetic Inversion Model

Depth: 200m Below Topography

0 500 1000 1500 2000 2500
meters

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

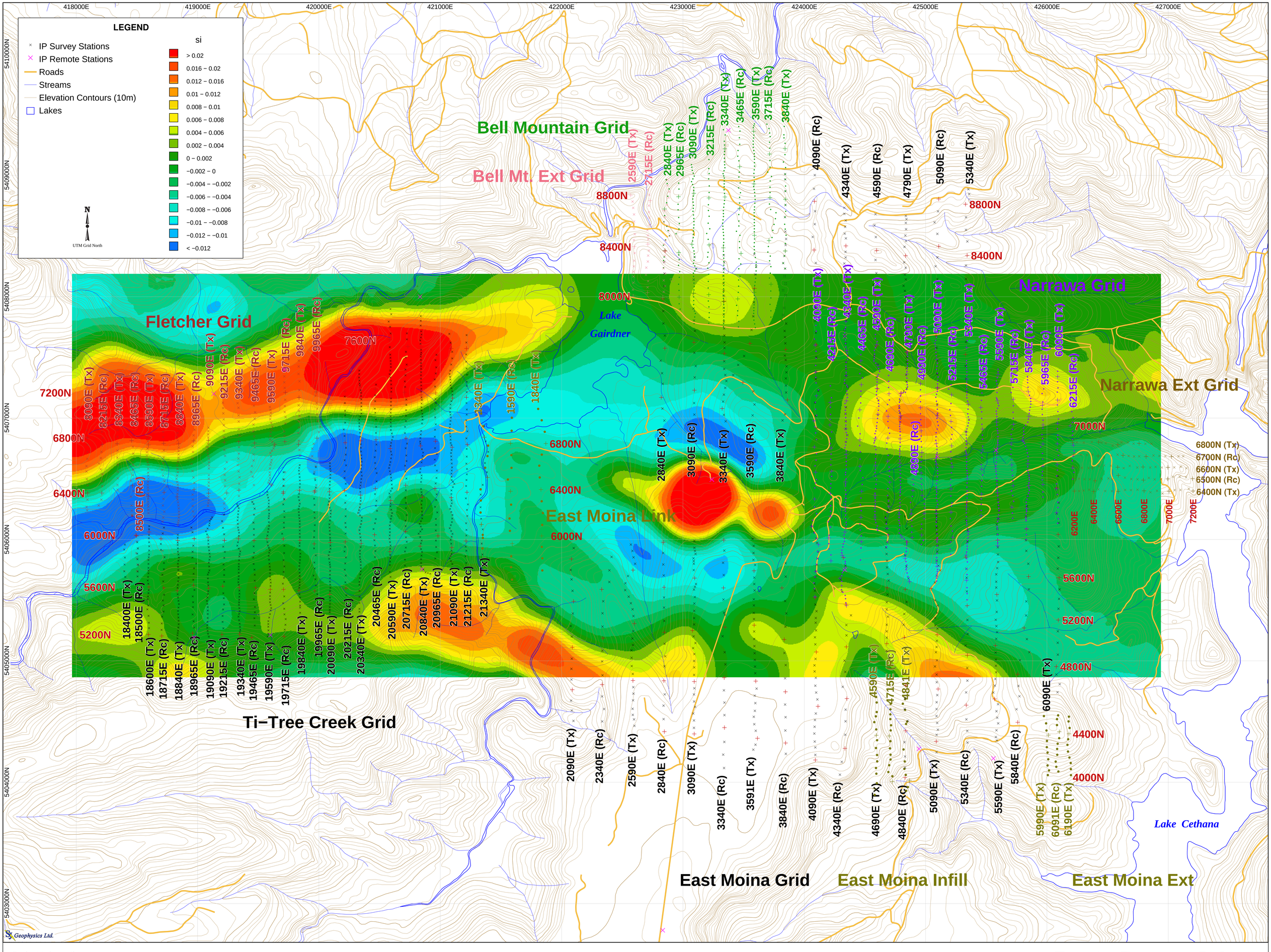
Frontier Resources Ltd.

Magnetic Susceptibility (SI)

Moina Project

Airborne Magnetic Survey

Moina, Tasmania, Australia



Project Information:
Magnetic Survey by: UTS Geophysics
Magnetic Survey Date: 1996
3D Magnetic Inversion by: S.J.V. Consultants Ltd.

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

Planmap

3D Magnetic Inversion Model

Depth: 300m Below Topography

0 500 1000 1500 2000 2500
meters

Frontier Resources Ltd.

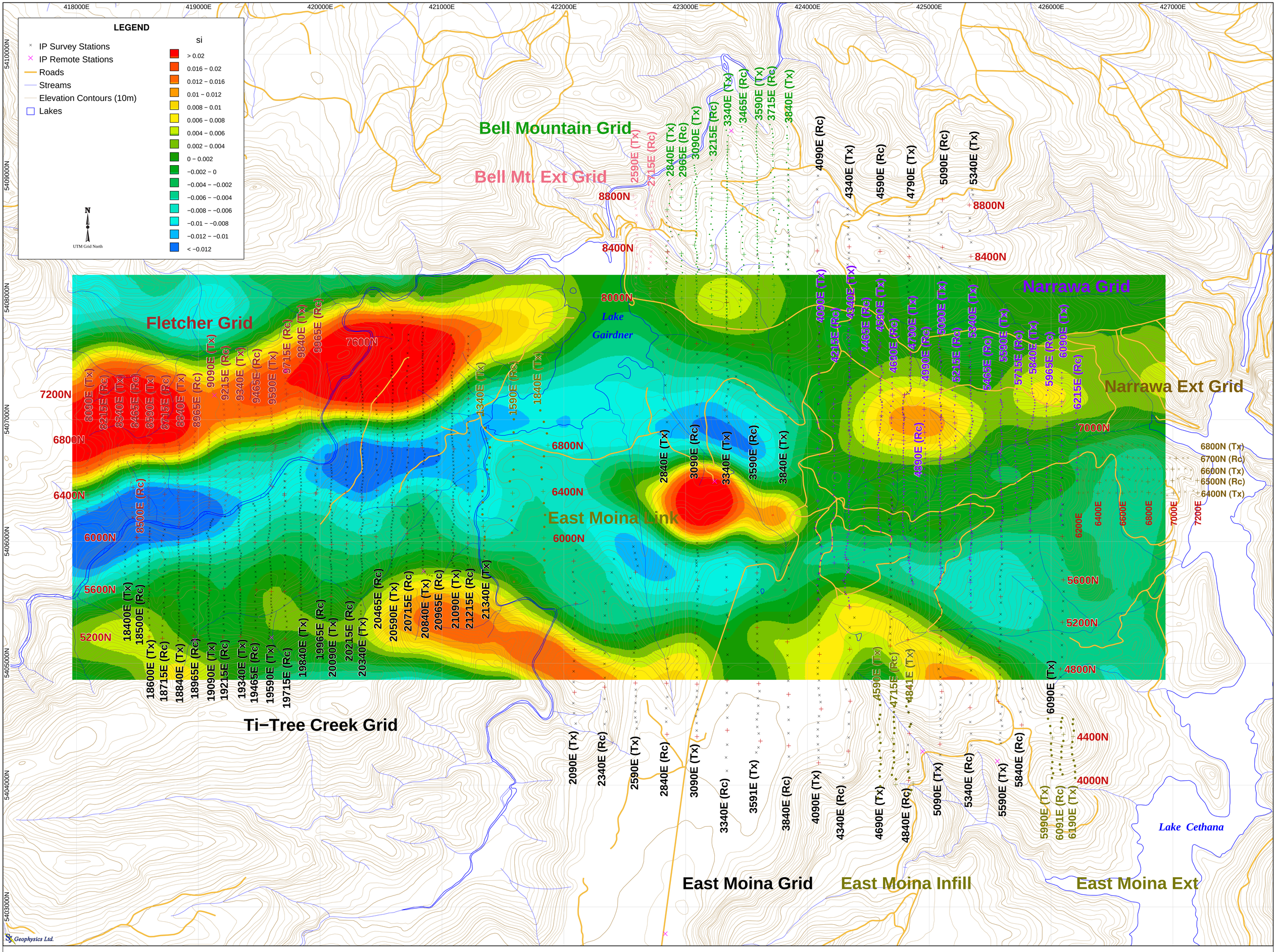
Magnetic Susceptibility (SI)

Moina Project

Airborne Magnetic Survey

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Magnetic Survey by: UTS Geophysics
Magnetic Survey Date: 1996
3D Magnetic Inversion by: S.J.V. Consultants Ltd.

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

Planmap

3D Magnetic Inversion Model

Depth: 400m Below Topography

0 500 1000 1500 2000 2500
meters

Frontier Resources Ltd.

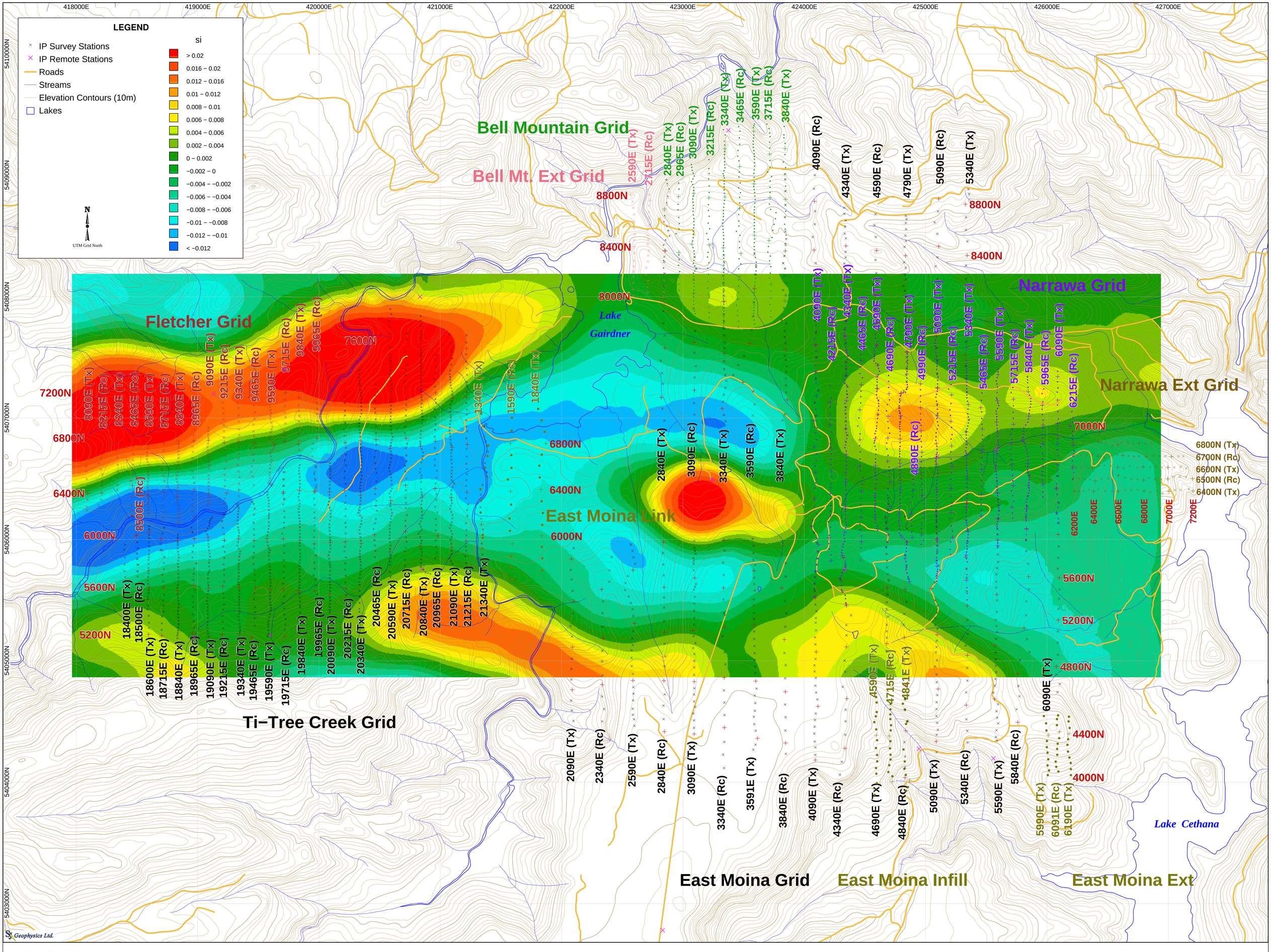
Magnetic Susceptibility (SI)

Moina Project

Airborne Magnetic Survey

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Magnetic Survey by: UTS Geophysics
Magnetic Survey Date: 1996
3D Magnetic Inversion by: S.J.V. Consultants Ltd.

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

Planmap

3D Magnetic Inversion Model

Depth: 500m Below Topography

0 500 1000 1500 2000 2500
meters

Frontier Resources Ltd.

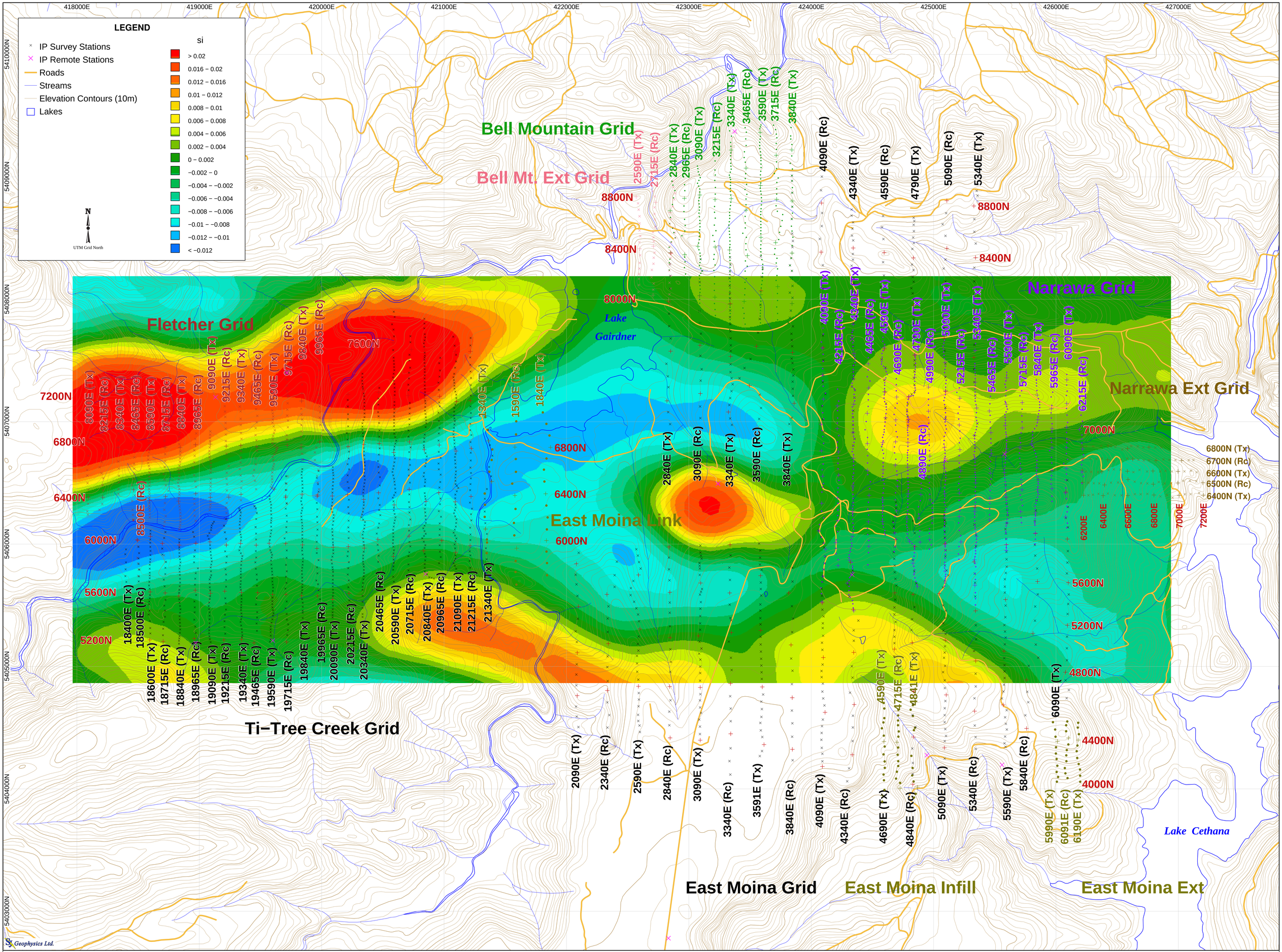
Magnetic Susceptibility (SI)

Moina Project

Airborne Magnetic Survey

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Magnetic Survey by: UTS Geophysics
Magnetic Survey Date: 1996
3D Magnetic Inversion by: S.J.V. Consultants Ltd.

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

Planmap

3D Magnetic Inversion Model

Depth: 600m Below Topography

0 500 1000 1500 2000 2500
meters

Frontier Resources Ltd.

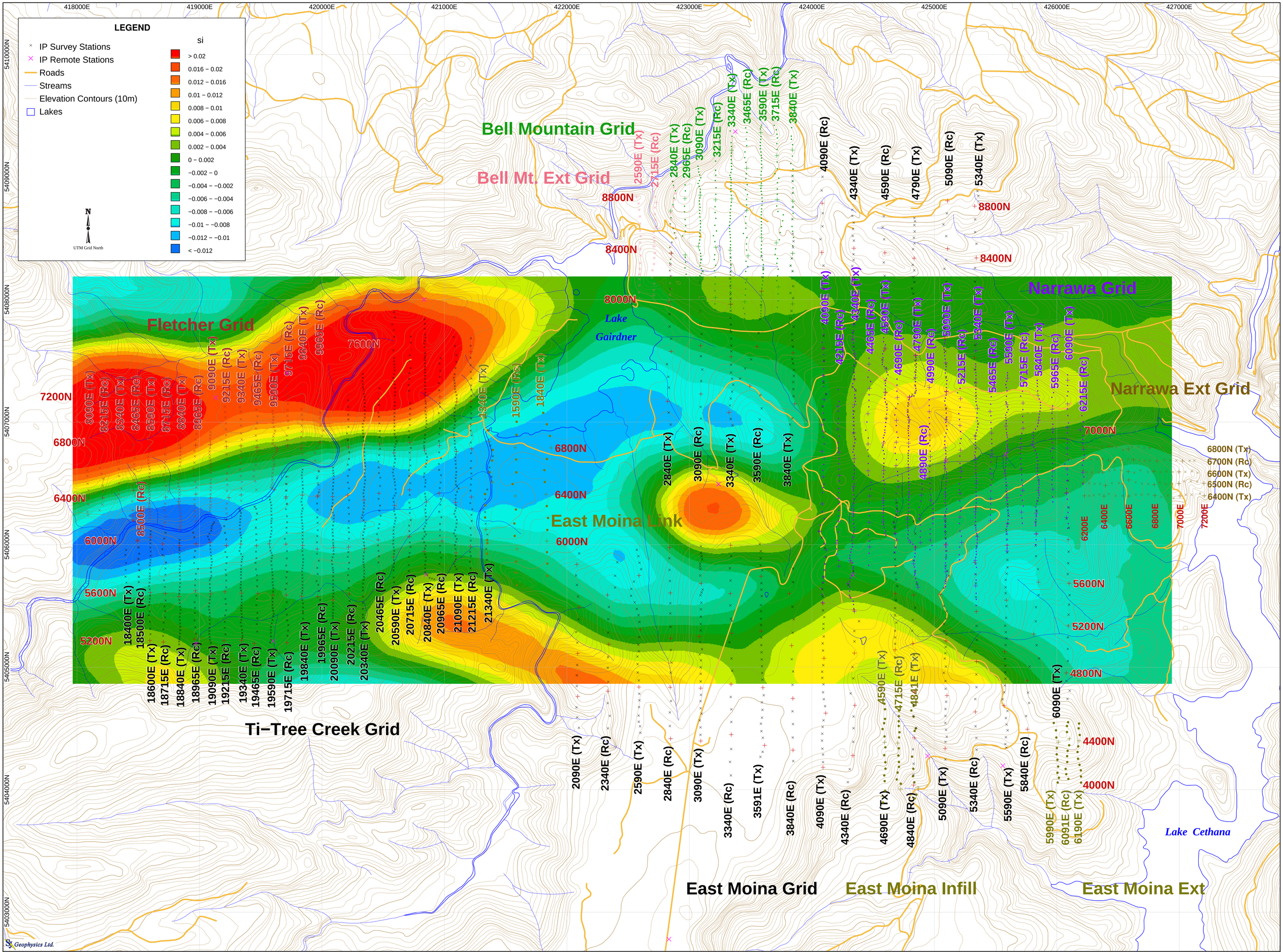
Magnetic Susceptibility (SI)

Moina Project

Airborne Magnetic Survey

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Magnetic Survey by: UTS Geophysics
Magnetic Survey Date: 1996
3D Magnetic Inversion by: S.J.V. Consultants Ltd.

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

Planmap

3D Magnetic Inversion Model

Depth: 700m Below Topography

0 500 1000 1500 2000 2500
meters

Frontier Resources Ltd.

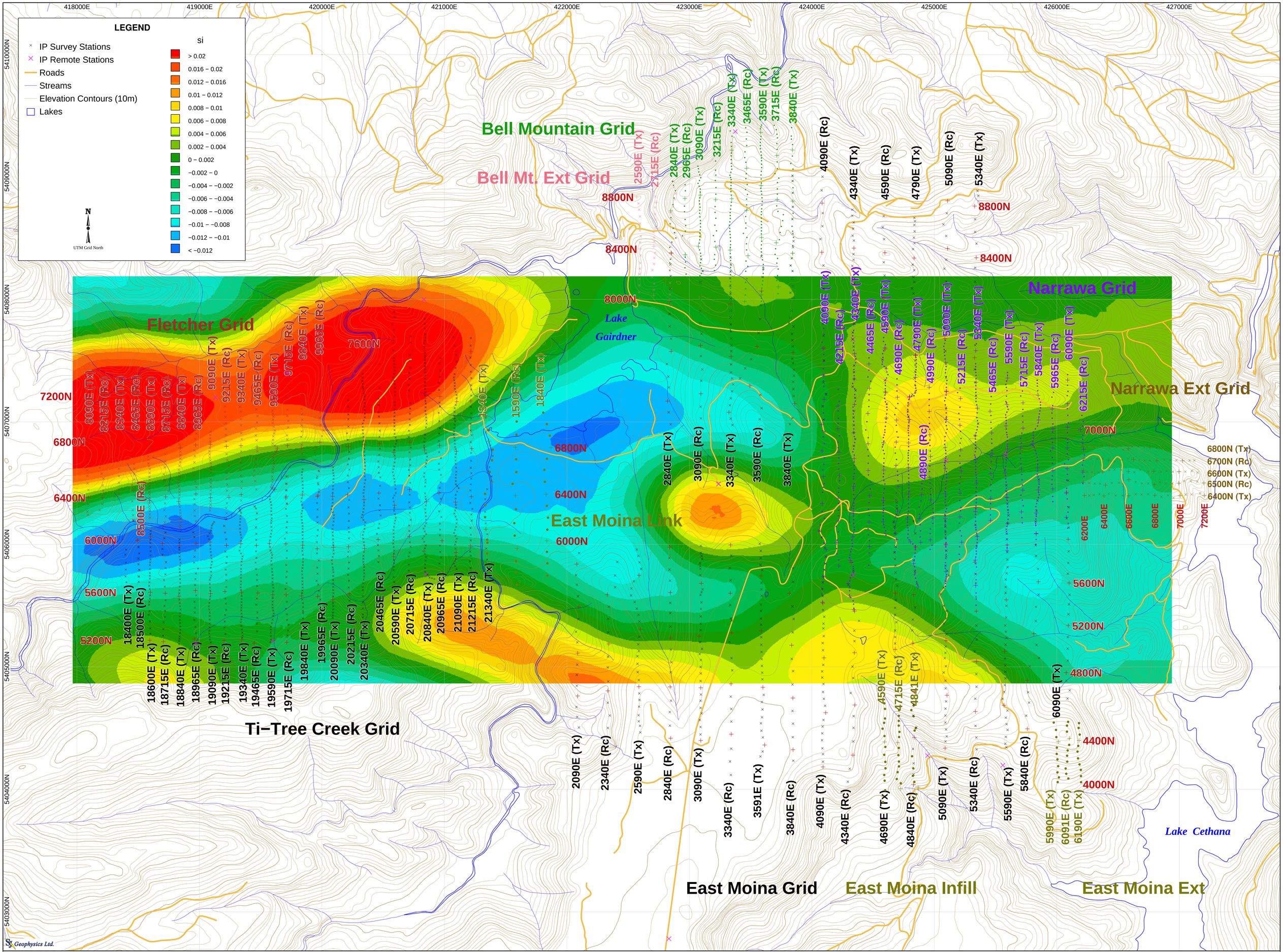
Magnetic Susceptibility (SI)

Moina Project

Airborne Magnetic Survey

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Magnetic Survey by: UTS Geophysics
Magnetic Survey Date: 1996
3D Magnetic Inversion by: S.J.V. Consultants Ltd.

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

Planmap

3D Magnetic Inversion Model

Depth: 800m Below Topography

0 500 1000 1500 2000 2500
meters

Frontier Resources Ltd.

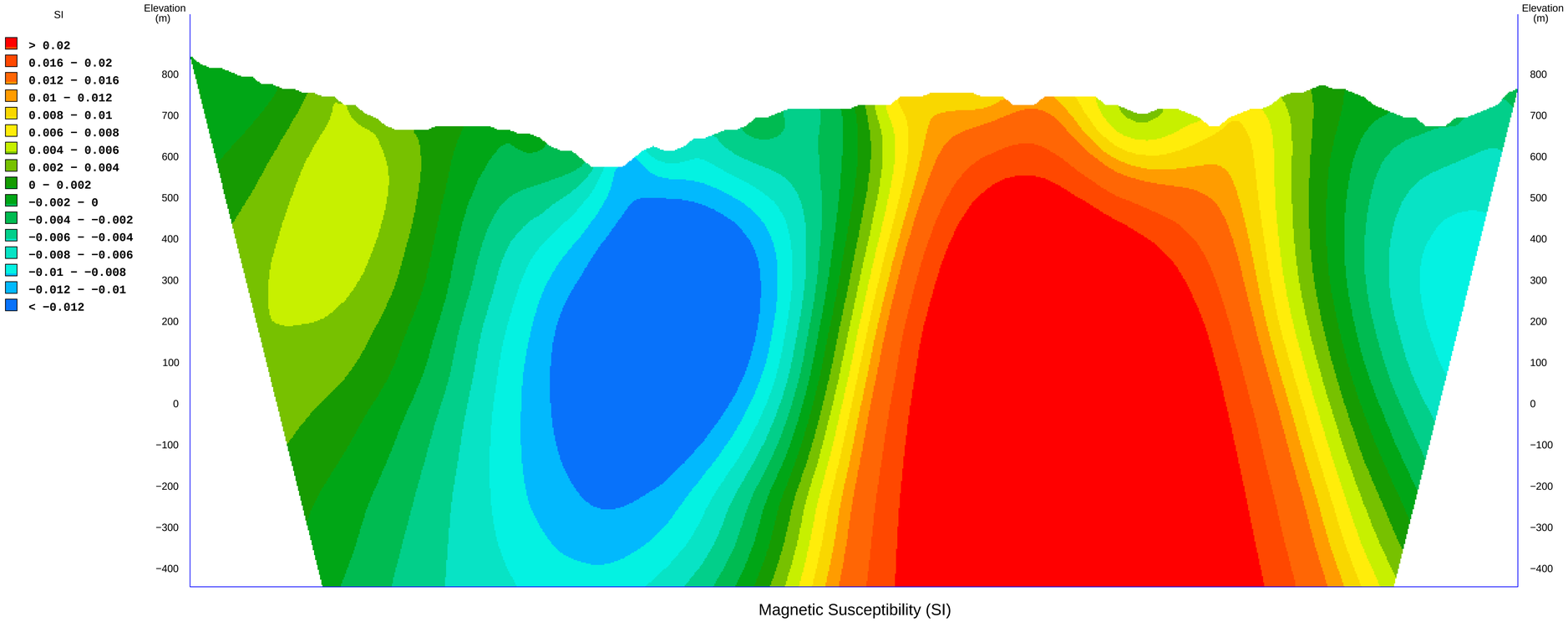
Magnetic Susceptibility (SI)

Moina Project

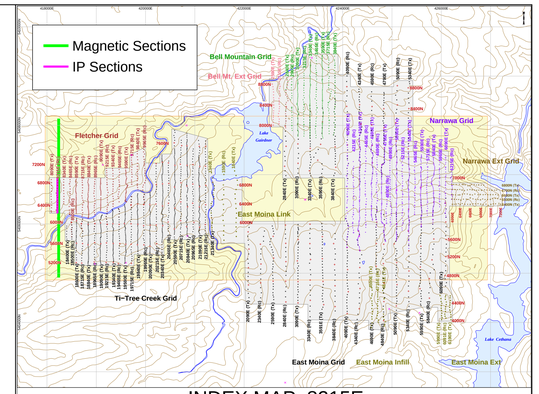
Airborne Magnetic Survey

Moina, Tasmania, Australia

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Magnetic Susceptibility (SI)

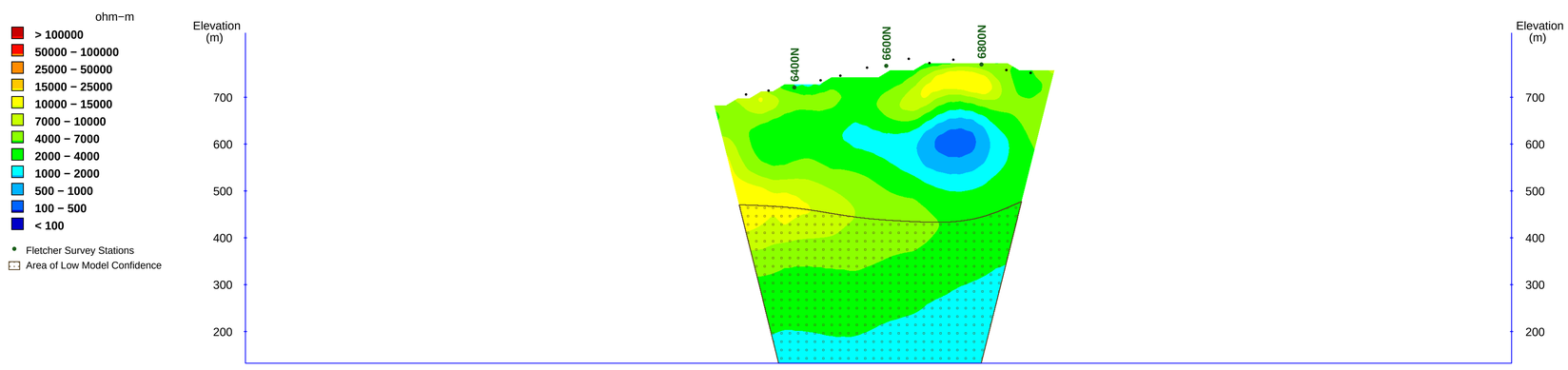


INDEX MAP: 8215E

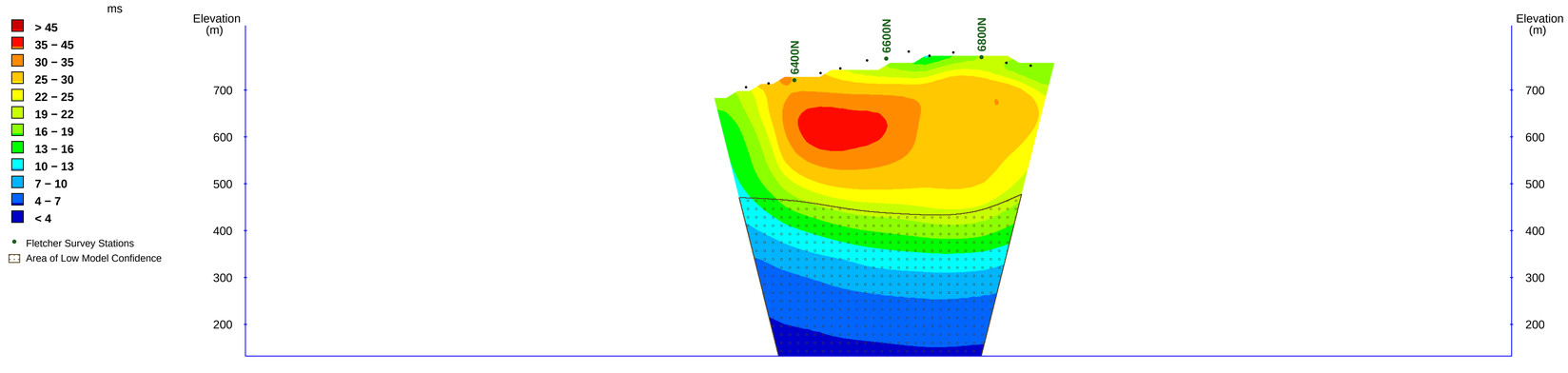
Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)

0 200 400 600 800
meters

Frontier Resources Ltd.

Moina Project

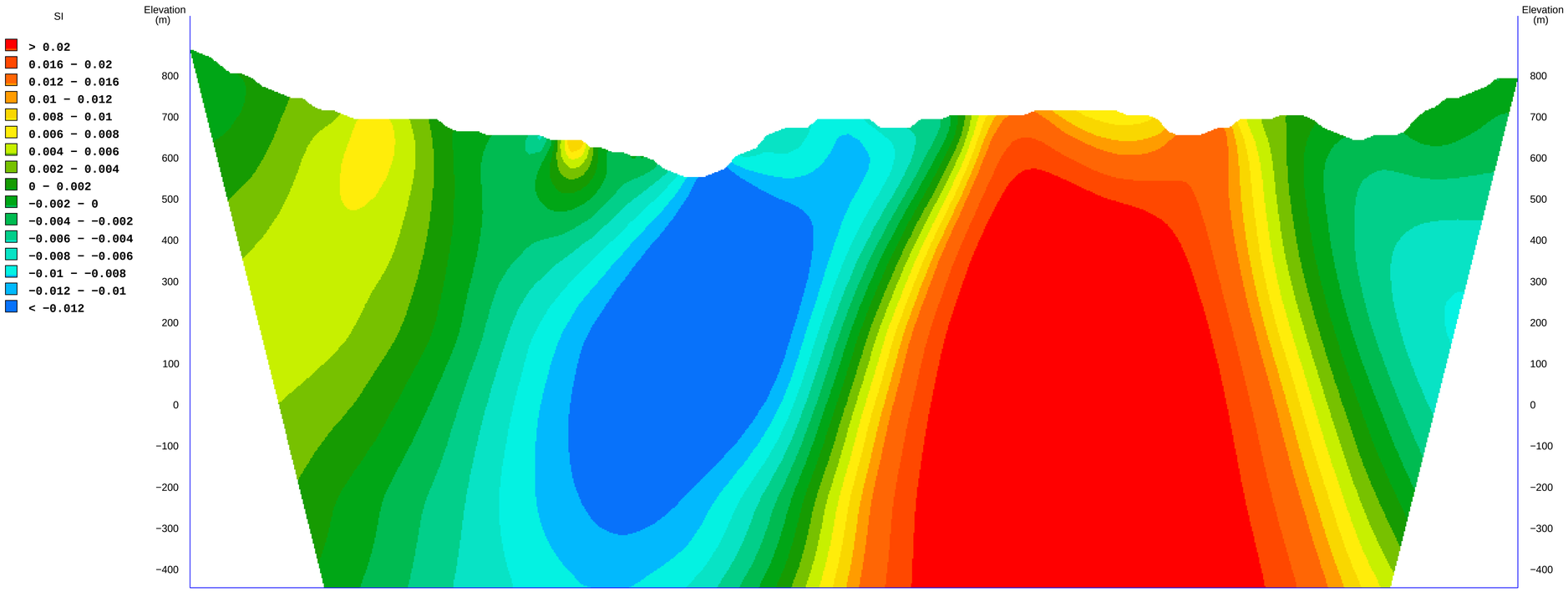
Compilation

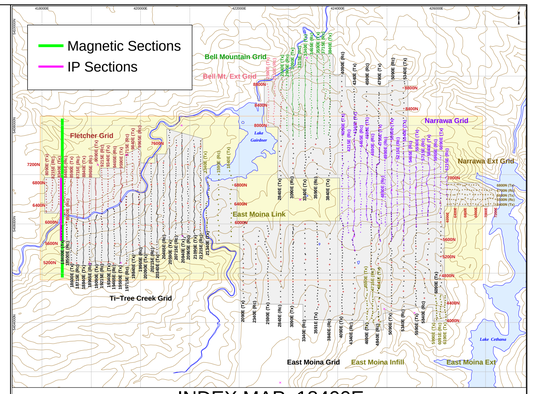
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

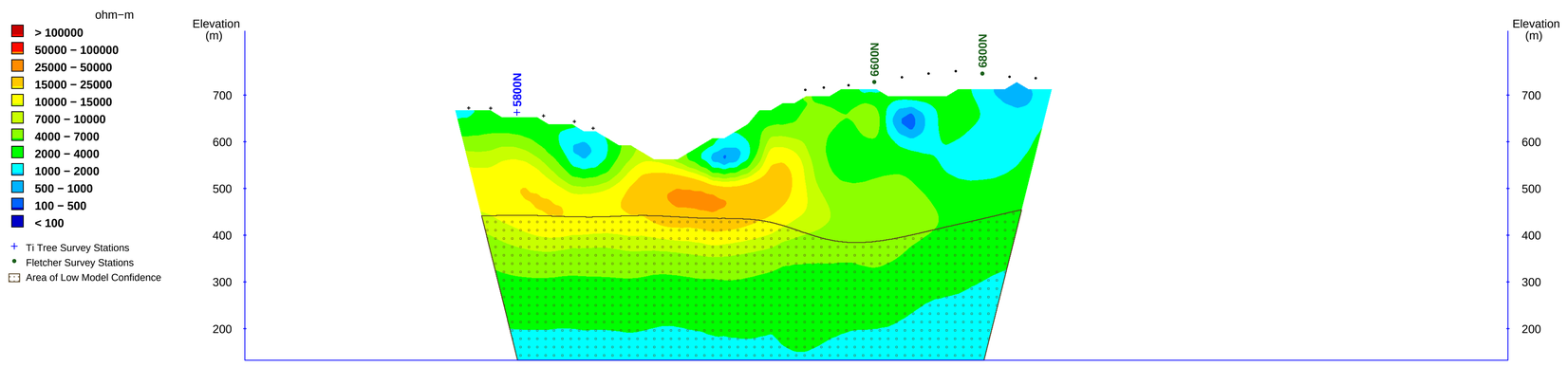
Cross Section Map
Section: 8215E

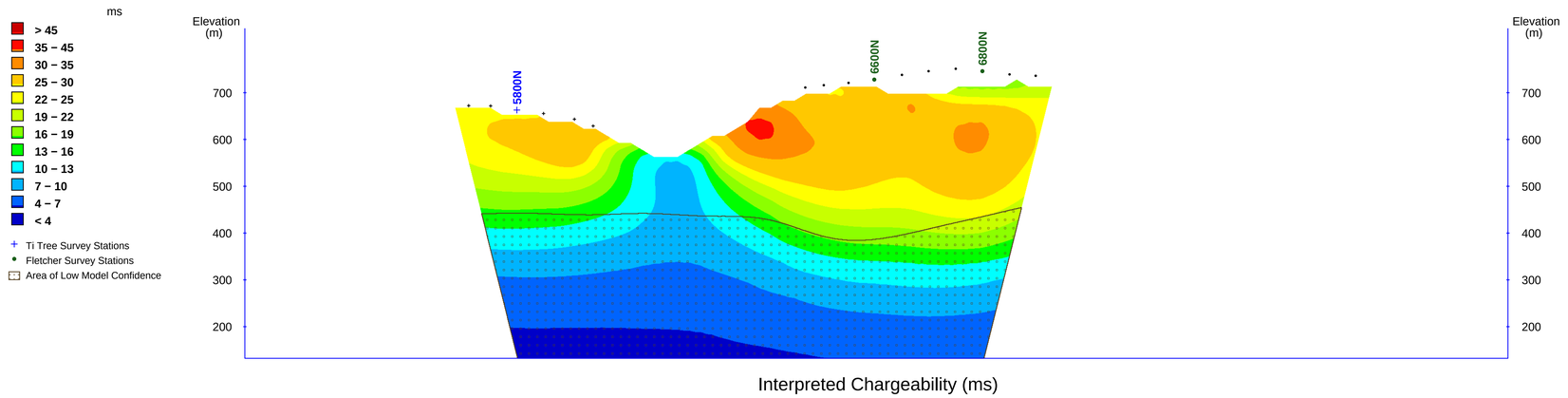
SJ Geophysics Ltd.





INDEX MAP: 18400E





Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

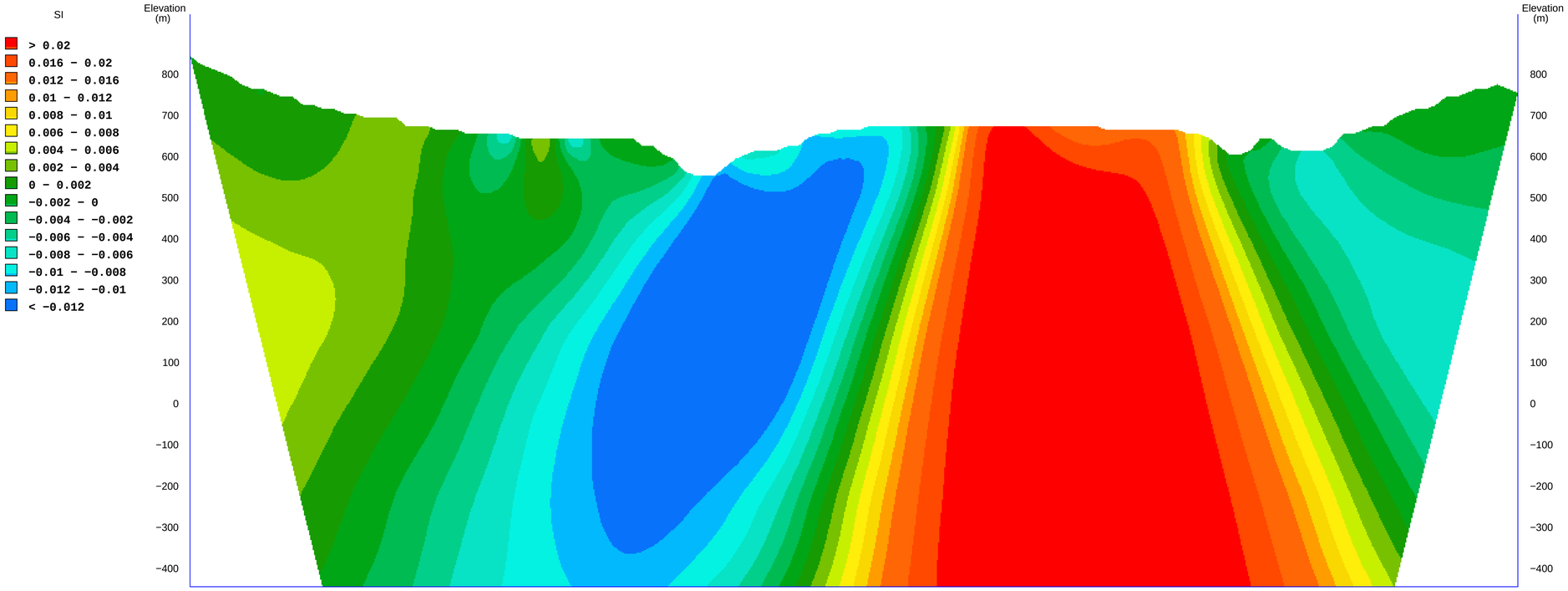
Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

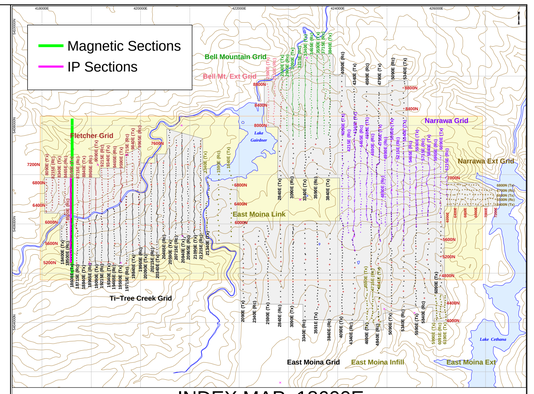
Cross Section Map
Section: 18400E

SJ Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com



Magnetic Susceptibility (SI)

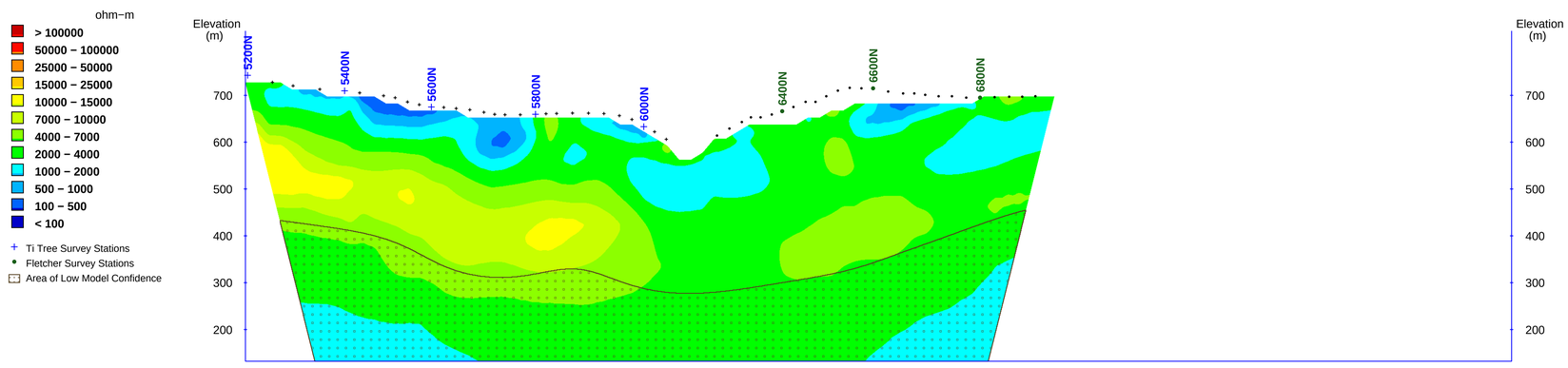


INDEX MAP: 18600E

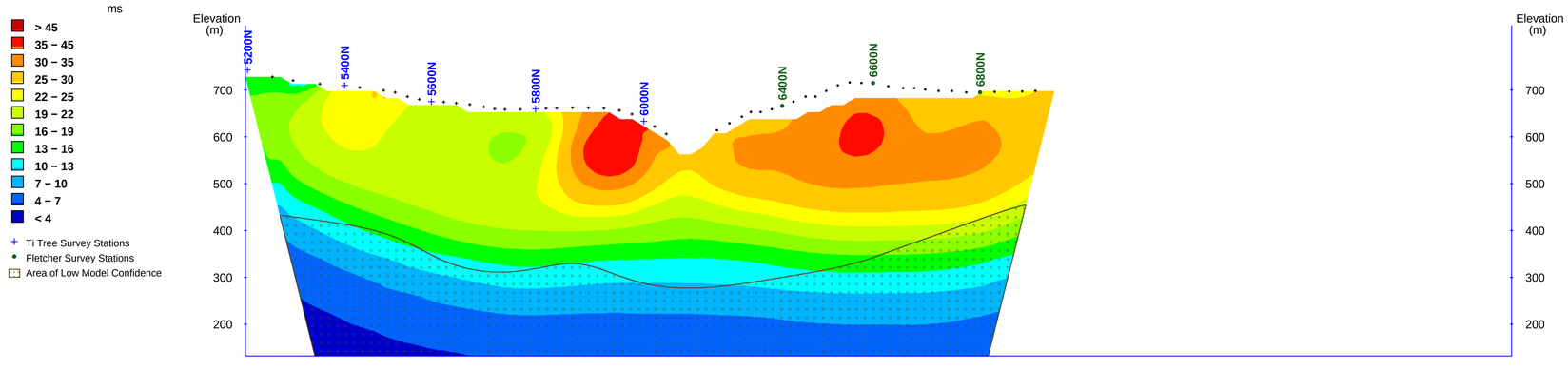
Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)

0 200 400 600 800
meters

Frontier Resources Ltd.

Moina Project

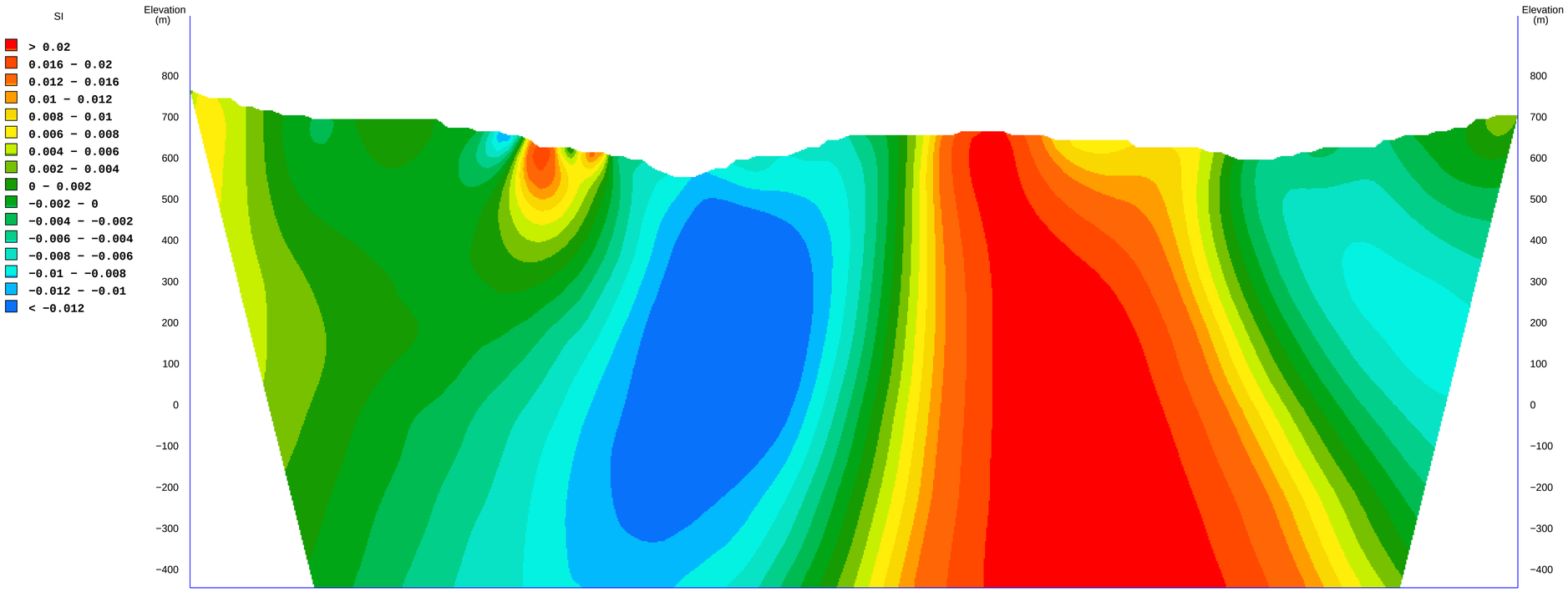
Compilation

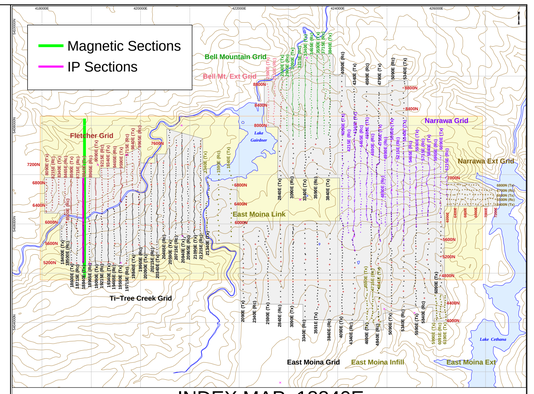
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

Cross Section Map
Section: 18600E

SJ Geophysics Ltd.



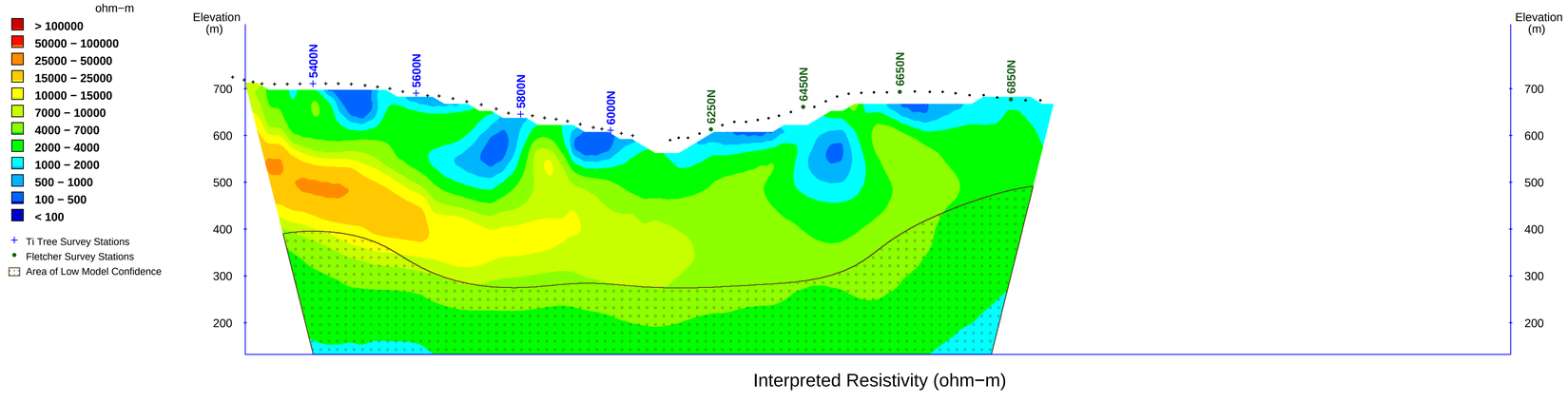


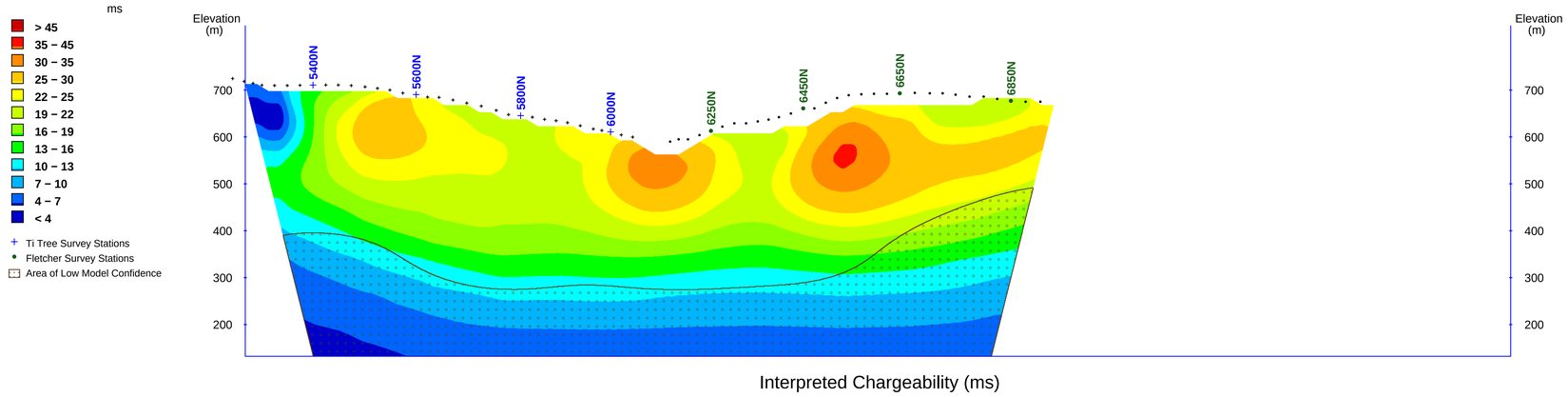
INDEX MAP: 18840E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012





0 200 400 600 800
meters

Frontier Resources Ltd.

Moina Project

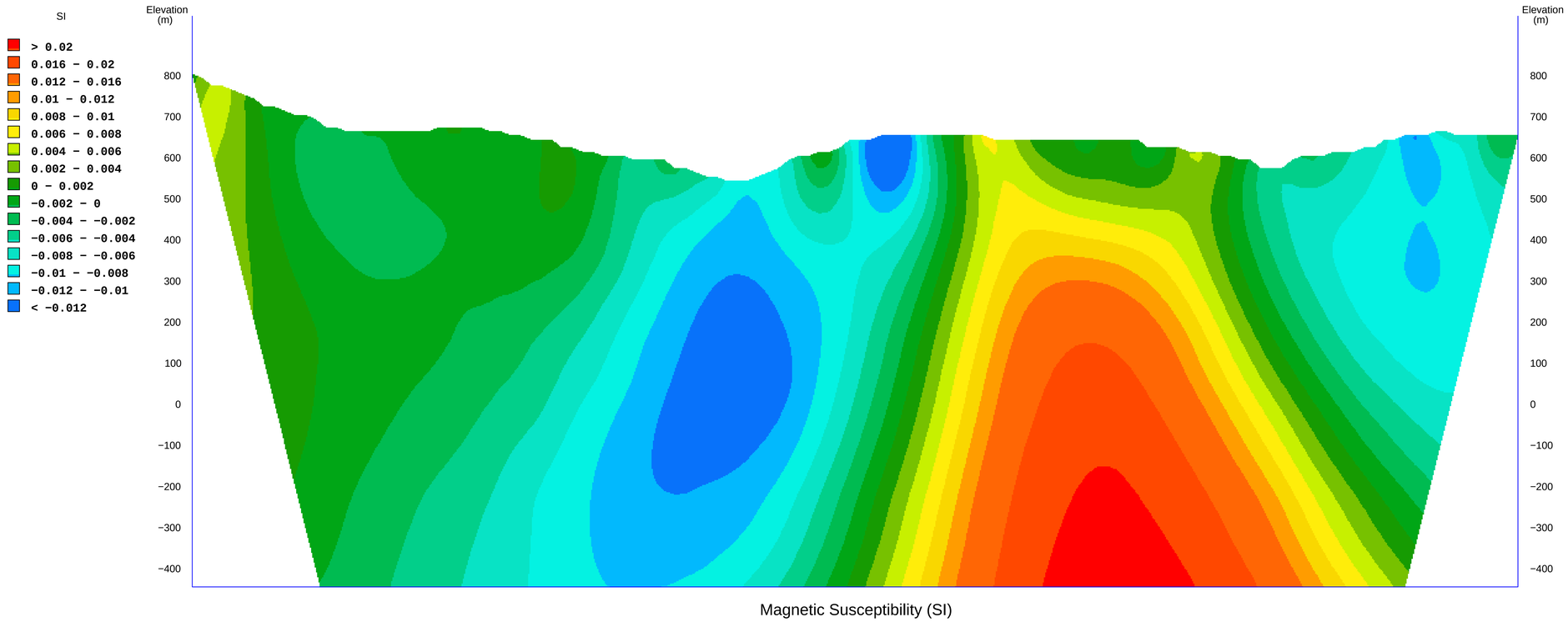
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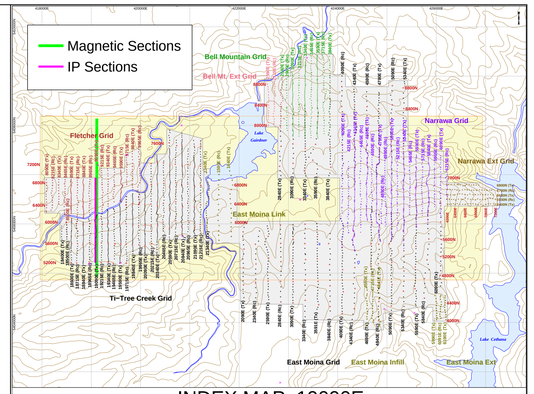
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

Cross Section Map
Section: 18840E

SJ Geophysics Ltd.



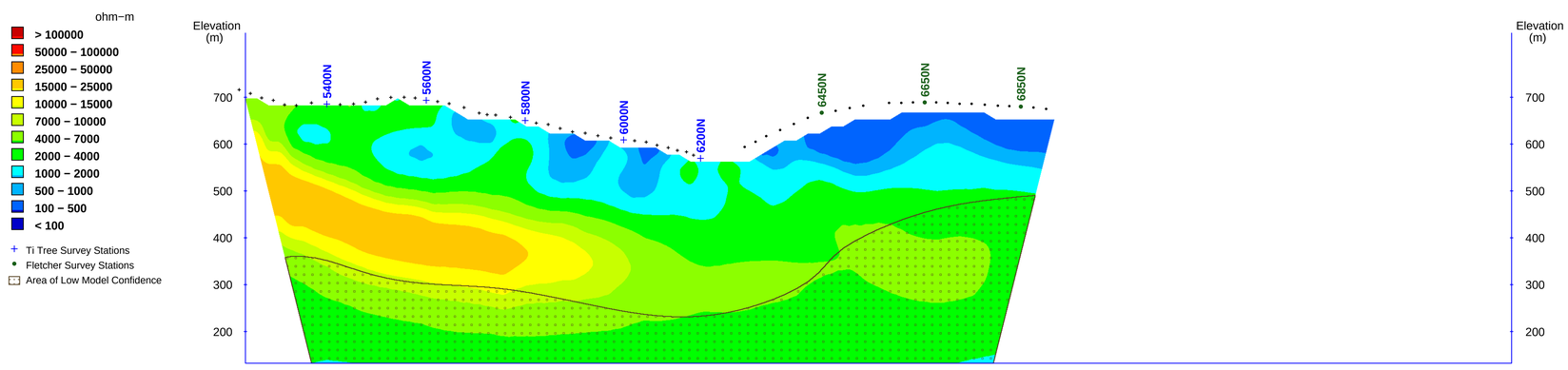


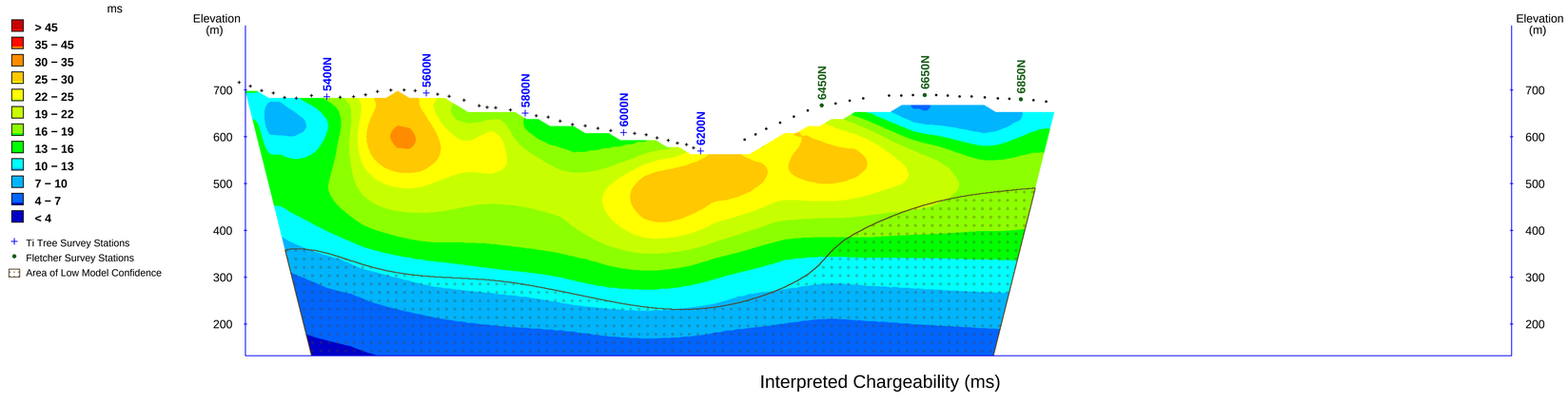
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3D Inversion by: S.J.V. Consultants Ltd.
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Mapping Information:
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Projection: AMG Zone 55
Mapping Date: 15−Mar−2012





0 200 400 600 800
meters

Frontier Resources Ltd.

Moina Project

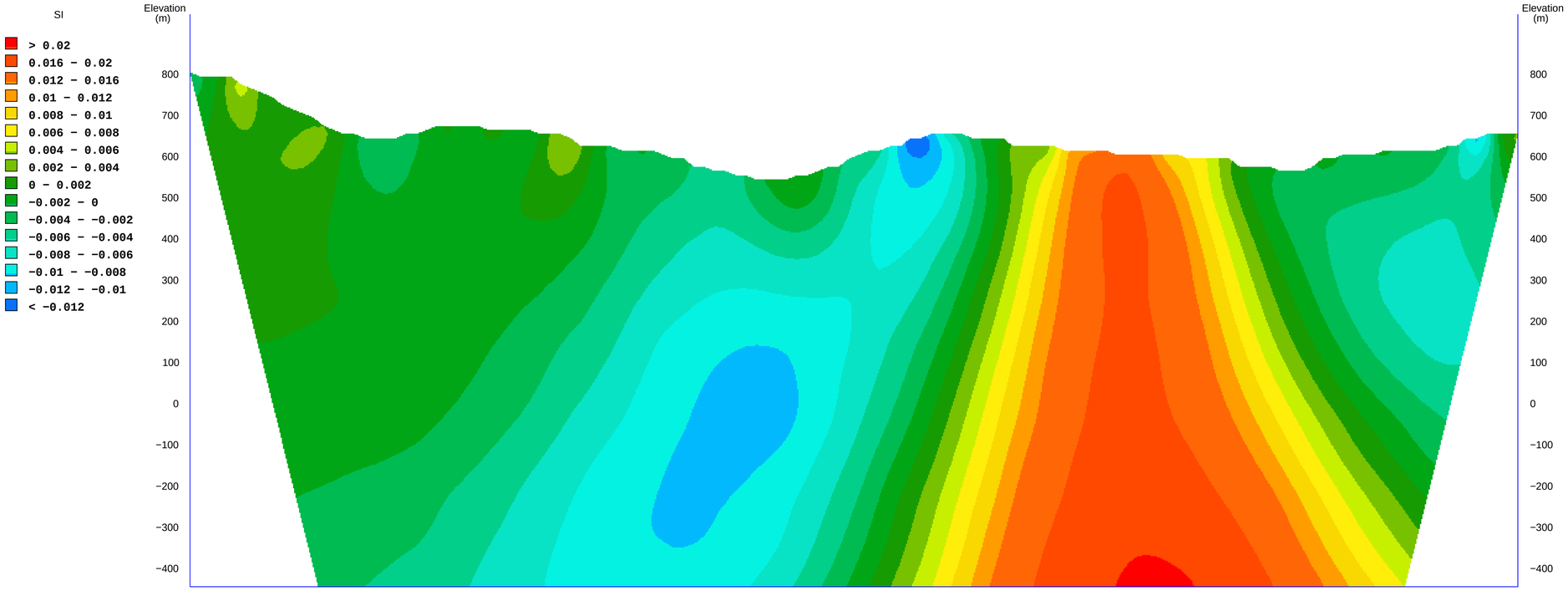
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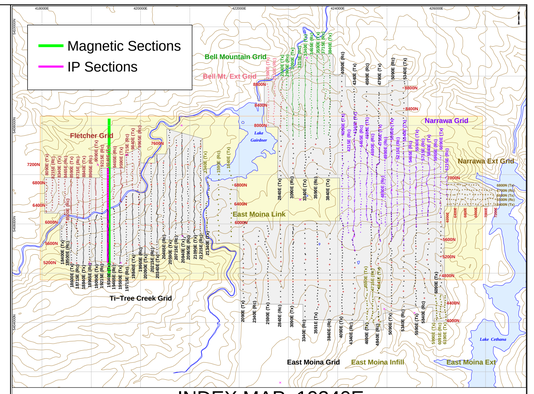
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

Cross Section Map
Section: 19090E

SJ Geophysics Ltd.



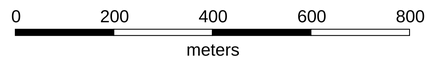


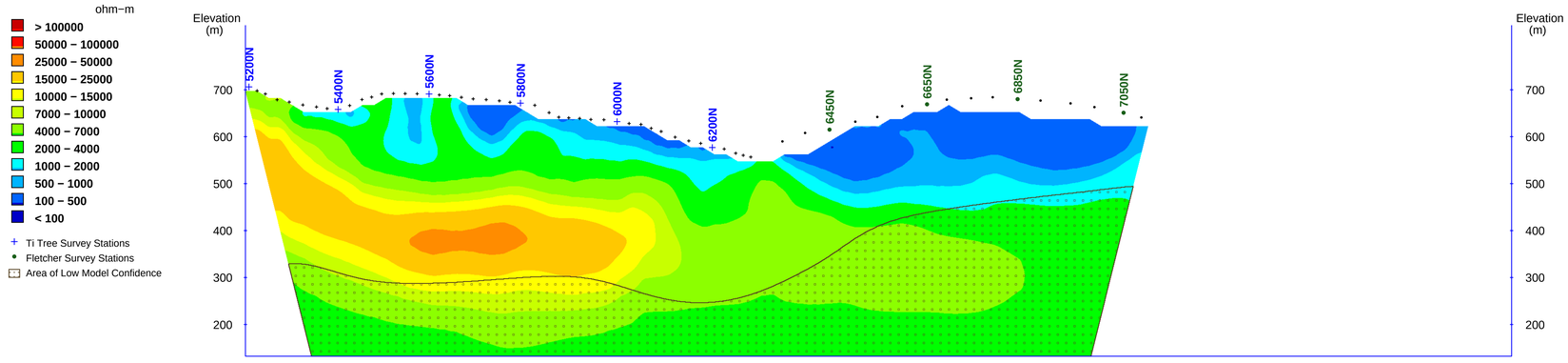
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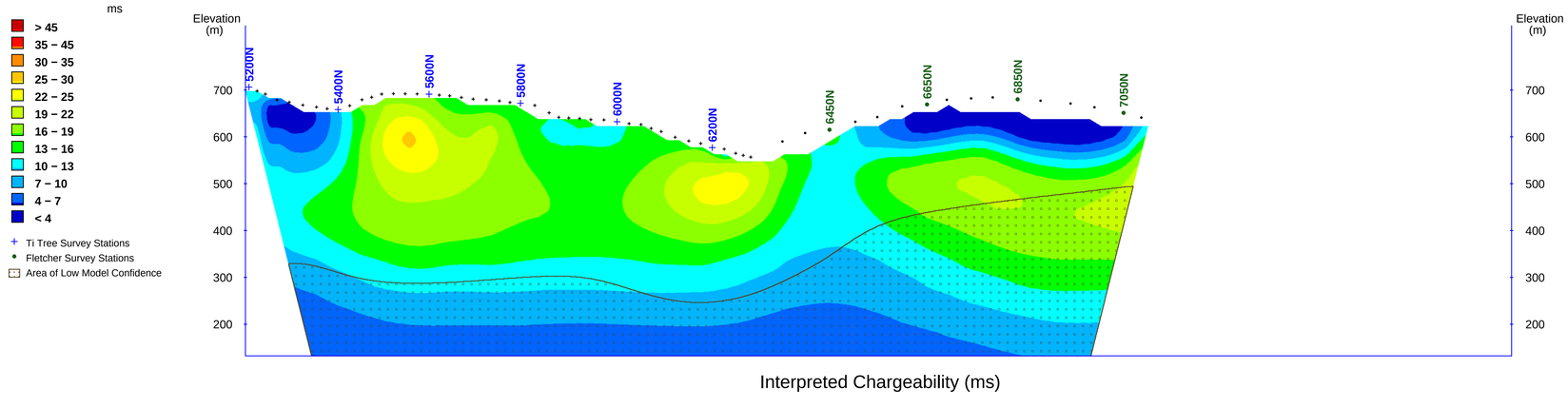
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3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
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Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012







Frontier Resources Ltd.

Moina Project

Compilation

Moina, Tasmania, Australia

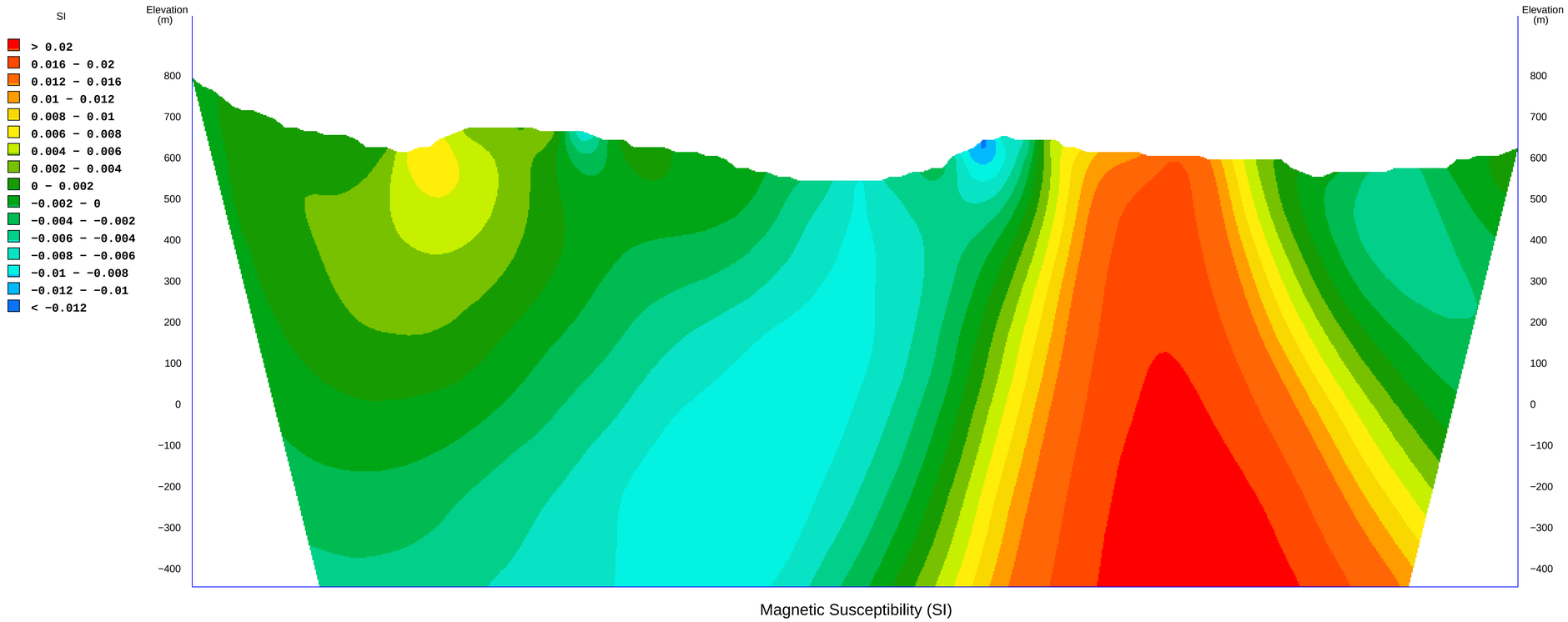
3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

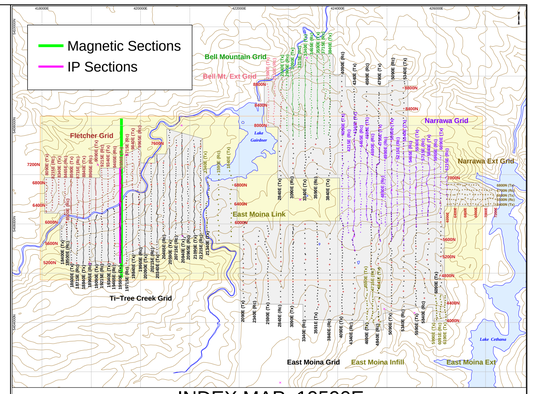
Cross Section Map

Section: 19340E

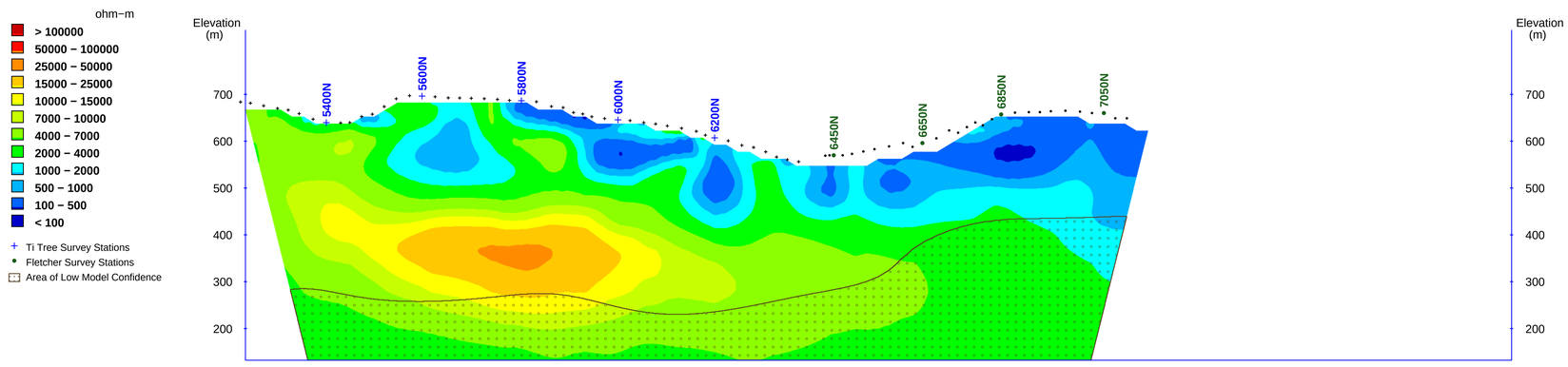
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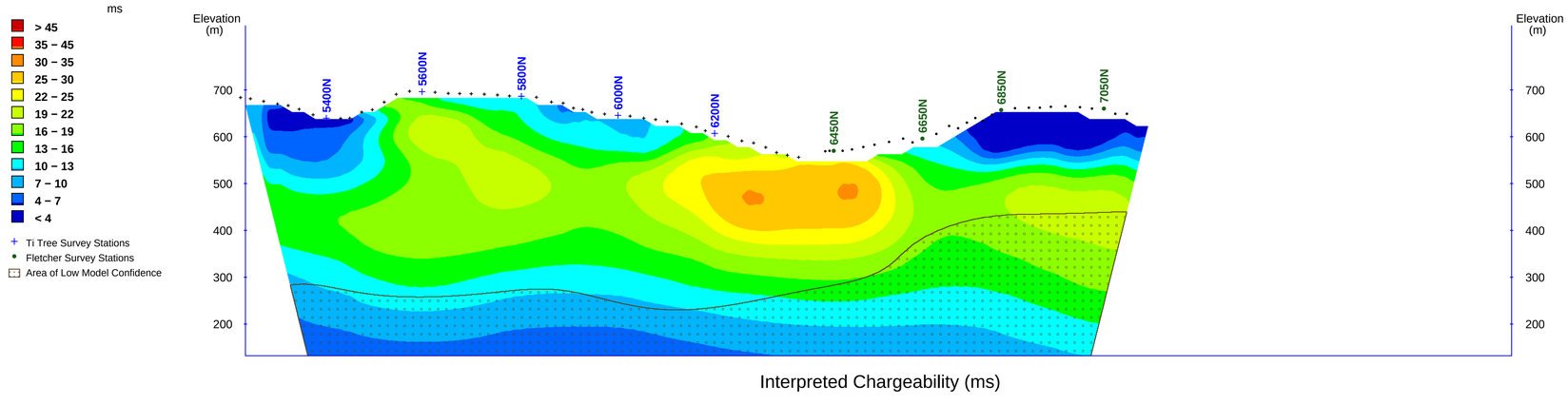
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com





INDEX MAP: 19590E





0 200 400 600 800
meters

Frontier Resources Ltd.

Moina Project

Compilation

Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

Cross Section Map

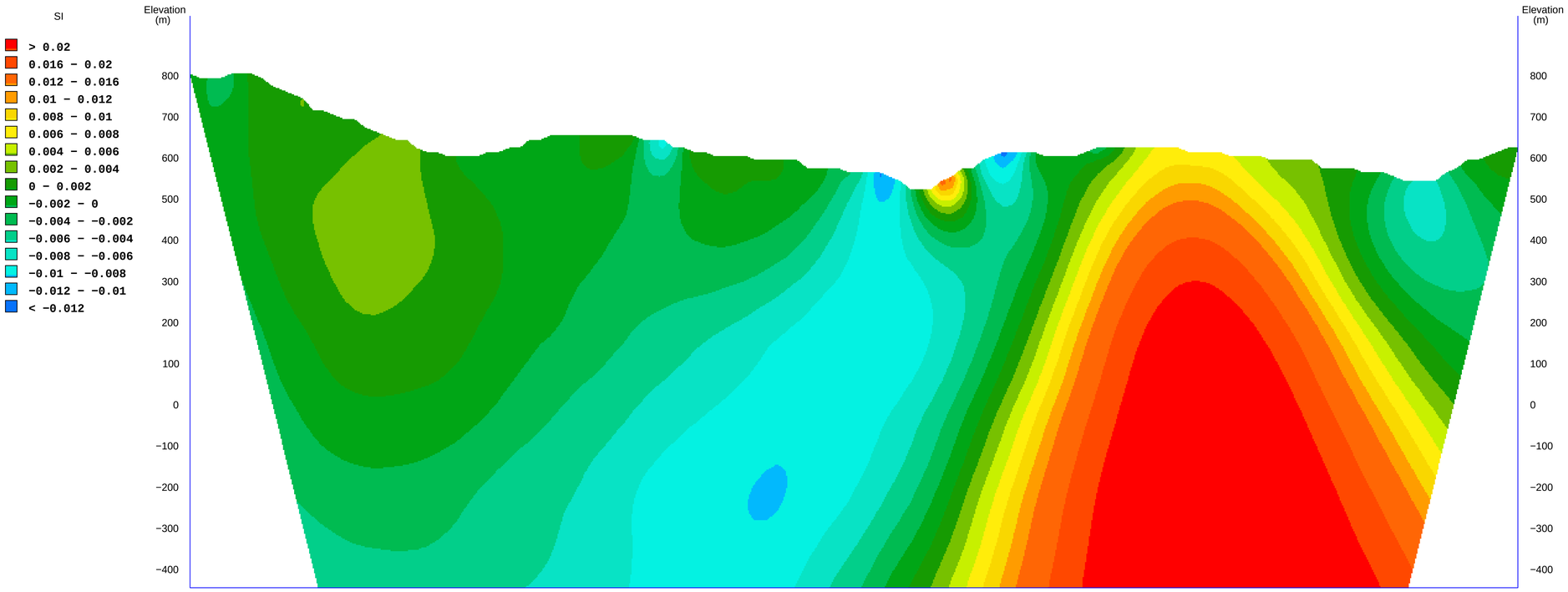
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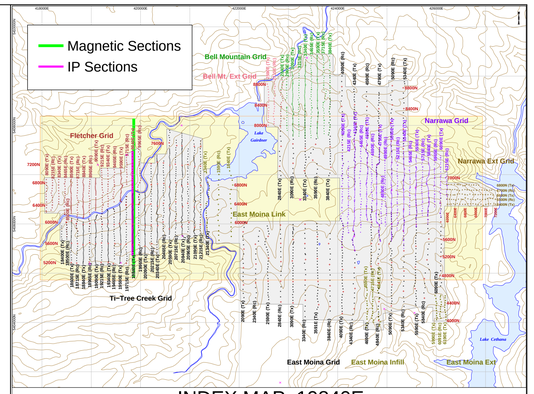
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Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

SJ Geophysics Ltd.



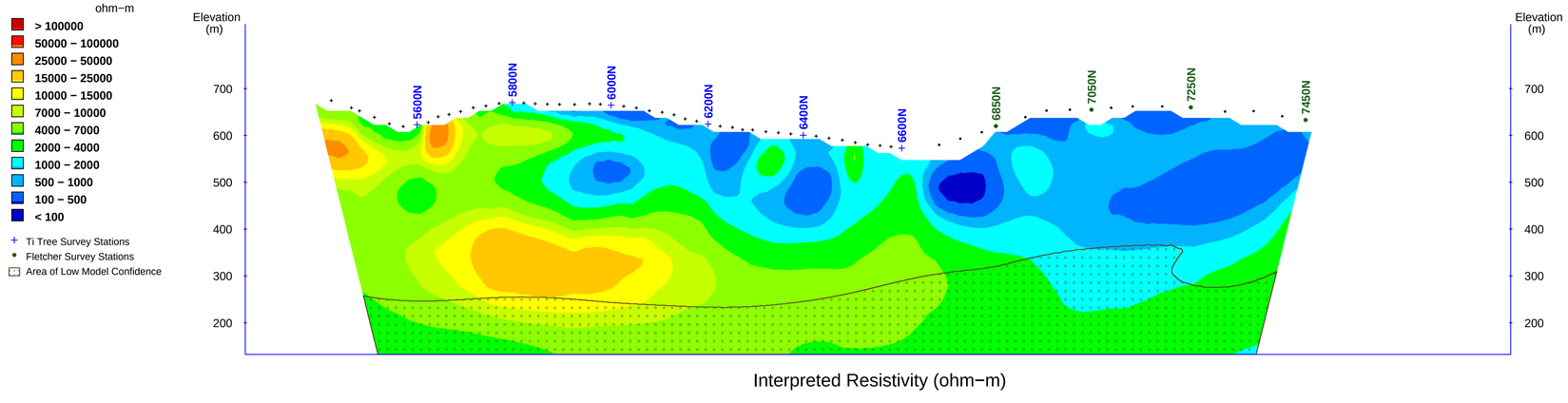


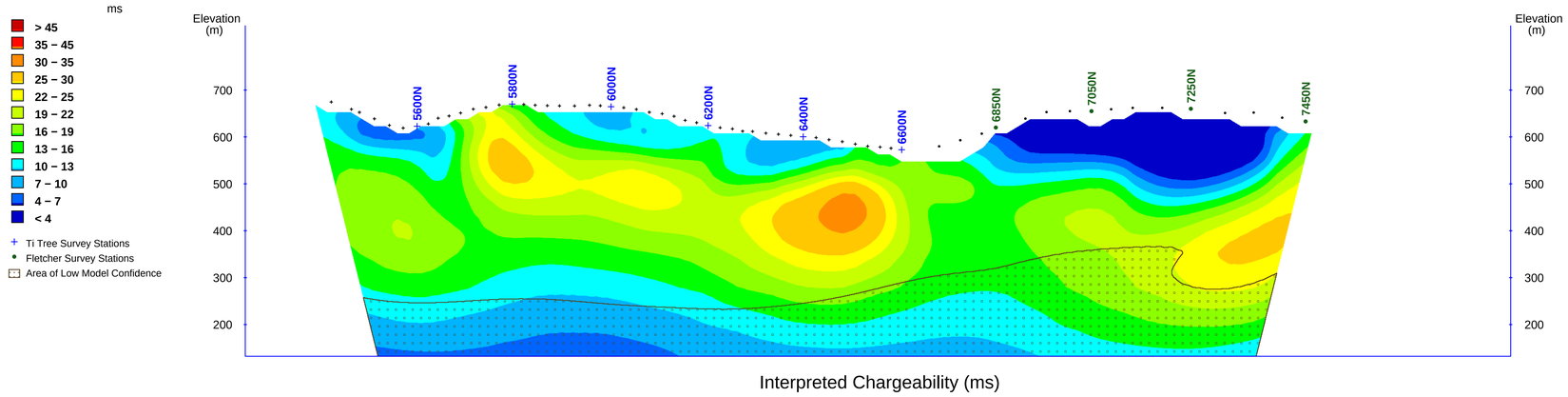
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Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012





0 200 400 600 800
meters

Frontier Resources Ltd.

Moina Project

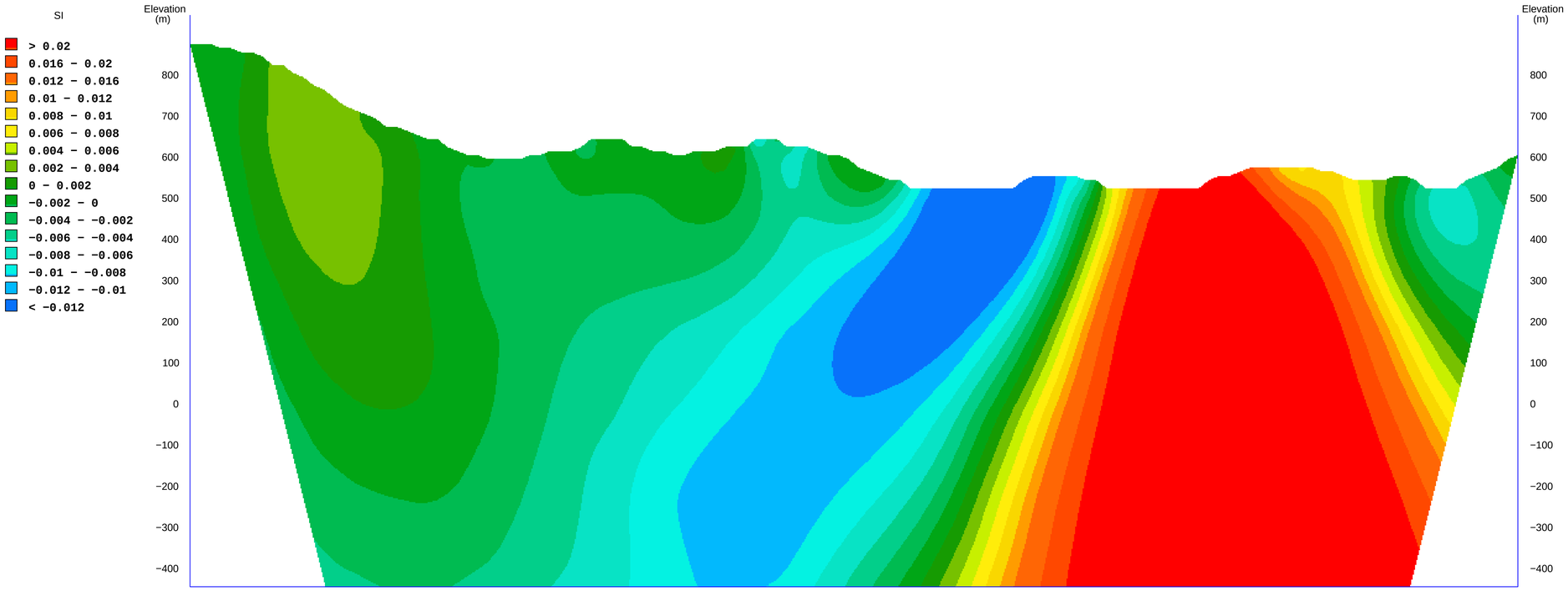
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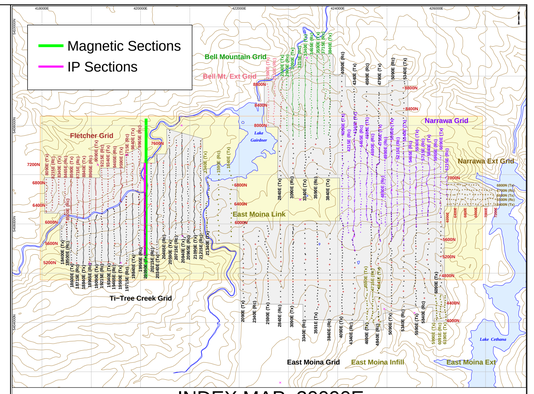
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

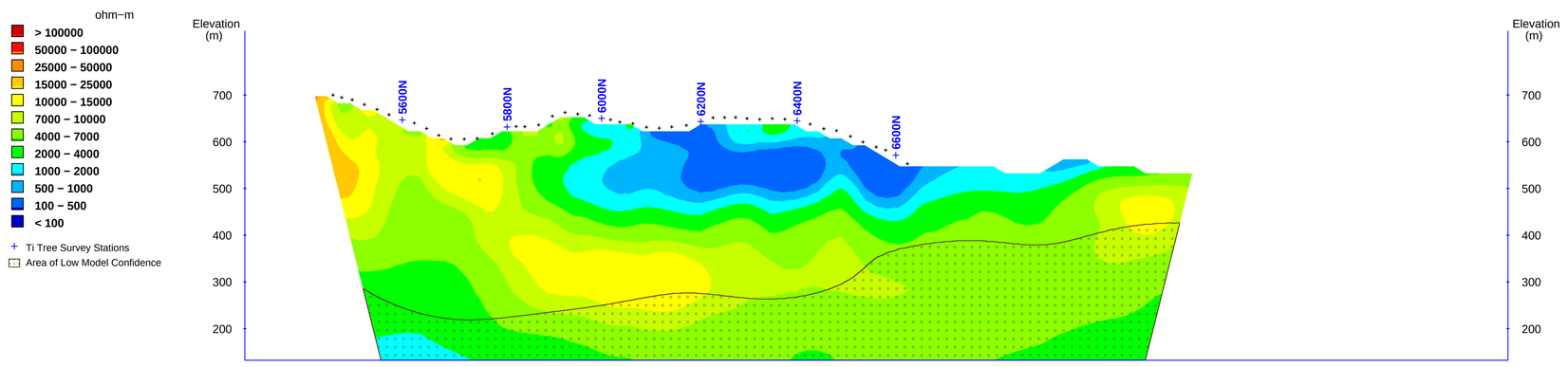
Cross Section Map
Section: 19840E

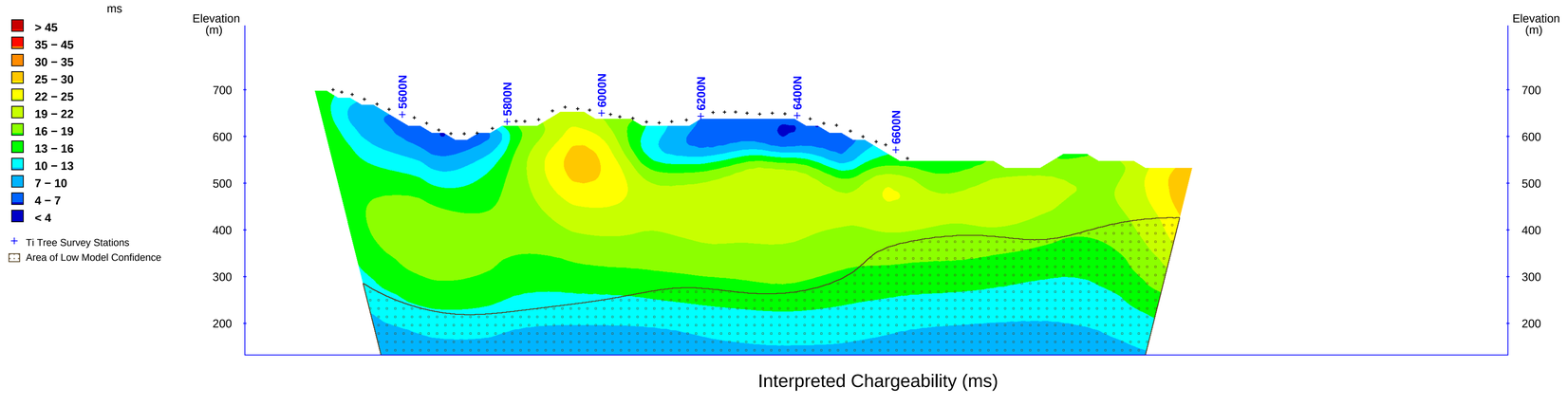
SJ Geophysics Ltd.





INDEX MAP: 20090E





Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

0 200 400 600 800
meters

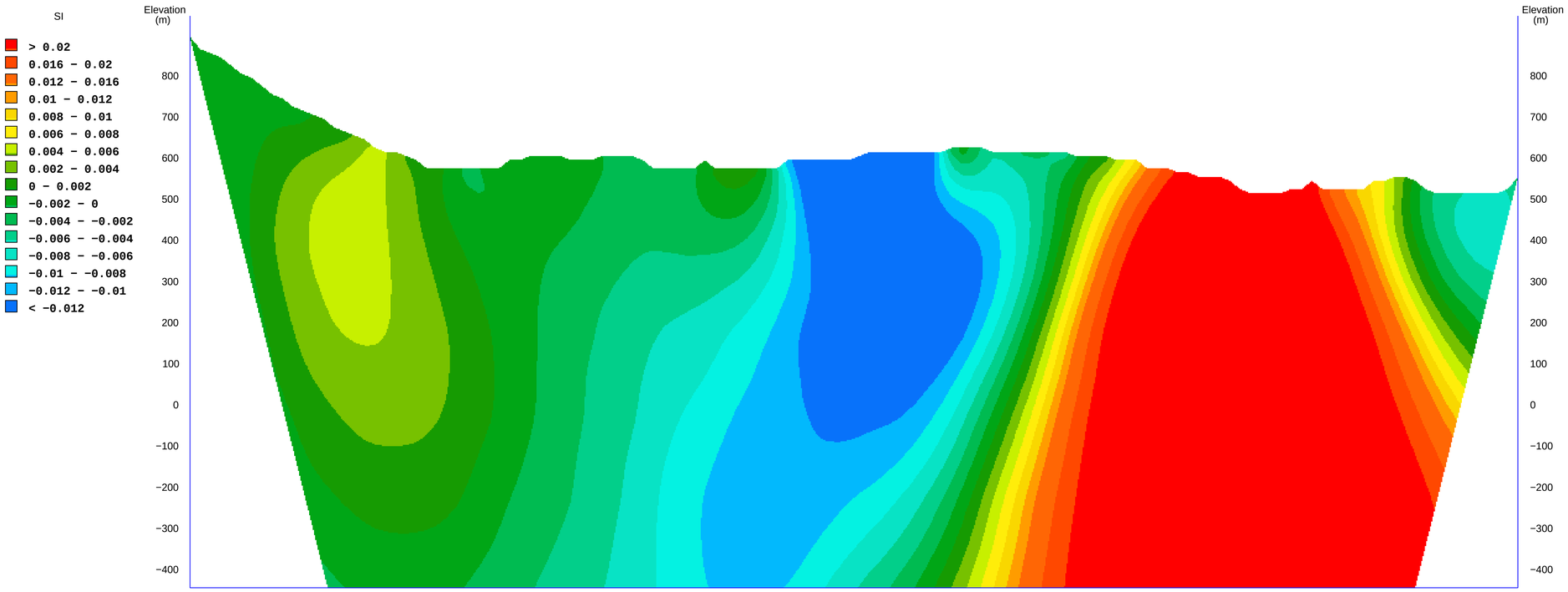
Frontier Resources Ltd.

Moina Project
Compilation
Moina, Tasmania, Australia

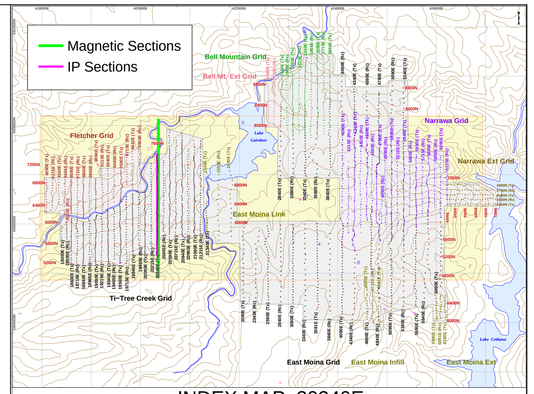
3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

Cross Section Map
Section: 20090E

SJ Geophysics Ltd.



Magnetic Susceptibility (SI)

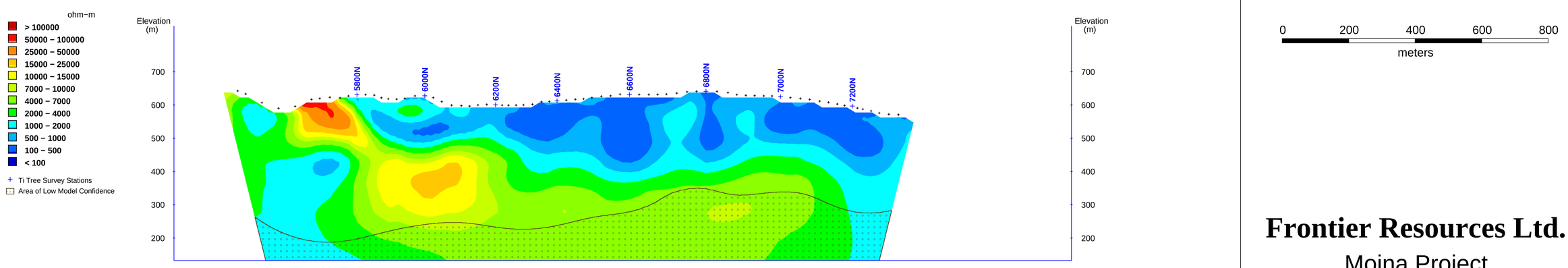


INDEX MAP: 20340E

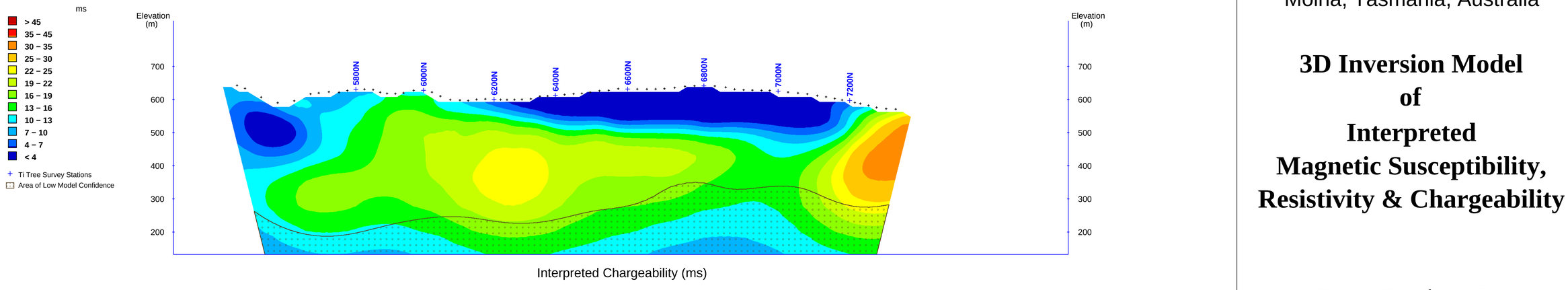
Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

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Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)

0 200 400 600 800
meters

Frontier Resources Ltd.

Moina Project

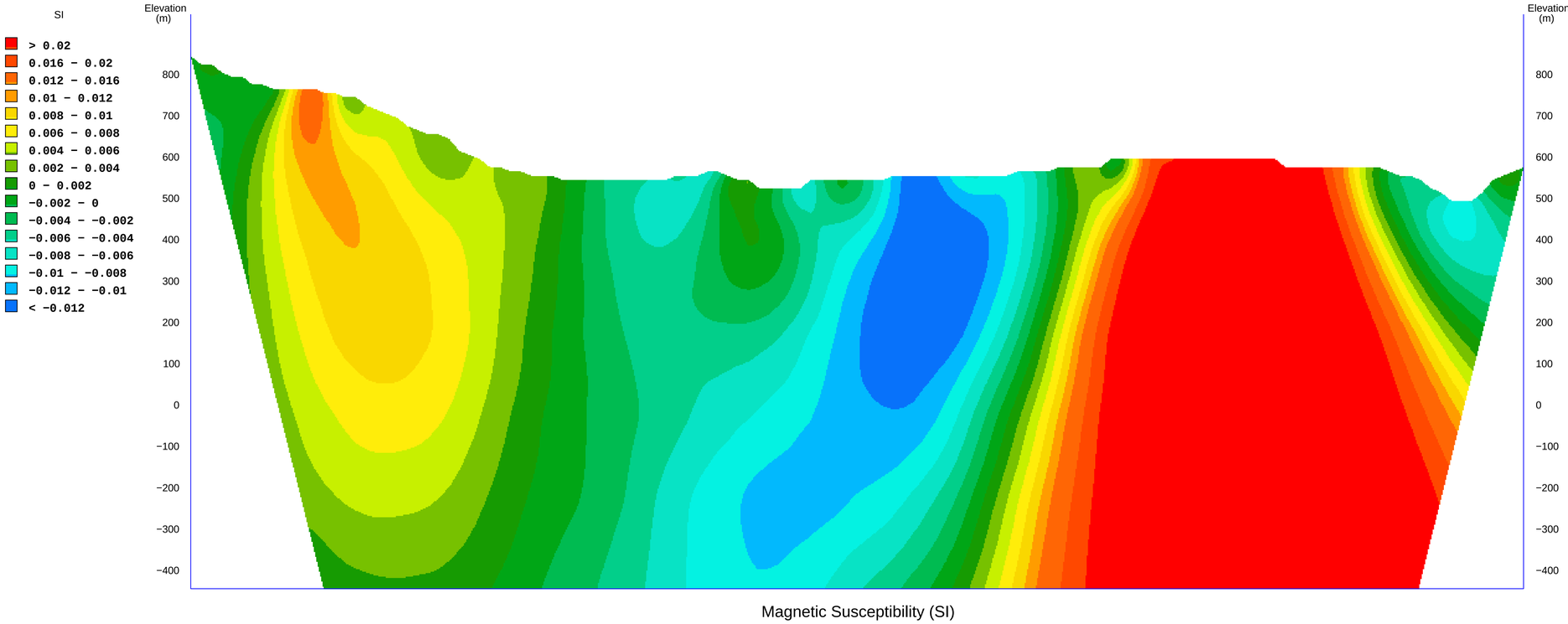
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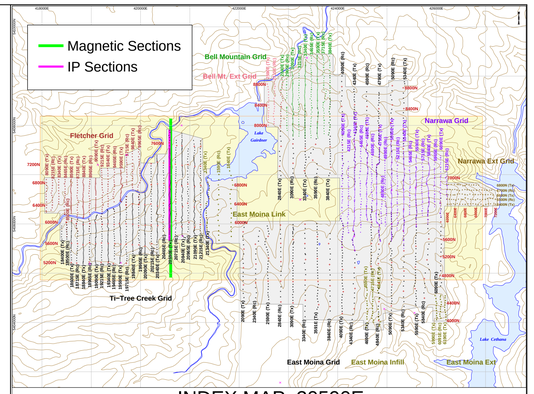
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

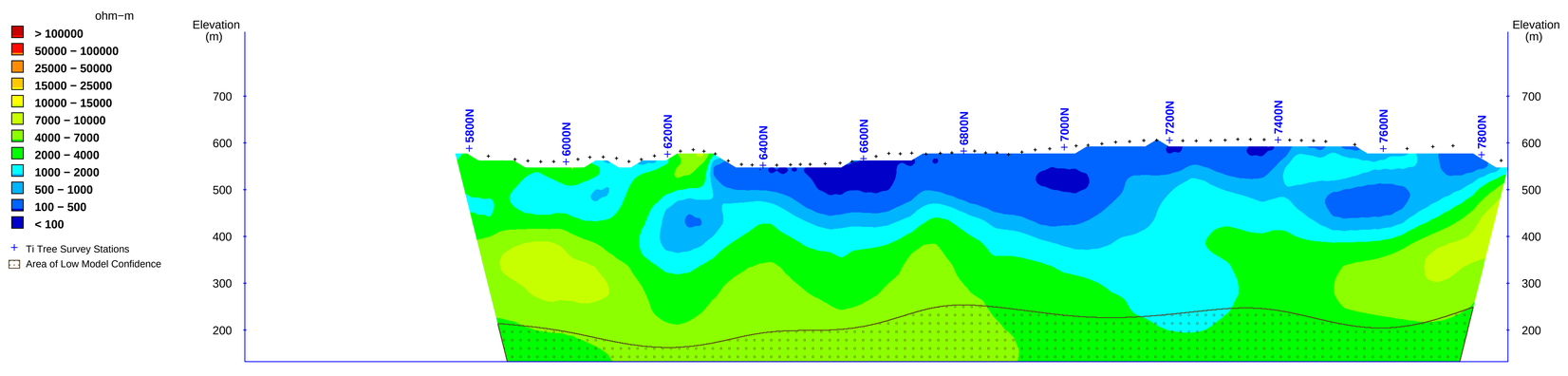
Cross Section Map
Section: 20340E

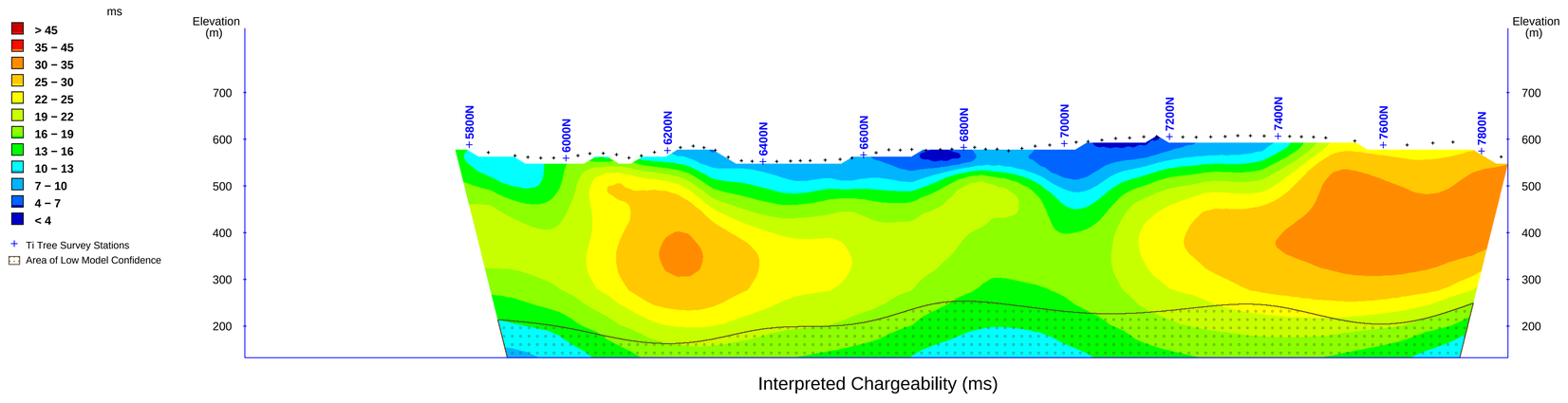
SJ Geophysics Ltd.





INDEX MAP: 20590E

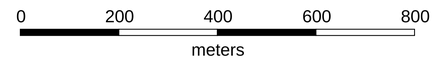




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3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
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Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
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Mapping Date: 15−Mar−2012



Frontier Resources Ltd.

Moina Project

Compilation

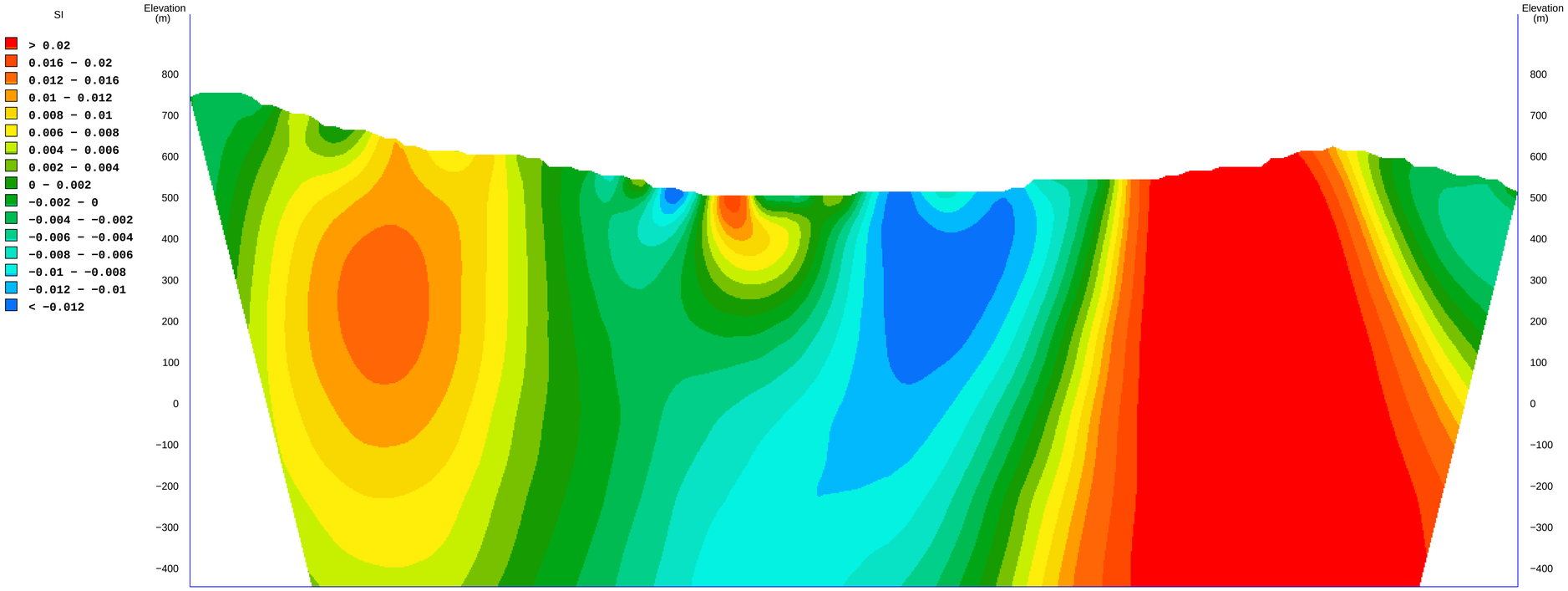
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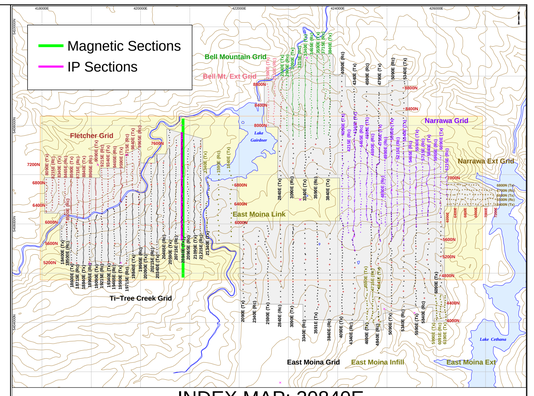
3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

Cross Section Map
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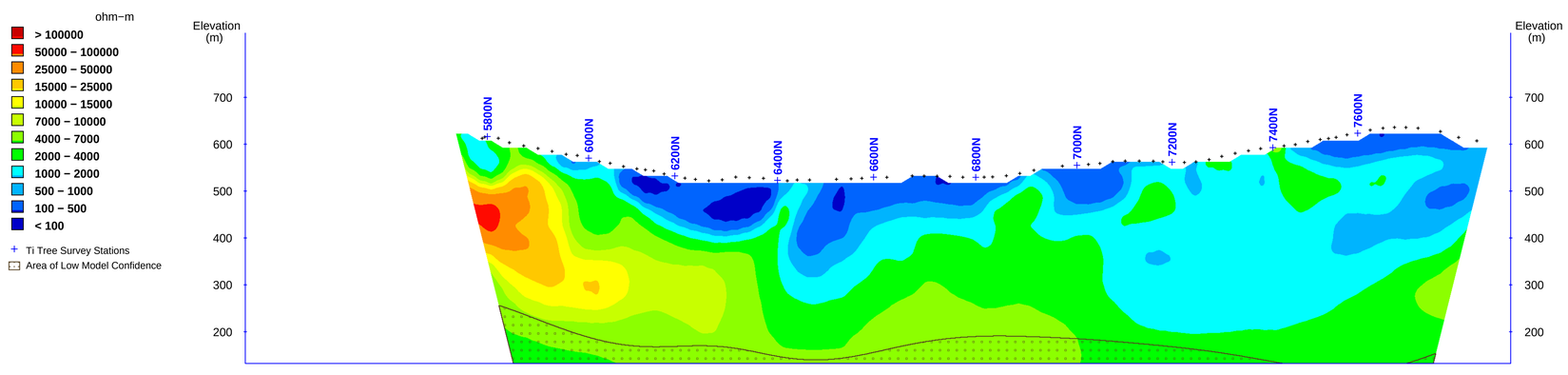
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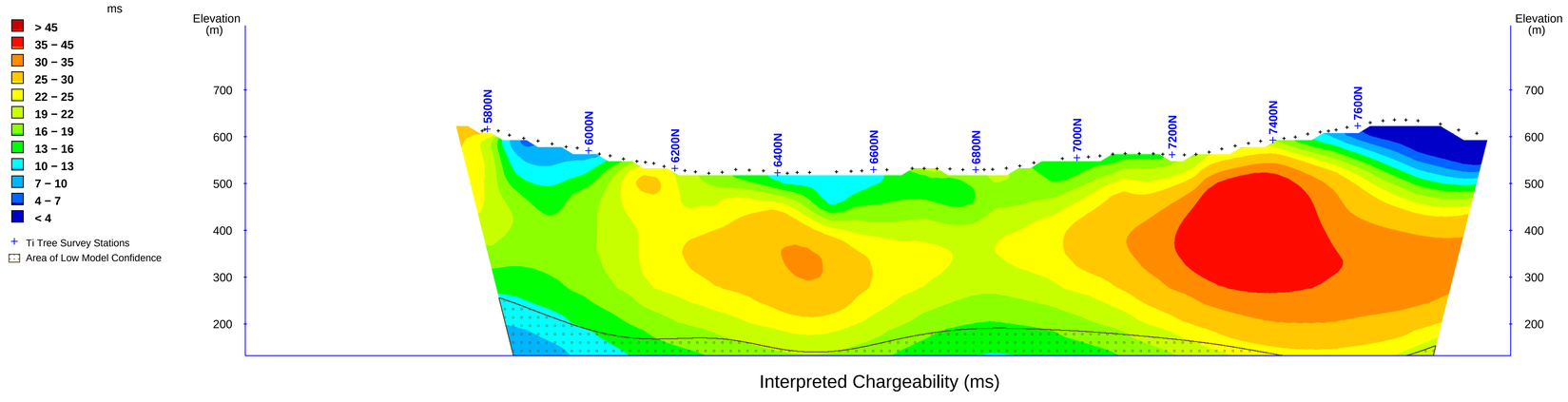
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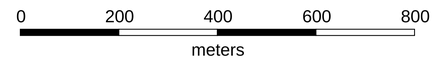




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Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
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Projection: AMG Zone 55
Mapping Date: 15−Mar−2012



Frontier Resources Ltd.

Moina Project

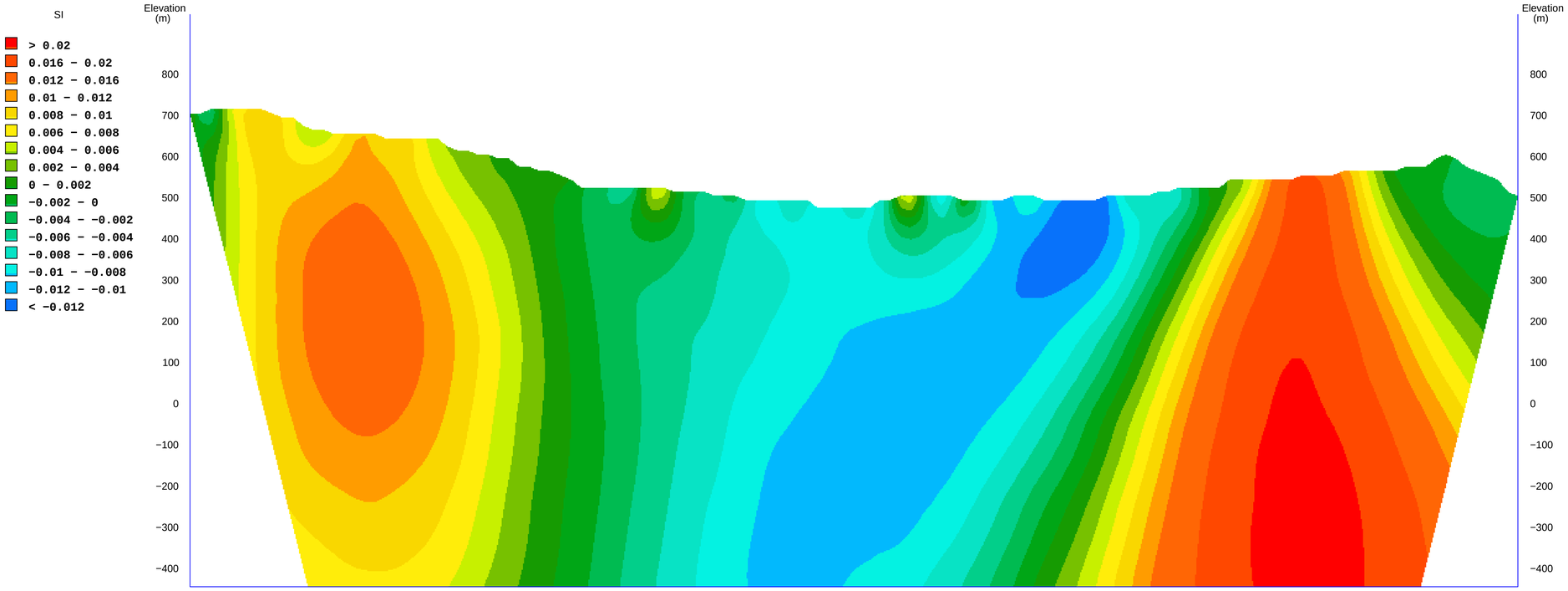
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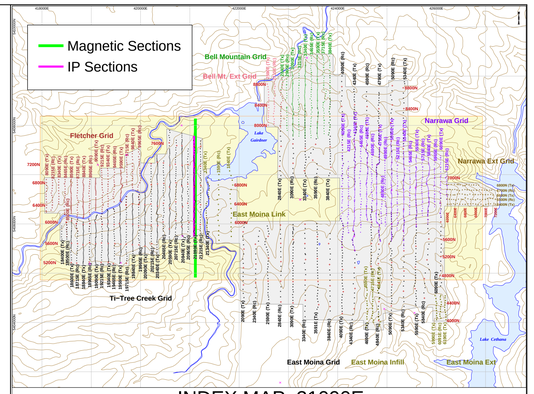
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

Cross Section Map
Section: 20840E

SJ Geophysics Ltd.



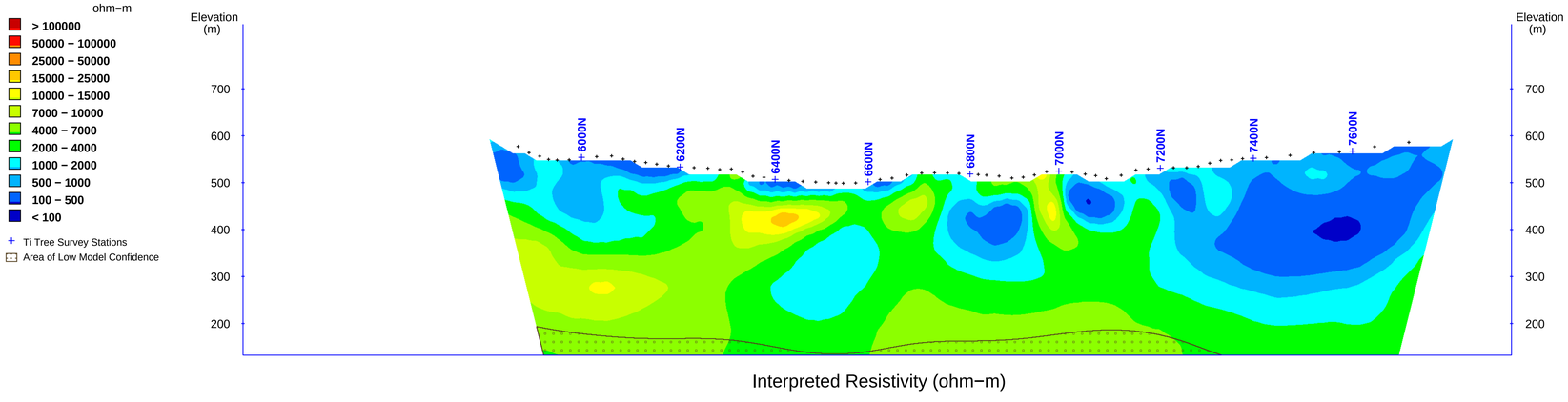


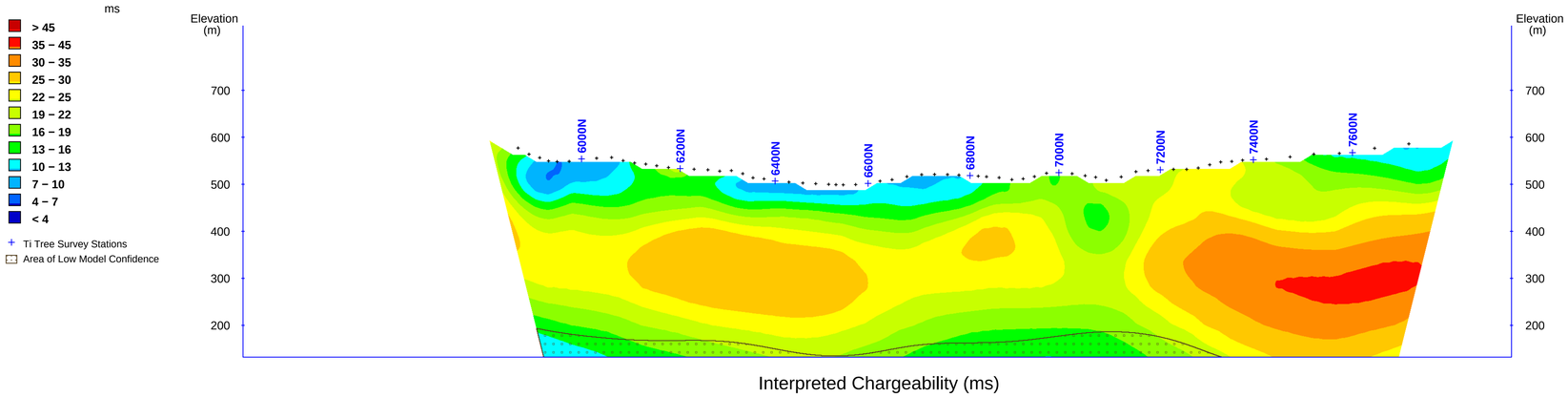
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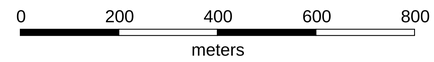
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3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012







Frontier Resources Ltd.

Moina Project

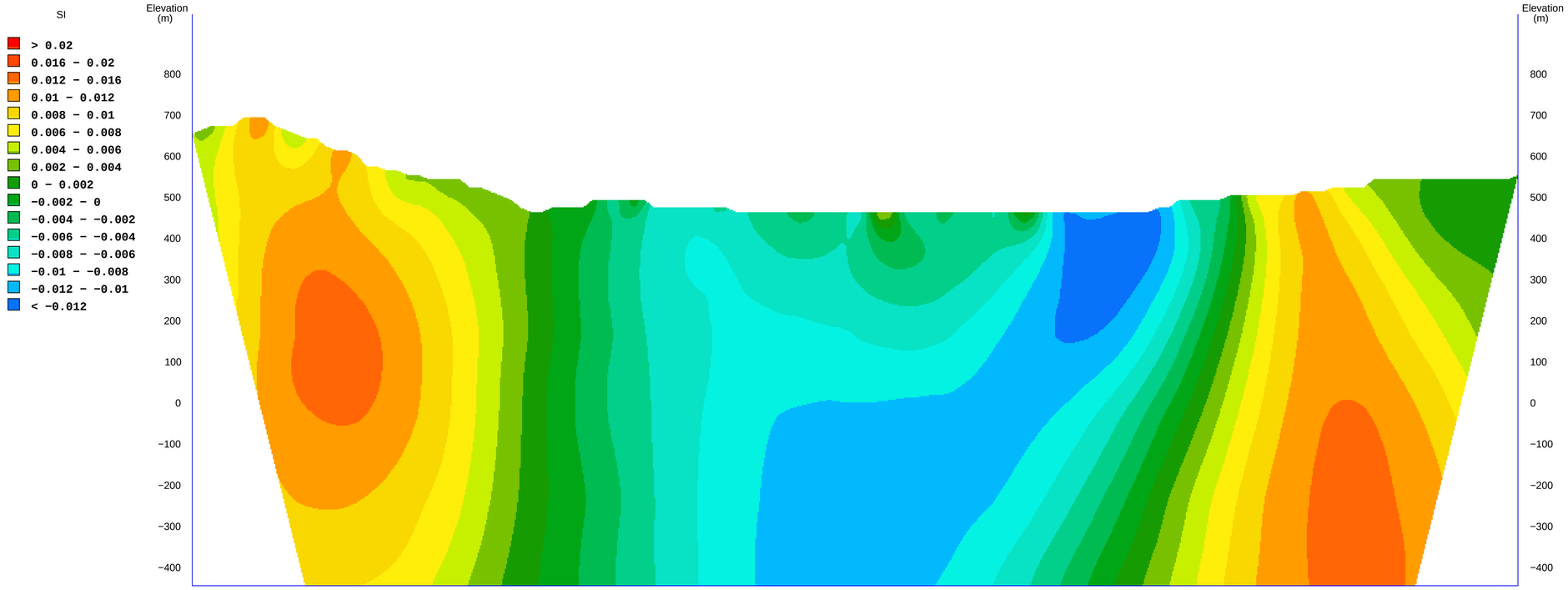
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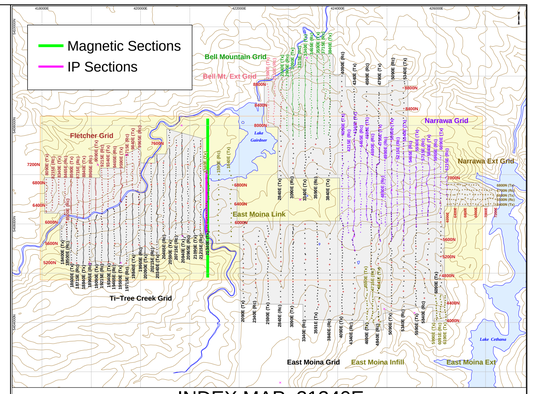
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

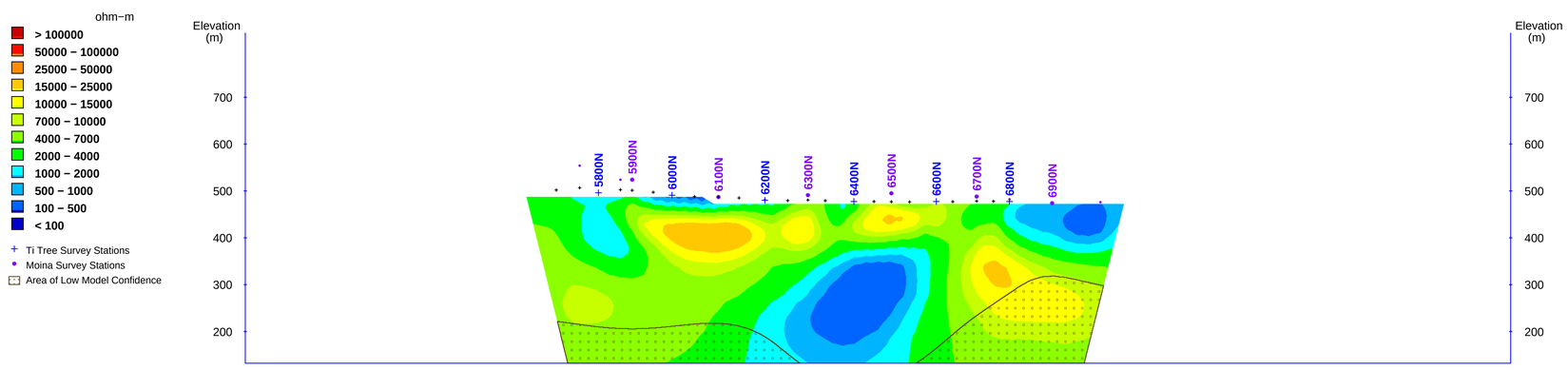
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Section: 21090E

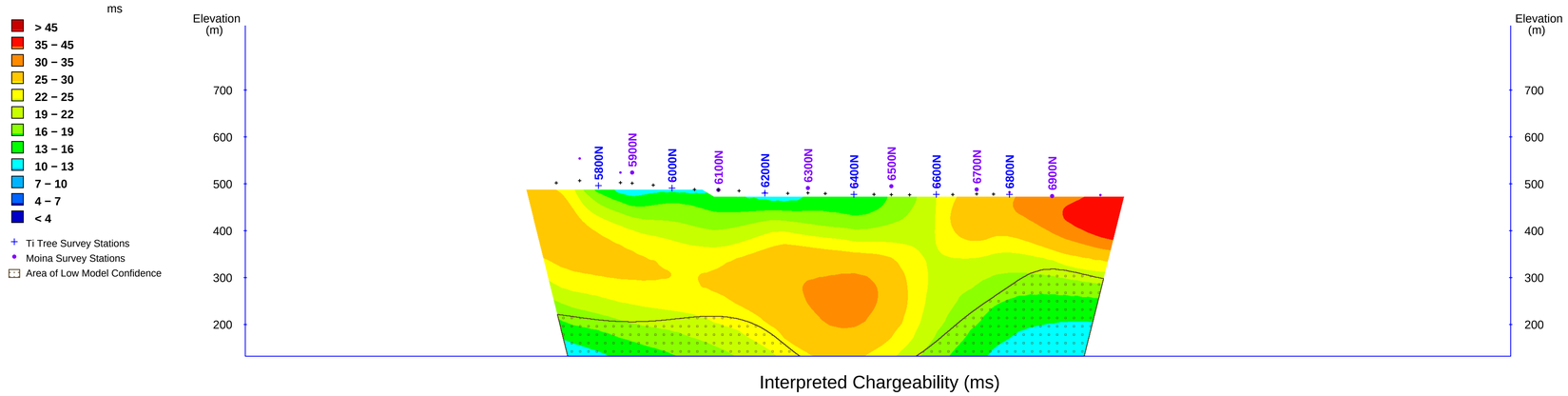
SJ Geophysics Ltd.





INDEX MAP: 21340E





Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

Moina Project

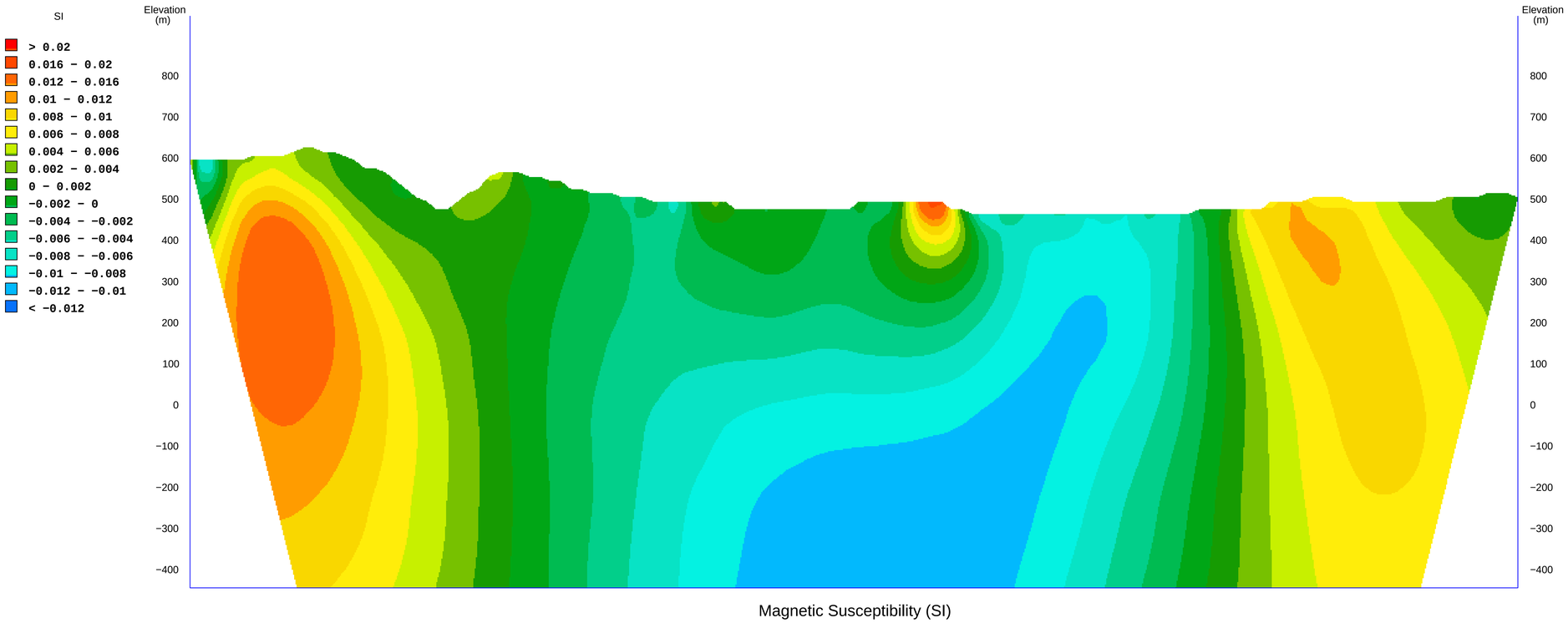
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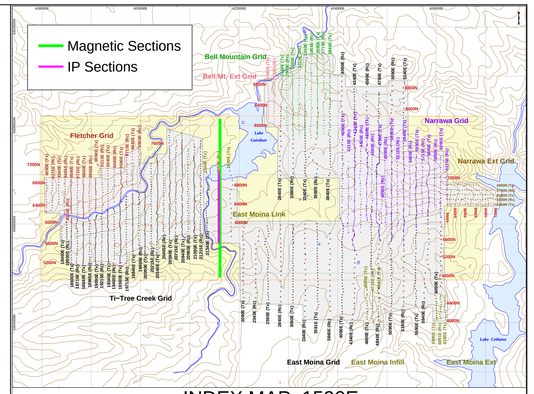
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3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

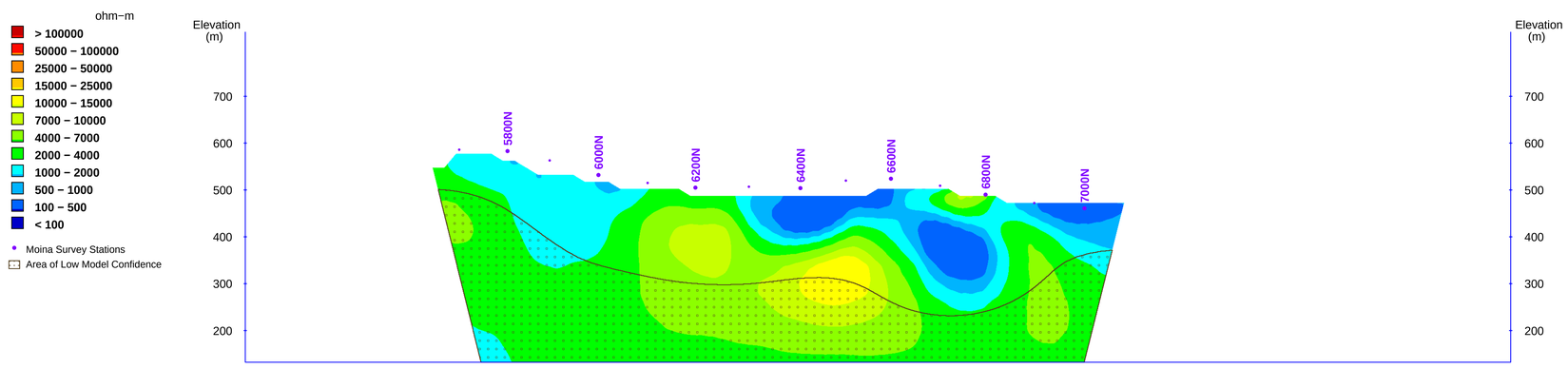
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Section: 21340E

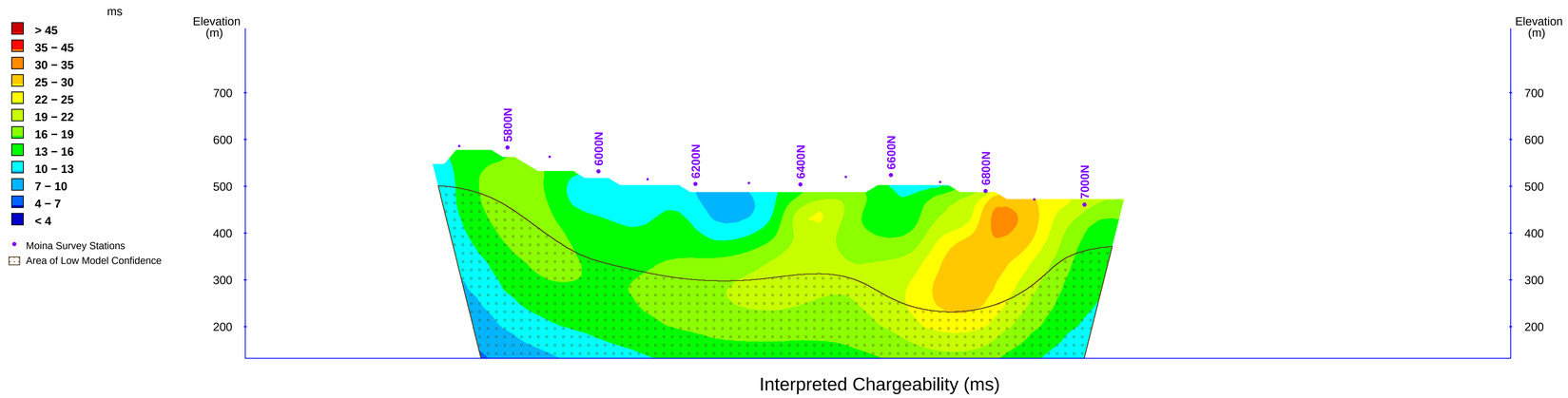
SJ Geophysics Ltd.





INDEX MAP: 1590E





Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
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Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
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Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

0 200 400 600 800
meters

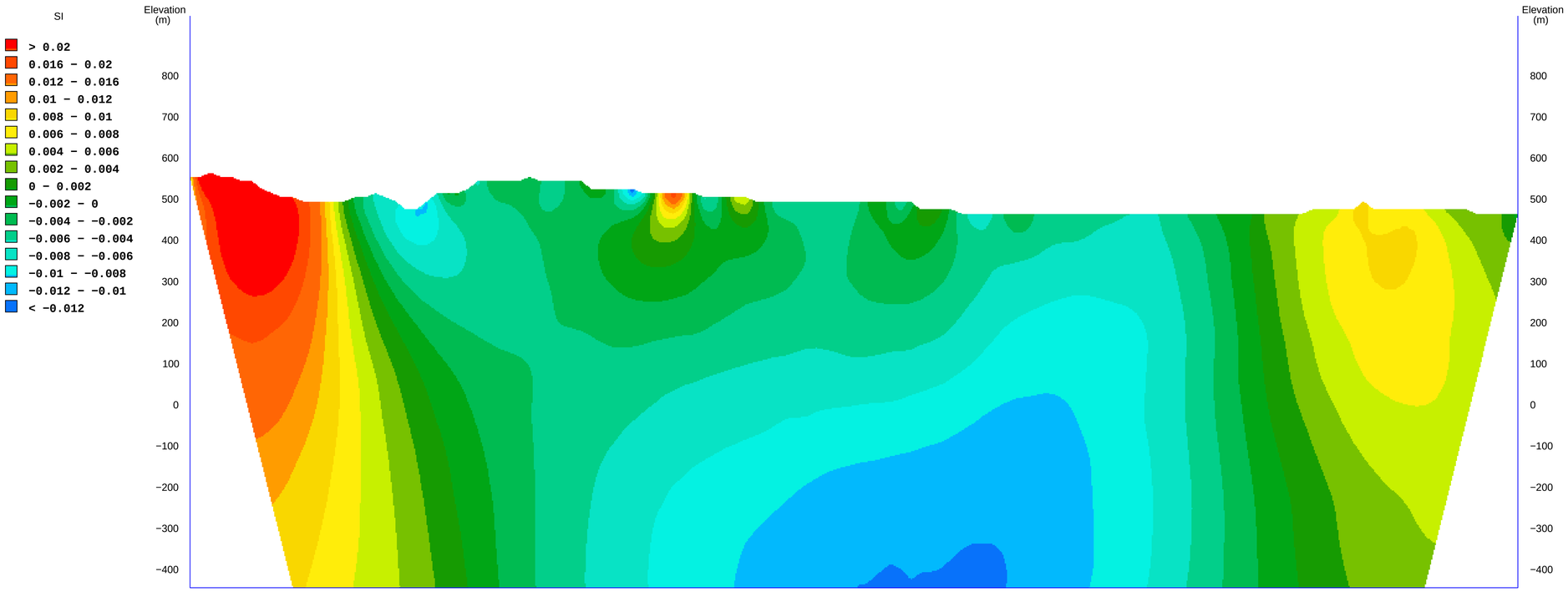
Frontier Resources Ltd.

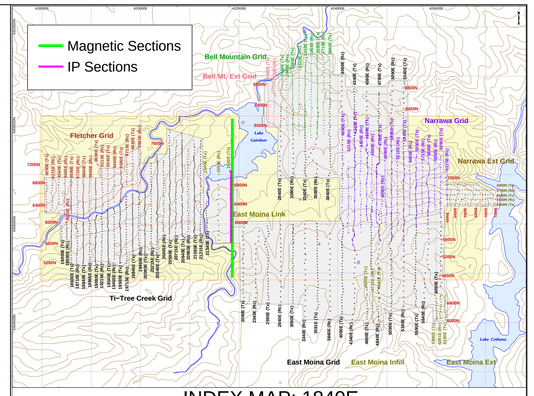
Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

Cross Section Map
Section: 1590E

SJ Geophysics Ltd.



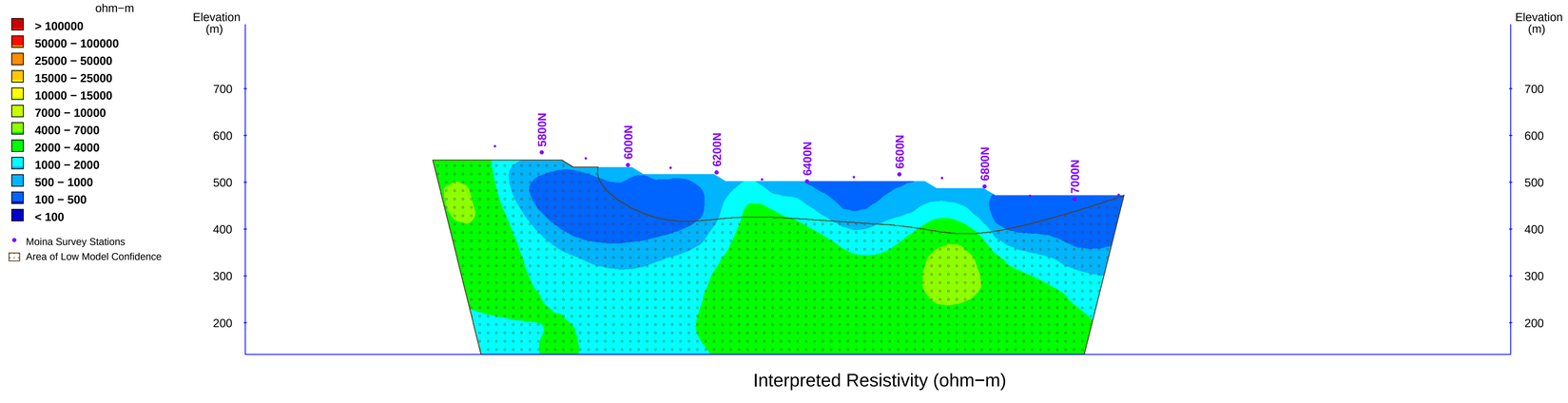


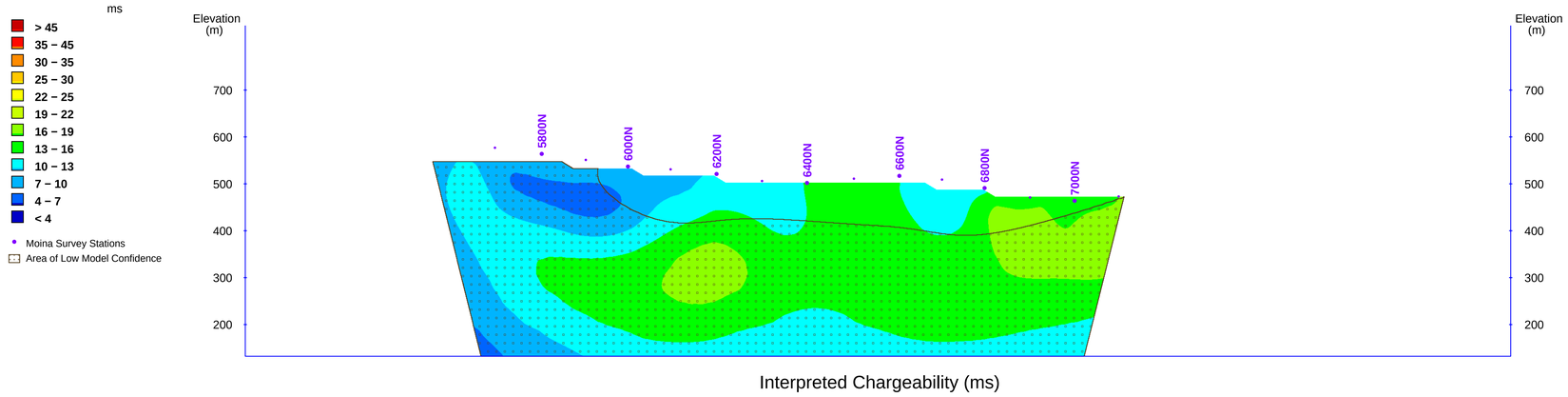
INDEX MAP: 1840E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012





0 200 400 600 800
meters

Frontier Resources Ltd.

Moina Project

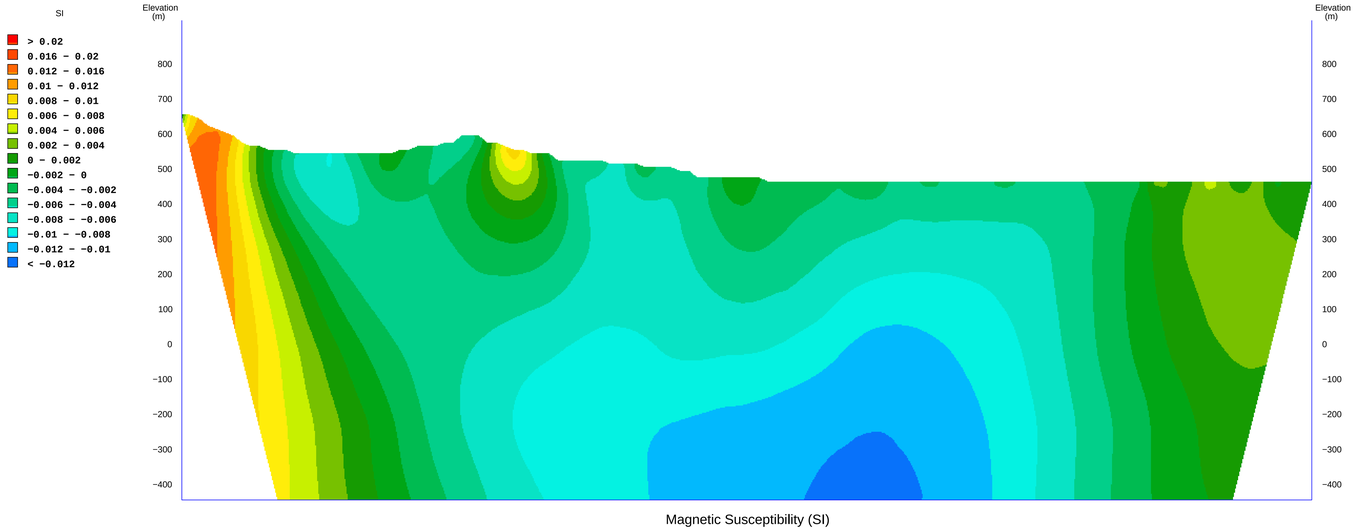
Compilation

Moina, Tasmania, Australia

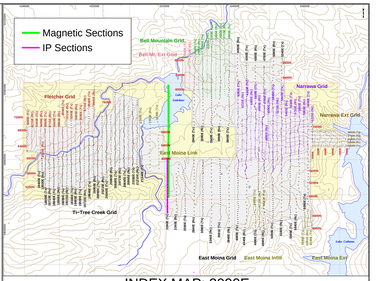
3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

Cross Section Map
Section: 1840E

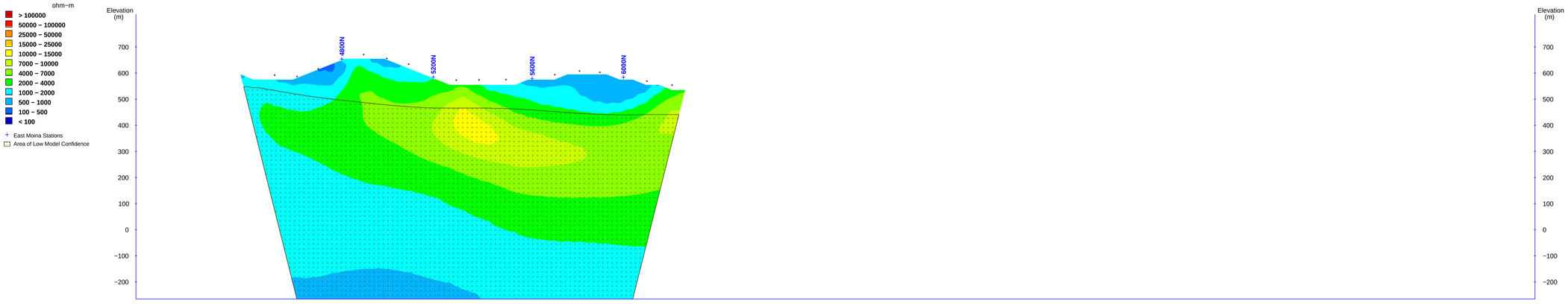
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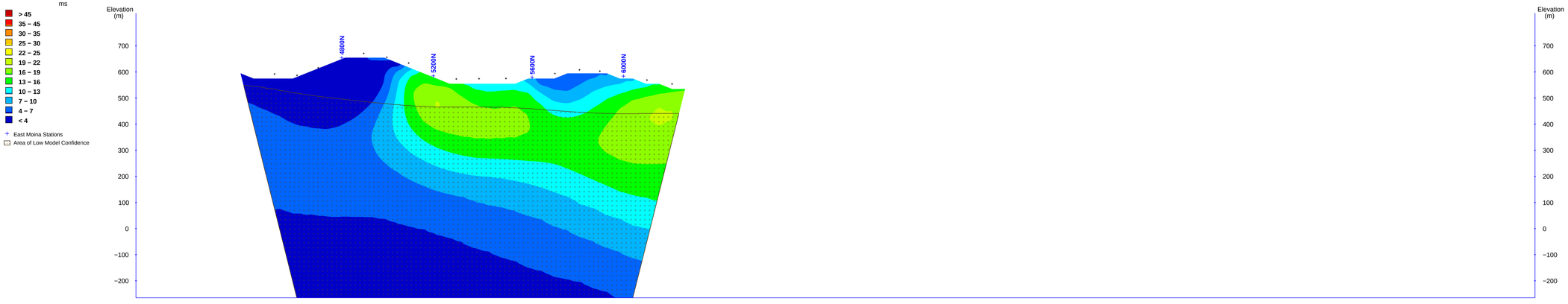
Magnetic Susceptibility (SI)



INDEX MAP: 2090E



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

0 200 400 600 800
meters

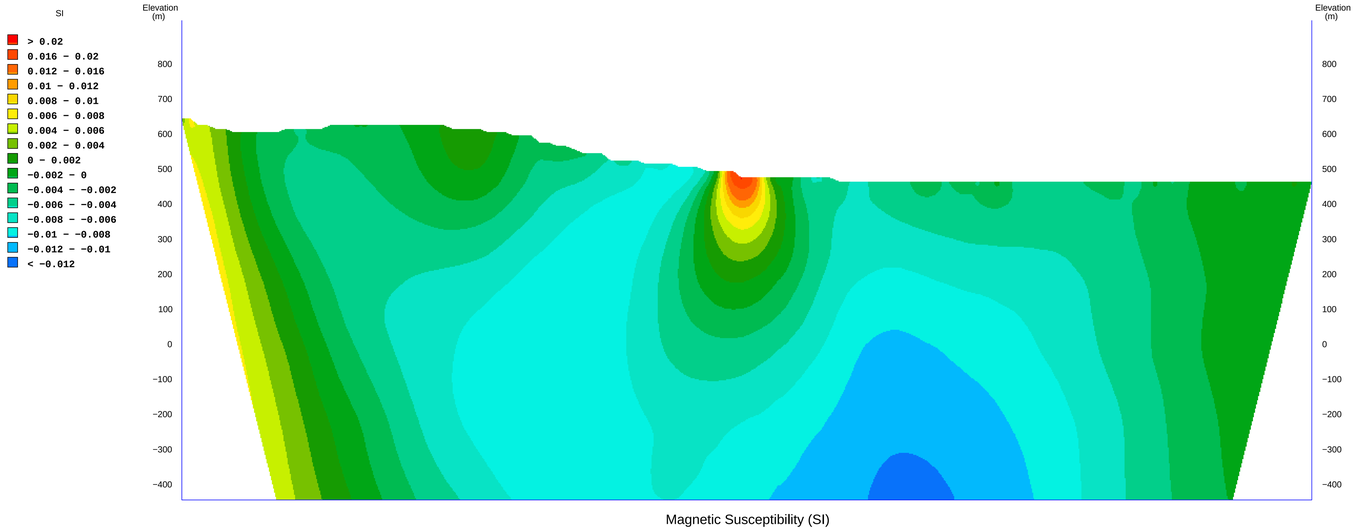
Frontier Resources Ltd.

Moina Project
Compilation
Moina, Tasmania, Australia

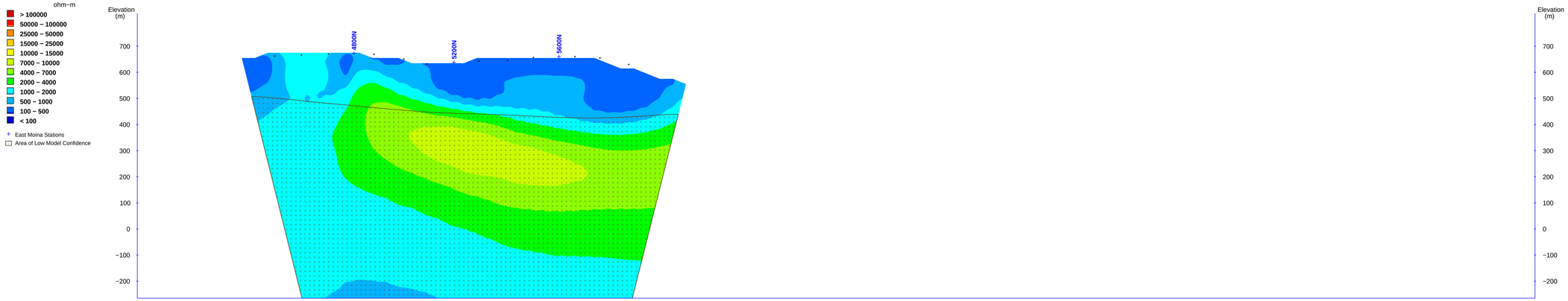
3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

Cross Section Map
Section: 2090E

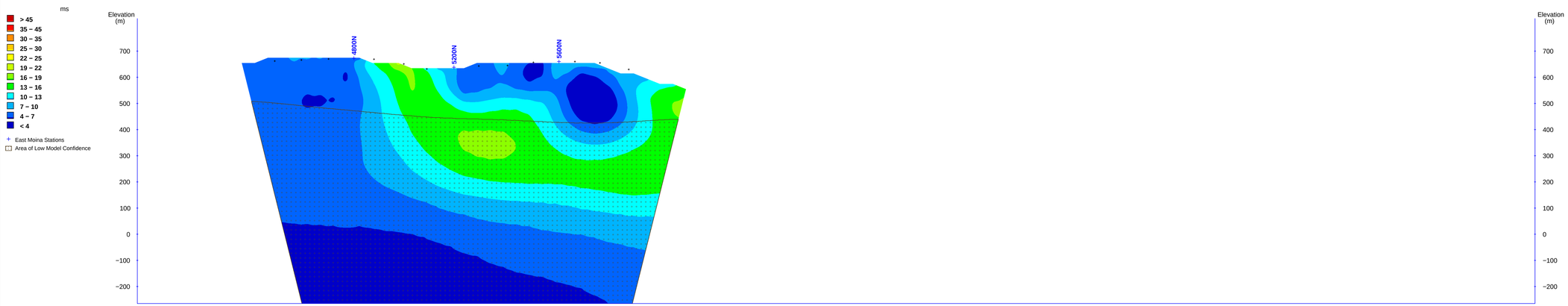
SJ Geophysics Ltd.



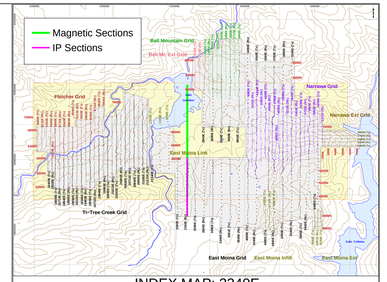
Magnetic Susceptibility (SI)



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 2340E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

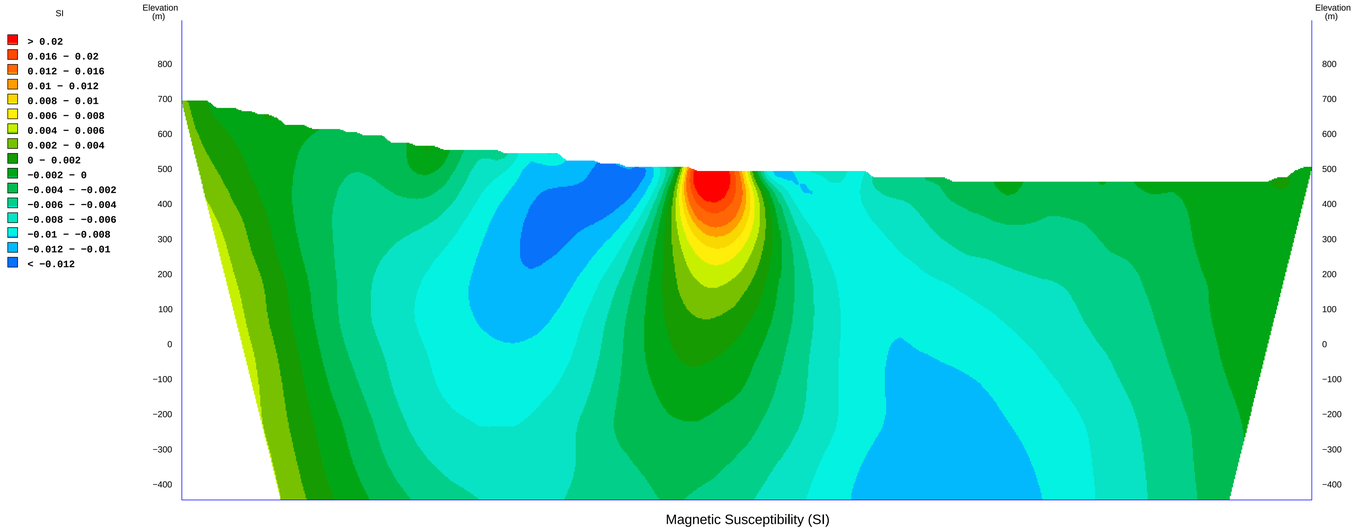
Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

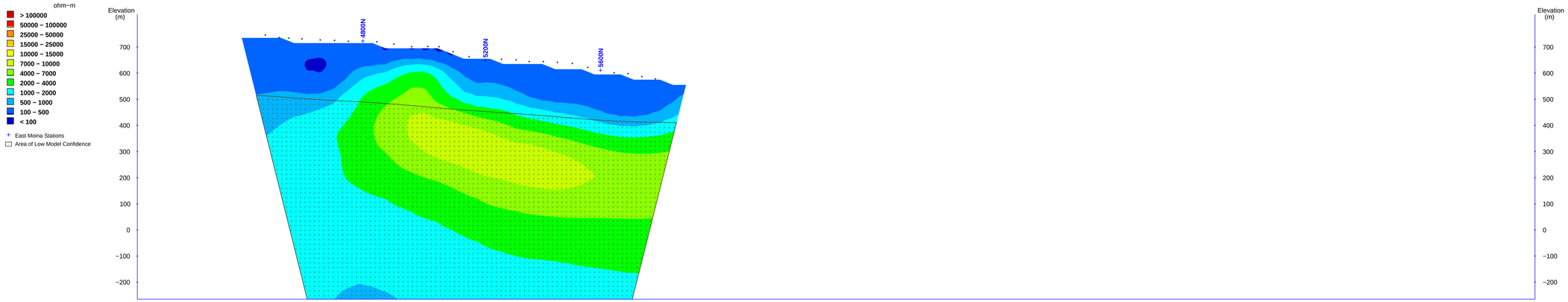
Cross Section Map
Section: 2340E

SJ Geophysics Ltd.

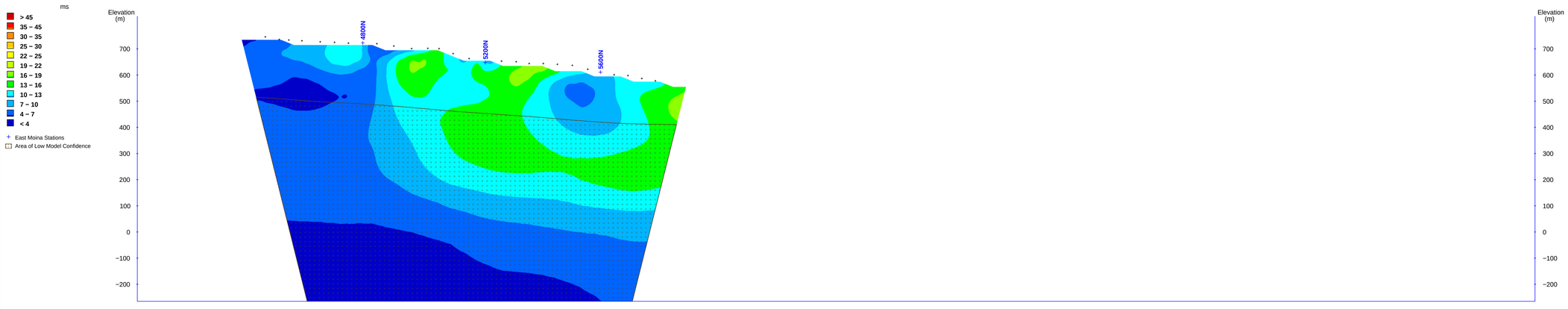
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com



Magnetic Susceptibility (SI)



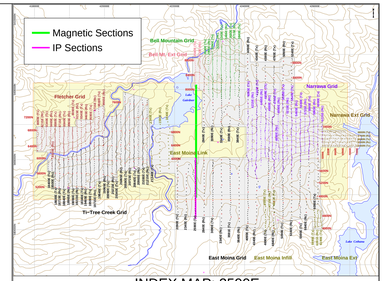
Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)

Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com



INDEX MAP: 2590E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

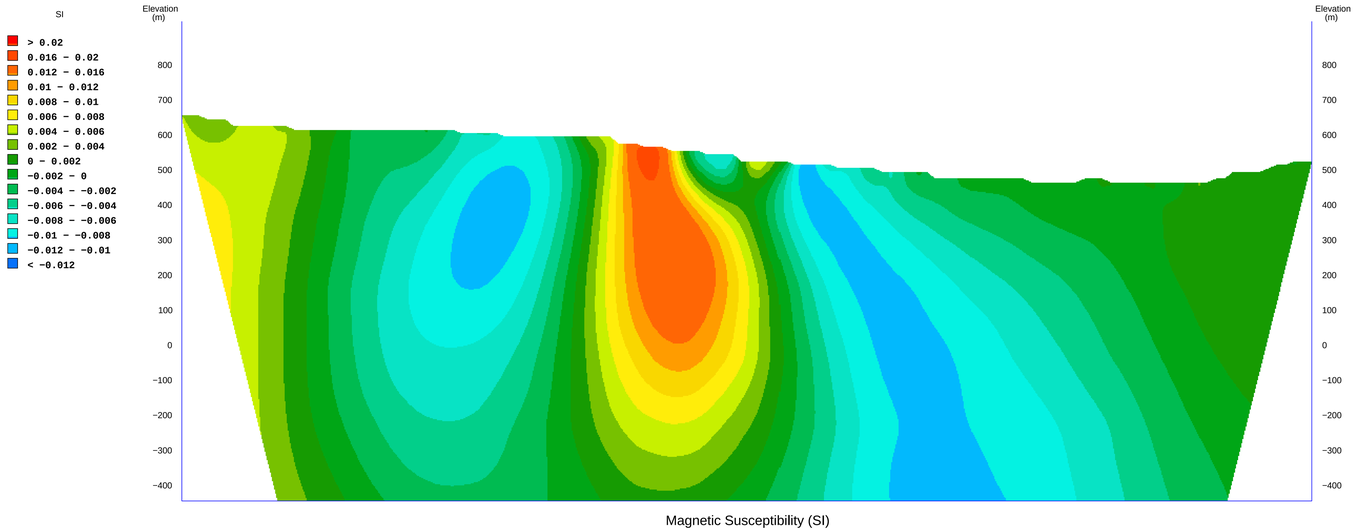
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meters

Frontier Resources Ltd.

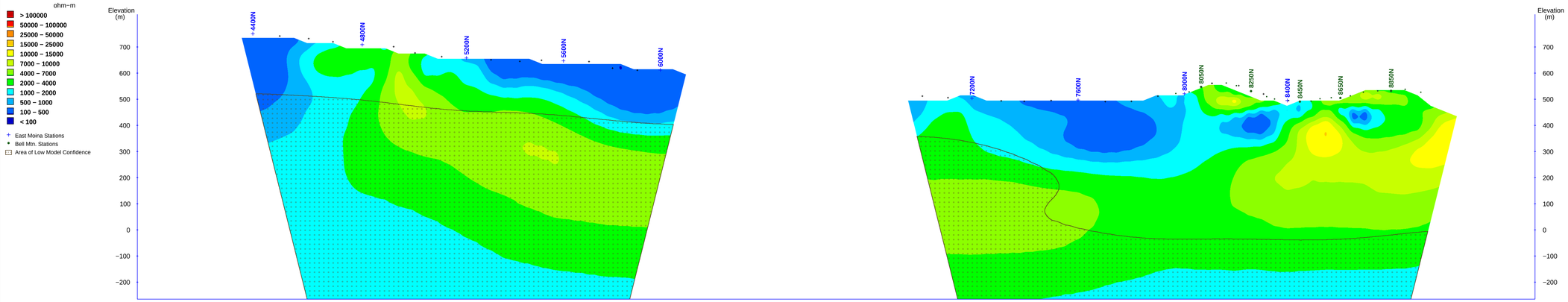
Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

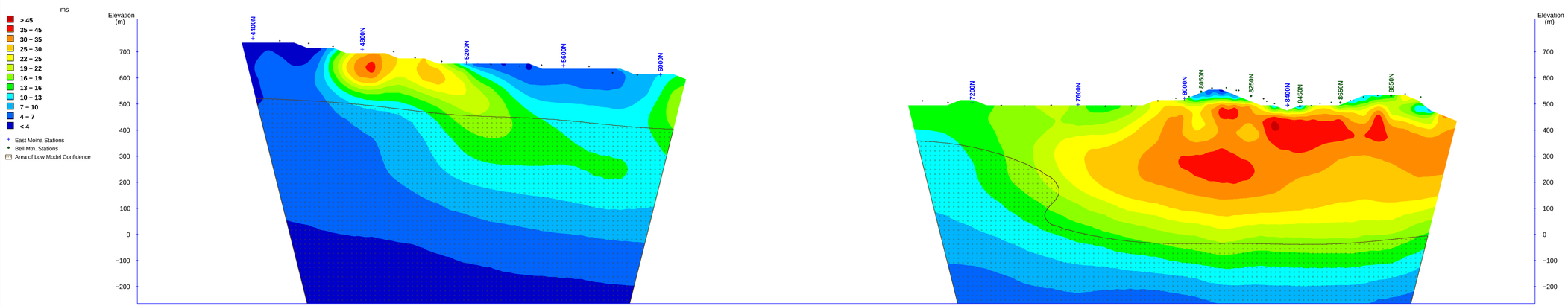
Cross Section Map
Section: 2590E



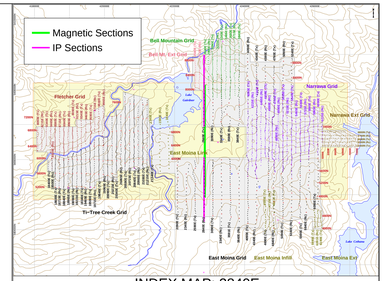
Magnetic Susceptibility (SI)



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 2840E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

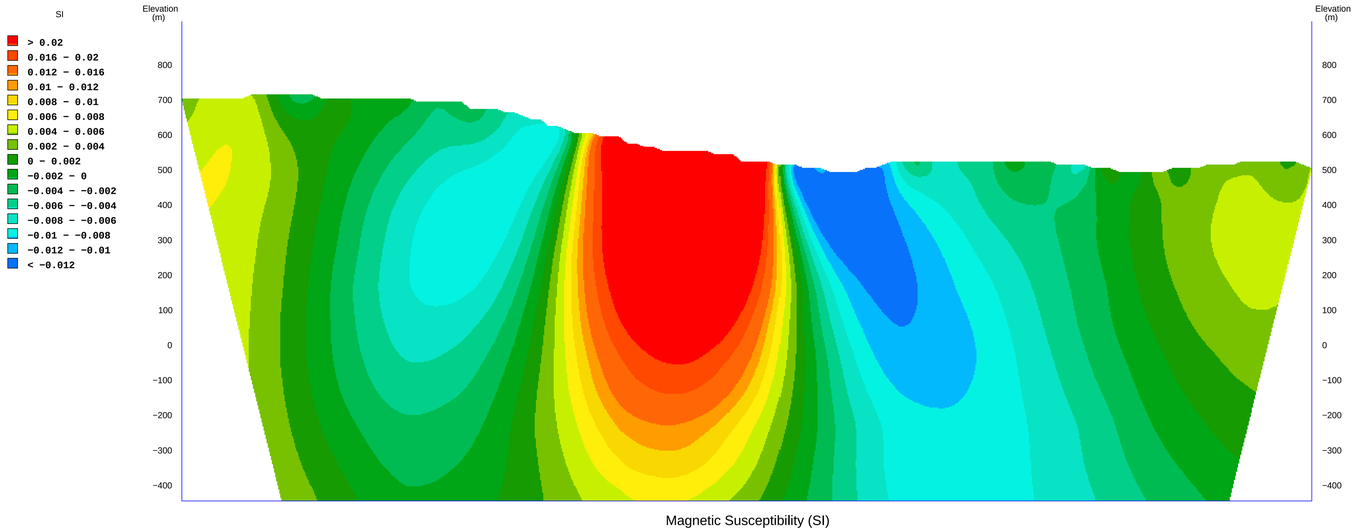
Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

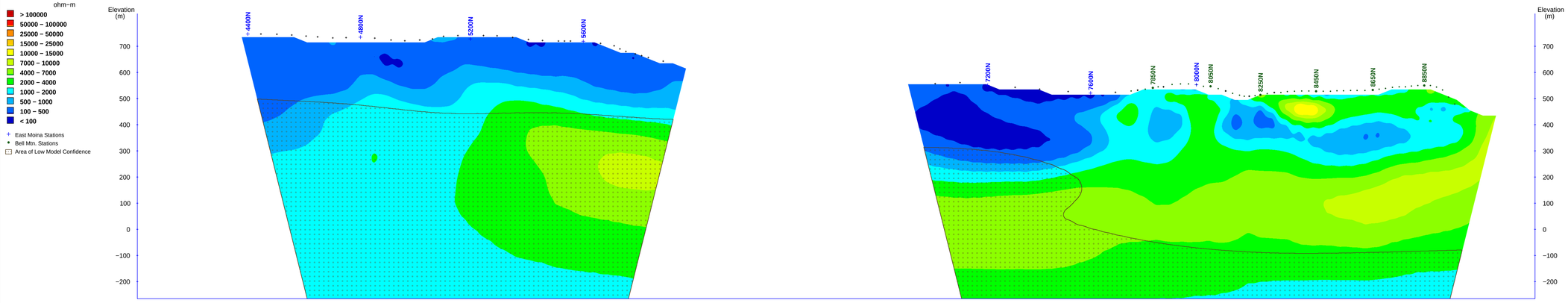
Cross Section Map
Section: 2840E

SJ Geophysics Ltd.

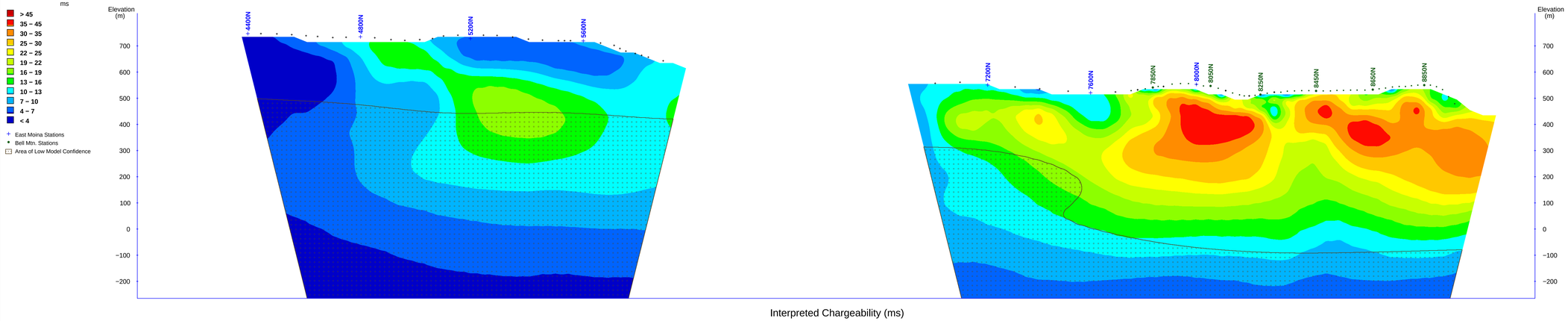
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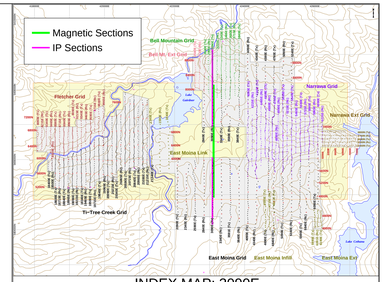
Magnetic Susceptibility (SI)



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 3090E

Project Information:
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Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

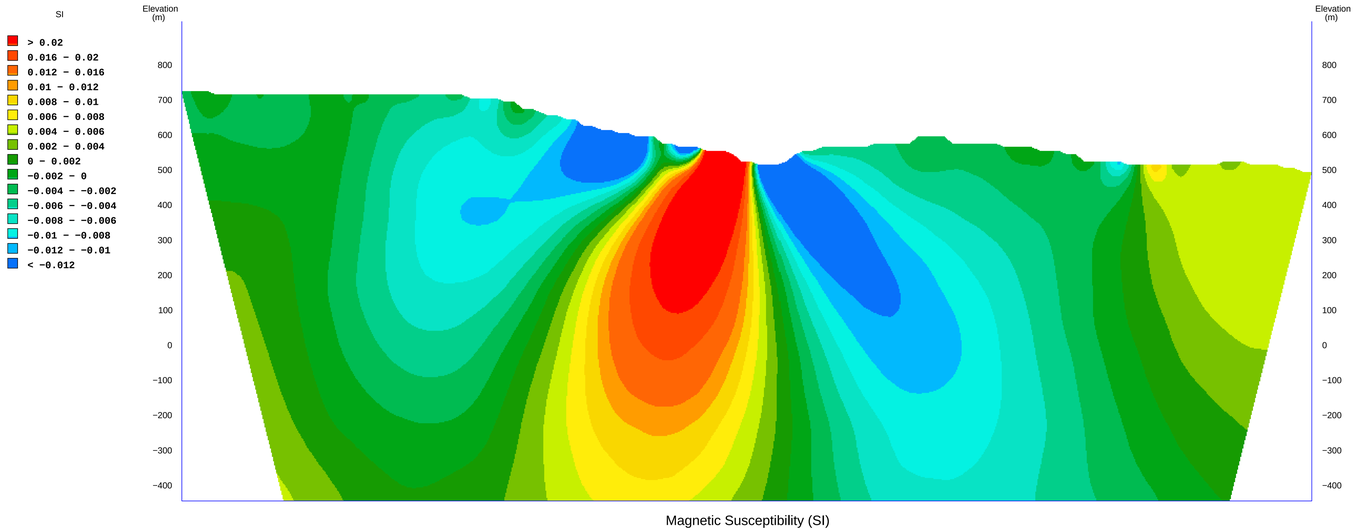
Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

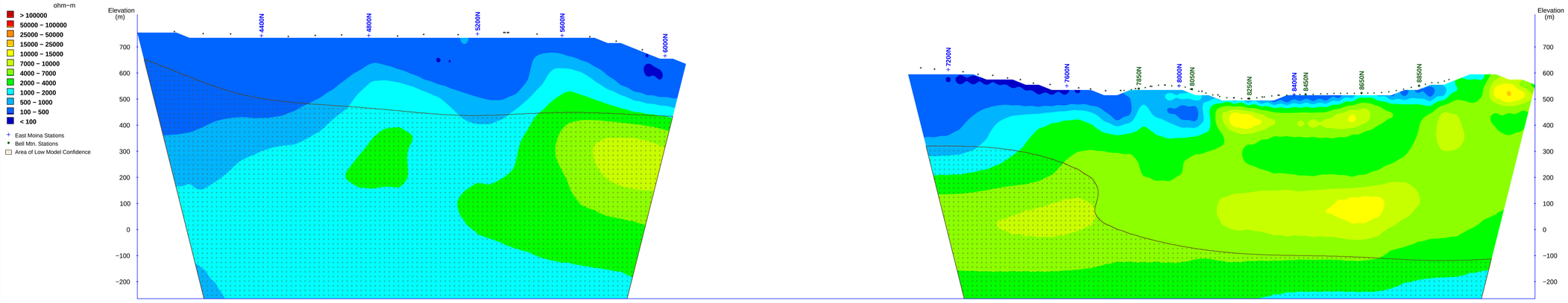
Cross Section Map
Section: 3090E

SJ Geophysics Ltd.

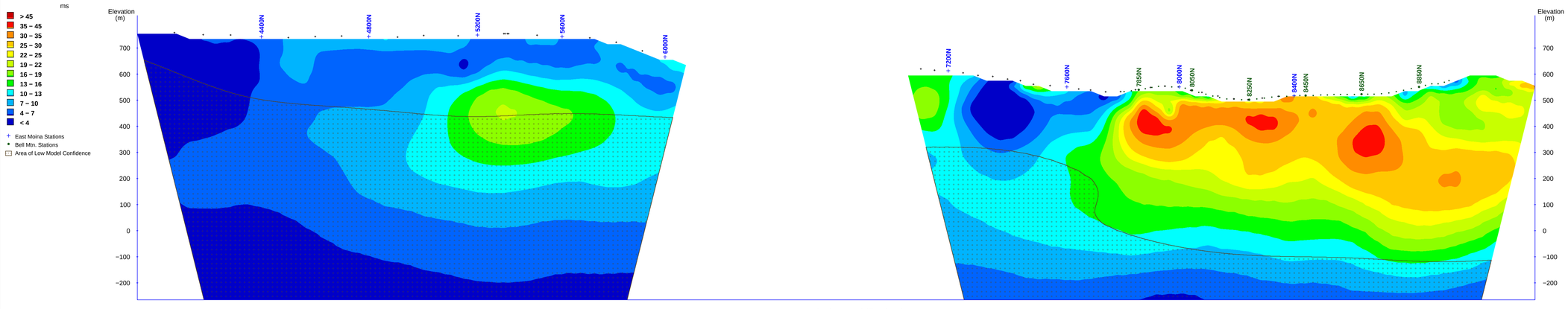
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Magnetic Susceptibility (SI)

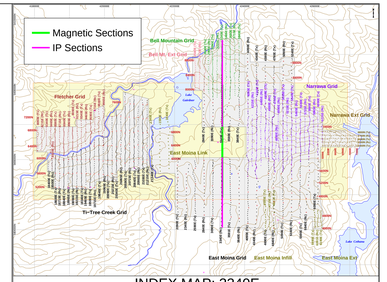


Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)

Geophysics Ltd.



INDEX MAP: 3340E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
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Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

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meters

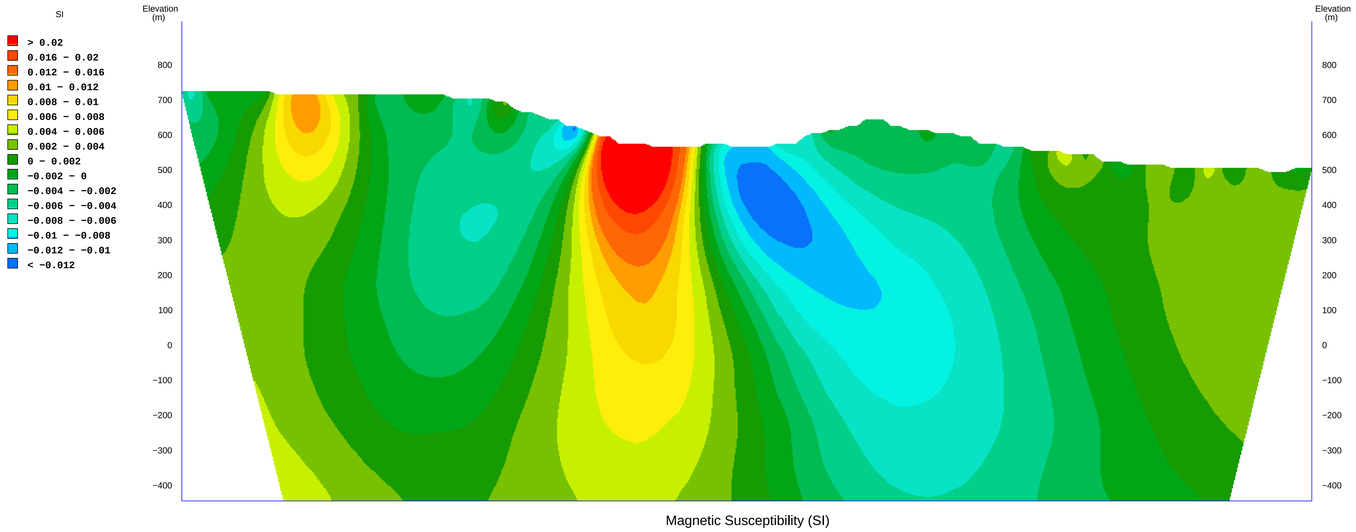
Frontier Resources Ltd.

Moina Project
Compilation
Moina, Tasmania, Australia

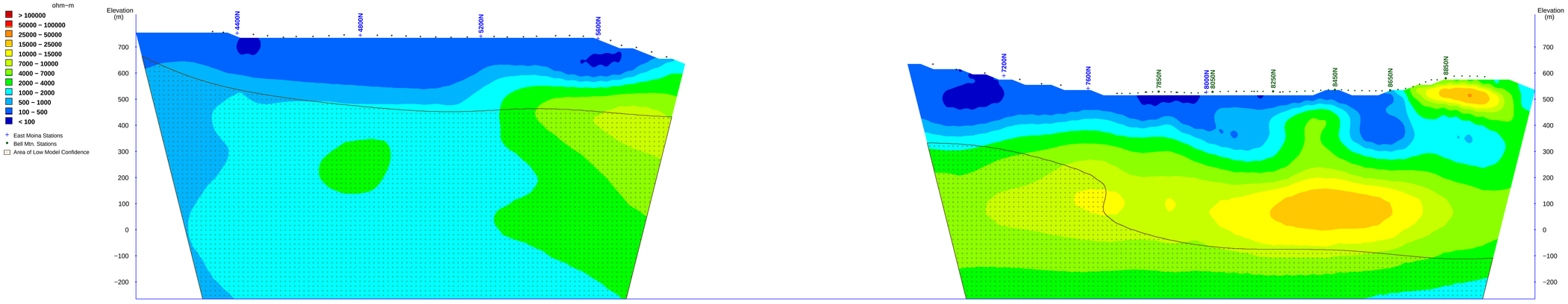
3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

Cross Section Map
Section: 3340E

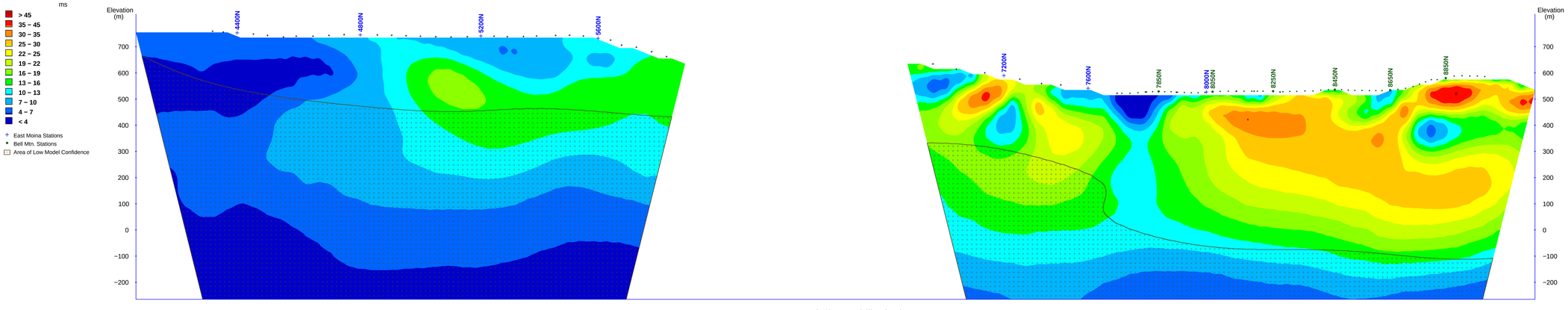
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com



Magnetic Susceptibility (SI)



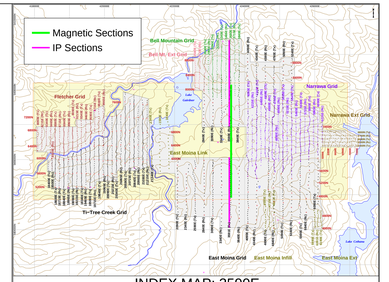
Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)

Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com



INDEX MAP: 3590E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

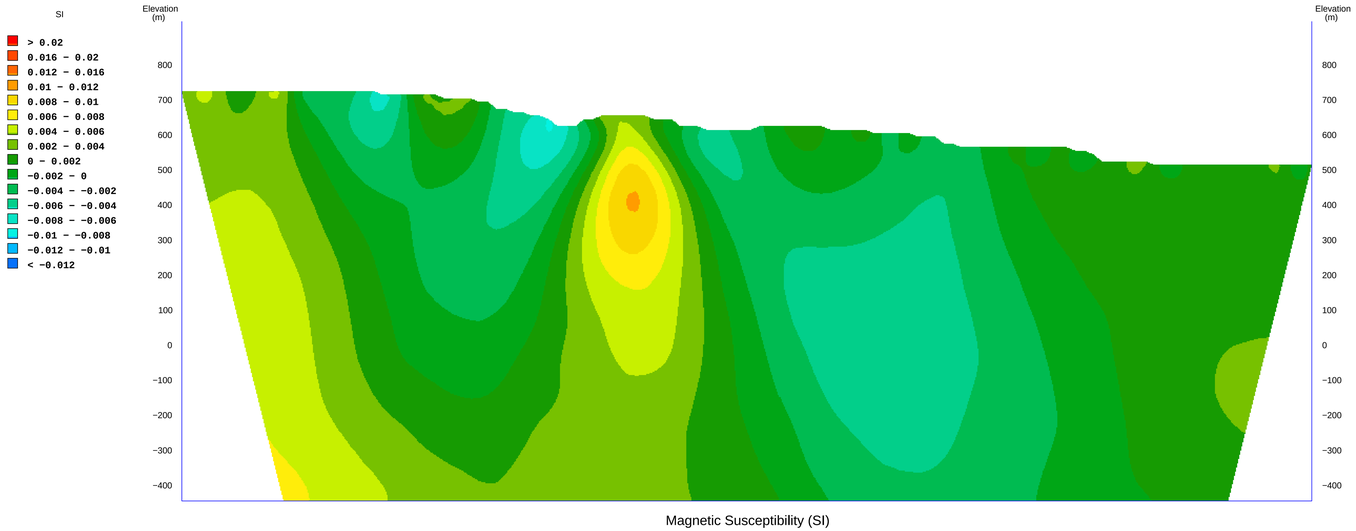
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Frontier Resources Ltd.

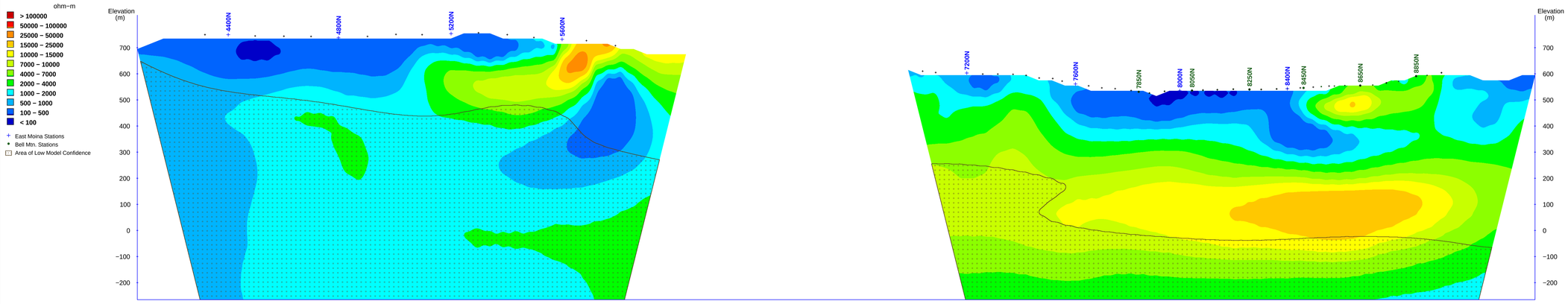
Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

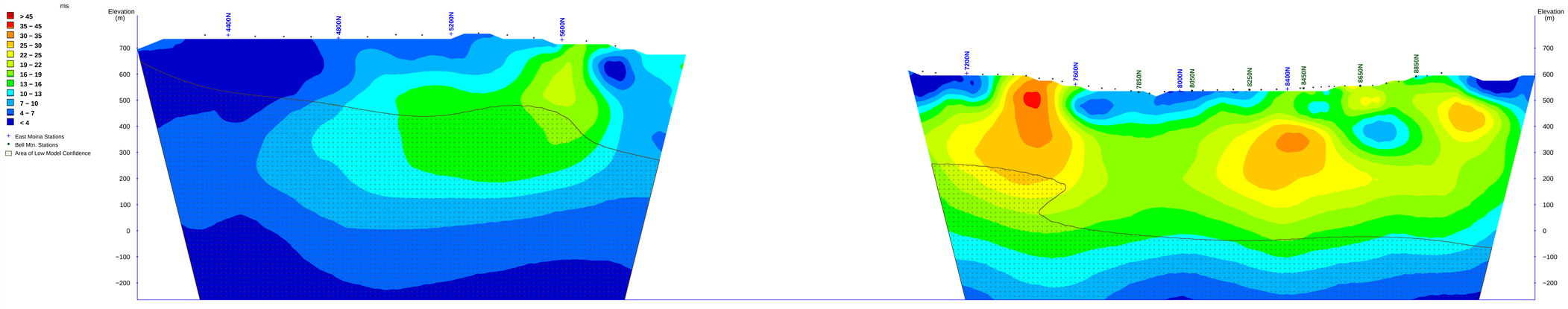
Cross Section Map
Section: 3590E



Magnetic Susceptibility (SI)

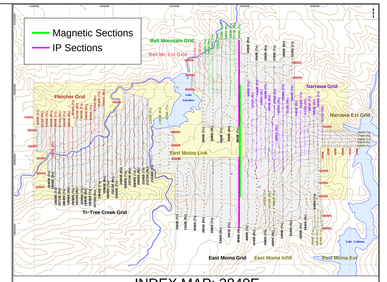


Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)

Geophysics Ltd.



INDEX MAP: 3840E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

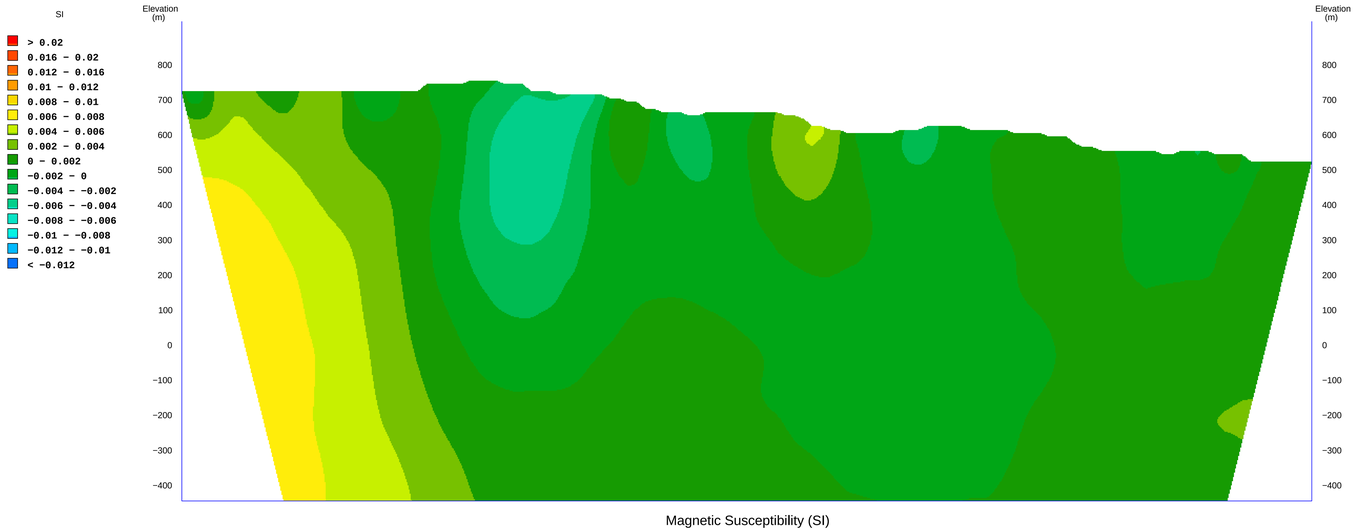
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Frontier Resources Ltd.

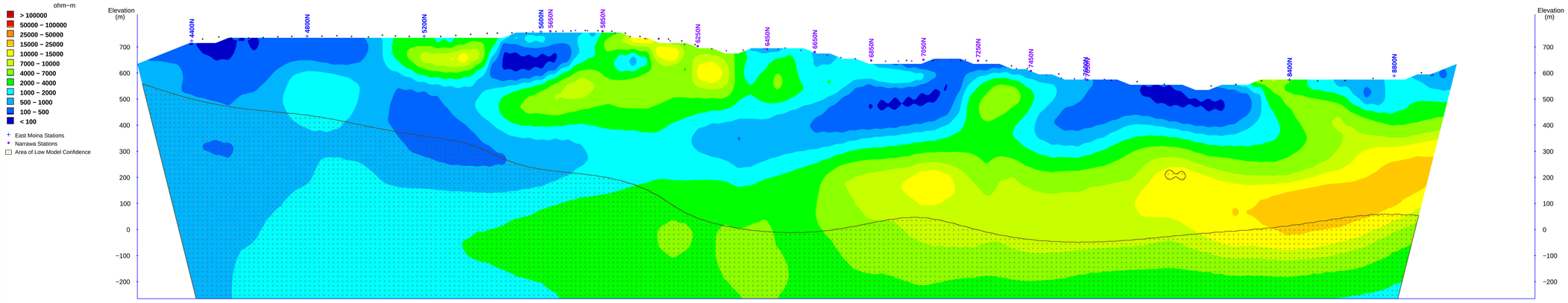
Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

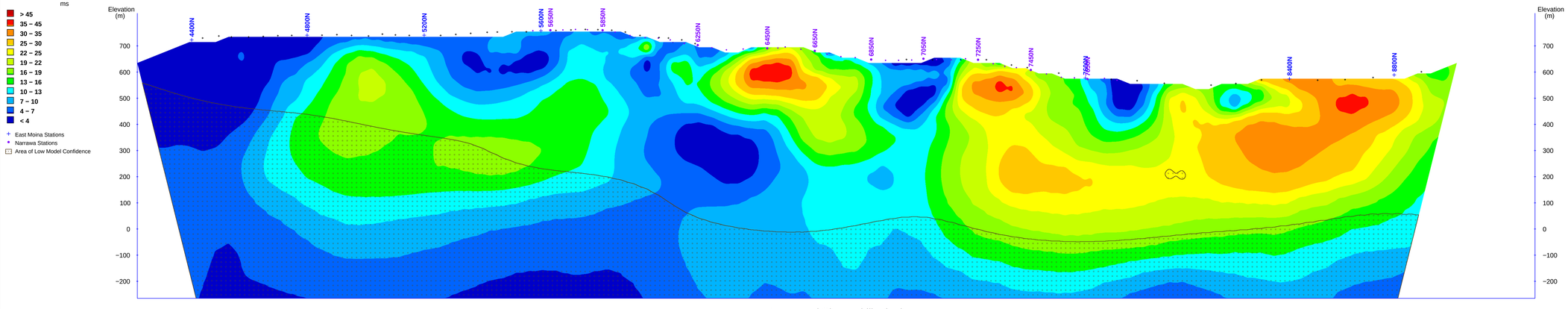
Cross Section Map
Section: 3840E



Magnetic Susceptibility (SI)



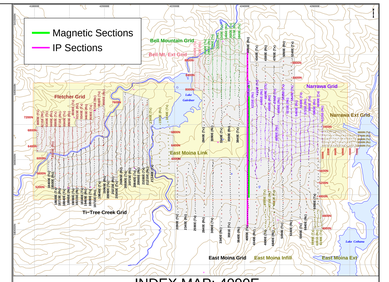
Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)

Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com



INDEX MAP: 4090E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

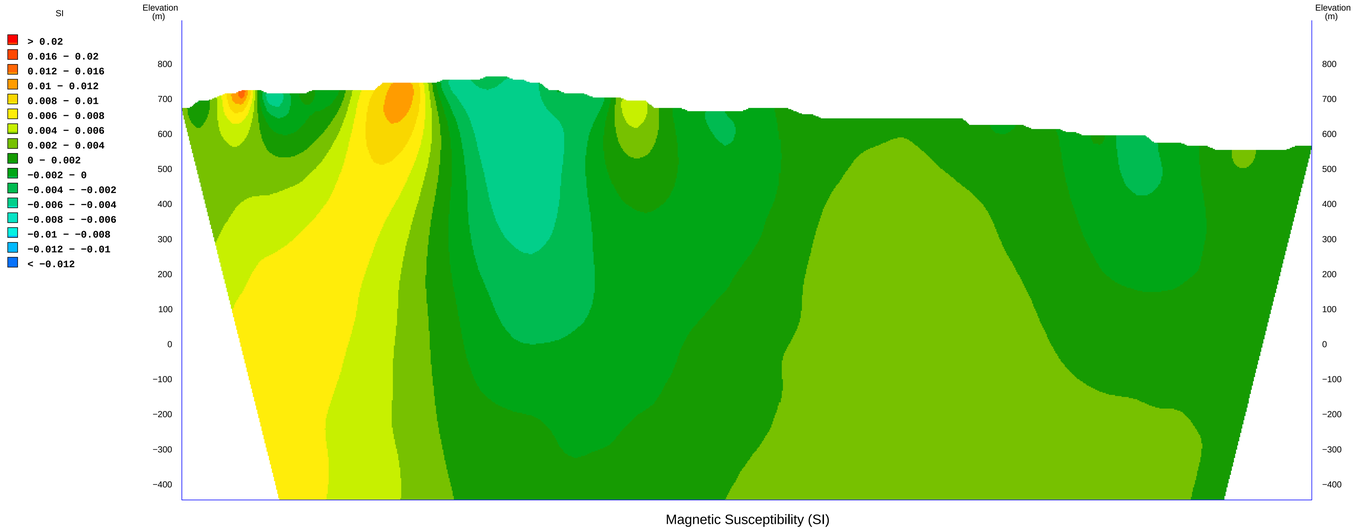
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meters

Frontier Resources Ltd.

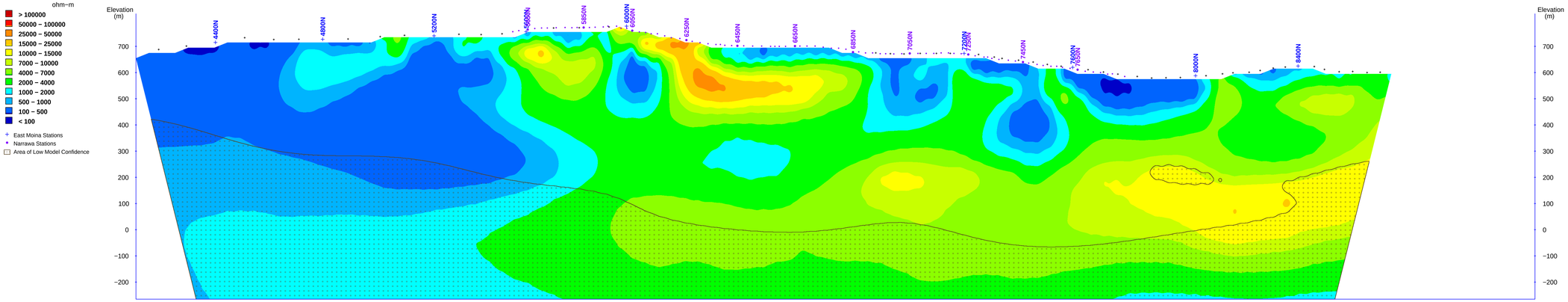
Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

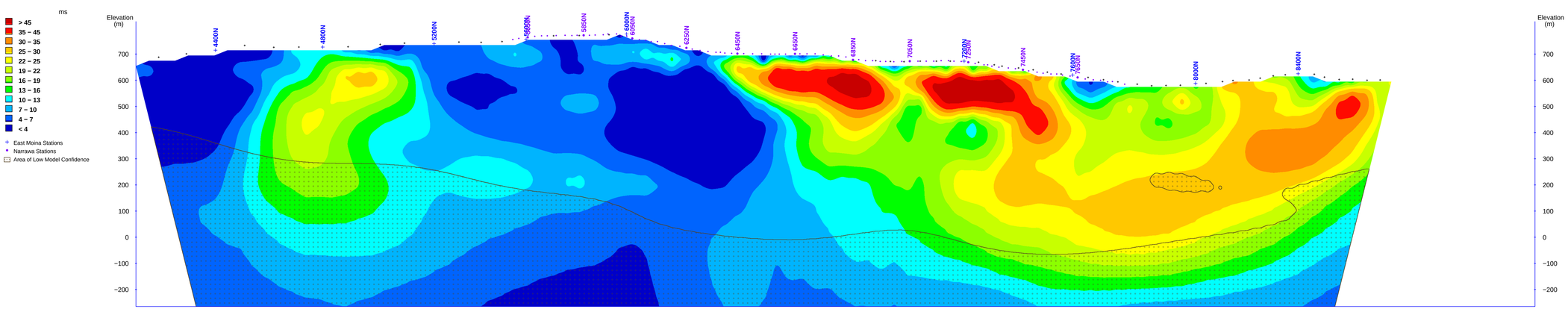
Cross Section Map
Section: 4090E



Magnetic Susceptibility (SI)



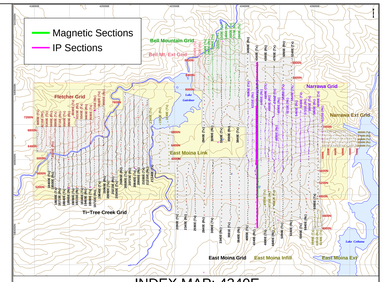
Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)

Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com



INDEX MAP: 4340E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

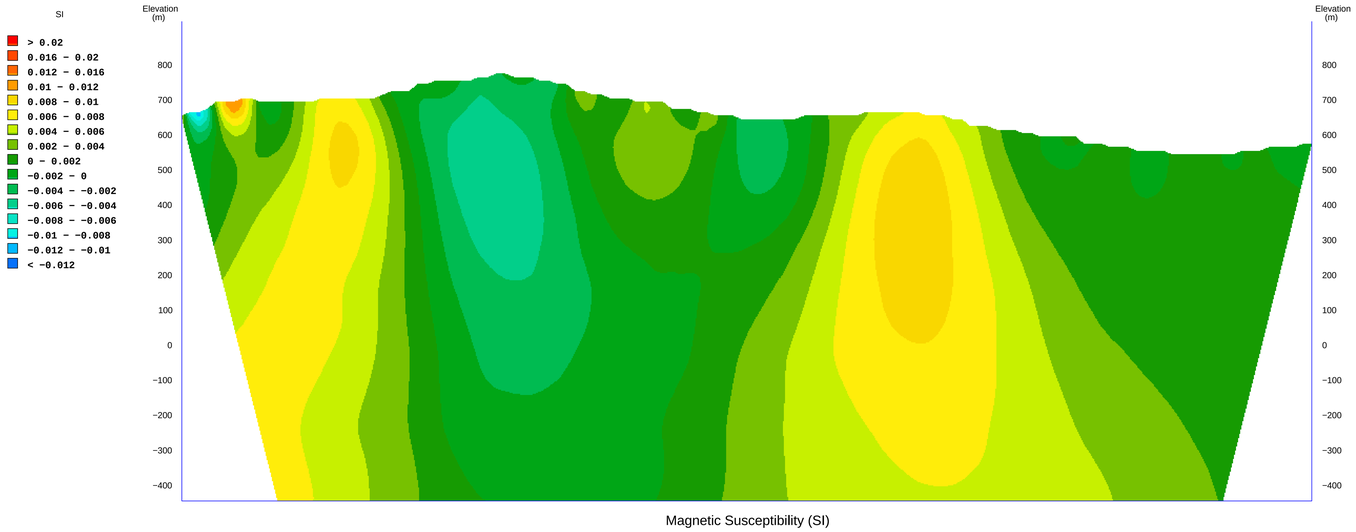
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Frontier Resources Ltd.

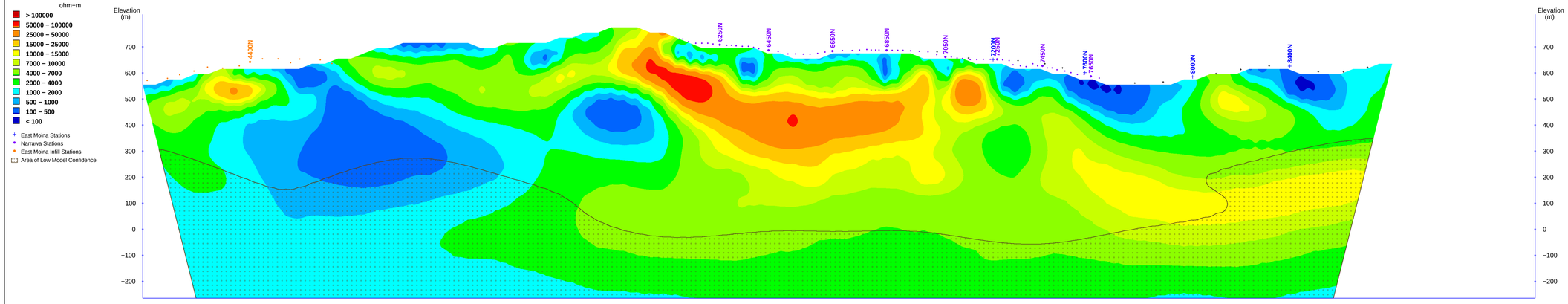
Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

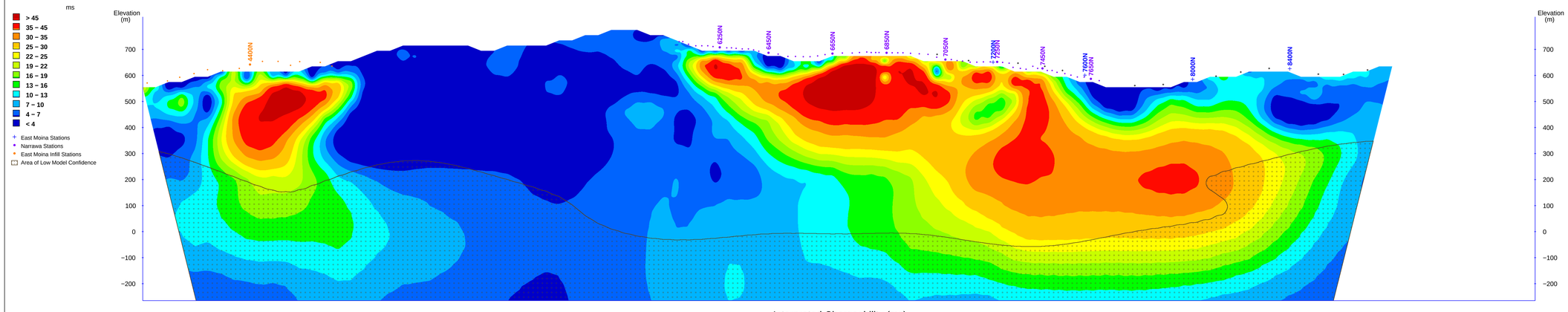
Cross Section Map
Section: 4340E



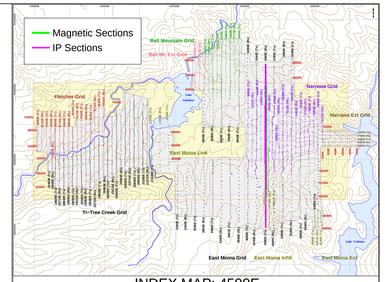
Magnetic Susceptibility (SI)



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 4590E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

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meters

Frontier Resources Ltd.

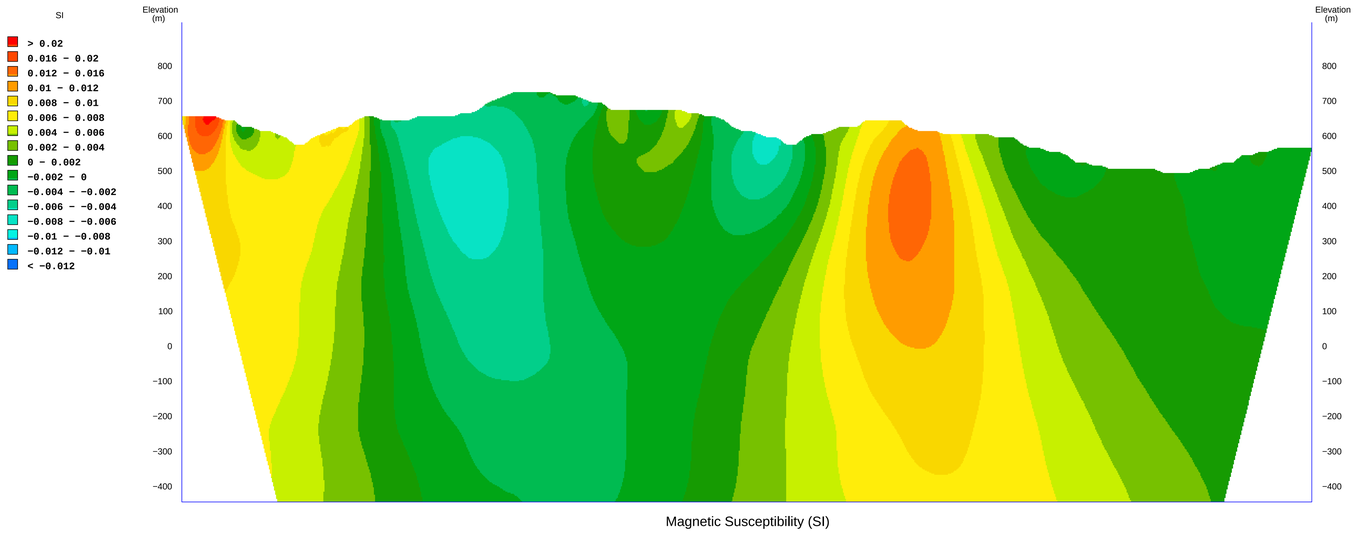
Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

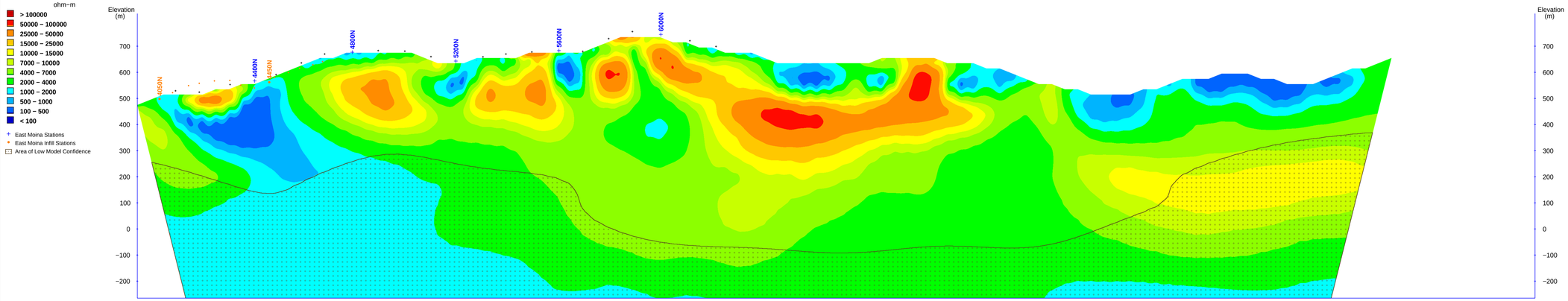
Cross Section Map
Section: 4590E

SJ Geophysics Ltd.

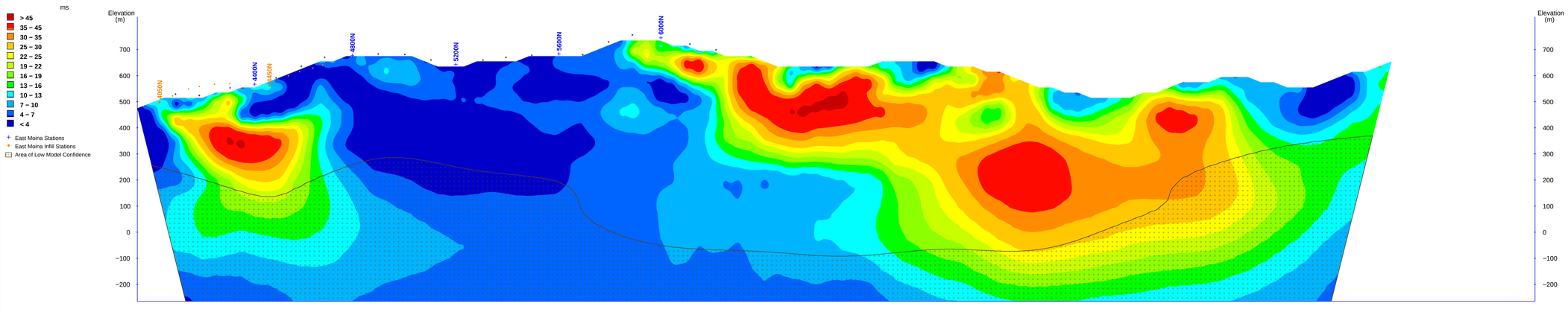
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com



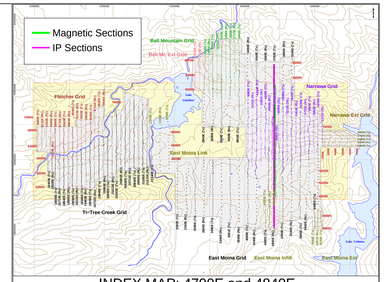
Magnetic Susceptibility (SI)



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 4790E and 4840E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

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meters

Frontier Resources Ltd.

Moina Project

Compilation

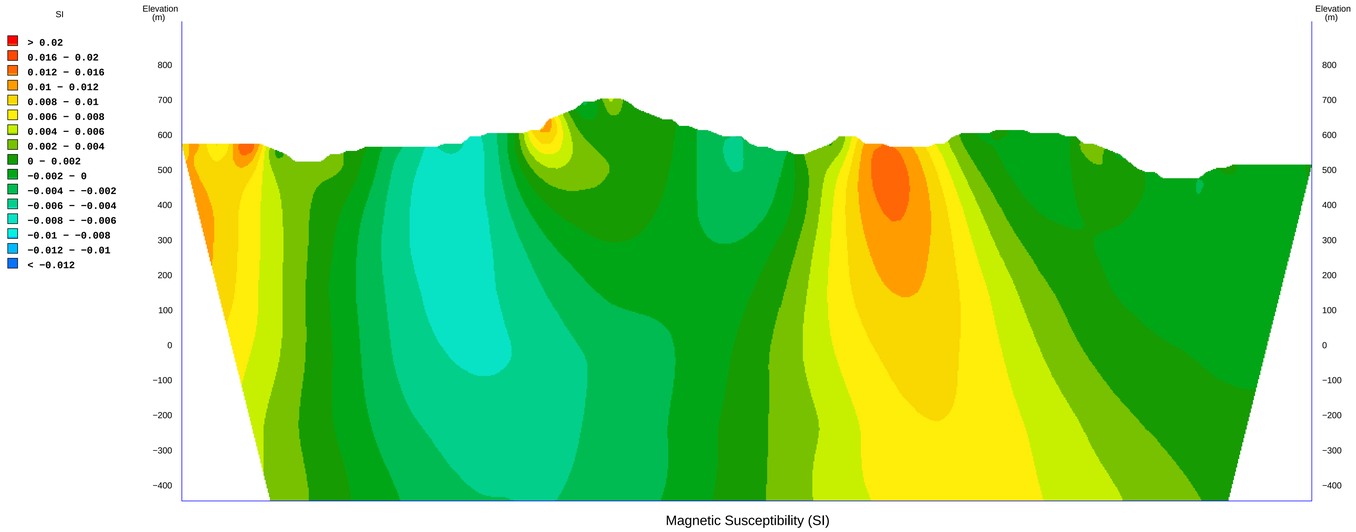
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

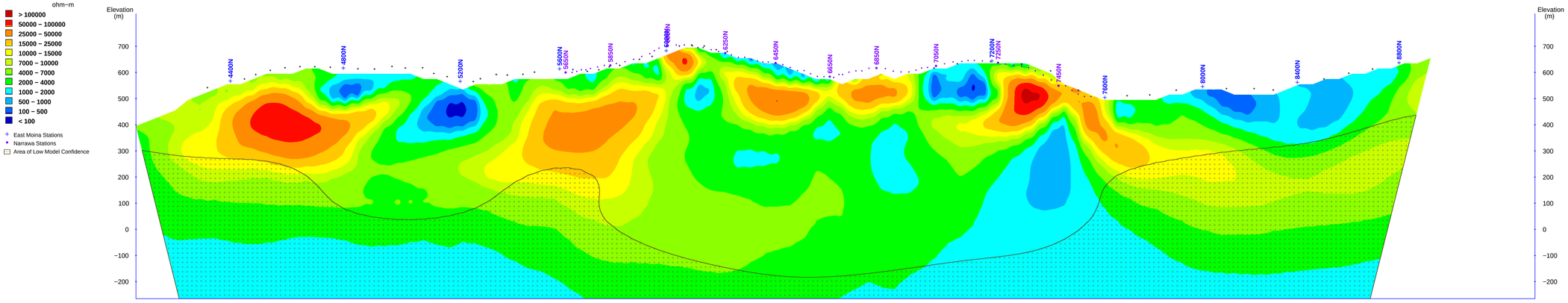
Cross Section Map
Section: 4840E

SJ Geophysics Ltd.

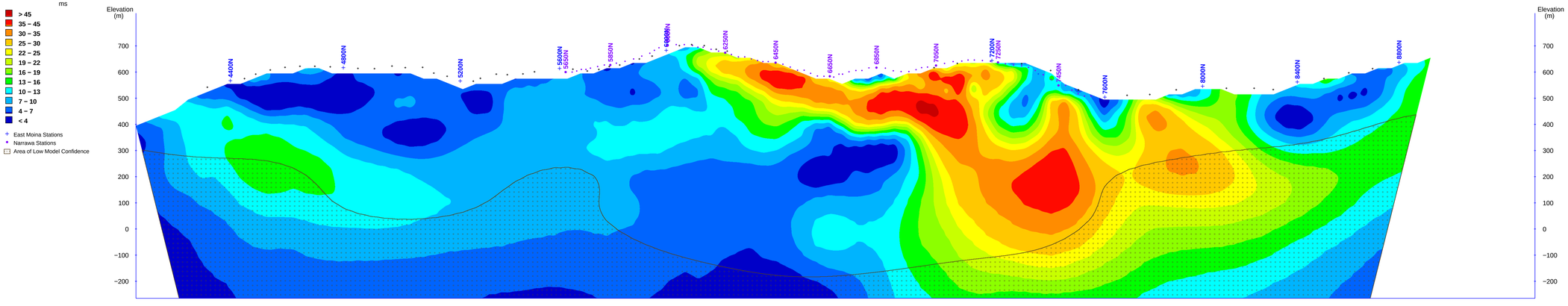
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com



Magnetic Susceptibility (SI)



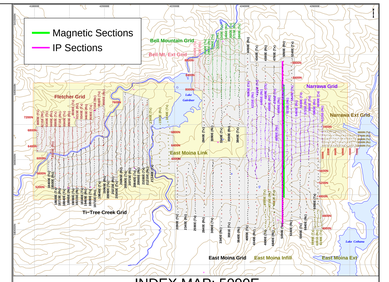
Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)

Sj Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com



INDEX MAP: 5090E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

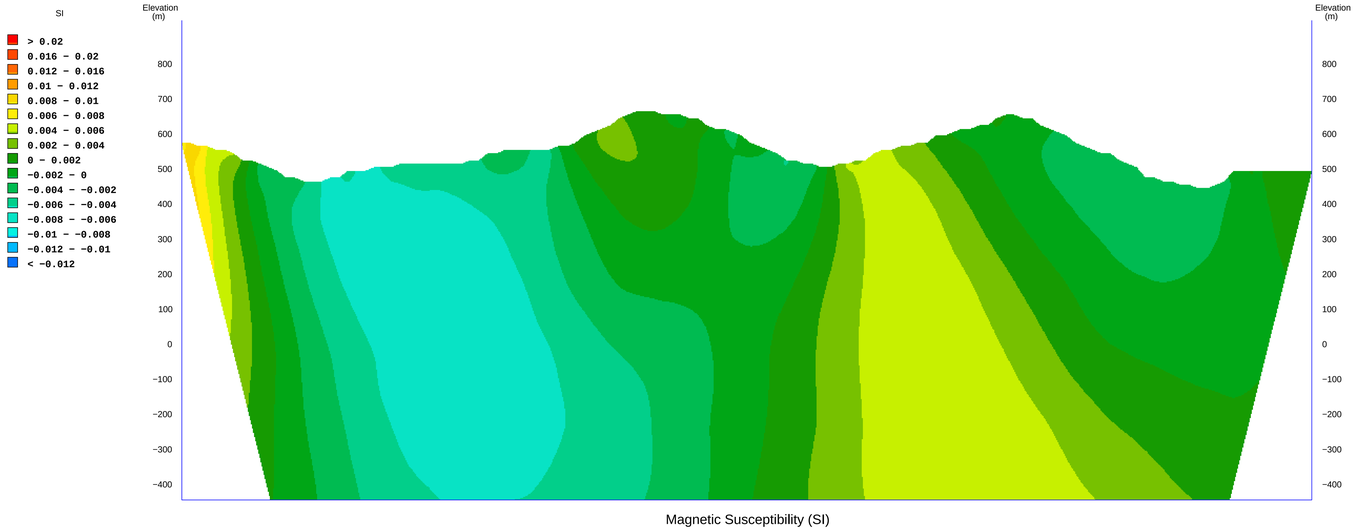
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Frontier Resources Ltd.

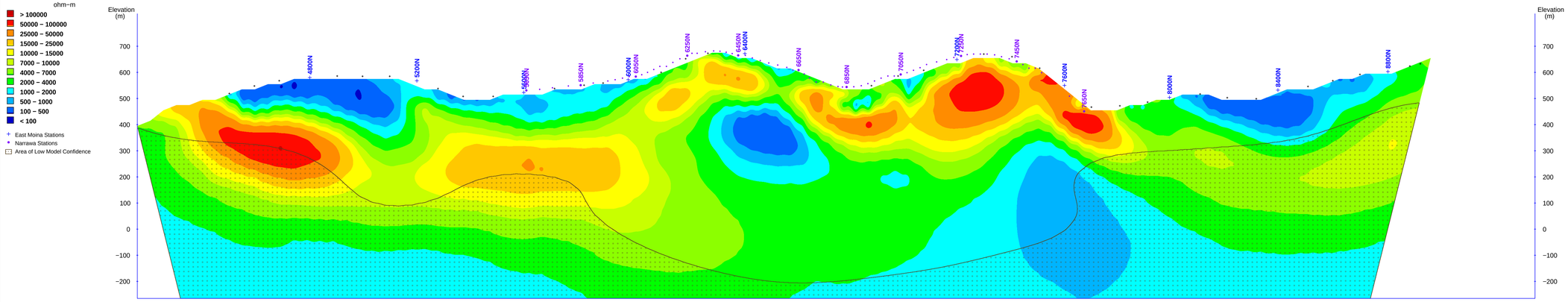
Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

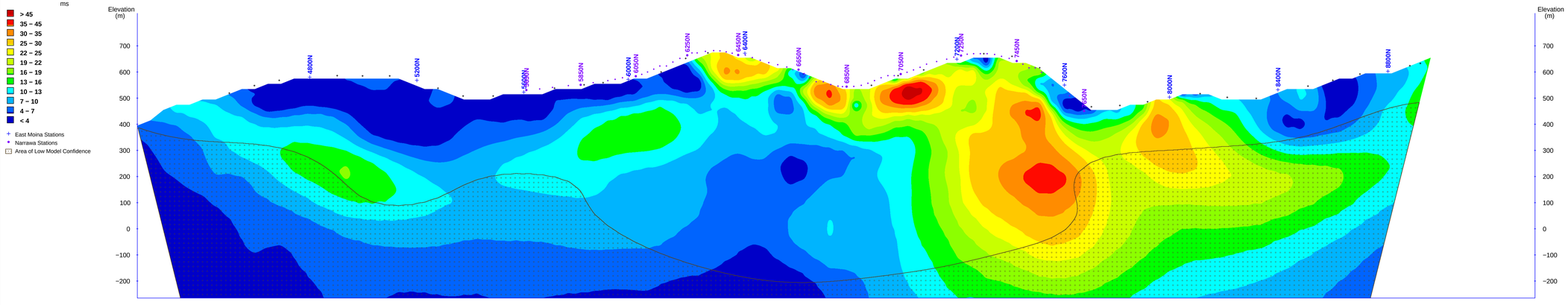
Cross Section Map
Section: 5090E



Magnetic Susceptibility (SI)



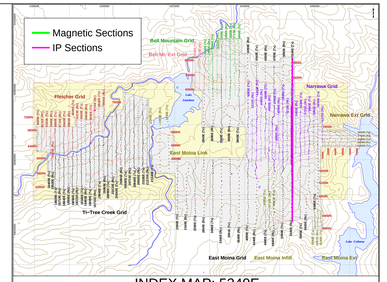
Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)

Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com



INDEX MAP: 5340E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

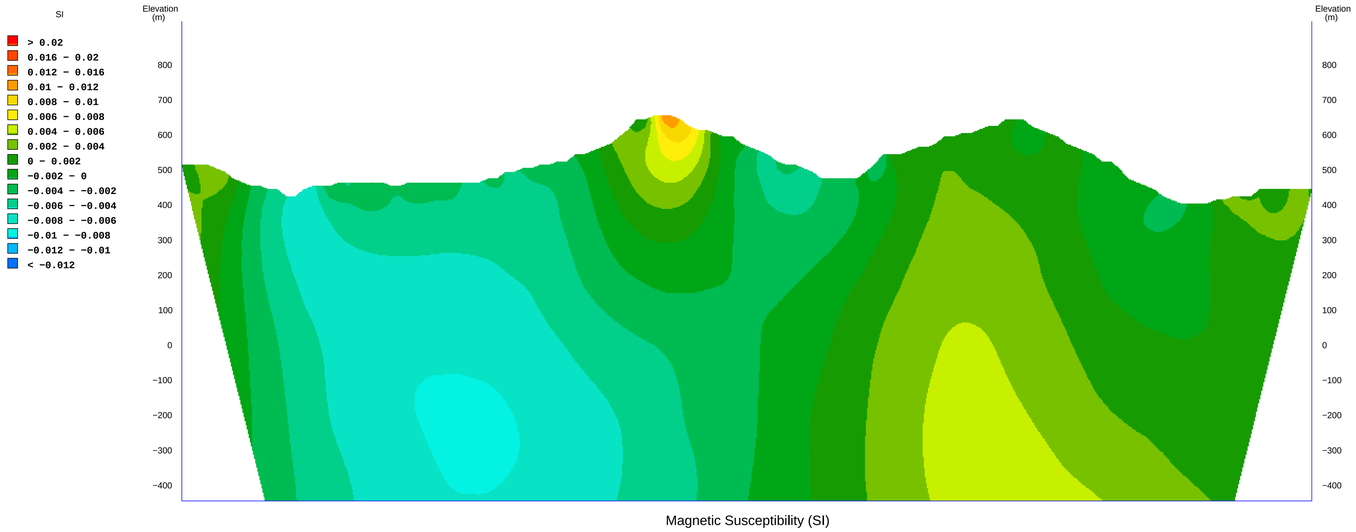
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Frontier Resources Ltd.

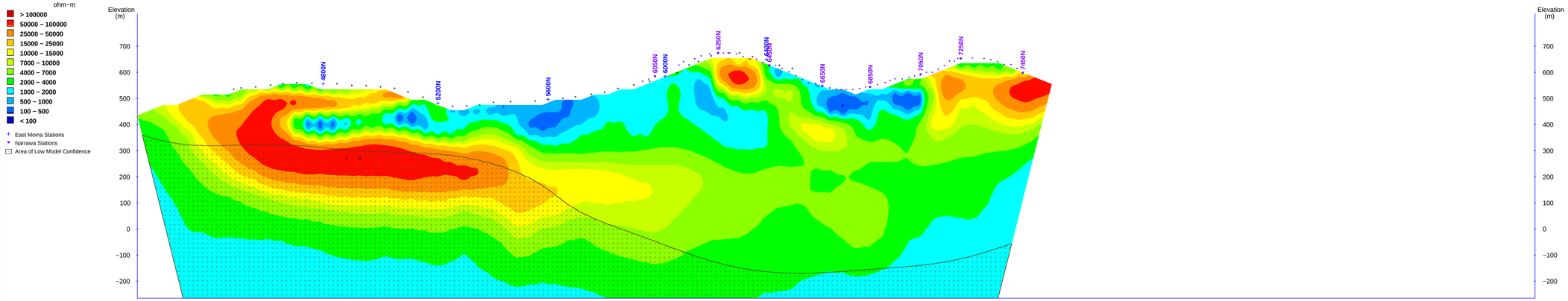
Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

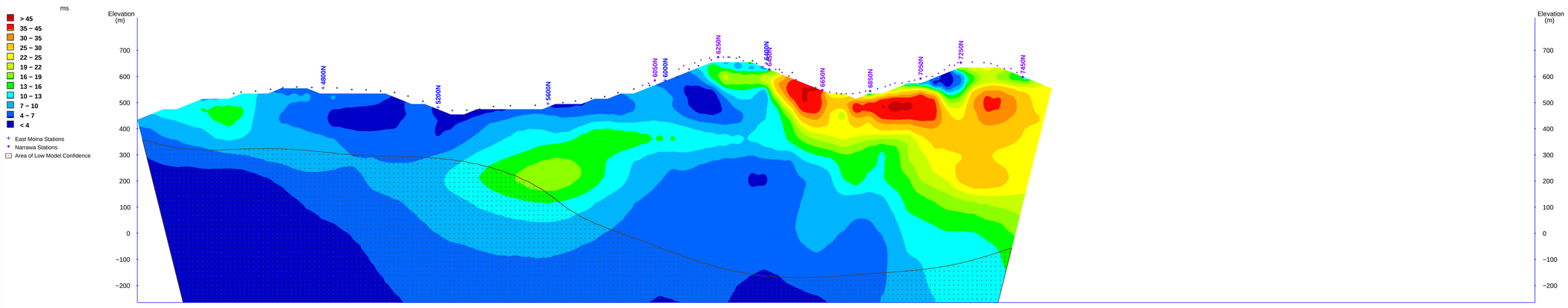
Cross Section Map
Section: 5340E



Magnetic Susceptibility (SI)



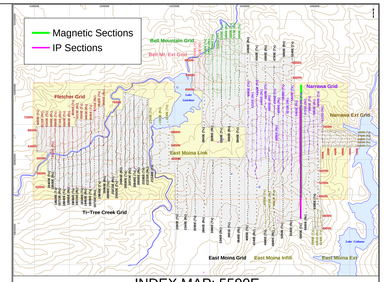
Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)

Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com



INDEX MAP: 5590E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

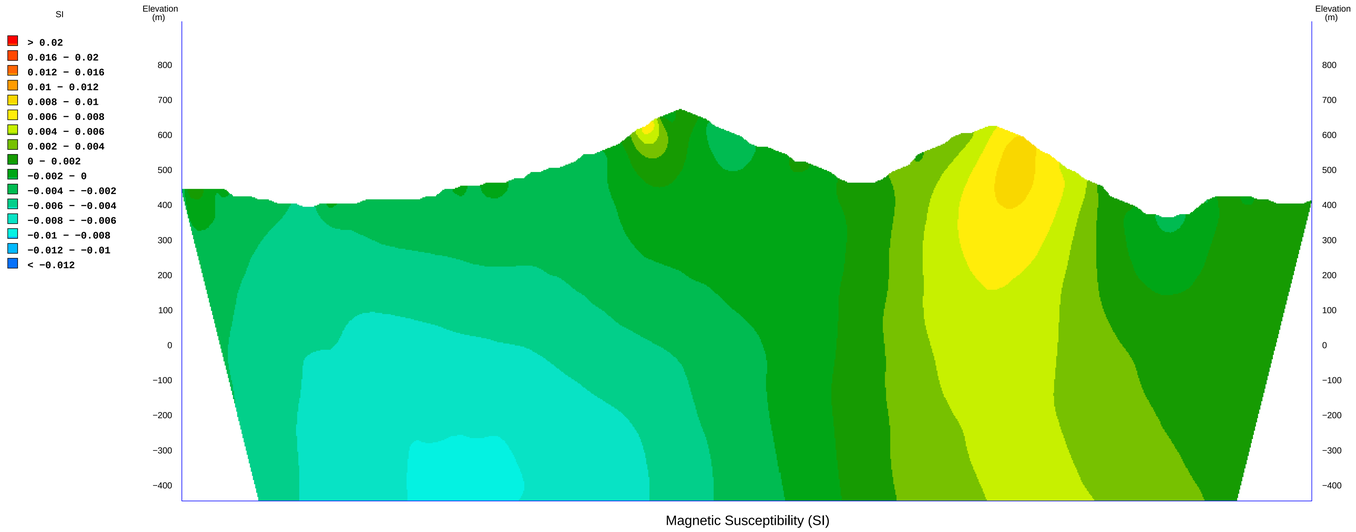
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Frontier Resources Ltd.

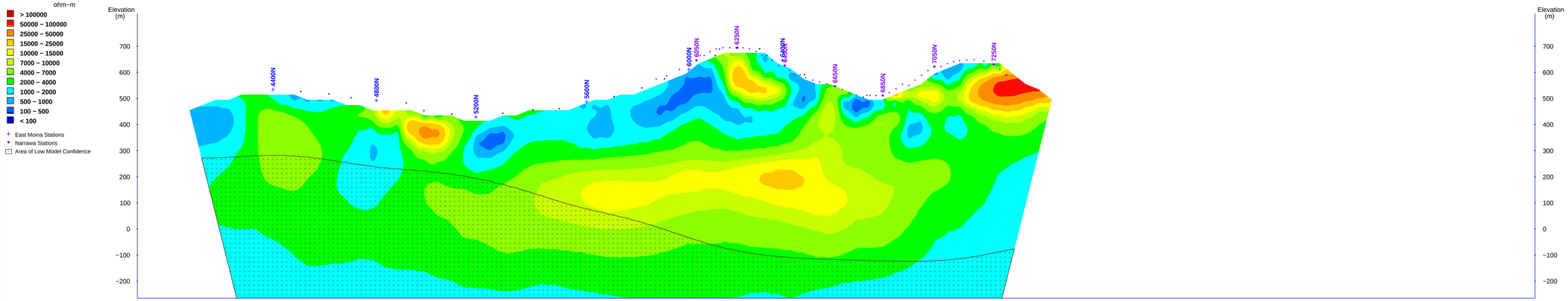
Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

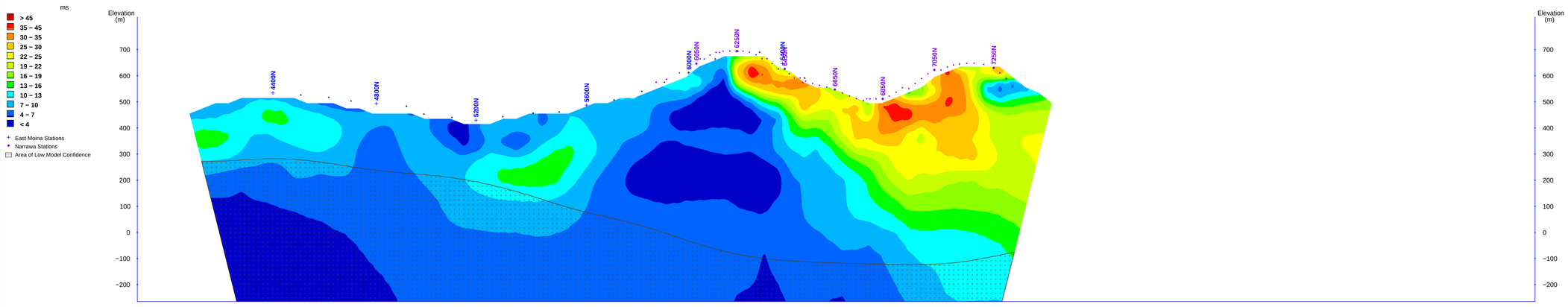
Cross Section Map
Section: 5590E



Magnetic Susceptibility (SI)



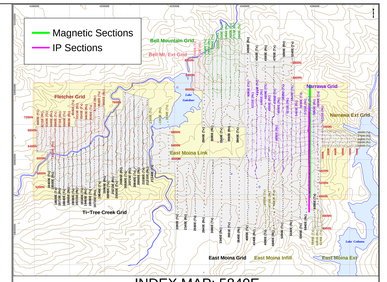
Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)

Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com



INDEX MAP: 5840E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

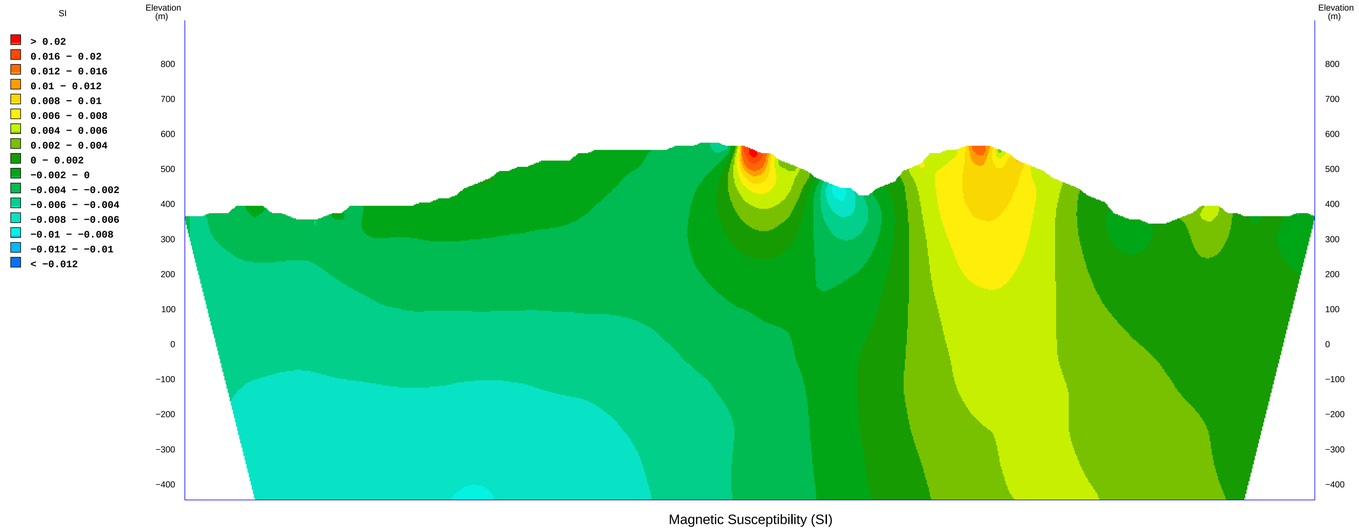
0 200 400 600 800
meters

Frontier Resources Ltd.

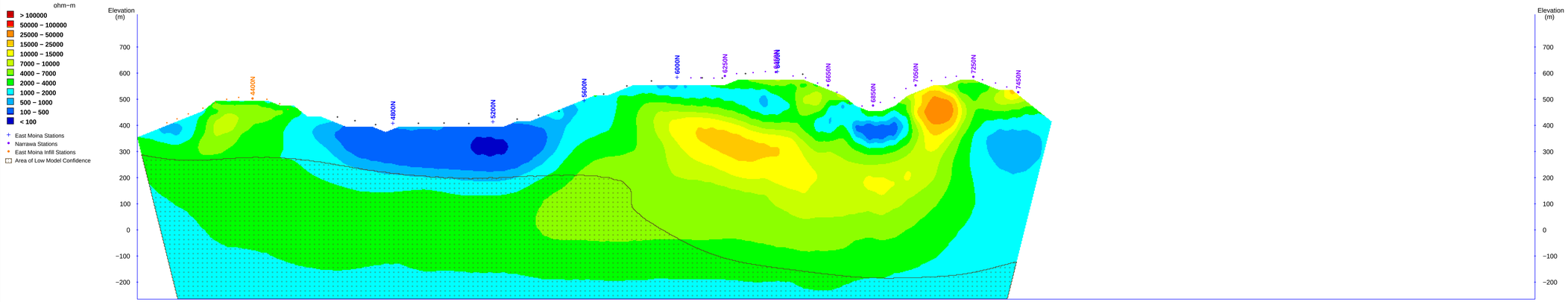
Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

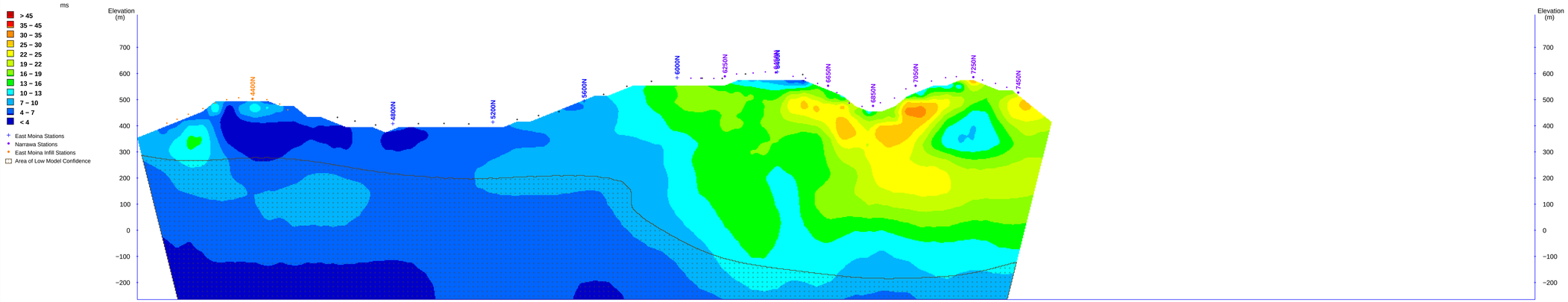
Cross Section Map
Section: 5840E



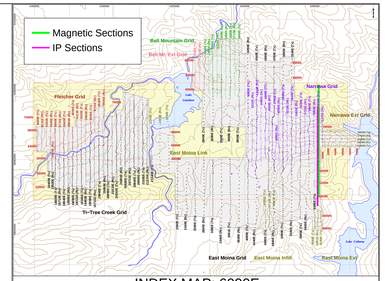
Magnetic Susceptibility (SI)



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 6090E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

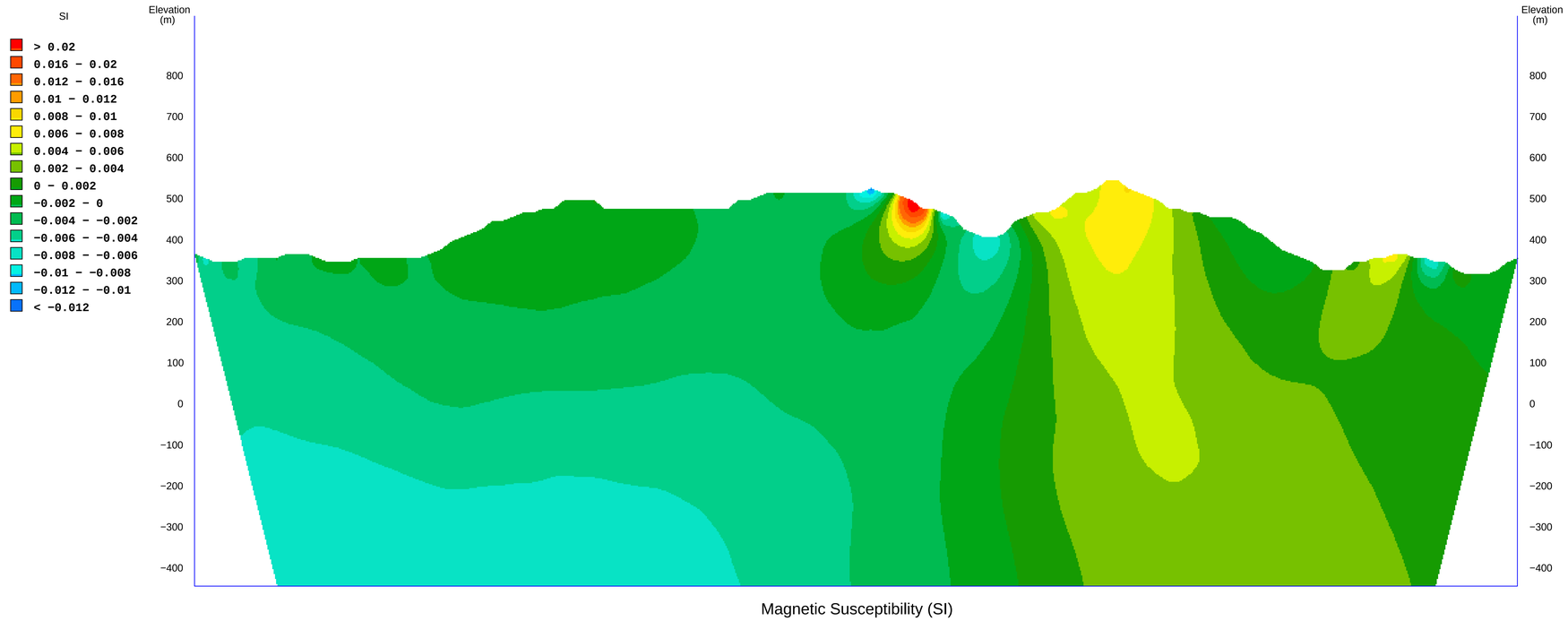
Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

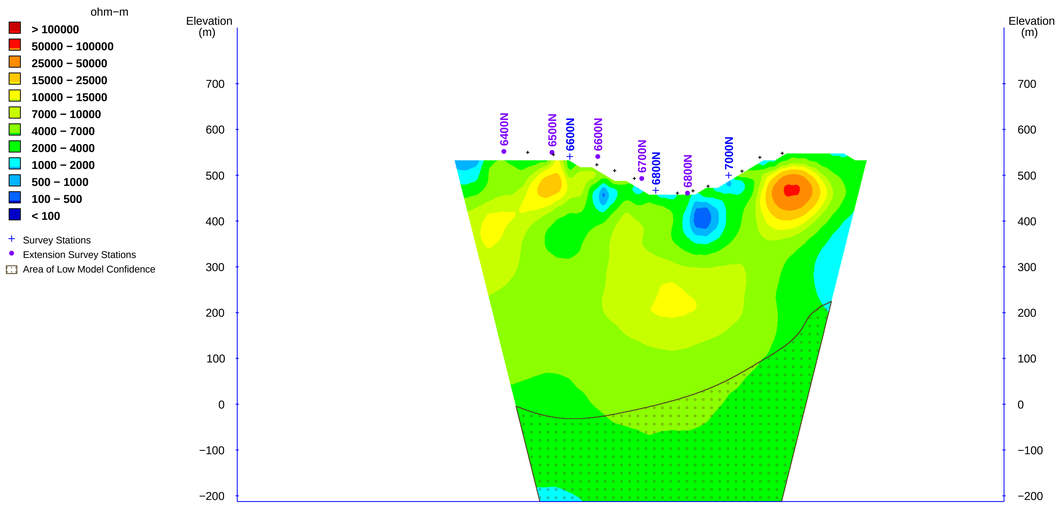
Cross Section Map
Section: 6090E

SJ Geophysics Ltd.

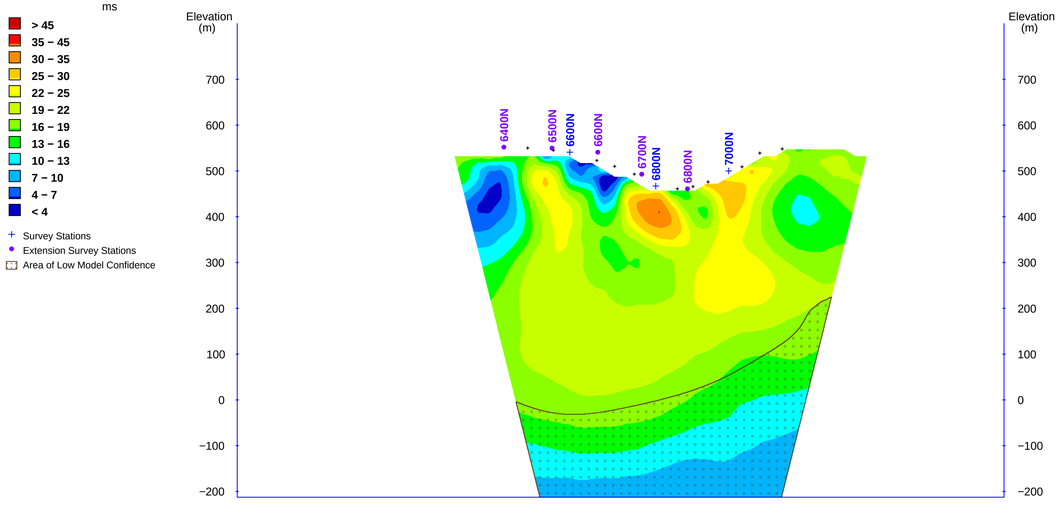
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com



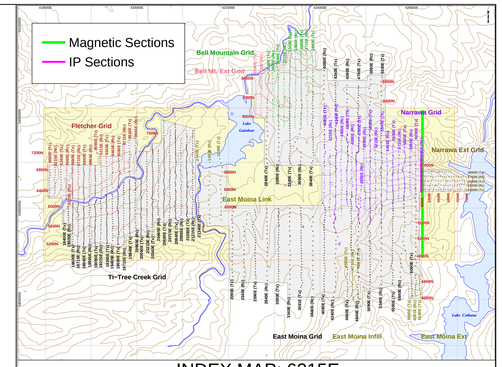
Magnetic Susceptibility (SI)



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 6215E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

0 200 400 600 800
meters

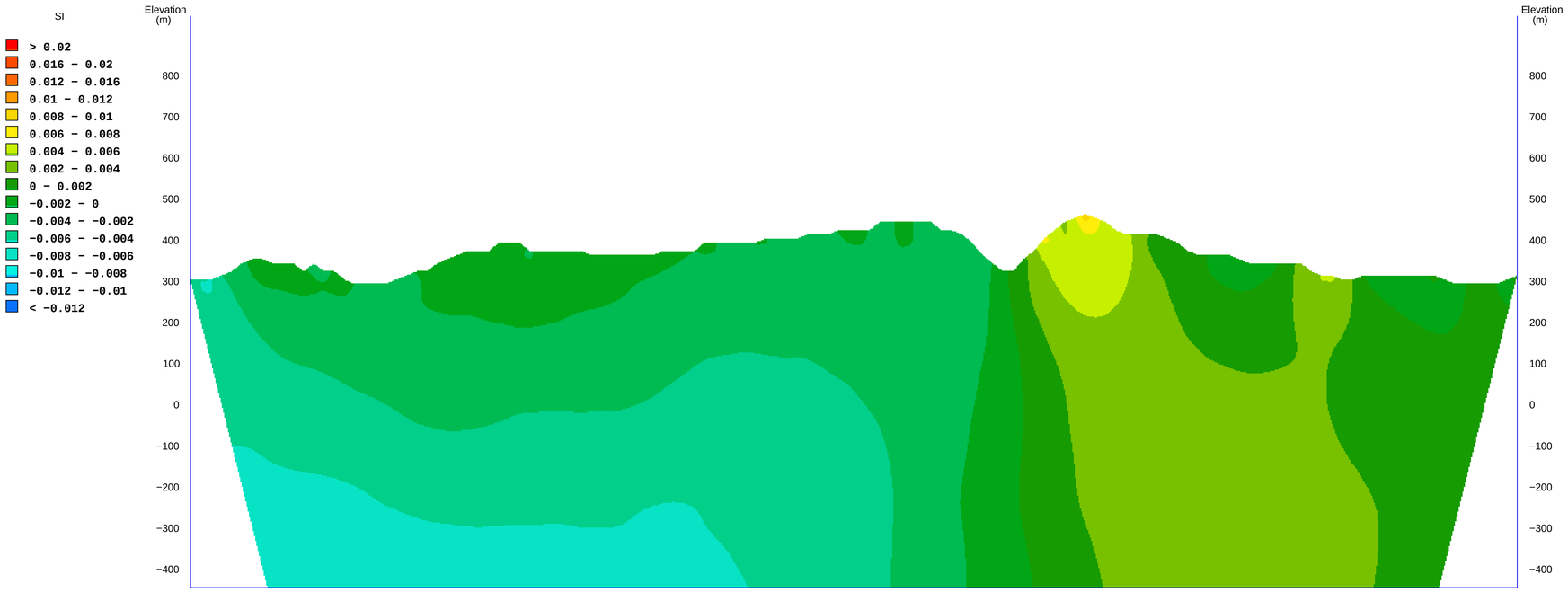
Frontier Resources Ltd.

Moina Project
Compilation
Moina, Tasmania, Australia

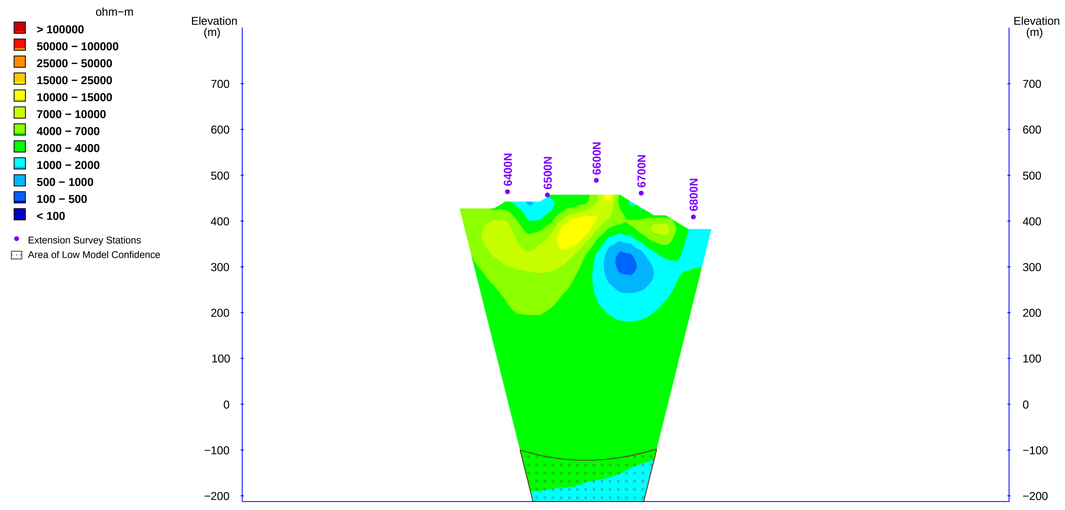
3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

Cross Section Map
Section: 6215E

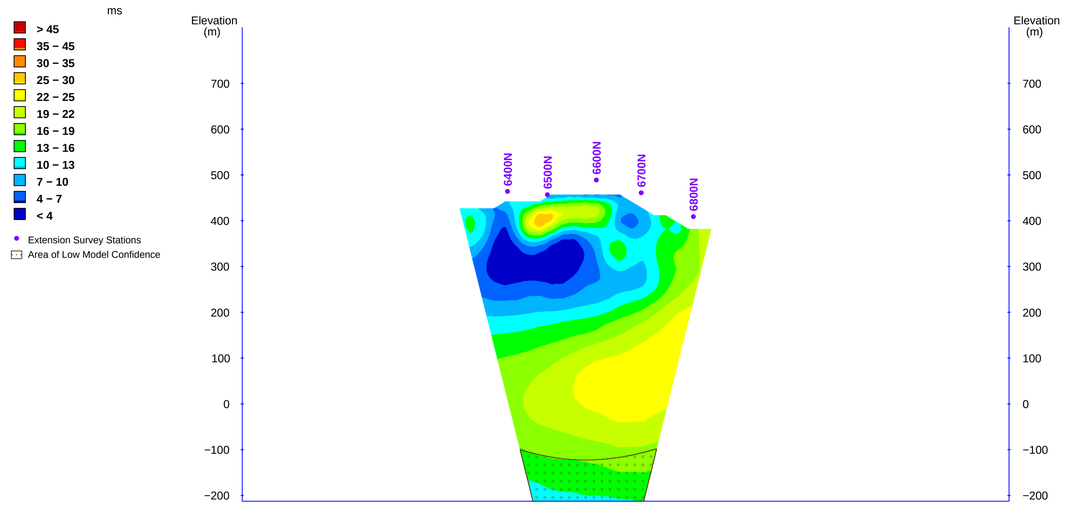
SJ Geophysics Ltd.



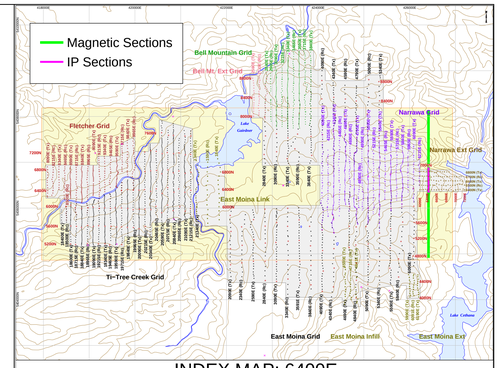
Magnetic Susceptibility (SI)



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 6400E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

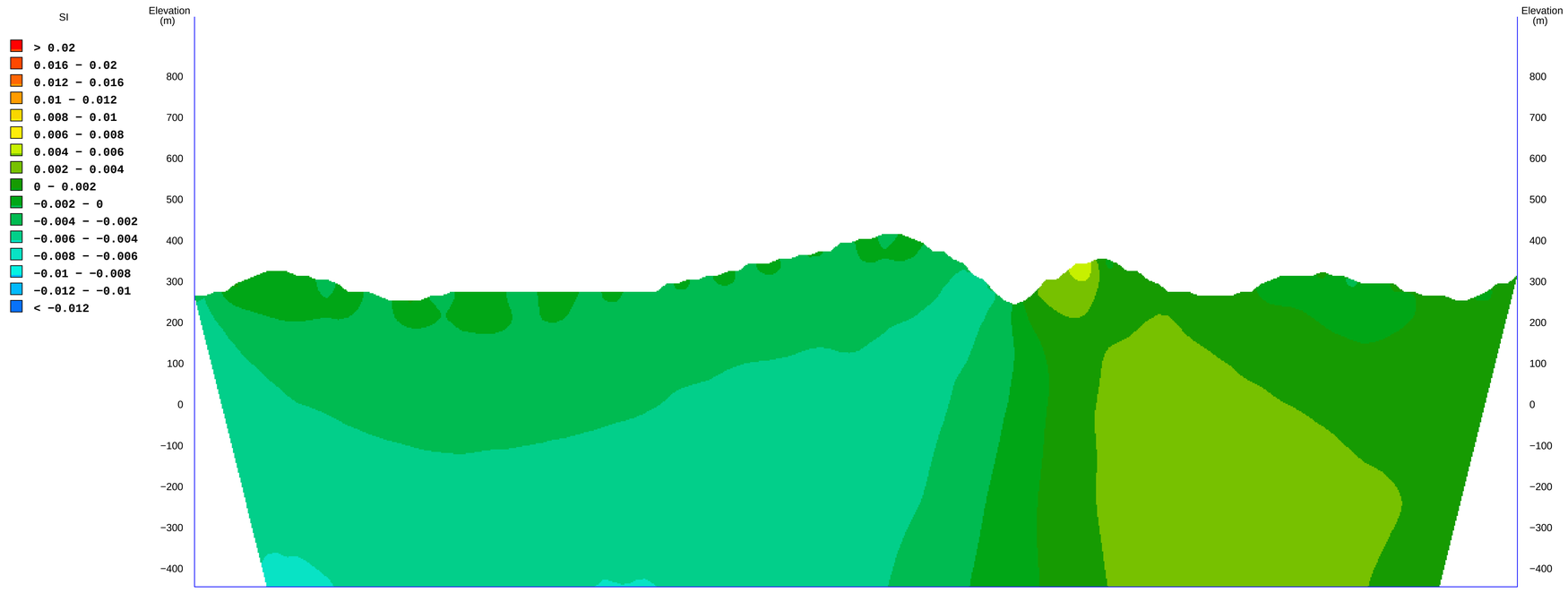
Moina Project
Compilation
Moina, Tasmania, Australia

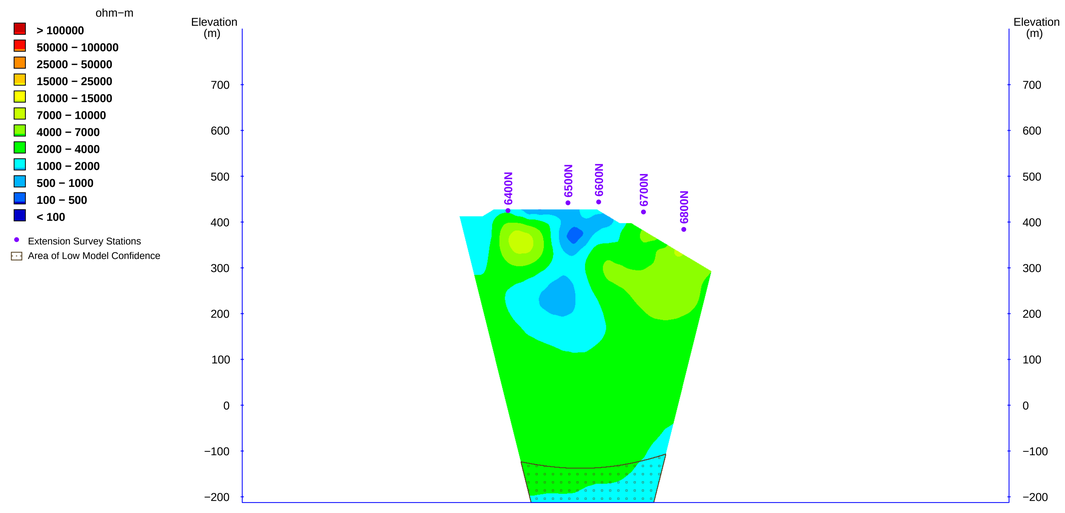
3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

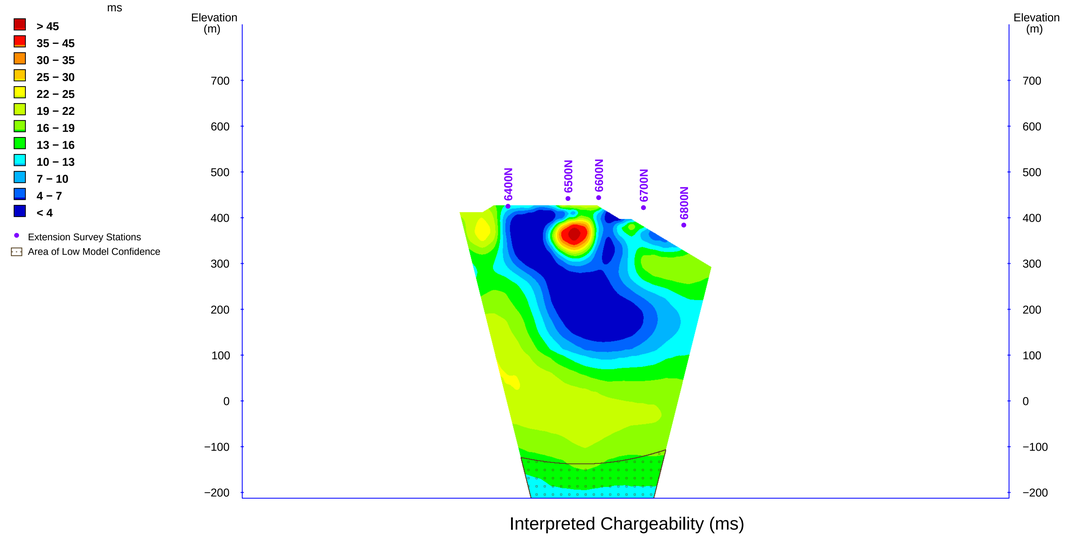
Cross Section Map
Section: 6400E

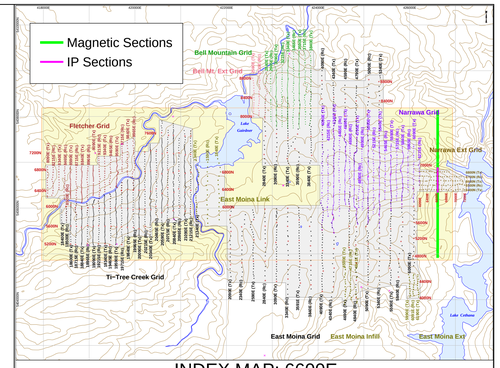
SJ Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com









INDEX MAP: 6600E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

0 200 400 600 800
meters

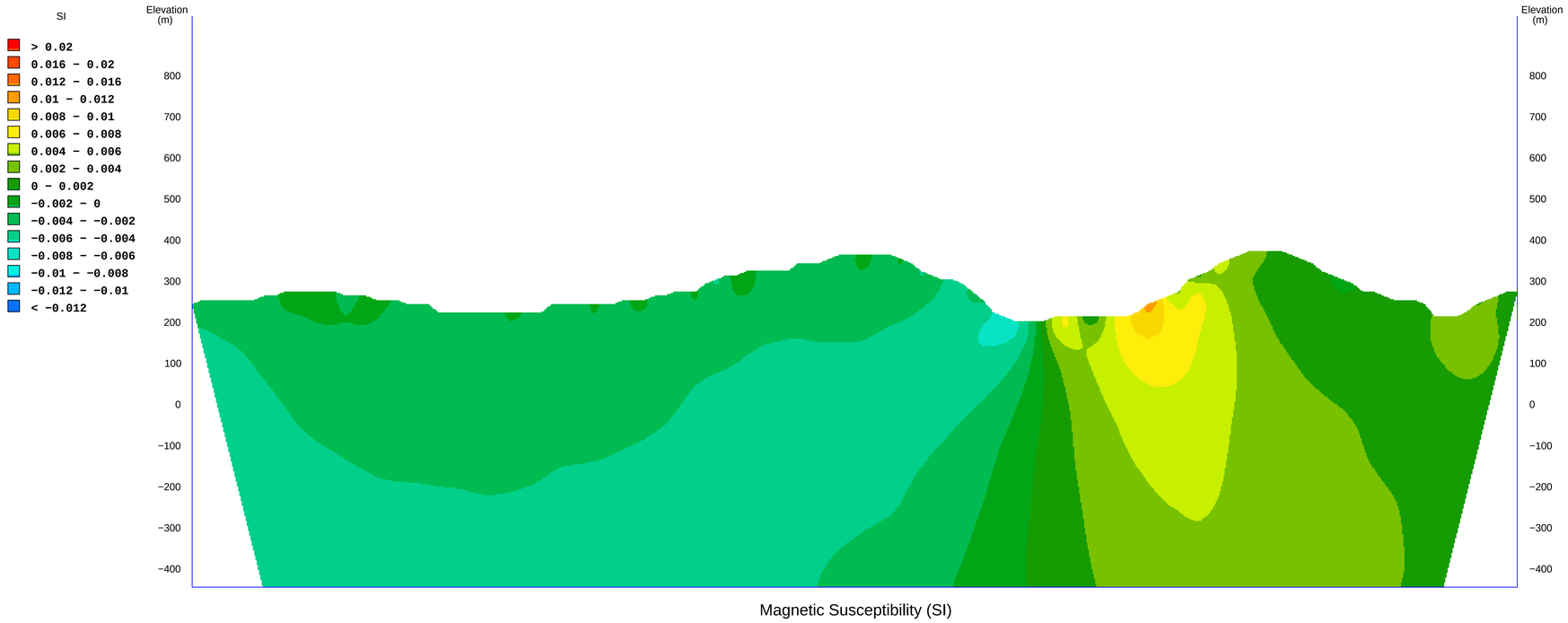
Frontier Resources Ltd.

Moina Project
Compilation
Moina, Tasmania, Australia

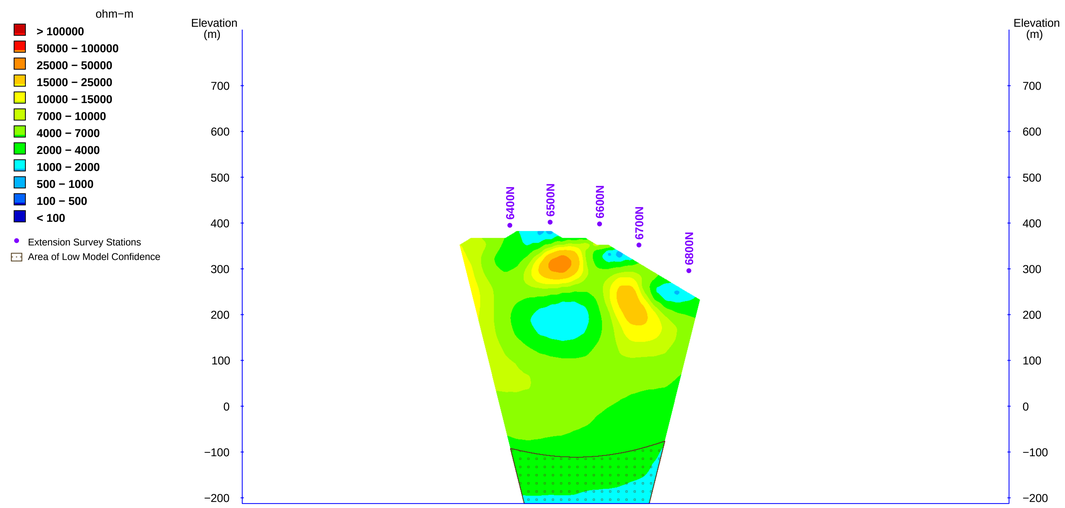
3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

Cross Section Map
Section: 6600E

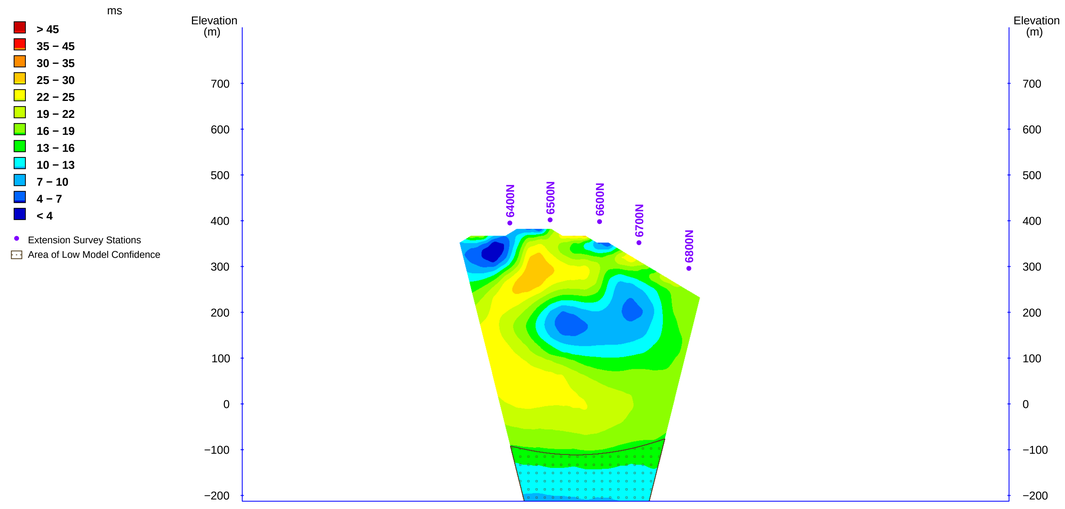
SJ Geophysics Ltd.



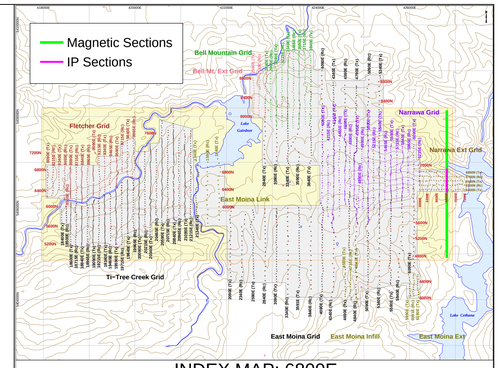
Magnetic Susceptibility (SI)



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP: 6800E

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Dates: October, 2011 to February, 2012
Magnetic Survey by: UTS Geophysics

Instrumentation:
Magnetometer: Geometrics G822A Caesium Vapour
Receiver: DABStix 24−bit Single Channel Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: AGD 66
Projection: AMG Zone 55
Mapping Date: 15−Mar−2012

0 200 400 600 800
meters

Frontier Resources Ltd.

Moina Project
Compilation
Moina, Tasmania, Australia

3D Inversion Model of Interpreted Magnetic Susceptibility, Resistivity & Chargeability

Cross Section Map
Section: 6800E

SJ Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2, Canada (604) 582−1100 www.sjgeophysics.com

Drill Log — Frontier Resources Ltd

PROJECT:	Gowrie Park	**HOLE NO:**	NC56	**DRILL TYPE:**	Little rig
PROSPECT:	Narrawa Creek	**DATE COMMENCED:**		**DRILLER:**	P. Schiek and A. Eastaugh
TENENMENT:	RL3/2005	**DATE COMPLETED:**	2012	**LOGGED BY:**	Chris Thaus
EASTING	425,488.00	**TOTAL DEPTH (m):**	52.4	**LOGGING DATE:**	2012
NORTHING	5,406,670.00	**AZIMUTH (TN):**	213	**OXIDATION** BOCO:	
COLLAR RL:		**DIP:**	-50	BOPO:	

Drilling details

Core Size	From	To
TT56	0.00	52.40

Comments

Hole designed to:- Intersect Narrawa resource.

Significant Analysis Intervals:

Hole_ID	From	To	Interval
NC56	18	21	6.2 g/t Au per metre, 2.7% Pb per metre, 2.5% Zn per metre.

Summary Log

From	To	Graphic	Summary Description (Lith, Altn, Mineralisation)
0.00	11.75		Variably biotised sandstone
11.75	13.75		Fault zone
13.75	16.60		Variably biotised sandstone
16.60	17.10		Granular sandstone
17.10	17.80		Variably biotised sandstone
17.80	39.50		Black biotite hornfels, skarn, sandstone, sulphides
39.50	52.40		Variably biotised sandstone

| | Frontier Resources Detailed Drill Log | | |

| | Frontier Resources Detailed Drill Log | | |

| | Frontier Resources Detailed Drill Log | | |

Hole_ID	Depth	Azimuth(TN)	Dip	Azimuth(Mag)	Type	Date
NC56	0	213	-50	199	Measured at collar	2012

Survey type	
1	Single shot down hole camera
2	Measured at collar
3	Inferred survey for display
4	Other - see comments

Frontier Resources Ltd				Drill Core Recovery & RQD Log			
Hole_ID	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
NC56	0	1.5	1.5	0.7	46.67	0	0.00
NC56	1.5	3	1.5	1.1	73.33	0	0.00
NC56	3	4.5	1.5	1.4	93.33	15	10.71
NC56	4.5	6	1.5	1.5	100.00	67	44.67
NC56	6	7.5	1.5	1.5	100.00	60	40.00
NC56	7.5	9	1.5	1.45	96.67	28	19.31
NC56	9	10.5	1.5	1.5	100.00	35	23.33
NC56	10.5	12	1.5	1.5	100.00	80	53.33
NC56	12	13.5	1.5	1.3	86.67	0	0.00
NC56	13.5	15	1.5	1.5	100.00	100	66.67
NC56	15	16.5	1.5	1.5	100.00	65	43.33
NC56	16.5	18	1.5	1.4	93.33	80	57.14
NC56	18	19.5	1.5	1.5	100.00	150	100.00
NC56	19.5	21	1.5	1.5	100.00	110	73.33
NC56	21	22.5	1.5	1.5	100.00	130	86.67
NC56	22.5	24	1.5	1.5	100.00	130	86.67
NC56	24	25.5	1.5	1.5	100.00	120	80.00
NC56	25.5	27	1.5	1.5	100.00	140	93.33
NC56	27	28.5	1.5	1.5	100.00	75	50.00
NC56	28.5	30	1.5	1.5	100.00	0	0.00
NC56	30	31.5	1.5	1.5	100.00	40	26.67
NC56	31.5	33	1.5	1.5	100.00	125	83.33
NC56	33	34.5	1.5	1.5	100.00	0	0.00
NC56	34.5	36	1.5	1.5	100.00	45	30.00
NC56	36	37.5	1.5	1.5	100.00	55	36.67
NC56	37.5	39	1.5	1.5	100.00	100	66.67
NC56	39	40.5	1.5	1.5	100.00	100	66.67
NC56	40.5	42	1.5	1.5	100.00	85	56.67
NC56	42	43.5	1.5	1.5	100.00	70	46.67
NC56	43.5	45	1.5	1.5	100.00	85	56.67
NC56	45	46.5	1.5	1.5	100.00	130	86.67
NC56	46.5	48	1.5	1.5	100.00	125	83.33
NC56	48	49.5	1.5	1.5	100.00	130	86.67
NC56	49.5	51	1.5	1.5	100.00	120	80.00
NC56	51	52.4	1.4	1.4	100.00	120	85.71

Frontier Resources - Sample Recovery and Assay Notes						
Hole_ID	Sample ID	From (m)	To (m)	Interval (m)	Sampled Interval	% Sampled
NC56	4401	0	1.5	1.5	1.5	50.00
NC56	4402	1.5	3	1.5	1.5	50.00
NC56	4403	3	4	1	1	50.00
NC56	4404	4	4.55	0.55	0.55	50.00
NC56	4405	4.55	5.5	0.95	0.95	50.00
NC56	4406	5.5	6.37	0.87	0.87	50.00
NC56	4407	6.37	7.25	0.88	0.88	50.00
NC56	4408	7.25	8	0.75	0.75	50.00
NC56	4409	8	9	1	1	50.00
NC56	4410	9	10	1	1	50.00
NC56	4411	10	11	1	1	50.00
NC56	4412	11	12	1	1	50.00
NC56	4413	12	13	1	1	50.00
NC56	4414	13	14	1	1	50.00
NC56	4415	14	15	1	1	50.00
NC56	4416	15	16	1	1	50.00
NC56	4417	16	17.1	1.1	1.1	50.00
NC56	4418	17.1	18	0.9	0.9	50.00
NC56	4419	18	19	1	1	50.00
NC56	4420	19	20	1	1	50.00
NC56	4421	20	21	1	1	50.00
NC56	4422	21	22.2	1.2	1.2	50.00
NC56	4423	22.2	23.3	1.1	1.1	50.00
NC56	4424	23.3	23.75	0.45	0.45	50.00
NC56	4425	23.75	24.5	0.75	0.75	50.00
NC56	4427	24.5	25.5	1	1	50.00
NC56	4428	25.5	26.5	1	1	50.00
NC56	4429	26.5	27.5	1	1	50.00
NC56	4430	27.5	28.3	0.8	0.8	50.00
NC56	4431	28.3	29.5	1.2	1.2	50.00
NC56	4432	29.5	30.5	1	1	50.00
NC56	4433	30.5	31.4	0.9	0.9	50.00
NC56	4434	31.4	32.4	1	1	50.00
NC56	4435	32.4	32.9	0.5	0.5	50.00
NC56	4436	32.9	34	1.1	1.1	50.00
NC56	4437	34	35	1	1	50.00
NC56	4438	35	36	1	1	50.00
NC56	4439	36	36.65	0.65	0.65	50.00
NC56	4440	36.65	36.9	0.25	0.25	50.00
NC56	4441	36.9	38	1.1	1.1	50.00
NC56	4442	38	39	1	1	50.00

Frontier Resources - Sample Recovery and Assay Notes						
Hole_ID	Sample ID	From (m)	To (m)	Interval (m)	Sampled Interval	% Sampled
NC56	4443	39	40	1	1	50.00
NC56	4444	40	41	1	1	50.00
NC56	4445	41	42	1	1	50.00
NC56	4446	42	43	1	1	50.00
NC56	4447	43	44	1	1	50.00
NC56	4448	44	45	1	1	50.00
NC56	4449	45	46	1	1	50.00
NC56	4451	46	47	1	1	50.00
NC56	4452	47	47.9	0.9	0.9	50.00
NC56	4453	47.9	49	1.1	1.1	50.00
NC56	4454	49	50	1	1	50.00
NC56	4455	50	51	1	1	50.00
NC56	4456	51	52	1	1	50.00
NC56	4457	52	52.4	0.4	0.4	50.00

Frontier Resources Ltd							Down hole assay data								
Hole_ID	From	To	Spl_Id	Lab Batch	Au_ppm	Au_R	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	W_ppm	Mo_ppm	Bi_ppm	Sn_ppm
							Unadjusted raw XRF data.								
NC56	0	1.5	4401	BU12030391	0.17		<LOD	61	36	482	75.4	9	9.2	<LOD	214
NC56	1.5	3	4402	BU12030391	0.11		<LOD	<LOD	102	1797	152	12	4.7	<LOD	107
NC56	3	4	4403	BU12030391	0.02		<LOD	<LOD	66	821	108	<LOD	5.1	<LOD	18.5
NC56	4	4.55	4404	BU12030391	<0.01		<LOD	<LOD	19	919	188	<LOD	7.8	<LOD	5.5
NC56	4.55	5.5	4405	BU12030391	<0.01		<LOD	<LOD	<LOD	1617	586	<LOD	3.8	<LOD	5.8
NC56	5.5	6.37	4406	BU12030391	0.01		<LOD	<LOD	19	513	257	<LOD	3.7	<LOD	12.8
NC56	6.37	7.25	4407	BU12030391	3.17		18.1	<LOD	204	17909	15656	<LOD	6	<LOD	189
NC56	7.25	8	4408	BU12030391	0.04		<LOD	<LOD	<LOD	2319	1697	<LOD	8.2	<LOD	63
NC56	8	9	4409	BU12030391	<0.01		<LOD	38	22	1340	422	<LOD	4.3	<LOD	82
NC56	9	10	4410	BU12030391	0.01		<LOD	<LOD	12	971	234	<LOD	6.3	<LOD	15.4
NC56	10	11	4411	BU12030391	<0.01		<LOD	<LOD	36	699	238	<LOD	9.2	<LOD	17.6
NC56	11	12	4412	BU12030391	<0.01		<LOD	<LOD	51	685	268	<LOD	3.2	<LOD	39.4
NC56	12	13	4413	BU12030391	<0.01		<LOD	<LOD	269	1553	417	<LOD	<LOD	<LOD	<LOD
NC56	13	14	4414	BU12030391	<0.01		<LOD	<LOD	13	632	619	<LOD	5.4	<LOD	76
NC56	14	15	4415	BU12030391	<0.01		<LOD	<LOD	22	264	294	<LOD	9.2	<LOD	<LOD
NC56	15	16	4416	BU12030391	<0.01		<LOD	<LOD	20	607	547	<LOD	5	<LOD	16.8
NC56	16	17.1	4417	BU12030391	0.01		2.5	<LOD	165	819	1734	<LOD	6.5	12	50
NC56	17.1	18	4418	BU12030391	0.05		6.8	<LOD	135	4575	5277	<LOD	<LOD	<LOD	167
NC56	18	19	4419	BU12030391	8.46		24.7	<LOD	313	32072	27826	<LOD	<LOD	<LOD	108
NC56	19	20	4420	BU12030391	7.54		19.2	<LOD	195	23096	23254	<LOD	<LOD	<LOD	107
NC56	20	21	4421	BU12030391	3.22		21.5	<LOD	111	26471	24177	<LOD	6.2	<LOD	228
NC56	21	22.2	4422	BU12030391	0.19		14.8	<LOD	76	5943	1710	<LOD	<LOD	<LOD	139
NC56	22.2	23.3	4423	BU12030391	0.08		<LOD	<LOD	36	338	272	<LOD	4.9	<LOD	61
NC56	23.3	23.75	4424	BU12030391	0.03		<LOD	15	<LOD	283	1663	<LOD	<LOD	<LOD	140
NC56	23.75	24.5	4425	BU12030391	0.17		11.8	<LOD	315	14439	15509	<LOD	<LOD	<LOD	491
NC56	24.5	25.5	4427	BU12030391	0.21		13	<LOD	608	14144	14836	215	<LOD	<LOD	347
NC56	25.5	26.5	4428	BU12030391	0.05		20.2	<LOD	293	21086	23464	<LOD	<LOD	<LOD	72
NC56	26.5	27.5	4429	BU12030391	0.1		32.4	<LOD	730	30233	35499	761	<LOD	54	99
NC56	27.5	28.3	4430	BU12030391	<0.01		<LOD	<LOD	19	1808	5348	135	<LOD	<LOD	40
NC56	28.3	29.5	4431	BU12030391	0.01		<LOD	13.3	13	132.6	129	<LOD	<LOD	<LOD	72
NC56	29.5	30.5	4432	BU12030391	<0.01		<LOD	18.5	9	86.2	70.7	<LOD	<LOD	<LOD	100
NC56	30.5	31.4	4433	BU12030391	<0.01		<LOD	13.2	<LOD	45.9	49.7	<LOD	<LOD	<LOD	25.3
NC56	31.4	32.4	4434	BU12030391	0.01		2.6	<LOD	24	1698	3349	33	<LOD	<LOD	71
NC56	32.4	32.9	4435	BU12030391	0.04		10.1	<LOD	149	10313	13790	191	<LOD	<LOD	338
NC56	32.9	34	4436	BU12030391	<0.01		<LOD	90	27	447	287	12	4.2	<LOD	134
NC56	34	35	4437	BU12030391	<0.01		<LOD	649	38	524	227	15	10.1	<LOD	30
NC56	35	36	4438	BU12030391	<0.01		<LOD	108	32	463	312	19	11.4	<LOD	39
NC56	36	36.65	4439	BU12030391	<0.01		<LOD	<LOD	50	2078	1597	38	5.1	<LOD	13.4

Frontier Resources Ltd							Down hole assay data								
Hole_ID	From	To	Spl_Id	Lab Batch	Au_ppm	Au_R	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	W_ppm	Mo_ppm	Bi_ppm	Sn_ppm
							Unadjusted raw XRF data.								
NC56	36.65	36.9	4440	BU12030391	<0.01		7.2	<LOD	218	10869	7280	145	<LOD	<LOD	39
NC56	36.9	38	4441	BU12030391	<0.01		2.3	<LOD	29	1806	949	30	3.8	<LOD	15.1
NC56	38	39	4442	BU12030391	<0.01		4.4	<LOD	109	4359	3416	83	<LOD	<LOD	55
NC56	39	40	4443	BU12030391	<0.01		2.9	<LOD	50	1358	1460	23	<LOD	<LOD	41
NC56	40	41	4444	BU12030391	<0.01		2.6	<LOD	32	1139	2133	49	<LOD	<LOD	41
NC56	41	42	4445	BU12030391	<0.01		<LOD	<LOD	21	507	2728	77	<LOD	<LOD	48.3
NC56	42	43	4446	BU12030391	0.01		5	<LOD	32	3495	3721	94	<LOD	<LOD	23.1
NC56	43	44	4447	BU12030391	0.01		<LOD	<LOD	<LOD	575	4830	71	<LOD	<LOD	129
NC56	44	45	4448	BU12030391	0.05		13.5	<LOD	221	9797	12310	182	<LOD	<LOD	61
NC56	45	46	4449	BU12030391	<0.01		<LOD	<LOD	15	592	4980	102	<LOD	<LOD	135
NC56	46	47	4450	BU12030391	0.03		14.4	<LOD	198	9880	12436	186	<LOD	<LOD	65
NC56	47	47.9	4452	BU12030391	0.04		7.5	<LOD	179	8540	8164	200	<LOD	<LOD	235
NC56	47.9	49	4453	BU12030391	<0.01		<LOD	29.9	43	171	142	<LOD	<LOD	<LOD	37
NC56	49	50	4454	BU12030391	<0.01		<LOD	10.8	49	90	50.5	<LOD	<LOD	<LOD	21.5
NC56	50	51	4455	BU12030391	0.01		3.8	<LOD	62	1029	210	<LOD	<LOD	<LOD	38.6
NC56	51	52	4456	BU12030391	0.01		2.9	<LOD	57	602	497	<LOD	<LOD	<LOD	30.5

Drill Log — Frontier Resources Ltd

PROJECT:	Gowrie Park	**HOLE NO:**	NC57	**DRILL TYPE:**	Big rig
PROSPECT:	Narrawa Creek	**DATE COMMENCED:**		**DRILLER:**	T.Hinds, H.Korus, S.Homan
TENENMENT:	RL3/2005	**DATE COMPLETED:**	2012	**LOGGED BY:**	Chris Thaus
EASTING	425,584.00	**TOTAL DEPTH (m):**	81m	**LOGGING DATE:**	2012
NORTHING	5,406,649.00	**AZIMUTH (TN):**	213	**OXIDATION** BOCO:	
COLLAR RL:		**DIP:**	-50	BOPO:	

Drilling details

Core Size	From	To
NQ	0.00	81.00

Comments

Hole designed to:- Intersect Narrawa resource.

Significant Analysis Intervals:

Hole_ID	From	To	Interval
NC57	21.6	25.5	62 g/t Ag per metre, 1.38% Pb per metre, 3.09% Zn per metre.

Summary Log

From	To	Graphic	Summary Description (Lith, Altn, Mineralisation)
0.00	6.00		Sandstone
6.00	8.60		Fault zone?
8.60	18.50		Sandstone, minor skarn, lightly biotised
18.50	18.70		Fault
18.70	24.90		Biotite hornfels, sandstone, sulphides
24.90	25.50		Fault
25.50	53.40		Skarn, biotite hornfels
53.40	62.70		Sandstone, biotite hornfels, sulphides
62.70	81.00		Sandstone, calc silicates, biotite hornfels

| | Frontier Resources Detailed Drill Log | | |

| | Frontier Resources Detailed Drill Log | | |

| | Frontier Resources Detailed Drill Log | | |

Hole_ID	Depth	Azimuth(TN)	Dip	Azimuth(Mag)	Type	Date
NC57	0	213	-50	199	Measured at collar	
	30		-47.5	203	Single shot down hole camera	
	75		-47.5	204	Single shot down hole camera	

Survey type	
1	Single shot down hole camera
2	Measured at collar
3	Inferred survey for display
4	Other - see comments

Frontier Resources Ltd				Drill Core Recovery & RQD Log			
Hole_ID	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
NC57	0	1.5	1.5	0.35	23.33	0	0.00
NC57	1.5	3	1.5	0.75	50.00	0	0.00
NC57	3	4.5	1.5	1.25	83.33	20	13.33
NC57	4.5	6	1.5	0.95	63.33	10	6.67
NC57	6	7.5	1.5	0.15	10.00	0	0.00
NC57	7.5	9	1.5	1.2	80.00	30	20.00
NC57	9	10.5	1.5	1.5	100.00	35	23.33
NC57	10.5	12	1.5	1.5	100.00	70	46.67
NC57	12	13.5	1.5	1.5	100.00	90	60.00
NC57	13.5	15	1.5	1.5	100.00	55	36.67
NC57	15	16.5	1.5	1.5	100.00	20	13.33
NC57	16.5	18	1.5	1.2	80.00	40	26.67
NC57	18	19.5	1.5	1.5	100.00	75	50.00
NC57	19.5	21	1.5	1.5	100.00	0	0.00
NC57	21	22.5	1.5	1.5	100.00	115	76.67
NC57	22.5	24	1.5	1.5	100.00	130	86.67
NC57	24	25.5	1.5	1.5	100.00	60	40.00
NC57	25.5	27	1.5	1.5	100.00	0	0.00
NC57	27	28.5	1.5	1.5	100.00	55	36.67
NC57	28.5	30	1.5	1.5	100.00	67	44.67
NC57	30	31.5	1.5	1.5	100.00	75	50.00
NC57	31.5	33	1.5	1.5	100.00	85	56.67
NC57	33	34.5	1.5	1.35	90.00	85	56.67
NC57	34.5	36	1.5	1.5	100.00	120	80.00
NC57	36	37.5	1.5	1.5	100.00	95	63.33
NC57	37.5	39	1.5	1.5	100.00	75	50.00
NC57	39	40.5	1.5	0.95	63.33	23	15.33
NC57	40.5	42	1.5	0.95	63.33	56	37.33
NC57	42	43.5	1.5	1.05	70.00	140	93.33
NC57	43.5	45	1.5	1.5	100.00	70	46.67
NC57	45	46.5	1.5	1.5	100.00	20	13.33
NC57	46.5	48	1.5	1.5	100.00	0	0.00
NC57	48	49.5	1.5	1.5	100.00	10	6.67
NC57	49.5	51	1.5	1.5	100.00	120	80.00
NC57	51	52.5	1.5	1.4	93.33	110	73.33
NC57	52.5	54	1.5	1.3	86.67	70	46.67
NC57	54	55.5	1.5	1.5	100.00	0	0.00
NC57	55.5	57	1.5	1.5	100.00	0	0.00
NC57	57	58.5	1.5	1.5	100.00	0	0.00
NC57	58.5	60	1.5	1.5	100.00	90	60.00
NC57	60	61.5	1.5	1.5	100.00	30	20.00
NC57	61.5	63	1.5	1.5	100.00	100	66.67
NC57	63	64.5	1.5	1.5	100.00	0	0.00
NC57	64.5	66	1.5	1.5	100.00	0	0.00
NC57	66	67.5	1.5	1.5	100.00	30	20.00
NC57	67.5	69	1.5	1.5	100.00	0	0.00
NC57	69	70.5	1.5	1.5	100.00	35	23.33
NC57	70.5	72	1.5	1.5	100.00	30	20.00
NC57	72	73.5	1.5	1.5	100.00	65	43.33
NC57	73.5	75	1.5	1.5	100.00	50	33.33
NC57	75	76.5	1.5	1.5	100.00	70	46.67
NC57	76.5	78	1.5	1.5	100.00	15	10.00
NC57	78	79.5	1.5	1.5	100.00	40	26.67
NC57	79.5	81	1.5	1.5	100.00	20	13.33
NC57	81	82.5	1.5	1.5	100.00	0	0.00
NC57	82.5	83.7	1.2	1.2	100.00	20	16.67

Frontier Resources - Sample Recovery and Assay Notes						
Hole_ID	Sample ID	From (m)	To (m)	Interval (m)	Sampled Interval	% Sampled
NC57	6752	10.4	11.4	1	1	50.00
NC57	6753	11.4	12.5	1.1	1.1	50.00
NC57	6754	12.5	13.3	0.8	0.8	50.00
NC57	6755	13.3	14.3	1	1	50.00
NC57	6756	14.3	14.9	0.6	0.6	50.00
NC57	6757	17.2	18.2	1	1	50.00
NC57	6758	18.2	18.5	0.3	0.3	50.00
NC57	6759	18.5	19.5	1	1	50.00
NC57	6760	19.5	20.5	1	1	50.00
NC57	6761	20.5	21.6	1.1	1.1	50.00
NC57	6762	21.6	22.6	1	1	50.00
NC57	6763	22.6	23.6	1	1	50.00
NC57	6764	23.6	24.6	1	1	50.00
NC57	6765	24.6	25.5	0.9	0.9	50.00
NC57	6766	25.5	26.5	1	1	50.00
NC57	6767	26.5	27.5	1	1	50.00
NC57	6768	27.5	27.9	0.4	0.4	50.00
NC57	6769	27.9	28.2	0.3	0.3	50.00
NC57	6770	28.2	29.2	1	1	50.00
NC57	6771	29.2	30.2	1	1	50.00
NC57	6772	30.2	31.2	1	1	50.00
NC57	6773	31.2	32.3	1.1	1.1	50.00
NC57	6774	32.3	33.3	1	1	50.00
NC57	6775	33.3	34.3	1	1	50.00
NC57	6777	34.3	35.3	1	1	50.00
NC57	6778	35.3	36.3	1	1	50.00
NC57	6779	36.3	37.3	1	1	50.00
NC57	6780	37.3	38.1	0.8	0.8	50.00
NC57	6781	38.1	38.7	0.6	0.6	50.00
NC57	6782	38.7	39.7	1	1	50.00
NC57	6783	39.7	40.7	1	1	50.00
NC57	6784	40.7	41.3	0.6	0.6	50.00
NC57	6785	41.3	42.3	1	1	50.00
NC57	6786	42.3	43.3	1	1	50.00
NC57	6787	43.3	44.3	1	1	50.00
NC57	6788	44.3	44.8	0.5	0.5	50.00
NC57	6789	44.8	45.8	1	1	50.00
NC57	6790	45.8	46.1	0.3	0.3	50.00
NC57	6791	46.1	47.1	1	1	50.00
NC57	6792	47.1	47.7	0.6	0.6	50.00
NC57	6793	47.7	48.7	1	1	50.00

Frontier Resources - Sample Recovery and Assay Notes						
Hole_ID	Sample ID	From (m)	To (m)	Interval (m)	Sampled Interval	% Sampled
NC57	6794	48.7	49.4	0.7	0.7	50.00
NC57	6795	49.4	50.4	1	1	50.00
NC57	6796	50.4	51.5	1.1	1.1	50.00
NC57	6797	51.5	52.5	1	1	50.00
NC57	6798	52.5	53	0.5	0.5	50.00
NC57	6799	53	54.1	1.1	1.1	50.00
NC57	6800	54.1	54.4	0.3	0.3	50.00
NC57	6802	54.4	54.5	0.1	0.1	50.00
NC57	6803	54.5	55.5	1	1	50.00
NC57	6804	55.5	56.5	1	1	50.00
NC57	6805	56.5	57.5	1	1	50.00
NC57	6806	57.5	58.5	1	1	50.00
NC57	6807	58.5	59.5	1	1	50.00
NC57	6808	59.5	60.5	1	1	50.00
NC57	6809	60.5	61.5	1	1	50.00
NC57	6810	61.5	62.5	1	1	50.00
NC57	6811	62.5	63.5	1	1	50.00
NC57	6812	63.5	64.5	1	1	50.00
NC57	6813	64.5	65	0.5	0.5	50.00

Frontier Resources Ltd					Down hole assay data										
Hole_ID	From	To	Spl_Id	Lab Batch for Au	Au_ppm	Au_R	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	W_ppm	Mo_ppm	Bi_ppm	Sn_ppm
							Unadjusted raw XRF data								
NC57	10.4	11.4	6752	BU12030391	<0.01		<LOD	<LOD	<LOD	337	344	<LOD	<LOD	<LOD	5.7
NC57	11.4	12.5	6753	BU12030391	0.03		<LOD	<LOD	<LOD	147	267	11	<LOD	<LOD	15.1
NC57	12.5	13.3	6754	BU12030391	0.02		<LOD	13.1	81	18	263	32	<LOD	<LOD	115
NC57	13.3	14.3	6755	BU12030391	0.04		<LOD	<LOD	22	246	165	<LOD	<LOD	<LOD	27
NC57	14.3	14.9	6756	BU12030391	<0.01		<LOD	17.2	<LOD	164	65.4	<LOD	<LOD	<LOD	14.1
NC57	17.2	18.2	6757	BU12030391	<0.01		<LOD	18.4	49	81.4	48.5	11	<LOD	<LOD	61
NC57	18.2	18.5	6758	BU12030391	0.01		<LOD	<LOD	103	135.1	40.7	<LOD	<LOD	<LOD	18.8
NC57	18.5	19.5	6759	BU12030391	0.05		<LOD	27	656	98	146	<LOD	<LOD	<LOD	96
NC57	19.5	20.5	6760	BU12030391	<0.01		<LOD	<LOD	<LOD	218	41.4	<LOD	<LOD	<LOD	<LOD
NC57	20.5	21.6	6761	BU12030391	<0.01		<LOD	<LOD	23	150	424	<LOD	4.5	<LOD	20.2
NC57	21.6	22.6	6762	BU12030391	0.13		68	<LOD	81	12814	36361	<LOD	<LOD	66	81
NC57	22.6	23.6	6763	BU12030391	0.25		143	<LOD	<LOD	32421	70289	<LOD	<LOD	52	219
NC57	23.6	24.6	6764	BU12030391	0.07		25.1	<LOD	743	4805	8906	<LOD	<LOD	30	90
NC57	24.6	25.5	6765	BU12030391	0.01		6.2	<LOD	38	3752	5016	<LOD	<LOD	<LOD	328
NC57	25.5	26.5	6766	BU12030391	0.01		<LOD	8.7	65	155	232	<LOD	4.7	<LOD	141
NC57	26.5	27.5	6767	BU12030391	0.02		<LOD	15	53	118.5	117	<LOD	3.9	13	62
NC57	27.5	27.9	6768	BU12030391	<0.01		<LOD	12	285	271	215	<LOD	4.7	<LOD	37
NC57	27.9	28.2	6769	BU12030391	<0.01		<LOD	66	613	244	392	<LOD	<LOD	<LOD	133
NC57	28.2	29.2	6770	BU12030391	<0.01		<LOD	36	33	197	350	<LOD	<LOD	<LOD	118
NC57	29.2	30.2	6771	BU12030391	<0.01		<LOD	28.1	23	97	68.1	<LOD	5.9	<LOD	28.3
NC57	30.2	31.2	6772	BU12030391	<0.01		<LOD	44.5	14	60.6	35.8	<LOD	5.2	<LOD	6.6
NC57	31.2	32.3	6773	BU12030391	<0.01		<LOD	27.7	250	49.7	41.2	<LOD	4.2	<LOD	6.1
NC57	32.3	33.3	6774	BU12030391	0.01		<LOD	32	48	157	246	<LOD	4.8	<LOD	109
NC57	33.3	34.3	6775	BU12030391	<0.01		<LOD	15.3	9	75.1	211	<LOD	<LOD	<LOD	182
NC57	34.3	35.3	6777	BU12030391	0.02		<LOD	24.7	<LOD	67	279	<LOD	<LOD	<LOD	224
NC57	35.3	36.3	6778	BU12030391	0.03		<LOD	17.3	<LOD	66	272	<LOD	<LOD	<LOD	281
NC57	36.3	37.3	6779	BU12030391	0.03		<LOD	10.3	10	70	331	<LOD	<LOD	<LOD	198
NC57	37.3	38.1	6780	BU12030391	0.01		<LOD	19.1	<LOD	137	147	<LOD	<LOD	<LOD	310
NC57	38.1	38.7	6781	BU12030391	<0.01		<LOD	23.3	<LOD	104.1	83.3	<LOD	5.8	<LOD	201
NC57	38.7	39.7	6782	BU12030391	0.03		<LOD	41.4	<LOD	148	53.9	12	5.4	<LOD	257
NC57	39.7	40.7	6783	BU12030391	0.04		<LOD	30	<LOD	138	196	18	4.1	<LOD	431
NC57	40.7	41.3	6784	BU12030391	0.22		<LOD	19	19	244	381	<LOD	<LOD	<LOD	1208
NC57	41.3	42.3	6785	BU12030391	0.62		<LOD	29	<LOD	121	308	<LOD	<LOD	<LOD	438
NC57	42.3	43.3	6786	BU12030391	0.01		<LOD	9.5	<LOD	85.1	299	<LOD	<LOD	<LOD	227
NC57	43.3	44.3	6787	BU12030391	<0.01		<LOD	13.2	<LOD	145	192	<LOD	<LOD	<LOD	119
NC57	44.3	44.8	6788	BU12030391	<0.01		<LOD	10	<LOD	214	155	<LOD	4.9	<LOD	67
NC57	44.8	45.8	6789	BU12030391	<0.01		<LOD	10.5	<LOD	54.6	48.4	<LOD	3.6	<LOD	24.1
NC57	45.8	46.1	6790	BU12030391	<0.01		<LOD	16.4	<LOD	103.6	47.2	<LOD	5.1	<LOD	16.7
NC57	46.1	47.1	6791	BU12030391	<0.01		<LOD	5.2	<LOD	26.8	32.4	<LOD	<LOD	<LOD	20.5
NC57	47.1	47.7	6792	BU12030391	<0.01		<LOD	14.8	<LOD	69.6	35.3	<LOD	3.8	<LOD	12.5
NC57	47.7	48.7	6793	BU12030391	<0.01		<LOD	9.8	10	45	37.3	<LOD	<LOD	<LOD	<LOD
NC57	48.7	49.4	6794	BU12030391	<0.01		<LOD	15.2	<LOD	95.4	51.7	<LOD	10	<LOD	31.9

Frontier Resources Ltd					Down hole assay data										
Hole_ID	From	To	Spl_Id	Lab Batch for Au	Au_ppm	Au_R	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	W_ppm	Mo_ppm	Bi_ppm	Sn_ppm
							Unadjusted raw XRF data								
NC57	49.4	50.4	6795	BU12030391	<0.01		<LOD	10.7	28	155	101.4	<LOD	<LOD	<LOD	52
NC57	50.4	51.5	6796	BU12030391	0.02		8.1	<LOD	65	3685	2403	<LOD	<LOD	<LOD	65
NC57	51.5	52.5	6797	BU12030391	<0.01		<LOD	43	48	285	508	<LOD	5.2	<LOD	13.1
NC57	52.5	53	6798	BU12030391	0.01		3.7	<LOD	54	898	1088	<LOD	6.6	<LOD	14.5
NC57	53	54.1	6799	BU12030391	0.02		12	<LOD	<LOD	7751	8943	<LOD	3.6	<LOD	20
NC57	54.1	54.4	6800	BU12030391	0.04		15.4	<LOD	<LOD	12569	12944	<LOD	<LOD	<LOD	22
NC57	54.4	54.5	6802	BU12030391	0.01		<LOD	37	28	286	378	18	20.6	<LOD	39.7
NC57	54.5	55.5	6803	BU12030391	0.02		3.4	<LOD	41	1138	1975	45	<LOD	<LOD	21.3
NC57	55.5	56.5	6804	BU12030391	<0.01		3.9	<LOD	69	2709	2288	51	6.3	<LOD	20.6
NC57	56.5	57.5	6805	BU12030391	<0.01		<LOD	12.7	32	169	114.6	<LOD	3.4	<LOD	7.2
NC57	57.5	58.5	6806	BU12030391	<0.01		2.1	<LOD	30	536	509	29	5	<LOD	31.2
NC57	58.5	59.5	6807	BU12030391	<0.01		2.7	<LOD	43	1655	1691	53	<LOD	<LOD	25
NC57	59.5	60.5	6808	BU12030391	0.02		4.2	<LOD	24	2946	4014	96	<LOD	23	38.9
NC57	60.5	61.5	6809	BU12030391	<0.01		<LOD	54	114	216	661	31	<LOD	<LOD	120
NC57	61.5	62.5	6810	BU12030391	0.01		<LOD	50	107	681	1300	44	3.4	<LOD	85
NC57	62.5	63.5	6811	BU12030391	0.01		4.8	<LOD	126	3367	1904	52	4.5	14	51
NC57	63.5	64.5	6812	BU12030391	0.02		3.3	31	88	842	8255	110	<LOD	<LOD	43
NC57	64.5	65	6813	BU12030391	0.03		15.4	<LOD	208	8396	8877	221	<LOD	43	62

Drill Log — Frontier Resources Ltd

PROJECT:	Gowrie Park	**HOLE NO:**	NC 58	**DRILL TYPE:**	Little rig
PROSPECT:	Narrawa Creek	**DATE COMMENCED:**		**DRILLER:**	P.Schiek, A.Eastaugh, S.Homan, T.Hinds
TENENMENT:	RL3/2005	**DATE COMPLETED:**	2012	**LOGGED BY:**	Chris Thaus
EASTING	425,477.00	**TOTAL DEPTH (m):**	28.9	**LOGGING DATE:**	7/02/2012
NORTHING	5,406,736.50	**AZIMUTH (TN):**	0	**OXIDATION** BOCO:	
COLLAR RL:		**DIP:**	-90	BOPO:	

Drilling details

Core Size	From	To
TT56	0.00	28.90

Comments

Hole designed to:- Test the 500 lode at Narrawa Creek.

Significant Analysis Intervals:

Hole_ID	From	To	Interval
NC58	2.7	3.7	1.4 g/t Au.

Summary Log

From	To	Graphic	Summary Description (Lith, Altn, Mineralisation)
0.00	5.35		Biotite hornfels, skarn
5.35	8.70		Biotite hornfels,sulphides
8.70	16.05		Sandstone, calc silicate
16.05	18.10		Qtz, feld porphyry
18.10	25.30		Sandstone, calc silicate, brown biotite
25.30	28.90		Sandstone, calc silicates

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Hole_ID	Depth	Azimuth(TN)	Dip	Azimuth(Mag)	Type	Date
NC58	0	0	-90	0	Measured at collar	

Survey type	
1	Single shot down hole camera
2	Measured at collar
3	Inferred survey for display
4	Other - see comments

Frontier Resources Ltd				Drill Core Recovery & RQD Log			
Hole_ID	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
NC 58	0.00	1.50	1.50	1.00	66.67	0.00	0.00
NC 58	1.50	3.00	1.50	1.40	93.33	0.45	30.00
NC 58	3.00	4.50	1.50	1.50	100.00	1.00	66.67
NC 58	4.50	6.00	1.50	1.50	100.00	0.85	56.67
NC 58	6.00	7.50	1.50	1.50	100.00	1.50	100.00
NC 58	7.50	9.00	1.50	1.50	100.00	1.15	76.67
NC 58	9.00	10.50	1.50	1.50	100.00	1.00	66.67
NC 58	10.50	12.00	1.50	1.50	100.00	0.60	40.00
NC 58	12.00	13.50	1.50	1.50	100.00	0.20	13.33
NC 58	13.50	15.00	1.50	1.50	100.00	0.00	0.00
NC 58	15.00	16.50	1.50	1.50	100.00	0.85	56.67
NC 58	16.50	18.00	1.50	1.50	100.00	1.00	66.67
NC 58	18.00	19.50	1.50	1.50	100.00	0.85	56.67
NC 58	19.50	21.00	1.50	1.50	100.00	0.95	63.33
NC 58	21.00	22.50	1.50	1.50	100.00	0.90	60.00
NC 58	22.50	24.00	1.50	1.50	100.00	0.70	46.67
NC 58	24.00	25.50	1.50	1.50	100.00	1.25	83.33
NC 58	25.50	27.00	1.50	1.50	100.00	0.45	30.00
NC 58	27.00	28.50	1.50	1.50	100.00	0.25	16.67
NC 58	28.50	28.90	0.40	0.40	100.00	0.15	37.50

Frontier Resources - Sample Recovery and Assay Notes						
Hole_ID	Sample ID	From (m)	To (m)	Interval (m)	Sampled Interval	% Sampled
NC 58	No sample	0	1.7	1.7	0	
NC 58	6814	1.7	2.7	1	1	50.00
NC 58	6815	2.7	3.7	1	1	50.00
NC 58	6816	3.7	4.7	1	1	50.00
NC 58	6817	4.7	5.3	0.6	0.6	50.00
NC 58	6818	5.3	6.3	1	1	50.00
NC 58	6819	6.3	7.3	1	1	50.00
NC 58	6820	7.3	8.3	1	1	50.00
NC 58	6821	8.3	8.7	0.4	0.4	50.00
NC 58	6822	8.7	9.7	1	1	50.00
NC 58	6823	9.7	10.7	1	1	50.00
NC 58	6824	10.7	11.7	1	1	50.00
NC 58		11.7	12.7	1	1	
NC 58		12.7	13.7	1	1	
NC 58		13.7	14.7	1	1	
NC 58		14.7	15.2	0.5	0.5	
NC 58		15.2	16.05	0.85	0.85	
NC 58		16.05	17	0.95	0.95	
NC 58	6825	17	17.9	0.9	0.9	50.00
NC 58	6827	17.9	18.1	0.2	0.2	50.00
NC 58		18.1	18.8	0.7	0.7	
NC 58		18.8	19.3	0.5	0.5	
NC 58		19.3	19.55	0.25	0.25	
NC 58	6828	19.55	20.2	0.65	0.65	50.00
NC 58	6829	20.2	21.2	1	1	50.00
NC 58	6830	21.2	22.2	1	1	50.00
NC 58	6831	22.2	23.2	1	1	50.00
NC 58	6832	23.2	24.2	1	1	50.00
NC 58	6833	24.2	25.2	1	1	50.00
NC 58	6834	25.2	26.2	1	1	50.00
NC 58		26.2	27.2	1	1	
NC 58		27.2	28.2	1	1	
NC 58		28.2	28.9	0.7	0.7	

Frontier Resources Ltd							Down hole assay data								
Hole_ID	From	To	Spl_Id	Lab Batch	Au_ppm	Au_R	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	W_ppm	Mo_ppm	Bi_ppm	Sn_ppm
							Unadjusted raw XRF data.								
NC58	1.7	2.7	6814	BU12030391	0.89		<LOD	17.6	140	56.5	188	185	<LOD	<LOD	422
NC58	2.7	3.7	6815	BU12030391	1.4		<LOD	19.5	92	50.5	107	961	<LOD	<LOD	311
NC58	3.7	4.7	6816	BU12030391	0.59		<LOD	26.2	99	57	103.9	<LOD	<LOD	<LOD	202
NC58	4.7	5.3	6817	BU12030391	0.45		<LOD	15	222	40.7	84	20	<LOD	<LOD	397
NC58	5.3	6.3	6818	BU12030391	0.02		<LOD	13.9	528	25.6	62	131	6.2	<LOD	282
NC58	6.3	7.3	6819	BU12030391	0.06		<LOD	17.3	1411	35	79	55	<LOD	<LOD	69
NC58	7.3	8.3	6820	BU12030391	0.29		<LOD	7.6	1525	56	90	35	<LOD	<LOD	89
NC58	8.3	8.7	6821	BU12030391	0.01		<LOD	19.9	19	9	250	1405	226	<LOD	262
NC58	8.7	9.7	6822	BU12030391	0.01		<LOD	52	428	260	65.9	<LOD	<LOD	488	31
NC58	9.7	10.7	6823	BU12030391	0.04		<LOD	66.7	29	50.3	80.8	<LOD	<LOD	<LOD	48
NC58	10.7	11.7	6824	BU12030391	0.02		3.7	42	351	249	63.6	<LOD	16.8	521	31.6
NC58	17	17.9	6825	BU12030391	<0.01		<LOD	15.6	217	46.6	93.6	38	10.1	13	22
NC58	17.9	18.1	6827	BU12030391	0.02		<LOD	9.8	<LOD	49.5	47	94	357	<LOD	49
NC58	19.55	20.2	6828	BU12030391	0.01		<LOD	9.5	14	46.2	79.2	318	<LOD	<LOD	25.2
NC58	20.2	21.2	6829	BU12030391	<0.01		<LOD	9.7	21	40.6	89.6	<LOD	<LOD	<LOD	24.5
NC58	21.2	22.2	6830	BU12030391	0.01		<LOD	9.2	34	43.6	86.2	<LOD	<LOD	<LOD	42
NC58	22.2	23.2	6831	BU12030391	0.01		<LOD	<LOD	36	52.6	58.4	<LOD	8.2	10	31.7
NC58	23.2	24.2	6832	BU12030391	<0.01		<LOD	8	23	47.3	36.6	<LOD	12.2	<LOD	<LOD
NC58	24.2	25.2	6833	BU12030391	<0.01		<LOD	6.8	22	36	71.7	<LOD	5.4	<LOD	18.1
NC58	25.2	26.2	6834	BU12030391	<0.01		<LOD	9.4	27	60.5	100.3	<LOD	<LOD	<LOD	36

Drill Log — Frontier Resources Ltd

PROJECT:	Gowrie Park	**HOLE NO:**	NC 59	**DRILL TYPE:**	Little rig
PROSPECT:	Narrawa Creek	**DATE COMMENCED:**		**DRILLER:**	P.Schiek, A.Eastaugh, T.Hinds, S.Homan
TENENMENT:	RL3/2005	**DATE COMPLETED:**	2012	**LOGGED BY:**	Chris Thaus
EASTING	425,523.40	**TOTAL DEPTH (m):**	42.5	**LOGGING DATE:**	2012
NORTHING	5,406,720.60	**AZIMUTH (TN):**	0	**OXIDATION** BOCO:	
COLLAR RL:		**DIP:**	90	BOPO:	

Drilling details

Core Size	From	To
TT56	0.00	42.50

Comments

Hole designed to:- Test the 500 lode at Narrawa Creek.

Significant Analysis Intervals:

Hole_ID	From	To	Interval
			Nothing signifigant intersected.

Summary Log

From	To	Graphic	Summary Description (Lith, Altn, Mineralisation)
0.00	3.90		Sandstone
3.90	10.85		Sandstone, brown biotite, calc silicatyes
10.85	12.70		Sandstone
12.70	26.20		Sandstone, brown biotite, calc silicates
26.20	30.00		Biotite hornfels, calc silicates
0.00	32.10		Biotite hornfels, calc silicates, minor skarn
0.00	34.30		Sandstone, brown biotite, calc silicates
0.00	35.10		Biotite hornfels, calc silicates
0.00	42.30		Sandstone, calc silicates
0.00	42.50		Siltstone

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Hole_ID	Depth	Azimuth(TN)	Dip	Azimuth(Mag)	Type	Date
NC59	0	0	-90	0	Measured at collar	

Survey type	
1	Single shot down hole camera
2	Measured at collar
3	Inferred survey for display
4	Other - see comments

Frontier Resources Ltd				Drill Core Recovery & RQD Log			
Hole_ID	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
NC 59	0	1.5	1.5	0	0.00	0	0.00
NC 59	1.5	3	1.5	0.6	40.00	0.25	16.67
NC 59	3	4.5	1.5	0.95	63.33	0.25	16.67
NC 59	4.5	6	1.5	1.5	100.00	0.4	26.67
NC 59	6	7.5	1.5	1.5	100.00	0	0.00
NC 59	7.5	9	1.5	1.5	100.00	0.1	6.67
NC 59	9	10.5	1.5	0.75	50.00	0	0.00
NC 59	10.5	12	1.5	1.1	73.33	0	0.00
NC 59	12	13.5	1.5	1.3	86.67	0	0.00
NC 59	13.5	15	1.5	1.15	76.67	0	0.00
NC 59	15	16.5	1.5	1.4	93.33	0.2	13.33
NC 59	16.5	18	1.5	1.4	93.33	0	0.00
NC 59	18	19.5	1.5	1.5	100.00	0.3	20.00
NC 59	19.5	21	1.5	1.5	100.00	0.85	56.67
NC 59	21	22.5	1.5	1.5	100.00	0.65	43.33
NC 59	22.5	24	1.5	1.5	100.00	0.5	33.33
NC 59	24	25.5	1.5	1.5	100.00	0.7	46.67
NC 59	25.5	27	1.5	1.5	100.00	1.1	73.33
NC 59	27	28.5	1.5	1.5	100.00	1.15	76.67
NC 59	28.5	30	1.5	1.5	100.00	1.1	73.33
NC 59	30	31.5	1.5	1.5	100.00	1.2	80.00
NC 59	31.5	33	1.5	1.5	100.00	1.15	76.67
NC 59	33	34.5	1.5	1.5	100.00	0.65	43.33
NC 59	34.5	36	1.5	1.5	100.00	0.85	56.67
NC 59	36	37.5	1.5	1.4	93.33	1.35	90.00
NC 59	37.5	39	1.5	1.5	100.00	1.3	86.67
NC 59	39	40.5	1.5	1.5	100.00	1.2	80.00
NC 59	40.5	42	1.5	1.5	100.00	0.85	56.67
NC 59	42	42.5	0.5	0.4	80.00	0.2	40.00

Frontier Resources - Sample Recovery and Assay Notes						
Hole_ID	Sample ID	From (m)	To (m)	Interval (m)	Sampled Interval	% Sampled
NC 59	6857	0.00	3.00	3.00	3.00	50.00
NC 59	6858	3.00	4.00	1.00	1.00	50.00
NC 59	6859	4.00	5.00	1.00	1.00	50.00
NC 59	6860	5.00	6.00	1.00	1.00	50.00
NC 59	6861	6.00	7.00	1.00	1.00	50.00
NC 59	6862	7.00	8.00	1.00	1.00	50.00
NC 59	6863	8.00	9.00	1.00	1.00	50.00
NC 59	6864	9.00	10.00	1.00	1.00	50.00
NC 59	6835	10.00	11.00	1.00	1.00	50.00
NC 59	6836	11.00	12.00	1.00	1.00	50.00
NC 59	6837	12.00	12.70	0.70	0.70	50.00
NC 59	6838	12.70	13.70	1.00	1.00	50.00
NC 59	6839	13.70	14.70	1.00	1.00	50.00
NC 59	6840	14.70	15.70	1.00	1.00	50.00
NC 59	6841	15.70	16.70	1.00	1.00	50.00
NC 59	6842	16.70	17.70	1.00	1.00	50.00
NC 59	6872	17.70	18.50	0.80	0.80	50.00
NC 59	6873	18.50	19.50	1.00	1.00	50.00
NC 59	6874	19.50	20.50	1.00	1.00	50.00
NC 59	6875	20.50	21.50	1.00	1.00	50.00
NC 59	6876	21.50	22.50	1.00	1.00	50.00
NC 59	6877	22.50	23.50	1.00	1.00	50.00
NC 59	6878	23.50	24.50	1.00	1.00	50.00
NC 59	6843	24.50	25.50	1.00	1.00	50.00
NC 59	6844	25.50	26.50	1.00	1.00	50.00
NC 59	6845	26.50	27.20	0.70	0.70	50.00
NC 59	6846	27.20	28.20	1.00	1.00	50.00
NC 59	6847	28.20	29.20	1.00	1.00	50.00
NC 59	6848	29.20	30.00	0.80	0.80	50.00
NC 59	6849	30.00	30.65	0.65	0.65	50.00
NC 59	6850	30.65	31.65	1.00	1.00	50.00
NC 59	6852	31.65	32.10	0.45	0.45	50.00
NC 59	6853	32.10	33.10	1.00	1.00	50.00
NC 59	6854	33.10	34.30	1.20	1.20	50.00
NC 59	6855	34.30	35.10	0.80	0.80	50.00
NC 59	6856	35.10	36.10	1.00	1.00	50.00
NC 59	6865	36.10	37.10	1.00	1.00	50.00
NC 59	6866	37.10	38.10	1.00	1.00	50.00
NC 59	6867	38.10	39.10	1.00	1.00	50.00
NC 59	6868	39.10	40.10	1.00	1.00	50.00
NC 59	6869	40.10	41.10	1.00	1.00	50.00

Frontier Resources - Sample Recovery and Assay Notes						
Hole_ID	Sample ID	From (m)	To (m)	Interval (m)	Sampled Interval	% Sampled
NC 59	6870	41.10	42.30	1.20	1.20	50.00
NC 59	6871	42.30	42.50	0.20	0.20	50.00

Frontier Resources Ltd					Down hole assay data										
Hole_ID	From	To	Spl_Id	Lab Batch	Au_ppm	Au_R	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	W_ppm	Mo_ppm	Bi_ppm	Sn_ppm
							Unadjusted raw XRF data.								
NC59	0	3	6857	BU12030391	0.04		<LOD	24.2	<LOD	114.9	52.5	<LOD	<LOD	<LOD	27.9
NC59	3	4	6858	BU12030391	0.01		<LOD	55	31	87.9	88.2	22	<LOD	14	73
NC59	4	6	6859	BU12030391	0.01		<LOD	17.3	<LOD	80.3	262	<LOD	<LOD	<LOD	26.5
NC59	5	6	6860	BU12030391	<0.01		<LOD	9	24	242	73.4	<LOD	<LOD	<LOD	20
NC59	6	7	6861	BU12030391	0.01		<LOD	43.7	35	145	57	<LOD	<LOD	<LOD	19.9
NC59	7	8	6862	BU12030391	<0.01		<LOD	39.7	14	110.8	51.4	11	<LOD	<LOD	31.1
NC59	8	9	6863	BU12030391	0.01		<LOD	29	34	252	96.7	<LOD	5.1	<LOD	60.2
NC59	9	10	6864	BU12030391	0.02		<LOD	376	219	97.6	112	24	12.6	<LOD	134
NC59	10	11	6835	BU12030391	0.02		<LOD	123.8	217	17.1	66	12	4.5	<LOD	217
NC59	11	12	6836	BU12030391	0.04		<LOD	276	654	19.7	70.3	78	12.9	<LOD	78
NC59	12	12.7	6837	BU12030391	0.02		<LOD	65.5	826	16.6	51.8	45	8.6	<LOD	31
NC59	12.7	13.7	6838	BU12030391	<0.01		<LOD	130.7	177	7.5	26.5	570	119	17	32
NC59	13.7	14.7	6839	BU12030391	<0.01		<LOD	63.6	<LOD	56	50.4	44	26.2	15	40.1
NC59	14.7	15.7	6840	BU12030391	<0.01		<LOD	51.4	212	25.4	66.4	32	6.5	<LOD	29.5
NC59	15.7	16.7	6841	BU12030391	<0.01		<LOD	29	79	17.3	270	209	<LOD	<LOD	55
NC59	16.7	17.7	6842	BU12030391	0.02		<LOD	237	87	25	89	819	407	24	53
NC59	17.7	18.5	6872	BU12030391	<0.01		<LOD	21.1	14	104	70.7	<LOD	8.4	<LOD	16.7
NC59	18.5	19.5	6873	BU12030391	<0.01		<LOD	18	43	40.6	57.2	19	61.1	<LOD	34.4
NC59	19.5	20.5	6874	BU12030391	0.01		<LOD	16.9	19	33.7	47.1	19	442	<LOD	29.1
NC59	20.5	21.5	6875	BU12030391	<0.01		<LOD	12.4	<LOD	32.4	49.9	15	106	<LOD	44
NC59	21.5	22.5	6876	BU12030391	<0.01		<LOD	25.4	<LOD	94.2	63.2	8	9.8	<LOD	10.5
NC59	22.5	23.5	6877	BU12030391	<0.01		<LOD	19.5	16	79.9	230	20	18.9	<LOD	46.3
NC59	23.5	24.5	6878	BU12030391	0.03		3.2	<LOD	22	664	1839	43	4.8	<LOD	12.9
NC59	24.5	25.5	6843	BU12030391	<0.01		<LOD	19.3	13	81	60.2	15	23.8	<LOD	30.5
NC59	25.5	26.5	6844	BU12030391	0.02		<LOD	<LOD	17	781	570	27	<LOD	<LOD	15.9
NC59	26.5	27.2	6845	BU12030391	0.05		<LOD	<LOD	9	578	757	35	<LOD	<LOD	20.2
NC59	27.2	28.2	6846	BU12030391	0.01		<LOD	9.7	<LOD	130	231	<LOD	<LOD	315	14.4
NC59	28.2	29.2	6847	BU12030391	0.01		<LOD	16.6	18	134	620	<LOD	<LOD	<LOD	26.6
NC59	29.2	30	6848	BU12030391	<0.01		<LOD	6.7	<LOD	114	347	<LOD	<LOD	<LOD	15.5
NC59	30	30.65	6849	BU12030391	0.02		3.9	<LOD	80	917	1757	56	<LOD	<LOD	74
NC59	30.65	31.65	6850	BU12030391	0.01		<LOD	<LOD	<LOD	137.2	921	18	<LOD	<LOD	105
NC59	31.65	32.1	6852	BU12030391	0.01		<LOD	8.1	36	106	704	14	<LOD	<LOD	118
NC59	32.1	33.1	6853	BU12030391	<0.01		<LOD	5.8	28	102.2	190	<LOD	15	<LOD	46
NC59	33.1	34.3	6854	BU12030391	0.01		<LOD	53.9	62	88.7	138	<LOD	7.5	<LOD	31
NC59	34.3	35.1	6855	BU12030391	0.01		2.2	5.6	63	128.8	1720	<LOD	<LOD	<LOD	53
NC59	35.1	36.1	6856	BU12030391	<0.01		<LOD	11.4	14	52.3	30.3	<LOD	28.5	<LOD	23.9
NC59	36.1	37.1	6865	BU12030391	0.01		<LOD	19.1	14	88.2	28.1	<LOD	36.7	<LOD	25.4
NC59	37.1	38.1	6866	BU12030391	<0.01		<LOD	10.1	13	40.7	20.1	<LOD	22.8	<LOD	11.4
NC59	38.1	39.1	6867	BU12030391	<0.01		<LOD	21.1	27	61.2	16.2	<LOD	13.7	<LOD	60
NC59	39.1	40.1	6868	BU12030391	0.01		<LOD	<LOD	22	95.9	43.6	<LOD	34.8	<LOD	15.6
NC59	40.1	41.1	6869	BU12030391	<0.01		<LOD	7.3	11	38.9	25.6	<LOD	7.6	<LOD	13

Frontier Resources Ltd							Down hole assay data								
Hole_ID	From	To	Spl_Id	Lab Batch	Au_ppm	Au_R	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	W_ppm	Mo_ppm	Bi_ppm	Sn_ppm
							Unadjusted raw XRF data.								
NC59	41.3	42.3	6870	BU12030391	<0.01		<LOD	11.1	<LOD	81.5	55	<LOD	4.3	<LOD	10.9
NC59	42.3	42.5	6871	BU12030391	<0.01		<LOD	10.6	35	40.5	28.9	<LOD	9.2	<LOD	28.9

Drill Log — Frontier Resources Ltd

PROJECT:	Gowrie Park	**HOLE NO:**	NC60	**DRILL TYPE:**	Little rig
PROSPECT:	Three Sisters	**DATE COMMENCED:**		**DRILLER:**	P. Schiek and A. Eastaugh
TENENMENT:	RL3/2005	**DATE COMPLETED:**	2012	**LOGGED BY:**	Chris Thaus
EASTING	426,048.00	**TOTAL DEPTH (m):**	45.05	**LOGGING DATE:**	2012
NORTHING	5,406,674.00	**AZIMUTH (TN):**	212	**OXIDATION** BOCO:	
COLLAR RL:		**DIP:**	-55	BOPO:	

Drilling details

Core Size	From	To
TT56	0.00	45.05

Comments

Hole designed to:- Test coincident soil geochem, EM anomaly and mag high at the Big Sister (1 of 3).

Significant Analysis Intervals:

Hole_ID	From	To	Interval
	3	3.85	1.25 g/t Au over interval.
	30.6	31	2.15 g/t Au over interval.

Summary Log

From	To	Graphic	Summary Description (Lith, Altn, Mineralisation)
0.00	1.50		Soil
1.50	3.90		Sandstone
3.90	4.05		Granite
4.05	7.65		Sandstone
7.65	7.75		Biotite hornfels
7.75	9.90		Granite
9.90	13.20		Sandstone
13.20	15.80		Fine sandstone/ siltstone
15.80	17.40		Sandstone
17.40	17.80		Semi massive sulphides
17.80	20.90		Siltstone
20.9			Fault
20.9	28.5		Biotite hornfels, skarn
28.5	29.2		Calc silicates
29.2	30.7		Biotite hornfels
30.7	31		Semi massive sulphides
31	34		Biotite hornfels
34	34.85		Calc silicates
34.85	42.6		Biotite hornfels
42.6	45.05		Sandstone

Frontier Resources Detailed Drill Log

| | Hole Number | | NC60 | Sheet No | 1 | Mineralisation / Alteration and a | | | **Full description: including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details** | | |

Frontier Resources Detailed Drill Log

	Hole Number		NC60	Sheet No	1	Mineralisation / Alteration and a			**Full description: including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details**																																			
HOLE_ID	INTERVAL		ROCK CODES			Alteration summary				Pyrite		Galena		Sphalerite		Biotite		Silica		Sericite		Chlorite		(Ca)CO3		Calc-Sil		Skarn		Magnetic		QVN	Other minerals / texture / colour									
	FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour
NC60	17.30	17.80		SSAND	SMSX	HORN		T	Grey to dark grey/ brown fine sand/s, variably biotised. Dendritic, patchy fine pyrite, increasing with depth to disseminated, abundant and finally semi massive 40mm band at 17.8 at 75d TCA. Minor euhedral galena?	D		D																																
NC60	17.80	19.00		SSILT	OX			T	Dark grey silt/s with white and orange laminations or blotches, ferruginous clays. Fabric variable, approx 65d TCA, bedding? Foliation? Some slip planes on same orientation, rubbly, puggy.																																		
NC60	19.00	20.80		SSILT					Same as above but becoming more coherent and less friable, Rubbly, multiple slip planes on jointing, 60d TCA, Sporadic white prismatic mineral to 2mm.																																		
NC60	20.80	20.90		FALT					Fault, Pug and rubble. Abrupt to..																																		
NC60	20.90	21.60		SSILT	HORN	SKARN	CSP		Mixed biotite, calc silicate, actinolite, pyroxene? Skarn. Abrupt and diffuse boundaries, chaotic textures, Bedding replacement? 70d TCA.																																		
NC60	21.60	22.90		SSILT	HORN	SKARN	CSP		Dark grey to black biotite hornfels with minor calc silicates, actinolite, pyroxene? Bedding? Approx 70d TCA. Soft sedi textures? Very minor disseminated pyrite.	D																																		
NC60	22.90	23.60		SSILT	HORN	CSP			Dark grey to black biotite hornfels intermixed with light pink to light green calc silicates. 30-70. chaotic.																																		
NC60	23.60	28.50		SSILT	HORN	CSP	SKARN		Biotite hornfels with minor actinolite, pyroxene. Minor pyrite, pyrrhotite and magnetite to 26 as disseminations. Biotisation intensity decreases DH and calc silicate, act increases.																																		
NC60	28.50	29.20		SSILT	CSP				Mixed calc silicates, cream, light pink and greens (act?) Chaotic. Diffuse to..																																		
NC60	29.20	30.70		SSILT	HORN	CSP			grey biotite increasing DH to dark grey/ black. Decreasing calc silicates to rare. 30.5-30.7 disseminated and clot pyrite.																																		
NC60	30.70	31.00		SSILT	SMSX	HORN			Semi massive pyrite, pyrrhotite intermixed in black biotite. Some euhedral pyrite filling into cavities. Very minor chalco. Distribution of sulphides is chaotic? Bedding replacement? If yes 60d TCA.	SP																											Po	SP		Mag	SP			
NC60	31.00	33.45		SSILT	HORN				Dark grey to black biotite hornfels with moderate/ minor pyrite, pyrrhotite and magnetite, distributed irregularly as disseminations, clots and fracture fill. Decreases DH to rare at 33.45	SP																											Po	SP		Mag	SP			
NC60	33.45	34.85		SSILT	HORN	CSP	SKARN		Grey/ black biotite hornfels moving to solely calc silicate, actinolite skarn by 34.5. Skarn is spotty. 10mm granitic vein at 34.2, qtz, feld, chlorite. 1 spot of moly. 10-15d TCA. Abrupt but diffuse to..																																		
NC60	34.85	36.30		SSILT	HORN	CSP	SKARN		Grey/ black biotite hornfels with consistent magnetite throughout. Some domains more intense than others. Very minor actinolite, pyroxene, pyrite. Mixed actinolite, calc silicate, biotite, magnetite and minor pyrite 35.9-36.1. After 36.3 magnetite and sulphides dry up in a biotite hornfels. Diffuse to..																												Mag	SP						
NC60	36.30	37.70		SSAND	HORN	CSP			Grey/ black biotite hornfels gradually becoming less intensely biotised to a grey/ light grey medium sand sand/s. Minor calc silicates intermixed. Diffuse to..																																		
NC60	37.70	39.50		SSAND	HORN				Increasing but patchy grey/ black biotite hornfels. Very minor dissem pyrite. Diffuse to..	D																																		
NC60	39.50	42.40		SSAND	HORN	SKARN			Grey/ black biotite hornfels with moderate/ minor disseminated clots and fracture fill pyrite and pyrrhotite. Minor pyroxene? and garnet? Around 40m. Fibrous pyrite mixed with qtz in minor tensional vein. Sulphides die out at	D																																		
NC60	42.40	42.60		SSAND	HORN				Dark grey medium sand/s, less intensely biotised than above. Very minor disseminated pyrite.	D																																		

Frontier Resources Detailed Drill Log

	Hole Number		NC60	Sheet No	1	Mineralisation / Alteration and a		**Full description: including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details**	**Pyrite**		**Galena**		**Sphalerite**		**Biotite**		**Silica**		**Sericite**		**Chlorite**		**(Ca)CO3**		**Calc-Sil**		**Skarn**		**Magnetic**		**QVN**	**Other minerals / texture / colour**							
HOLE_ID	**INTERVAL**	**ROCK CODES**			**Alteration summary**			eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets																															
	FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering		Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour
NC60	42.60	44.00		SSAND	HORN				Coarse biotite throughout. Coarse biotite veins? At 43.1, 43.9, 43.7. Variable, magnetite, pyrrhotite and pyrite found as disseminations, clots and fracture fill, very minor to minor/ moderate.	D																								po	D		Mag	D			
NC60	44.00	45.05		SSAND	HORN				depth. Pyrite, pyrrhotite locally abundant at 44 and gradually decreasing to44.5 where it becomes rare. Pyrite and pyrrhotite return in last 50mm.	D																								po							
NC60	EOH																																						

Hole_ID	Depth	Azimuth(TN)	Dip	Azimuth(Mag)	Type	Date
NC60	0	213	-55	199	Measured at collar	

Survey type	
1	Single shot down hole camera
2	Measured at collar
3	Inferred survey for display
4	Other - see comments

Frontier Resources Ltd				Drill Core Recovery & RQD Log			
Hole_ID	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
NC60	0	1.5	1.5	1.5	100.00	0	0.00
NC60	1.5	3	1.5	0.75	50.00	0	0.00
NC60	3	4.5	1.5	1.5	100.00	0	0.00
NC60	4.5	6	1.5	1.5	100.00	0	0.00
NC60	6	7.5	1.5	1.5	100.00	0	0.00
NC60	7.5	9	1.5	1.4	93.33	0	0.00
NC60	9	10.5	1.5	1.3	86.67	40	30.77
NC60	10.5	12	1.5	1.15	76.67	45	39.13
NC60	12	13.5	1.5	1.4	93.33	35	25.00
NC60	13.5	15	1.5	1.3	86.67	0	0.00
NC60	15	16.5	1.5	1.5	100.00	0	0.00
NC60	16.5	18	1.5	1.5	100.00	85	56.67
NC60	18	19.5	1.5	1.4	93.33	0	0.00
NC60	19.5	21	1.5	1.3	86.67	0	0.00
NC60	21	22.5	1.5	1.5	100.00	130	86.67
NC60	22.5	24	1.5	1.5	100.00	110	73.33
NC60	24	25.5	1.5	1.5	100.00	125	83.33
NC60	25.5	27	1.5	1.5	100.00	85	56.67
NC60	27	28.5	1.5	1.5	100.00	110	73.33
NC60	28.5	30	1.5	1.5	100.00	130	86.67
NC60	30	31.5	1.5	1.5	100.00	150	100.00
NC60	31.5	33	1.5	1.5	100.00	130	86.67
NC60	33	34.5	1.5	1.5	100.00	70	46.67
NC60	34.5	36	1.5	1.5	100.00	85	56.67
NC60	36	37.5	1.5	1.5	100.00	80	53.33
NC60	37.5	39	1.5	1.5	100.00	110	73.33
NC60	39	40.5	1.5	1.5	100.00	110	73.33
NC60	40.5	42	1.5	1.5	100.00	120	80.00
NC60	42	43.5	1.5	1.5	100.00	110	73.33
NC60	43.5	45	1.5	1.5	100.00	120	80.00
NC60	45	45.05	0.05	0.05	100.00	0	0.00

Frontier Resources - Sample Recovery and Assay Notes						
Hole_ID	Sample ID	From (m)	To (m)	Interval (m)	Sampled Interval	% Sampled
NC60	4458	0	1.5	1.5	1.5	50.00
NC60	4460	1.5	3	1.5	1.5	50.00
NC60	4461	3	3.85	0.85	0.85	50.00
NC60	4462	3.85	4.05	0.2	0.2	50.00
NC60	4463	4.05	5	0.95	0.95	50.00
NC60	4464	5	6	1	1	50.00
NC60	4465	6	7	1	1	50.00
NC60	4466	7	7.8	0.8	0.8	50.00
NC60	4467	7.8	8.8	1	1	50.00
NC60	4468	8.8	9.95	1.15	1.15	50.00
NC60	4469	9.95	10.4	0.45	0.45	50.00
NC60	4470	10.4	11.4	1	1	50.00
NC60	4471	11.4	12.4	1	1	50.00
NC60	4472	12.4	13.1	0.7	0.7	50.00
NC60	4473	13.1	14	0.9	0.9	50.00
NC60	4474	14	15	1	1	50.00
NC60	4475	15	15.8	0.8	0.8	50.00
NC60	4476	15.8	16.6	0.8	0.8	50.00
NC60	4477	16.6	17.3	0.7	0.7	50.00
NC60	4478	17.3	17.8	0.5	0.5	50.00
NC60	4479	17.8	18.8	1	1	50.00
NC60	4480	18.8	19.8	1	1	50.00
NC60	4481	19.8	20.9	1.1	1.1	50.00
NC60	4482	20.9	22	1.1	1.1	50.00
NC60	4483	22	23	1	1	50.00
NC60	4485	23	24	1	1	50.00
NC60	4486	24	25	1	1	50.00
NC60	4487	25	26	1	1	50.00
NC60	4488	26	27	1	1	50.00
NC60	4489	27	28	1	1	50.00
NC60	4490	28	29	1	1	50.00
NC60	4491	29	30	1	1	50.00
NC60	4492	30	30.6	0.6	0.6	50.00
NC60	4493	30.6	31	0.4	0.4	50.00
NC60	4494	31	32	1	1	50.00
NC60	4495	32	33	1	1	50.00
NC60	4496	33	34	1	1	50.00
NC60	4497	34	35	1	1	50.00
NC60	4498	35	35.8	0.8	0.8	50.00
NC60	4499	35.8	36.15	0.35	0.35	50.00
NC60	4500	36.15	36.6	0.45	0.45	50.00

Frontier Resources - Sample Recovery and Assay Notes						
Hole_ID	Sample ID	From (m)	To (m)	Interval (m)	Sampled Interval	% Sampled
NC60	4951	36.6	37.6	1	1	50.00
NC60	4952	37.6	38.6	1	1	50.00
NC60	4953	38.6	39.6	1	1	50.00
NC60	4954	39.6	40.6	1	1	50.00
NC60	4955	40.6	41.6	1	1	50.00
NC60	4956	41.6	42.6	1	1	50.00
NC60	4957	42.6	43.6	1	1	50.00
NC60	4958	43.6	44.6	1	1	50.00
NC60	4960	44.6	45.05	0.45	0.45	50.00

Frontier Resources Ltd							Down hole assay data								
Hole_ID	From	To	Spl_Id	Lab Batch	Au_ppm	Au_R	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	W_ppm	Mo_ppm	Bi_ppm	Sn_ppm
							Unadjusted raw XRF data.								
NC60	0	1.5	4458	2AD1605	0.66	--	<LOD	345	86	79	35.3	166	147	143	86
NC60	1.5	3	4460	2AD1605	0.15	--	<LOD	177	107	46	48.9	31	126	46	17.9
NC60	3	3.85	4461	2AD1605	1.25	--	<LOD	85	300	25.3	30.1	<LOD	74.9	36	8.1
NC60	3.85	4.05	4462	2AD1605	0.11	--	<LOD	48.4	27	28.7	11.9	27	39.7	84	8.7
NC60	4.05	5	4463	2AD1605	0.03	--	<LOD	34.5	35	17.4	9.1	7	21.2	40	14.8
NC60	5	6	4464	2AD1605	<0.01	--	<LOD	23.8	21	11.8	17.6	15	28.4	<LOD	20.7
NC60	6	7	4465	2AD1605	<0.01	--	<LOD	39.1	21	12.6	14.7	<LOD	36.1	<LOD	22
NC60	7	7.8	4466	2AD1605	0.07	--	<LOD	20.4	28	7.4	18.8	13	66.1	10	42.1
NC60	7.8	8.8	4467	2AD1605	<0.01	--	<LOD	11.4	19	33.5	24.8	<LOD	41.1	30	13
NC60	8.8	8.95	4468	2AD1605	<0.01	--	<LOD	16.1	10	22.1	13.8	45	36.7	26	17.5
NC60	9.95	10.4	4469	2AD1605	0.02	--	<LOD	9.1	12	23.7	28.5	9	27.2	<LOD	28.4
NC60	10.4	11.4	4470	2AD1605	0.03	--	<LOD	11	15	25.7	18.3	<LOD	55.6	<LOD	38.4
NC60	11.4	12.4	4471	2AD1605	<0.01	--	<LOD	15.7	12	13	21	<LOD	78.5	21	44.9
NC60	12.4	13.1	4472	2AD1605	<0.01	--	<LOD	21.1	25	26.3	33	<LOD	23.3	<LOD	30.8
NC60	13.1	14	4473	2AD1605	0.03	--	<LOD	38.6	77	14.4	53.7	<LOD	31.3	21	39
NC60	14	15	4474	2AD1605	<0.01	--	<LOD	29.1	19	28.1	27.2	<LOD	33.7	23	32.8
NC60	15	15.8	4475	2AD1605	<0.01	--	<LOD	70.3	76	22.1	45.4	<LOD	55.7	24	26
NC60	15.8	16.6	4476	2AD1605	<0.01	--	<LOD	71.6	73	4.1	62.3	<LOD	44.9	50	57
NC60	16.6	17.3	4477	2AD1605	<0.01	--	<LOD	113.1	22	<LOD	33.8	21	37.2	53	70
NC60	17.3	17.8	4478	2AD1605	0.09	--	<LOD	678	1115	9.1	125	17	8.6	40	184
NC60	17.8	18.8	4479	2AD1605	<0.01	--	<LOD	18.3	75	11	60.1	<LOD	15.2	18	207
NC60	18.8	19.8	4480	2AD1605	<0.01	--	<LOD	25.9	18	7.4	52.5	<LOD	62.6	19	41
NC60	19.8	20.9	4481	2AD1605	<0.01	--	<LOD	15.7	<LOD	7.7	63.5	<LOD	23.6	20	13.6
NC60	20.9	22	4482	2AD1605	<0.01	<0.01	<LOD	7.4	<LOD	14.8	68.4	12	6.6	<LOD	98
NC60	22	23	4483	2AD1605	0.06	--	<LOD	7.6	<LOD	10.6	48.4	<LOD	61	20	35
NC60	23	24	4485	2AD1605	<0.01	--	<LOD	5.7	<LOD	13.9	48.9	39	21.2	<LOD	98
NC60	24	25	4486	2AD1605	<0.01	--	<LOD	<LOD	<LOD	9.8	45.3	<LOD	<LOD	<LOD	11.7
NC60	25	26	4487	2AD1605	<0.01	--	<LOD	3.7	<LOD	11.1	56.6	<LOD	<LOD	<LOD	23.9
NC60	26	27	4488	2AD1605	<0.01	--	<LOD	<LOD	<LOD	9.1	46.6	7	11.2	<LOD	44
NC60	27	28	4489	2AD1605	<0.01	--	<LOD	<LOD	<LOD	9.1	32.3	<LOD	75.7	<LOD	35
NC60	28	29	4490	2AD1605	<0.01	--	<LOD	7.5	<LOD	10.3	52.9	<LOD	16.7	<LOD	46
NC60	29	30	4491	2AD1605	<0.01	--	<LOD	4	<LOD	13.5	55	<LOD	<LOD	<LOD	57
NC60	30	30.6	4492	2AD1605	<0.01	--	<LOD	<LOD	<LOD	58.3	72.2	<LOD	<LOD	<LOD	48
NC60	30.6	31	4493	2AD1605	2.15	--	6.2	<LOD	695	27	297	<LOD	<LOD	38	489
NC60	31	32	4494	2AD1605	0.1	--	<LOD	<LOD	51	48.7	244	<LOD	5.4	<LOD	187
NC60	32	33	4495	2AD1605	<0.01	--	<LOD	4.1	37	14.7	112	<LOD	<LOD	<LOD	142
NC60	33	34	4496	2AD1605	<0.01	--	<LOD	3.9	11	11.9	90.7	<LOD	<LOD	<LOD	86
NC60	34	35	4497	2AD1605	<0.01	--	<LOD	6.7	144	13.4	47.3	<LOD	49.4	<LOD	53
NC60	35	35.8	4498	2AD1605	<0.01	--	<LOD	6	<LOD	12.5	41.5	<LOD	<LOD	<LOD	34

Frontier Resources Ltd					Down hole assay data										
Hole_ID	From	To	Spl_Id	Lab Batch	Au_ppm	Au_R	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	W_ppm	Mo_ppm	Bi_ppm	Sn_ppm
NC60	35.8	36.15	4499	2AD1605	<0.01	<0.01	<LOD	11.3	<LOD	9.9	75.3	19	3.3	<LOD	251
NC60	36.15	36.6	4500	2AD1605	<0.01	--	<LOD	5	<LOD	<LOD	40.7	8	<LOD	<LOD	93
NC60	36.6	37.6	4951	2AD1605	<0.01	--	<LOD	3.7	<LOD	<LOD	26.3	10	<LOD	<LOD	47
NC60	37.6	38.6	4952	2AD1605	<0.01	--	<LOD	7.2	<LOD	5.2	51.2	<LOD	<LOD	<LOD	29.4
NC60	38.6	39.6	4953	2AD1605	<0.01	--	<LOD	6.5	<LOD	26.5	59	<LOD	3.8	<LOD	30
NC60	39.6	40.6	4954	2AD1605	0.03	--	<LOD	3.4	54	<LOD	88.3	<LOD	<LOD	<LOD	100
NC60	40.6	41.6	4955	2AD1605	0.02	--	<LOD	5.4	15	<LOD	53.6	<LOD	7.8	<LOD	132
NC60	41.6	42.6	4956	2AD1605	0.07	--	<LOD	6.1	56	<LOD	70.7	<LOD	<LOD	<LOD	92
NC60	42.6	43.6	4957	2AD1605	0.09	--	<LOD	6.3	93	<LOD	119	<LOD	10.4	<LOD	64
NC60	43.6	44.6	4958	2AD1605	0.52	--	<LOD	6	65	8.4	60.5	<LOD	105	<LOD	91

Drill Log — Frontier Resources Ltd

PROJECT:	Gowrie Park	**HOLE NO:**	NC 61	**DRILL TYPE:**	Little rig
PROSPECT:	Three Sisters	**DATE COMMENCED:**		**DRILLER:**	P.Schiek, A.Eastaugh
TENENMENT:	RL3/2005	**DATE COMPLETED:**	2012	**LOGGED BY:**	Chris Thaus
EASTING	426,035.00	**TOTAL DEPTH (m):**	40.4	**LOGGING DATE:**	2012
NORTHING	5,406,649.00	**AZIMUTH (TN):**	213	**OXIDATION** BOCO:	
COLLAR RL:		**DIP:**	55	BOPO:	

Drilling details

Core Size	From	To
TT56	0.00	40.40

Comments

Hole designed to:- Test coincident soil geochem, EM anomaly and mag high at the Big Sister (1 of 3).

Significant Analysis Intervals:

Hole_ID	From	To	Interval
	14.7	15	9.2% Mo over interval.

Summary Log

From	To	Graphic	Summary Description (Lith, Altn, Mineralisation)
0.00	1.90		Soil
1.90	6.30		Weathered biotite hornfels
6.30	13.60		Biotite hornfels
13.60	14.00		Sandstone
14.00	14.65		Semi massive sulphides
14.65	15.00		Qtz vein with coarse moly
15.00	26.00		Biotite hornfels
26.00	27.10		Sandstone
27.10	30.60		Biotite hornfels
30.60	31.60		Qtzite
31.60	33.30		Biotite hornfels
33.3	35		Qtzite
35	38.5		Biotite hornfels, calc silicates
38.5	39.4		Qtzite
39.4	39.9		Biotite hornfels
39.9	40.2		Calc silicates
40.2	40.4		Qtzite

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Hole_ID	Depth	Azimuth(TN)	Dip	Azimuth(Mag)	Type	Date
NC61	40.4	213	-55	199	Measured at collar	

Survey type	
1	Single shot down hole camera
2	Measured at collar
3	Inferred survey for display
4	Other - see comments

Frontier Resources Ltd				Drill Core Recovery & RQD Log			
Hole_ID	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
NC61	0	1.5	1.5	1.3	86.67	0	0.00
NC61	1.5	3	1.5	1.3	86.67	0	0.00
NC61	3	4.5	1.5	0.6	40.00	0	0.00
NC61	4.5	6	1.5	1.5	100.00	0	0.00
NC61	6	7.5	1.5	1.5	100.00	40	26.67
NC61	7.5	9	1.5	1.5	100.00	50	33.33
NC61	9	10.5	1.5	1.4	93.33	50	33.33
NC61	10.5	12	1.5	1.5	100.00	30	20.00
NC61	12	13.5	1.5	1.5	100.00	140	93.33
NC61	13.5	15	1.5	1.5	100.00	55	36.67
NC61	15	16.5	1.5	1.5	100.00	45	30.00
NC61	16.5	18	1.5	1.5	100.00	90	60.00
NC61	18	19.5	1.5	1.5	100.00	80	53.33
NC61	19.5	21	1.5	1.5	100.00	70	46.67
NC61	21	22.5	1.5	1.5	100.00	55	36.67
NC61	22.5	24	1.5	1.5	100.00	65	43.33
NC61	24	25.5	1.5	1.5	100.00	75	50.00
NC61	25.5	27	1.5	1.5	100.00	60	40.00
NC61	27	28.5	1.5	1.5	100.00	30	20.00
NC61	28.5	30	1.5	1.5	100.00	110	73.33
NC61	30	31.5	1.5	1.5	100.00	90	60.00
NC61	31.5	33	1.5	1.5	100.00	70	46.67
NC61	33	34.5	1.5	1.5	100.00	110	73.33
NC61	34.5	36	1.5	1.5	100.00	65	43.33
NC61	36	37.5	1.5	1.5	100.00	90	60.00
NC61	37.5	39	1.5	1.5	100.00	100	66.67
NC61	39	40.4	1.4	1.4	100.00	80	57.14

Frontier Resources - Sample Recovery and Assay Notes						
Hole_ID	Sample ID	From (m)	To (m)	Interval (m)	Sampled Interval	% Sampled
NC61	5407	0	1.5	1.5	1.5	50.00
NC61	5408	1.5	3.75	2.25	2.25	50.00
NC61	5409	3.75	5	1.25	1.25	50.00
NC61	5410	5	6	1	1	50.00
NC61	5411	6	6.4	0.4	0.4	50.00
NC61	5412	6.4	7.4	1	1	50.00
NC61	5413	7.4	7.9	0.5	0.5	50.00
NC61	5414	7.9	8.9	1	1	50.00
NC61	5415	8.9	9.9	1	1	50.00
NC61	5416	9.9	11.9	2	2	50.00
NC61	5417	11.9	12.9	1	1	50.00
NC61	5418	12.9	13.9	1	1	50.00
NC61	5419	13.9	14.7	0.8	0.8	50.00
NC61	5420	14.7	15	0.3	0.3	50.00
NC61	5421	15	16	1	1	50.00
NC61	5422	16	17	1	1	50.00
NC61	5423	17	18	1	1	50.00
NC61	5424	18	19	1	1	50.00
NC61	5425	19	20	1	1	50.00
NC61	5426	20	21	1	1	50.00
NC61	5427	21	22	1	1	50.00
NC61	5428	22	23	1	1	50.00
NC61	5429	23	24	1	1	50.00
NC61	5430	24	25	1	1	50.00
NC61	5431	25	26	1	1	50.00
NC61	5433	26	27.1	1.1	1.1	50.00
NC61	5434	27.1	28.1	1	1	50.00
NC61	5435	28.1	29.1	1	1	50.00
NC61	5436	29.1	30.1	1	1	50.00
NC61	5437	30.1	30.6	0.5	0.5	50.00
NC61	5438	30.6	31.6	1	1	50.00
NC61	5439	31.6	32.6	1	1	50.00
NC61	5440	32.6	33.3	0.7	0.7	50.00
NC61	5441	33.3	34.3	1	1	50.00
NC61	5442	34.3	35	0.7	0.7	50.00
NC61	5443	35	36	1	1	50.00
NC61	5444	36	37	1	1	50.00
NC61	5445	37	38	1	1	50.00
NC61	5446	38	38.5	0.5	0.5	50.00
NC61	5447	38.5	39.4	0.9	0.9	50.00
NC61	5448	39.4	39.9	0.5	0.5	50.00

Frontier Resources - Sample Recovery and Assay Notes						
Hole_ID	Sample ID	From (m)	To (m)	Interval (m)	Sampled Interval	% Sampled
NC61	5449	39.9	40.2	0.3	0.3	50.00
NC61	5450	40.2	40.4	0.2	0.2	50.00

Frontier Resources Ltd							Down hole assay data								
Hole_ID	From	To	Spl_Id	Lab Batch	Au_ppm	Au_R	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	W_ppm	Mo_ppm	Bi_ppm	Sn_ppm
							Unadjusted raw XRF data.								
NC61	0	1.5	5407	2AD1605	<0.01	--	<LOD	8.4	11	23.9	30.6	122	36.4	10	56
NC61	1.5	3.75	5408	2AD1605	<0.01	<0.01	<LOD	9	<LOD	22.5	99.6	15	44.2	<LOD	40
NC61	3.75	5	5409	2AD1605	<0.01	--	<LOD	9.2	<LOD	24.2	157	<LOD	77.1	<LOD	12.1
NC61	5	6	5410	2AD1605	<0.01	--	<LOD	9.7	29	28.3	166	<LOD	130	<LOD	22.3
NC61	6	6.4	5411	2AD1605	<0.01	--	<LOD	9.1	36	26.3	92.4	<LOD	112	<LOD	57
NC61	6.4	7.4	5412	2AD1605	<0.01	--	<LOD	<LOD	<LOD	12.2	59.2	<LOD	62.2	<LOD	20
NC61	7.4	7.9	5413	2AD1605	<0.01	--	<LOD	3.2	<LOD	18.7	85	<LOD	6.6	<LOD	16.8
NC61	7.9	8.9	5414	2AD1605	<0.01	--	<LOD	3.3	<LOD	14.5	85.2	<LOD	8	<LOD	111
NC61	8.9	9.9	5415	2AD1605	<0.01	--	<LOD	<LOD	7	19	86.2	<LOD	9.6	<LOD	68
NC61	9.9	11.9	5416	2AD1605	<0.01	--	<LOD	4.9	<LOD	12.6	45.9	<LOD	5.3	<LOD	31.9
NC61	11.9	12.9	5417	2AD1605	<0.01	--	<LOD	3.3	10	4.9	118	31	10.1	<LOD	81
NC61	12.9	13.9	5418	2AD1605	<0.01	--	<LOD	<LOD	<LOD	48	100.4	<LOD	35.4	<LOD	43
NC61	13.9	14.7	5419	2AD1605	0.02	--	<LOD	7.3	429	26.4	212	17	13.4	<LOD	87
NC61	14.7	15	5420	2AD1605	0.01	--	<LOD	<LOD	104	71	308	<LOD	92245	632	51
NC61	15	16	5421	2AD1605	<0.01	--	2.3	<LOD	25	153	232	<LOD	35.3	<LOD	80
NC61	16	17	5422	2AD1605	<0.01	--	<LOD	<LOD	74	32.6	87.3	<LOD	9.7	<LOD	144
NC61	17	18	5423	2AD1605	<0.01	--	<LOD	5.2	34	<LOD	168	<LOD	86	30	204
NC61	18	19	5424	2AD1605	<0.01	--	<LOD	<LOD	<LOD	35.7	103.7	<LOD	7.9	<LOD	40
NC61	19	20	5425	2AD1605	<0.01	--	2	<LOD	<LOD	32.6	59.1	<LOD	5.1	<LOD	36
NC61	20	21	5426	2AD1605	<0.01	--	<LOD	<LOD	21	14.5	70.5	<LOD	9	11	104
NC61	21	22	5427	2AD1605	<0.01	--	<LOD	<LOD	27	24.4	92.4	<LOD	4.9	<LOD	81
NC61	22	23	5428	2AD1605	<0.01	--	<LOD	<LOD	<LOD	45.3	68.3	<LOD	3.6	<LOD	42
NC61	23	24	5429	2AD1605	<0.01	--	<LOD	<LOD	<LOD	58.5	122.3	<LOD	6.1	11	27.6
NC61	24	25	5430	2AD1605	<0.01	--	<LOD	<LOD	22	118	130	<LOD	135	20	24
NC61	25	26	5431	2AD1605	<0.01	--	<LOD	<LOD	32	5.3	182	<LOD	5.6	16	63
NC61	26	27.1	5433	2AD1605	<0.01	--	<LOD	<LOD	27	36.9	68.1	<LOD	7.1	20	35
NC61	27.1	28.1	5434	2AD1605	0.18	--	<LOD	15.6	94	4.1	122	<LOD	9.5	47	86
NC61	28.1	29.1	5435	2AD1605	<0.01	--	<LOD	5.1	112	<LOD	203	<LOD	6.1	14	380
NC61	29.1	30.1	5436	2AD1605	0.12	--	<LOD	<LOD	69	27	194	<LOD	5.5	16	326
NC61	30.1	30.6	5437	2AD1605	0.05	--	<LOD	12.2	98	26.3	134	<LOD	6	12	155
NC61	30.6	31.6	5438	2AD1605	<0.01	--	<LOD	3	15	3.5	55.6	<LOD	35.1	<LOD	46
NC61	31.6	32.6	5439	2AD1605	0.09	--	<LOD	4	54	3.3	128	<LOD	5.9	<LOD	67
NC61	32.6	33.3	5440	2AD1605	<0.01	--	<LOD	9.6	23	6	123.6	<LOD	8.5	11	38
NC61	33.3	34.3	5441	2AD1605	<0.01	--	<LOD	3.4	15	4.4	80.2	<LOD	<LOD	<LOD	79
NC61	34.3	35	5442	2AD1605	<0.01	--	<LOD	7.6	29	5.7	240	119	5.7	11	62
NC61	35	36	5443	2AD1605	<0.01	--	<LOD	7.7	23	7.3	577	<LOD	5.2	10	139
NC61	36	37	5444	2AD1605	<0.01	--	<LOD	<LOD	<LOD	9.2	101.1	<LOD	<LOD	<LOD	53
NC61	37	38	5445	2AD1605	<0.01	--	<LOD	3.6	22	8.2	63.5	<LOD	4.4	<LOD	83
NC61	38	38.5	5446	2AD1605	0.02	--	<LOD	4.2	11	5.3	47.6	<LOD	5	<LOD	37

Frontier Resources Ltd							Down hole assay data								
Hole_ID	From	To	Spl_Id	Lab Batch	Au_ppm	Au_R	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	W_ppm	Mo_ppm	Bi_ppm	Sn_ppm
							Unadjusted raw XRF data.								
NC61	38.5	39.4	5447	2AD1605	<0.01	--	<LOD	7.6	15	15.7	121	28	3.9	<LOD	197
NC61	39.4	39.9	5448	2AD1605	<0.01	--	<LOD	7.9	80	8.5	113	14	7.7	19	275
NC61	39.9	40.2	5449	2AD1605	<0.01	<0.01	<LOD	4.7	<LOD	12.1	208	<LOD	6.2	<LOD	176
NC61	40.2	40.4	5450	2AD1605	<0.01	--	<LOD	3.8	<LOD	23.2	42	<LOD	31.9	<LOD	38

Drill Log

Frontier Resources Ltd

PROJECT:	Gowrie Park	**HOLE NO:**	NC 62	**DRILL TYPE:**	Little rig
PROSPECT:	Three Sisters	**DATE COMMENCED:**		**DRILLER:**	P.Schiek, A.Eastaugh, T.Hinds
TENENMENT:	RL3/2005	**DATE COMPLETED:**	2012	**LOGGED BY:**	Chris Thaus
EASTING	426,064.00	**TOTAL DEPTH (m):**	60.7	**LOGGING DATE:**	2012
NORTHING	5,406,550.00	**AZIMUTH (TN):**	213	**OXIDATION** BOCO:	
COLLAR RL:		**DIP:**	50	BOPO:	

Drilling details		
Core Size	From	To
TT56	0.00	60.70

Comments
Hole designed to:- Test modelled mag at the big sister prospect.

Significant Analysis Intervals:			
Hole_ID	From	To	Interval
			No signifigant intersection.

Summary Log			
From	To	Graphic	Summary Description (Lith, Altn, Mineralisation)
0.00	5.45		Qtz, feld porphyry
5.45	6.00		Contact perp TCA, porphyry and sandstone
6.00	6.40		Sandstone
6.40	7.00		Contact perp TCA, sandstone and porphyry
7.00	7.60		Sandstone
7.60	10.75		Porphyry
10.75	17.80		Sandstone
17.80	21.00		Calc silicates
21.00	26.85		Qtz porphyry
26.85	37.00		Variably biotised sandstone
37.00			Fault?
37	43.65		Variably biotised sandstone
43.65	44.5		Kspar, biotite
44.5	60.7		Granite

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Hole_ID	Depth	Azimuth(TN)	Dip	Azimuth(Mag)	Type	Date
NC62	0	213	-50	199	Measured at collar	

Survey type	
1	Single shot down hole camera
2	Measured at collar
3	Inferred survey for display
4	Other - see comments

Frontier Resources Ltd				Drill Core Recovery & RQD Log			
Hole_ID	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
NC62	0	0.8	0.8	0.8	100.00	0	0.00
NC62	0.8	1.3	0.5	0.5	100.00	15	30.00
NC62	1.3	2.3	1	1	100.00	40	40.00
NC62	2.3	3	0.7	0.7	100.00	20	28.57
NC62	3	1.15	-1.85	1.15	-62.16	0	0.00
NC62	1.15	5.45	4.3	1.1	25.58	0	0.00
NC62	5.45	7	1.55	1.55	100.00	50	32.26
NC62	7	8.5	1.5	1.5	100.00	80	53.33
NC62	8.5	9.7	1.2	1.2	100.00	100	83.33
NC62	9.7	10.35	0.65	0.65	100.00	0	0.00
NC62	10.35	11.7	1.35	1.35	100.00	80	59.26
NC62	11.7	13.2	1.5	1.5	100.00	90	60.00
NC62	13.2	13.35	0.15	0.15	100.00	15	100.00
NC62	13.35	14.55	1.2	1.2	100.00	25	20.83
NC62	14.55	16.05	1.5	1.4	93.33	25	16.67
NC62	16.05	17.6	1.55	1.5	96.77	80	51.61
NC62	17.6	17.75	0.15	0.1	66.67	10	66.67
NC62	17.75	18.7	0.95	0.95	100.00	45	47.37
NC62	18.7	18.9	0.2	0.2	100.00	20	100.00
NC62	18.9	20.15	1.25	1.25	100.00	85	68.00
NC62	20.15	21.6	1.45	1.45	100.00	145	100.00
NC62	21.6	22.95	1.35	1.45	107.41	90	66.67
NC62	22.95	24.45	1.5	1.5	100.00	100	66.67
NC62	24.45	26	1.55	1.55	100.00	85	54.84
NC62	26	26.3	0.3	0.3	100.00	10	33.33
NC62	26.3	27.55	1.25	1.25	100.00	90	72.00
NC62	27.55	27.9	0.35	0.35	100.00	10	28.57
NC62	27.9	29.4	1.5	1.5	100.00	100	66.67
NC62	29.4	30.9	1.5	1.5	100.00	140	93.33
NC62	30.9	32.4	1.5	1.5	100.00	80	53.33
NC62	32.4	33.9	1.5	1.5	100.00	110	73.33
NC62	33.9	35.4	1.5	1.5	100.00	100	66.67
NC62	35.4	36.25	0.85	1.85	217.65	60	70.59
NC62	36.25	36.65	0.4	0.4	100.00	0	0.00
NC62	36.65	38.15	1.5	1.3	86.67	80	53.33
NC62	38.15	39.4	1.25	1.4	112.00	130	104.00
NC62	39.4	40.9	1.5	1.5	100.00	90	60.00
NC62	40.9	42.4	1.5	1.5	100.00	110	73.33
NC62	42.4	43.4	1	1	100.00	75	75.00
NC62	43.4	44.9	1.5	1.5	100.00	70	46.67
NC62	44.9	46.1	1.2	1.2	100.00	90	75.00
NC62	46.1	47.45	1.35	1.35	100.00	130	96.30
NC62	47.45	48.85	1.4	1.4	100.00	125	89.29
NC62	48.85	50.3	1.45	1.4	96.55	130	89.66
NC62	50.3	51.8	1.5	1.4	93.33	145	96.67
NC62	51.8	53.3	1.5	1.5	100.00	130	86.67
NC62	53.3	54.8	1.5	1.5	100.00	145	96.67
NC62	54.8	56.3	1.5	1.5	100.00	140	93.33
NC62	56.3	57.8	1.5	1.5	100.00	124	82.67
NC62	57.8	59.2	1.4	1.4	100.00	140	100.00
NC62	59.2	60.7	1.5	1.4	93.33	140	93.33

Frontier Resources - Sample Recovery and Assay Notes						
Hole_ID	Sample ID	From (m)	To (m)	Interval (m)	Sampled Interval	% Sampled
NC62	119253	0	1.1	1.1	1.1	50
NC62	119254	1.1	2.2	1.1	1.1	50
NC62	119255	2.2	3	0.8	0.8	50
NC62	119256	3	4	1	1	50
NC62	119257	4	5.45	1.45	1.45	50
NC62	119258	5.45	6.1	0.65	0.65	50
NC62	119259	6.1	6.35	0.25	0.25	50
NC62	119260	6.35	7.15	0.8	0.8	50
NC62	119261	7.15	7.7	0.55	0.55	50
NC62	119262	7.7	8.8	1.1	1.1	50
NC62	119263	8.8	9.7	0.9	0.9	50
NC62	119264	9.7	10.35	0.65	0.65	50
NC62	119266	10.35	10.9	0.55	0.55	50
NC62	119267	10.9	12	1.1	1.1	50
NC62	119268	12	13	1	1	50
NC62	119269	13	13.7	0.7	0.7	50
NC62	119270	13.7	14.7	1	1	50
NC62	119271	14.7	15.4	0.7	0.7	50
NC62	119272	15.4	17.05	1.65	1.65	50
NC62	119273	17.05	17.9	0.85	0.85	50
NC62	119274	17.9	19	1.1	1.1	50
NC62	119275	19	20	1	1	50
NC62	119276	20	20.9	0.9	0.9	50
NC62	119277	20.9	22	1.1	1.1	50
NC62	119278	22	23	1	1	50
NC62	119279	23	24	1	1	50
NC62	119280	24	25	1	1	50
NC62	119281	25	26	1	1	50
NC62	119282	26	26.9	0.9	0.9	50
NC62	119283	26.9	27.55	0.65	0.65	50
NC62	119284	27.55	28.5	0.95	0.95	50
NC62	119285	28.5	29.7	1.2	1.2	50
NC62	119286	29.7	30.9	1.2	1.2	50
NC62	119318	30.9	31.9	1	1	50
NC62	119319	31.9	32.75	0.85	0.85	50
NC62	119320	32.75	33.3	0.55	0.55	50
NC62	119321	33.3	34.3	1	1	50
NC62	119322	34.3	35.3	1	1	50
NC62	119323	35.3	36.3	1	1	50
NC62	119324	36.3	37.3	1	1	50
NC62	119325	37.3	38.3	1	1	50

Frontier Resources - Sample Recovery and Assay Notes						
Hole_ID	Sample ID	From (m)	To (m)	Interval (m)	Sampled Interval	% Sampled
NC62	119326	38.3	39.3	1	1	50
NC62	119327	39.3	40.3	1	1	50
NC62	119328	40.3	41.3	1	1	50
NC62	119329	41.3	41.95	0.65	0.65	50
NC62	119330	41.95	42.1	0.15	0.15	50
NC62	119331	42.1	43.1	1	1	50
NC62	119332	43.1	43.65	0.55	0.55	50
NC62	119333	43.65	44.4	0.75	0.75	50
NC62	119334	44.4	45.4	1	1	50
NC62	119335	45.4	45.95	0.55	0.55	50
NC62	119336	45.95	46.3	0.35	0.35	50
NC62	119337	46.3	47.3	1	1	50
NC62	119338	47.3	48.3	1	1	50
NC62	119339	48.3	49.3	1	1	50
NC62	119340	49.3	50.3	1	1	50
NC62	119341	50.3	50.95	0.65	0.65	50
NC62	119342	50.95	51.5	0.55	0.55	50
NC62	119343	51.5	52.35	0.85	0.85	50
NC62	119344	52.35	52.8	0.45	0.45	50
NC62	119345	52.8	53.3	0.5	0.5	50
NC62	119346	53.3	54.3	1	1	50
NC62	119347	54.3	54.55	0.25	0.25	50
NC62	119348	54.55	54.8	0.25	0.25	50
NC62	119349	54.8	55.8	1	1	50
NC62	119350	55.8	56.8	1	1	50
NC62	119351	56.8	57.8	1	1	50
NC62	119352	57.8	58.15	0.35	0.35	50
NC62	119353	58.15	58.55	0.4	0.4	50
NC62	119354	58.55	59.7	1.15	1.15	50
NC62	119355	59.7	60.7	1	1	50

Frontier Resources Ltd							Down hole assay data								
Hole_ID	From	To	Spl_Id	Lab Batc	Au_ppm	Au_R	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	W_ppm	Mo_ppm	Bi_ppm	Sn_ppm
							Unadjusted raw XRF data								
NC62	0	1.1	119253	2AD1855	<0.01	--	<LOD	43	8	8.1	13.7	192	70.9	66	85
NC62	1.1	2.2	119254	2AD1855	<0.01	--	<LOD	12.5	14	12.4	13.4	<LOD	12.7	65	58
NC62	2.2	3	119255	2AD1855	<0.01	--	<LOD	4.8	<LOD	4.2	18.5	<LOD	32.9	51	141
NC62	3	4	119256	2AD1855	<0.01	--	<LOD	7.1	13	15.3	13.9	<LOD	19.8	33	44.2
NC62	4	5.45	119257	2AD1855	0.01	--	<LOD	12.7	23	16	22.5	<LOD	25.7	26	72
NC62	5.45	6.1	119258	2AD1855	0.01	--	<LOD	7	24	15.4	18.4	<LOD	34.1	11	44.8
NC62	6.1	6.35	119259	2AD1855	<0.01	0.01	<LOD	5.6	11	17.3	22.8	<LOD	22.5	12	19.9
NC62	6.35	7.15	119260	2AD1855	<0.01	--	<LOD	<LOD	6.5	22.7	14.2	<LOD	13.9	17	28.6
NC62	7.15	7.7	119261	2AD1855	<0.01	--	<LOD	3.7	8	17.4	33.5	<LOD	24.2	12	40.9
NC62	7.7	8.8	119262	2AD1855	<0.01	--	<LOD	<LOD	<LOD	37.4	16.5	<LOD	13.5	14	24.9
NC62	8.8	9.7	119263	2AD1855	<0.01	--	<LOD	125.9	11	7.8	25.4	<LOD	25.7	76	137
NC62	9.7	10.35	119264	2AD1855	<0.01	--	<LOD	5.2	10	24.4	41.5	<LOD	49.8	26	30
NC62	10.35	10.9	119266	2AD1855	0.1	--	<LOD	439	<LOD	28.1	107	<LOD	9.7	193	71
NC62	10.9	12	119267	2AD1855	<0.01	--	<LOD	6.8	<LOD	<LOD	24.1	<LOD	16.9	22	20.8
NC62	12	13	119268	2AD1855	<0.01	--	<LOD	<LOD	<LOD	12	53.7	<LOD	491	26	25.7
NC62	13	13.7	119269	2AD1855	<0.01	--	<LOD	7.1	92	8.5	237	<LOD	10.6	<LOD	56
NC62	13.7	14.7	119270	2AD1855	<0.01	--	<LOD	6.7	100	13.8	104.9	<LOD	30.5	19	114
NC62	14.7	15.4	119271	2AD1855	<0.01	--	<LOD	6.7	12	4.5	233	10	16.9	<LOD	64
NC62	15.4	17.05	119272	2AD1855	0.05	--	<LOD	13.6	<LOD	13.5	40.6	259	10.2	204	77
NC62	17.05	17.9	119273	2AD1855	<0.01	--	<LOD	7.1	9	<LOD	119	21	7.3	9	102
NC62	17.9	19	119274	2AD1855	<0.01	--	<LOD	3.1	<LOD	7.4	62.8	7	4.5	<LOD	58
NC62	19	20	119275	2AD1855	<0.01	--	<LOD	25.6	<LOD	6.2	269	19	5.8	<LOD	151
NC62	20	20.9	119276	2AD1855	<0.01	--	<LOD	9.4	<LOD	5.7	155	<LOD	<LOD	<LOD	126
NC62	20.9	22	119277	2AD1855	0.13	--	<LOD	36.6	33	13.4	230	79	94	251	218
NC62	22	23	119278	2AD1855	0.05	--	<LOD	56.4	<LOD	10.1	83	885	101	186	95
NC62	23	24	119279	2AD1855	<0.01	--	<LOD	52.1	12	6.9	56.3	338	120	49	120
NC62	24	25	119280	2AD1855	0.02	--	<LOD	<LOD	11	11.2	33.1	33	123	33	73
NC62	25	26	119281	2AD1855	<0.01	--	<LOD	16.5	<LOD	<LOD	29.1	103	64.5	56	214
NC62	26	26.9	119282	2AD1855	0.02	--	<LOD	6.3	21	<LOD	25.2	9	34.6	65	123
NC62	26.9	27.55	119283	2AD1855	<0.01	--	<LOD	7.1	18	7.5	120	24	15	<LOD	92
NC62	27.55	28.5	119284	2AD1855	<0.01	--	<LOD	<LOD	<LOD	9.5	27.6	90	90.4	22	23.7
NC62	28.5	29.7	119285	2AD1855	<0.01	--	<LOD	<LOD	<LOD	8.6	27	<LOD	21.1	17	15.5
NC62	29.7	30.9	119286	2AD1855	<0.01	--	<LOD	3.9	<LOD	6	26.2	<LOD	66.7	36	13.6
NC62	30.9	60.7	119287-119355 not yet analysed												

Australian Laboratory Services Pty. Ltd.

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CERTIFICATE BU12003558

Project: Frontier Resources

P.O. No.: 6303

This report is for 62 Drill Core samples submitted to our lab in Burnie, TAS, Australia on 9-JAN-2012.

The following have access to data associated with this certificate:

GRANT MACDONALD		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-21	Crush entire sample > 70%-6 mm
PUL-21	Pulverize entire sample

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: **FRONTIER RESOURCES LTD**
ATTN: GRANT MACDONALD
PO BOX 79
ROKEBY TAS 7019

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Ricky Gelston, Laboratory Manager, Burnie

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Project: Frontier Resources

CERTIFICATE OF ANALYSIS BU12003558

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA25 Au ppm 0.01
6501		2.60	<0.01
6502		1.59	<0.01
6503		3.25	<0.01
6504		1.81	<0.01
6505		3.06	<0.01
6506		1.55	<0.01
6507		4.82	<0.01
6508		1.42	<0.01
6509		2.79	<0.01
6510		2.77	<0.01
6511		1.80	<0.01
6512		3.07	<0.01
6513		4.05	<0.01
6514		3.96	<0.01
6515		1.85	<0.01
6516		2.44	<0.01
6517		3.02	<0.01
6518		4.64	<0.01
6519		1.70	<0.01
6520		2.74	<0.01
6521		1.66	<0.01
9901		2.54	0.02
9902		4.13	0.06
9903		2.23	0.02
9904		2.03	0.09
9905		1.83	0.16
9906		2.33	0.70
9907		0.09	0.02
9908		2.98	0.15
9909		2.85	0.09
9910		1.52	<0.01
9911		2.45	<0.01
9912		3.17	<0.01
9913		2.12	0.02
9914		3.64	0.10
9915		2.59	<0.01
9916		1.15	<0.01
9917		1.72	0.01
9918		1.90	0.02
9919		1.99	0.12

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Project: Frontier Resources

CERTIFICATE OF ANALYSIS BU12003558

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA25 Au ppm 0.01
9920		2.52	0.77
9921		2.40	0.04
9922		2.34	0.10
9923		2.09	0.14
9924		0.97	0.01
9925		1.54	0.14
9926		2.31	0.39
9927		0.09	1.51
9928		1.40	<0.01
9929		1.79	<0.01
9930		1.08	<0.01
9931		1.39	0.02
9932		2.06	0.13
9933		1.72	<0.01
9934		0.82	0.06
9935		0.78	<0.01
9936		0.93	<0.01
9937		0.53	<0.01
9938		0.14	<0.01
9939		0.22	<0.01
9940		0.92	<0.01
9941		1.77	<0.01

Australian Laboratory Services Pty. Ltd.

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Finalized Date: 28- MAR- 2012
Account: TASGOL

CERTIFICATE BU12030391

Project: Fronteir Res.

P.O. No.: 4401

This report is for 201 Drill Core samples submitted to our lab in Burnie, TAS, Australia on 15- FEB- 2012.

The following have access to data associated with this certificate:

GRANT MACDONALD

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
CRU- 21	Crush entire sample > 70%- 6 mm
PUL- 21	Pulverize entire sample

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA25	Ore Grade Au 30g FA AA finish	AAS

To: **FRONTIER RESOURCES LTD**
ATTN: GRANT MACDONALD
PO BOX 79
ROKEBY TAS 7019

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Ricky Gelston, Laboratory Manager, Burnie

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Project: Fronteir Res.

CERTIFICATE OF ANALYSIS BU12030391

Sample Description	Method	WEI-21	Au-AA25
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.01
4401		0.74	0.17
4402		1.56	0.11
4403		1.68	0.02
4404		0.96	<0.01
4405		1.77	<0.01
4406		1.59	0.01
4407		1.61	3.17
4408		1.61	0.04
4409		1.45	<0.01
4410		1.89	0.01
4411		1.78	<0.01
4412		2.08	<0.01
4413		0.92	<0.01
4414		2.50	<0.01
4415		1.28	<0.01
4416		2.17	<0.01
4417		1.76	0.01
4418		1.73	0.05
4419		2.21	8.46
4420		1.96	7.54
4421		2.38	3.22
4422		2.79	0.19
4423		2.26	0.08
4424		1.15	0.03
4425		1.80	0.17
4426		0.09	6.47
4427		2.17	0.21
4428		2.51	0.05
4429		2.52	0.10
4430		1.45	<0.01
4431		2.98	0.01
4432		2.42	<0.01
4433		1.98	<0.01
4434		2.23	0.01
4435		1.21	0.04
4436		2.46	<0.01
4437		2.12	<0.01
4438		1.79	<0.01
4439		1.83	<0.01
4440		0.79	<0.01

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Project: Fronteir Res.

CERTIFICATE OF ANALYSIS BU12030391

Sample Description	Method	WEI-21	Au-AA25
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.01
4441		2.62	<0.01
4442		2.29	<0.01
4443		2.44	<0.01
4444		2.48	<0.01
4445		1.89	<0.01
4446		2.14	0.01
4447		2.28	0.01
4448		2.04	0.05
4449		2.67	<0.01
4450		2.30	0.03
4451		0.10	1.57
4452		2.20	0.04
4453		2.56	<0.01
4454		2.60	<0.01
4455		2.12	0.01
4456		3.16	0.01
6752		3.80	<0.01
6753		3.26	0.03
6754		4.19	0.02
6755		4.22	0.04
6756		2.24	<0.01
6757		2.17	<0.01
6758		0.83	0.01
6759		2.91	0.05
6760		3.25	<0.01
6761		2.99	<0.01
6762		2.92	0.13
6763		3.22	0.25
6764		3.15	0.07
6765		2.15	0.01
6766		1.85	0.01
6767		2.45	0.02
6768		1.17	<0.01
6769		1.32	<0.01
6770		2.75	<0.01
6771		2.34	<0.01
6772		3.01	<0.01
6773		3.02	<0.01
6774		2.78	0.01
6775		3.06	<0.01

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Project: Fronteir Res.

CERTIFICATE OF ANALYSIS BU12030391

Sample Description	Method	WEI-21	Au-AA25
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.01
6776		0.09	5.85
6777		3.29	0.02
6778		3.02	0.03
6779		3.31	0.03
6780		2.68	0.01
6781		2.01	<0.01
6782		1.95	0.03
6783		1.01	0.04
6784		1.03	0.22
6785		2.93	0.62
6786		3.08	0.01
6787		3.50	<0.01
6788		1.09	<0.01
6789		2.80	<0.01
6790		1.03	<0.01
6791		2.61	<0.01
6792		1.87	<0.01
6793		2.89	<0.01
6794		1.62	<0.01
6795		2.70	<0.01
6796		3.14	0.02
6797		2.62	<0.01
6798		1.11	0.01
6799		1.42	0.02
6800		0.96	0.04
6801		0.09	1.49
6802		0.44	0.01
6803		3.20	0.02
6804		2.54	<0.01
6805		2.80	<0.01
6806		2.81	<0.01
6807		2.71	<0.01
6808		3.10	0.02
6809		2.71	<0.01
6810		2.19	0.01
6811		2.58	0.01
6812		2.93	0.02
6813		1.90	0.03
6814		2.33	0.89
6815		2.53	1.40

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Project: Fronteir Res.

CERTIFICATE OF ANALYSIS BU12030391

Sample Description	Method	WEI-21	Au-AA25
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.01
6816		2.28	0.59
6817		1.59	0.45
6818		2.06	0.02
6819		2.21	0.06
6820		2.38	0.29
6821		0.94	0.01
6822		2.24	0.01
6823		2.01	0.04
6824		2.39	0.02
6825		1.94	<0.01
6826		0.09	6.49
6827		0.61	0.02
6828		1.83	0.01
6829		2.19	<0.01
6830		2.17	0.01
6831		2.05	0.01
6832		2.23	<0.01
6833		2.62	<0.01
6834		2.65	<0.01
6835		0.80	0.02
6836		2.69	0.04
6837		1.35	0.02
6838		2.52	<0.01
6839		1.52	<0.01
6840		2.37	<0.01
6841		2.10	<0.01
6842		3.25	0.02
6843		2.39	<0.01
6844		2.58	0.02
6845		1.47	0.05
6846		2.37	0.01
6847		2.25	0.01
6848		2.15	<0.01
6849		1.79	0.02
6850		1.68	0.01
6851		0.09	1.46
6852		1.09	0.01
6853		2.60	<0.01
6854		2.40	0.01
6855		1.82	0.01

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Project: Fronteir Res.

CERTIFICATE OF ANALYSIS BU12030391

Sample Description	Method	WEI-21	Au-AA25
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.01
6856		2.23	<0.01
6717		2.95	1.31
6718		3.16	0.79
6719		5.26	0.41
6720		4.00	1.36
6721		4.05	0.91
6722		2.20	0.36
6723		3.76	0.67
6724		2.67	0.96
6725		3.40	11.40
6726		1.52	0.19
6727		3.63	3.00
6728		3.10	0.61
6751		1.86	0.09
6857		1.30	0.04
6858		0.92	0.01
6859		2.63	0.01
6860		2.03	<0.01
6861		1.89	0.01
6862		2.37	<0.01
6863		1.96	0.01
6864		1.15	0.02
6865		2.04	0.01
6866		2.28	<0.01
6867		2.17	<0.01
6868		1.98	0.01
6869		1.98	<0.01
6870		2.37	<0.01
6871		0.36	<0.01
6872		1.26	<0.01
6873		1.94	<0.01
6874		1.71	0.01
6875		2.21	<0.01
6876		1.88	<0.01
6877		2.09	<0.01
6878		2.08	0.03
9896		2.23	0.37
9897		1.85	<0.01
9898		2.81	0.04
9899		2.30	0.06

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Project: Fronteir Res.

CERTIFICATE OF ANALYSIS BU12030391

Sample Description	Method	WEI-21	Au-AA25
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.01
9900		0.92	0.03

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Mr Grant MacDonald
Frontier Resources Ltd
PO Box 81
SORELL TAS 7172

FINAL ANALYSIS REPORT

Your Order No:	RIVER LEA CORE 10	Our Job Number:	2AD1855
Sample rec'd:	03/04/12	Results reported:	07/05/12
No. of samples:	127	Type of Sample:	DRILL CORE

Results apply to sample(s) submitted by the client.

Report comprises a letter and report pages: 1 to 3

This report supersedes any preliminary results previously reported.

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Approved:

Darryl Hartley
Business Unit Manager
Adelaide Geoanalytical

Robert Silvani
Senior Chemist

Neville Walkom
Senior Chemist

Report Codes:

N.A.	-	Not Available	I.S.	-	Insufficient Sample
L.N.R.	-	Listed But Not Received	R.N.L.	-	Received But Not Listed

*** Please Note ***

1) The results for elements 'Al, Ba, Cr, Ti, W, Zr, Sn' by code IC3E digest are acid soluble only, and results may be semi-quantitative.
'K' values > 1% by code IC3E may bias low due to the insolubility of potassium perchlorate.

2) For scheme IC4, Total 'Fe' is analysed but is calculated and reported as 'Fe2O3'

Job: 2AD1855
O/N: RIVER LEA CORE 10

Final

ANALYTICAL REPORT

SAMPLE	Au	Au Rpt	Au Rpt
UNITS	ppm	ppm	ppm
DET.LIM	0.01	0.01	0.01
SCHEME	FA1	FA1	FA1

Job: 2AD1855
O/N: RIVER LEA CORE 10

Final

ANALYTICAL REPORT

SAMPLE	Au	Au Rpt	Au Rpt
[redacted]			
119253	< 0.01	--	--
119254	< 0.01	--	--
119255	< 0.01	--	--
119256	< 0.01	--	--
119257	0.01	--	--
119258	0.01	--	--
119259	< 0.01	0.01	--
UNITS	ppm	ppm	ppm
DET.LIM	0.01	0.01	0.01
SCHEME	FA1	FA1	FA1

Job: 2AD1855
O/N: RIVER LEA CORE 10

Final

ANALYTICAL REPORT

SAMPLE	Au	Au Rpt	Au Rpt
119260	< 0.01	--	--
119261	< 0.01	--	--
119262	< 0.01	--	--
119263	< 0.01	--	--
119264	< 0.01	--	--
119265	5.65	--	--
119266	0.10	--	--
119267	< 0.01	--	--
119268	< 0.01	--	--
119269	< 0.01	--	--
119270	< 0.01	--	--
119271	< 0.01	--	--
119272	0.05	--	--
119273	< 0.01	--	--
119274	< 0.01	--	--
119275	< 0.01	--	--
119276	< 0.01	--	--
119277	0.13	--	--
119278	0.05	--	--
119279	< 0.01	--	--
119280	0.02	--	--
119281	< 0.01	--	--
119282	0.02	--	--
119283	< 0.01	--	--
119284	< 0.01	--	--
119285	< 0.01	--	--
119286	< 0.01	--	--
UNITS	ppm	ppm	ppm
DET.LIM	0.01	0.01	0.01
SCHEME	FA1	FA1	FA1

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Mr Grant MacDonald
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PO Box 81
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FINAL ANALYSIS REPORT

Your Order No:	RIVER LEA CORE 9	Our Job Number:	2AD1605
Sample rec'd:	23/03/12	Results reported:	18/04/12
No. of samples:	207	Type of Sample:	DRILL CORE

Results apply to sample(s) submitted by the client.

Report comprises a letter and report pages: 1 to 5

This report supersedes any preliminary results previously reported.

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Approved:

Darryl Hartley
Business Unit Manager
Adelaide Geoanalytical

Robert Silvani
Senior Chemist

Neville Walkom
Senior Chemist

Report Codes:

N.A.	-	Not Available	I.S.	-	Insufficient Sample
L.N.R.	-	Listed But Not Received	R.N.L.	-	Received But Not Listed

*** **Please Note** ***

1) The results for elements 'Al, Ba, Cr, Ti, W, Zr, Sn' by code IC3E digest are acid soluble only, and results may be semi-quantative.
'K' values > 1% by code IC3E may bias low due to the insolubility of potassium perchlorate.

2) For scheme IC4, Total 'Fe' is analysed but is calculated and reported as 'Fe2O3'

Job: 2AD1605
O/N: RIVER LEA CORE 9

Final

ANALYTICAL REPORT

SAMPLE	Au	Au Rpt
4458	0.66	--
4459	1.60	1.50
4460	0.15	--
4461	1.25	--
4462	0.11	--
4463	0.03	--
4464	< 0.01	--
4465	< 0.01	--
4466	0.07	--
4467	< 0.01	--
4468	< 0.01	--
4469	0.02	--
4470	0.03	--
4471	< 0.01	--
4472	< 0.01	--
4473	0.03	--
4474	< 0.01	--
4475	< 0.01	--
4476	< 0.01	--
4477	< 0.01	--
4478	0.09	--
4479	< 0.01	--
4480	< 0.01	--
4481	< 0.01	--
4482	< 0.01	< 0.01
4483	0.06	--
4484	5.90	6.25
4485	< 0.01	--
4486	< 0.01	--
4487	< 0.01	--
4488	< 0.01	--
4489	< 0.01	--
4490	< 0.01	--
4491	< 0.01	--
4492	< 0.01	--
4493	2.15	--
4494	0.10	--
4495	< 0.01	--
4496	< 0.01	--
4497	< 0.01	--
4498	< 0.01	--
4499	< 0.01	< 0.01
4500	< 0.01	--
4951	< 0.01	--
4952	< 0.01	--
4953	< 0.01	--
4954	0.03	--
4955	0.02	--
4956	0.07	--
UNITS	ppm	ppm
DET.LIM	0.01	0.01
SCHEME	FA1	FA1

Job: 2AD1605
O/N: RIVER LEA CORE 9

Final

ANALYTICAL REPORT

SAMPLE	Au	Au Rpt
4957	0.09	--
4958	0.52	--
4959	1.75	1.65
UNITS	ppm	ppm
DET.LIM	0.01	0.01
SCHEME	FA1	FA1

Job: 2AD1605
O/N: RIVER LEA CORE 9

Final

ANALYTICAL REPORT

SAMPLE	Au	Au Rpt
5407	<0.01	--
5408	<0.01	<0.01
5409	<0.01	--
5410	<0.01	--
5411	<0.01	--
5412	<0.01	--
5413	<0.01	--
5414	<0.01	--
5415	<0.01	--
5416	<0.01	--
5417	<0.01	--
5418	<0.01	--
5419	0.02	--
5420	0.01	--
5421	<0.01	--
5422	<0.01	--
5423	<0.01	--
5424	<0.01	--
5425	<0.01	--
5426	<0.01	--
5427	<0.01	--
5428	<0.01	--
5429	<0.01	--
5430	<0.01	--
5431	<0.01	--
5432	1.50	--
5433	<0.01	--
5434	0.18	--
5435	<0.01	--
5436	0.12	--
5437	0.05	--
5438	<0.01	--
5439	0.09	--
5440	<0.01	--
5441	<0.01	--
5442	<0.01	--
5443	<0.01	--
5444	<0.01	--
5445	<0.01	--
5446	0.02	--
5447	<0.01	--
5448	<0.01	--
5449	<0.01	<0.01
5450	<0.01	--
UNITS	ppm	ppm
DET.LIM	0.01	0.01
SCHEME	FA1	FA1

Job: 2AD1605
O/N: RIVER LEA CORE 9

Final

ANALYTICAL REPORT

SAMPLE	Au	Au Rpt
UNITS	ppm	ppm
DET.LIM	0.01	0.01
SCHEME	FA1	FA1

Job: 2AD1605
O/N: RIVER LEA CORE 9

Final

ANALYTICAL REPORT

SAMPLE	Au	Au Rpt
UNITS	ppm	ppm
DET.LIM	0.01	0.01
SCHEME	FA1	FA1

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Mr Grant MacDonald
Frontier Resources Ltd
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FINAL ANALYSIS REPORT

Your Order No:	6261	Our Job Number:	2AD2119
Sample rec'd:	17/04/12	Results reported:	14/05/12
No. of samples:	37	Type of Sample:	PULPS

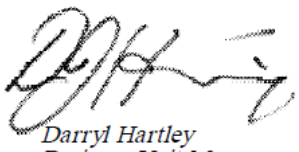
Results apply to sample(s) submitted by the client.

Report comprises a letter and report pages: 1 to 1

This report supersedes any preliminary results previously reported.

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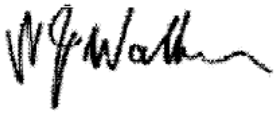
Approved:



Darryl Hartley
Business Unit Manager
Adelaide Geoanalytical



Robert Silvani
Senior Chemist



Neville Walkom
Senior Chemist

Report Codes:

N.A.	-	Not Available	I.S.	-	Insufficient Sample
L.N.R.	-	Listed But Not Received	R.N.L.	-	Received But Not Listed

*** **Please Note** ***

1) The results for elements 'Al, Ba, Cr, Ti, W, Zr, Sn' by code IC3E digest are acid soluble only, and results may be semi-quantative.
'K' values > 1% by code IC3E may bias low due to the insolubility of potassium perchlorate.

2) For scheme IC4, Total 'Fe' is analysed but is calculated and reported as 'Fe2O3'

Job: 2AD2119
O/N: 6261

Final

ANALYTICAL REPORT

SAMPLE	Au	Au Rpt
9001	0.03	--
9001A	N.A.	--
9002	0.02	--
9003	0.08	--
9004	0.02	--
9005	0.03	--
9006	0.06	--
9007	0.03	--
9008	0.01	--
9009	0.01	--
9010	0.08	--
9011	0.02	--
9012	0.04	--
9013	0.02	0.03
9014	0.01	--
9015	0.02	--
9016	0.02	--
9017	0.03	--
9018	0.03	--
9019	0.04	--
9020	0.29	0.33
9021	0.01	--
9022	0.04	--
9023	0.06	--
9024	0.05	--
9025	0.04	--
9026	0.03	--
9027	0.02	--
9028	0.08	--
9029	0.06	--
9030	0.05	--
9031	0.04	--
9032	0.01	--
9033	0.01	--
9034	0.02	--
9035	0.02	--
9035A	1.60	--

UNITS	ppm	ppm
DET.LIM	0.01	0.01
SCHEME	FA1	FA1

Prospect	sample_no	hole_id	from_m	to_m	Interval_m	lab_batch	Au_ppm	Au_rpt	xrf_batch	Sn_ppm_xrf	W_xrf_ppm	Ag_ppm_xrf	Cu_ppm_xrf	Pb_ppm_xrf	Zn_ppm_xrf	Bi_ppm_xrf	Cd_ppm_xrf	Mo_ppm_xrf
Higgs	4401	NC56	0	1.5	1.5	BU12030391	0.17		exportData-1-04-12	214	9	<LOD	36	482	75.4	<LOD	<LOD	9.2
Higgs	4402	NC56	1.5	3	1.5	BU12030391	0.11		exportData-1-04-12	107	12	<LOD	102	1797	152	<LOD	<LOD	4.7
Higgs	4403	NC56	3	4	1	BU12030391	0.02		exportData-1-04-12	18.5	<LOD	<LOD	66	821	108	<LOD	<LOD	5.1
Higgs	4404	NC56	4	4.55	0.55	BU12030391	<0.01		exportData-1-04-12	5.5	<LOD	<LOD	19	919	188	<LOD	2.6	7.8
Higgs	4405	NC56	4.55	5.5	0.95	BU12030391	<0.01		exportData-1-04-12	5.8	<LOD	<LOD	<LOD	1617	586	<LOD	8.7	3.8
Higgs	4406	NC56	5.5	6.37	0.87	BU12030391	0.01		exportData-1-04-12	12.8	<LOD	<LOD	19	513	257	<LOD	3.5	3.7
Higgs	4407	NC56	6.37	7.25	0.88	BU12030391	3.17		exportData-1-04-12	189	<LOD	18.1	204	17909	15656	<LOD	131	6
Higgs	4408	NC56	7.25	8	0.75	BU12030391	0.04		exportData-1-04-12	63	<LOD	<LOD	<LOD	2319	1697	<LOD	16.7	8.2
Higgs	4409	NC56	8	9	1	BU12030391	<0.01		exportData-1-04-12	82	<LOD	<LOD	22	1340	422	<LOD	<LOD	4.3
Higgs	4410	NC56	9	10	1	BU12030391	0.01		exportData-1-04-12	15.4	<LOD	<LOD	12	971	234	<LOD	3.8	6.3
Higgs	4411	NC56	10	11	1	BU12030391	<0.01		exportData-1-04-12	17.6	<LOD	<LOD	36	699	238	<LOD	2.5	9.2
Higgs	4412	NC56	11	12	1	BU12030391	<0.01		exportData-1-04-12	39.4	<LOD	<LOD	51	685	268	<LOD	2.9	3.2
Higgs	4413	NC56	12	13	1	BU12030391	<0.01		exportData-1-04-12	81	<LOD	<LOD	269	1553	417	<LOD	8.2	<LOD
Higgs	4414	NC56	13	14	1	BU12030391	<0.01		exportData-1-04-12	76	<LOD	<LOD	13	632	619	<LOD	7.2	5.4
Higgs	4415	NC56	14	15	1	BU12030391	<0.01		exportData-1-04-12	<LOD	<LOD	<LOD	22	264	294	<LOD	3.2	9.2
Higgs	4416	NC56	15	16	1	BU12030391	<0.01		exportData-1-04-12	16.8	<LOD	<LOD	20	607	547	<LOD	4.9	5
Higgs	4417	NC56	16	17.1	1.1	BU12030391	0.01		exportData-1-04-12	50	<LOD	2.5	165	819	1734	12	14.2	6.5
Higgs	4418	NC56	17.1	18	0.9	BU12030391	0.05		exportData-1-04-12	167	<LOD	6.8	135	4575	5277	<LOD	47.6	<LOD
Higgs	4419	NC56	18	19	1	BU12030391	8.46		exportData-1-04-12	108	<LOD	24.7	313	32072	27826	<LOD	200	<LOD
Higgs	4420	NC56	19	20	1	BU12030391	7.54		exportData-1-04-12	107	<LOD	19.2	195	23096	23254	<LOD	178	<LOD
Higgs	4421	NC56	20	21	1	BU12030391	3.22		exportData-1-04-12	228	<LOD	21.5	111	26471	24177	<LOD	190	6.2
Higgs	4422	NC56	21	22.2	1.2	BU12030391	0.19		exportData-1-04-12	139	<LOD	14.8	76	5943	1710	<LOD	17	<LOD
Higgs	4423	NC56	22.2	23.3	1.1	BU12030391	0.08		exportData-1-04-12	61	<LOD	<LOD	36	338	272	<LOD	3.3	4.9
Higgs	4424	NC56	23.3	23.75	0.45	BU12030391	0.03		exportData-1-04-12	140	<LOD	<LOD	<LOD	283	1663	<LOD	13.8	<LOD
Higgs	4425	NC56	23.75	24.5	0.75	BU12030391	0.17		exportData-1-04-12	491	<LOD	11.8	315	14439	15509	<LOD	131	<LOD
Higgs	4427	NC56	24.5	25.5	1	BU12030391	0.21		exportData-1-04-12	347	215	13	608	14144	14836	<LOD	133	<LOD
Higgs	4428	NC56	25.5	26.5	1	BU12030391	0.05		exportData-1-04-12	72	<LOD	20.2	293	21086	23464	<LOD	184	<LOD
Higgs	4429	NC56	26.5	27.5	1	BU12030391	0.1		exportData-1-04-12	99	761	32.4	730	30233	35499	54	251	<LOD
Higgs	4430	NC56	27.5	28.3	0.8	BU12030391	<0.01		exportData-1-04-12	40	135	<LOD	19	1808	5348	<LOD	53.8	<LOD
Higgs	4431	NC56	28.3	29.5	1.2	BU12030391	0.01		exportData-1-04-12	72	<LOD	<LOD	13	132.6	129	<LOD	<LOD	<LOD
Higgs	4432	NC56	29.5	30.5	1	BU12030391	<0.01		exportData-1-04-12	100	<LOD	<LOD	9	86.2	70.7	<LOD	<LOD	<LOD
Higgs	4433	NC56	30.5	31.4	0.9	BU12030391	<0.01		exportData-1-04-12	25.3	<LOD	<LOD	<LOD	45.9	49.7	<LOD	<LOD	<LOD
Higgs	4434	NC56	31.4	32.4	1	BU12030391	0.01		exportData-1-04-12	71	33	2.6	24	1698	3349	<LOD	33.6	<LOD
Higgs	4435	NC56	32.4	32.9	0.5	BU12030391	0.04		exportData-1-04-12	338	191	10.1	149	10313	13790	<LOD	110	<LOD
Higgs	4436	NC56	32.9	34	1.1	BU12030391	<0.01		exportData-1-04-12	134	12	<LOD	27	447	287	<LOD	<LOD	4.2
Higgs	4437	NC56	34	35	1	BU12030391	<0.01		exportData-1-04-12	30	15	<LOD	38	524	227	<LOD	<LOD	10.1
Higgs	4438	NC56	35	36	1	BU12030391	<0.01		exportData-1-04-12	39	19	<LOD	32	463	312	<LOD	<LOD	11.4
Higgs	4439	NC56	36	36.65	0.65	BU12030391	<0.01		exportData-1-04-12	13.4	38	<LOD	50	2078	1597	<LOD	15	5.1
Higgs	4440	NC56	36.65	36.9	0.25	BU12030391	<0.01		exportData-1-04-12	39	145	7.2	218	10869	7280	<LOD	62.8	<LOD
Higgs	4441	NC56	36.9	38	1.1	BU12030391	<0.01		exportData-1-04-12	15.1	30	2.3	29	1806	949	<LOD	8.1	3.8
Higgs	4442	NC56	38	39	1	BU12030391	<0.01		exportData-1-04-12	55	83	4.4	109	4359	3416	<LOD	30.8	<LOD
Higgs	4443	NC56	39	40	1	BU12030391	<0.01		exportData-1-04-12	41	23	2.9	50	1358	1460	<LOD	13.2	<LOD
Higgs	4444	NC56	40	41	1	BU12030391	<0.01		exportData-1-04-12	41	49	2.6	32	1139	2133	<LOD	20.7	<LOD
Higgs	4445	NC56	41	42	1	BU12030391	<0.01		exportData-1-04-12	48.3	77	<LOD	21	507	2728	<LOD	25.6	<LOD
Higgs	4446	NC56	42	43	1	BU12030391	0.01		exportData-1-04-12	23.1	94	5	32	3495	3721	<LOD	34	<LOD
Higgs	4447	NC56	43	44	1	BU12030391	0.01		exportData-1-04-12	129	71	<LOD	<LOD	575	4830	<LOD	43.5	<LOD
Higgs	4448	NC56	44	45	1	BU12030391	0.05		exportData-1-04-12	61	182	13.5	221	9797	12310	<LOD	101	<LOD
Higgs	4449	NC56	45	46	1	BU12030391	<0.01		exportData-1-04-12	135	102	<LOD	15	592	4980	<LOD	44.9	<LOD
Higgs	4450	NC56	46	47	1	BU12030391	0.03		exportData-1-04-12	65	186	14.4	198	9880	12436	<LOD	106	<LOD
Higgs	4452	NC56	47	47.9	0.9	BU12030391	0.04		exportData-1-04-12	235	200	7.5	179	8540	8164	<LOD	70.9	<LOD
Higgs	4453	NC56	47.9	49	1.1	BU12030391	<0.01		exportData-1-04-12	37	<LOD	<LOD	43	171	142	<LOD	<LOD	<LOD
Higgs	4454	NC56	49	50	1	BU12030391	<0.01		exportData-1-04-12	21.5	<LOD	<LOD	49	90	50.5	<LOD	<LOD	<LOD
Higgs	4455	NC56	50	51	1	BU12030391	0.01		exportData-1-04-12	38.6	<LOD	3.8	62	1029	210	<LOD	3.3	<LOD
Higgs	4456	NC56	51	52	1	BU12030391	0.01		exportData-1-04-12	30.5	<LOD	2.9	57	602	497	<LOD	5.2	<LOD
Higgs	6752	NC57	10.4	11.4	1	BU12030391	<0.01		exportData-1-04-12	5.7	<LOD	<LOD	<LOD	337	344	<LOD	<LOD	<LOD
Higgs	6753	NC57	11.4	12.5	1.1	BU12030391	0.03		exportData-1-04-12	15.1	11	<LOD	<LOD	147	267	<LOD	2.7	<LOD
Higgs	6754	NC57	12.5	13.3	0.8	BU12030391	0.02		exportData-1-04-12	115	32	<LOD	81	18	263	<LOD	<LOD	<LOD
Higgs	6755	NC57	13.3	14.3	1	BU12030391	0.04		exportData-1-04-12	27	<LOD	<LOD	22	246	165	<LOD	<LOD	<LOD
Higgs	6756	NC57	14.3	14.9	0.6	BU12030391	<0.01		exportData-1-04-12	14.1	<LOD	<LOD	<LOD	164	65.4	<LOD	<LOD	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Interval_m	lab_batch	Au_ppm	Au_rpt	xrf_batch	Sn_ppm_xrf	W_xrf_ppm	Ag_ppm_xrf	Cu_ppm_xrf	Pb_ppm_xrf	Zn_ppm_xrf	Bi_ppm_xrf	Cd_ppm_xrf	Mo_ppm_xrf
Higgs	6757	NC57	17.2	18.2	1	BU12030391	<0.01		exportData-1-04-12	61	11	<LOD	49	81.4	48.5	<LOD	<LOD	<LOD
Higgs	6758	NC57	18.2	18.5	0.3	BU12030391	0.01		exportData-1-04-12	18.8	<LOD	<LOD	103	135.1	40.7	<LOD	<LOD	<LOD
Higgs	6759	NC57	18.5	19.5	1	BU12030391	0.05		exportData-1-04-12	96	<LOD	<LOD	656	98	146	<LOD	<LOD	<LOD
Higgs	6760	NC57	19.5	20.5	1	BU12030391	<0.01		exportData-1-04-12	<LOD	<LOD	<LOD	<LOD	218	41.4	<LOD	<LOD	<LOD
Higgs	6761	NC57	20.5	21.6	1.1	BU12030391	<0.01		exportData-4-04-12	20.2	<LOD	<LOD	23	150	424	<LOD	2.6	4.5
Higgs	6762	NC57	21.6	22.6	1	BU12030391	0.13		exportData-4-04-12	81	<LOD	68	81	12814	36361	66	266	<LOD
Higgs	6763	NC57	22.6	23.6	1	BU12030391	0.25		exportData-4-04-12	219	<LOD	143	<LOD	32421	70289	52	430	<LOD
Higgs	6764	NC57	23.6	24.6	1	BU12030391	0.07		exportData-4-04-12	90	<LOD	25.1	743	4805	8906	30	81	<LOD
Higgs	6765	NC57	24.6	25.5	0.9	BU12030391	0.01		exportData-4-04-12	328	<LOD	6.2	38	3752	5016	<LOD	44.9	<LOD
Higgs	6766	NC57	25.5	26.5	1	BU12030391	0.01		exportData-4-04-12	141	<LOD	<LOD	65	155	232	<LOD	<LOD	4.7
Higgs	6767	NC57	26.5	27.5	1	BU12030391	0.02		exportData-4-04-12	62	<LOD	<LOD	53	118.5	117	13	<LOD	3.9
Higgs	6768	NC57	27.5	27.9	0.4	BU12030391	<0.01		exportData-4-04-12	37	<LOD	<LOD	285	271	215	<LOD	<LOD	4.7
Higgs	6769	NC57	27.9	28.2	0.3	BU12030391	<0.01		exportData-4-04-12	133	<LOD	<LOD	613	244	392	<LOD	<LOD	<LOD
Higgs	6770	NC57	28.2	29.2	1	BU12030391	<0.01		exportData-4-04-12	118	<LOD	<LOD	33	197	350	<LOD	<LOD	<LOD
Higgs	6771	NC57	29.2	30.2	1	BU12030391	<0.01		exportData-4-04-12	28.3	<LOD	<LOD	23	97	68.1	<LOD	<LOD	5.9
Higgs	6772	NC57	30.2	31.2	1	BU12030391	<0.01		exportData-4-04-12	6.6	<LOD	<LOD	14	60.6	35.8	<LOD	<LOD	5.2
Higgs	6773	NC57	31.2	32.3	1.1	BU12030391	<0.01		exportData-4-04-12	6.1	<LOD	<LOD	250	49.7	41.2	<LOD	<LOD	4.2
Higgs	6774	NC57	32.3	33.3	1	BU12030391	0.01		exportData-4-04-12	109	<LOD	<LOD	48	157	246	<LOD	<LOD	4.8
Higgs	6775	NC57	33.3	34.3	1	BU12030391	<0.01		exportData-4-04-12	182	<LOD	<LOD	9	75.1	211	<LOD	<LOD	<LOD
Higgs	6777	NC57	34.3	35.3	1	BU12030391	0.02		exportData-4-04-12	224	<LOD	<LOD	<LOD	67	279	<LOD	<LOD	<LOD
Higgs	6778	NC57	35.3	36.3	1	BU12030391	0.03		exportData-4-04-12	281	<LOD	<LOD	<LOD	66	272	<LOD	<LOD	<LOD
Higgs	6779	NC57	36.3	37.3	1	BU12030391	0.03		exportData-4-04-12	198	<LOD	<LOD	10	70	331	<LOD	<LOD	<LOD
Higgs	6780	NC57	37.3	38.1	0.8	BU12030391	0.01		exportData-4-04-12	310	<LOD	<LOD	<LOD	137	147	<LOD	<LOD	<LOD
Higgs	6781	NC57	38.1	38.7	0.6	BU12030391	<0.01		exportData-4-04-12	201	<LOD	<LOD	<LOD	104.1	83.3	<LOD	<LOD	5.8
Higgs	6782	NC57	38.7	39.7	1	BU12030391	0.03		exportData-4-04-12	257	12	<LOD	<LOD	148	53.9	<LOD	<LOD	5.4
Higgs	6783	NC57	39.7	40.7	1	BU12030391	0.04		exportData-4-04-12	431	18	<LOD	<LOD	138	196	<LOD	<LOD	4.1
Higgs	6784	NC57	40.7	41.3	0.6	BU12030391	0.22		exportData-4-04-12	1208	<LOD	<LOD	19	244	381	<LOD	<LOD	<LOD
Higgs	6785	NC57	41.3	42.3	1	BU12030391	0.62		exportData-4-04-12	438	<LOD	<LOD	<LOD	121	308	<LOD	<LOD	<LOD
Higgs	6786	NC57	42.3	43.3	1	BU12030391	0.01		exportData-4-04-12	227	<LOD	<LOD	<LOD	85.1	299	<LOD	<LOD	<LOD
Higgs	6787	NC57	43.3	44.3	1	BU12030391	<0.01		exportData-4-04-12	119	<LOD	<LOD	<LOD	145	192	<LOD	<LOD	<LOD
Higgs	6788	NC57	44.3	44.8	0.5	BU12030391	<0.01		exportData-4-04-12	67	<LOD	<LOD	<LOD	214	155	<LOD	3.3	4.9
Higgs	6789	NC57	44.8	45.8	1	BU12030391	<0.01		exportData-4-04-12	24.1	<LOD	<LOD	<LOD	54.6	48.4	<LOD	<LOD	3.6
Higgs	6790	NC57	45.8	46.1	0.3	BU12030391	<0.01		exportData-4-04-12	16.7	<LOD	<LOD	<LOD	103.6	47.2	<LOD	<LOD	5.1
Higgs	6791	NC57	46.1	47.1	1	BU12030391	<0.01		exportData-4-04-12	20.5	<LOD	<LOD	<LOD	26.8	32.4	<LOD	<LOD	<LOD
Higgs	6792	NC57	47.1	47.7	0.6	BU12030391	<0.01		exportData-4-04-12	12.5	<LOD	<LOD	<LOD	69.6	35.3	<LOD	<LOD	3.8
Higgs	6793	NC57	47.7	48.7	1	BU12030391	<0.01		exportData-4-04-12	<LOD	<LOD	<LOD	10	45	37.3	<LOD	<LOD	<LOD
Higgs	6794	NC57	48.7	49.4	0.7	BU12030391	<0.01		exportData-4-04-12	31.9	<LOD	<LOD	<LOD	95.4	51.7	<LOD	<LOD	10
Higgs	6795	NC57	49.4	50.4	1	BU12030391	<0.01		exportData-4-04-12	52	<LOD	<LOD	28	155	101.4	<LOD	<LOD	<LOD
Higgs	6796	NC57	50.4	51.5	1.1	BU12030391	0.02		exportData-4-04-12	65	<LOD	8.1	65	3685	2403	<LOD	21.9	<LOD
Higgs	6797	NC57	51.5	52.5	1	BU12030391	<0.01		exportData-4-04-12	13.1	<LOD	<LOD	48	285	508	<LOD	4.8	5.2
Higgs	6798	NC57	52.5	53	0.5	BU12030391	0.01		exportData-4-04-12	14.5	<LOD	3.7	54	898	1088	<LOD	11.1	6.6
Higgs	6799	NC57	53	54.1	1.1	BU12030391	0.02		exportData-4-04-12	20	<LOD	12	<LOD	7751	8943	<LOD	74.1	3.6
Higgs	6800	NC57	54.1	54.4	0.3	BU12030391	0.04		exportData-4-04-12	22	<LOD	15.4	<LOD	12569	12944	<LOD	103	<LOD
Higgs	6802	NC57	54.4	54.5	0.1	BU12030391	0.01		exportData-4-04-12	39.7	18	<LOD	28	286	378	<LOD	4.4	20.6
Higgs	6803	NC57	54.5	55.5	1	BU12030391	0.02		exportData-4-04-12	21.3	45	3.4	41	1138	1975	<LOD	19.2	<LOD
Higgs	6804	NC57	55.5	56.5	1	BU12030391	<0.01		exportData-4-04-12	20.6	51	3.9	69	2709	2288	<LOD	23	6.3
Higgs	6805	NC57	56.5	57.5	1	BU12030391	<0.01		exportData-4-04-12	7.2	<LOD	<LOD	32	169	114.6	<LOD	2.6	3.4
Higgs	6806	NC57	57.5	58.5	1	BU12030391	<0.01		exportData-4-04-12	31.2	29	2.1	30	536	509	<LOD	6	5
Higgs	6807	NC57	58.5	59.5	1	BU12030391	<0.01		exportData-4-04-12	25	53	2.7	43	1655	1691	<LOD	16	<LOD
Higgs	6808	NC57	59.5	60.5	1	BU12030391	0.02		exportData-4-04-12	38.9	96	4.2	24	2946	4014	23	36.8	<LOD
Higgs	6809	NC57	60.5	61.5	1	BU12030391	<0.01		exportData-4-04-12	120	31	<LOD	114	216	661	<LOD	6.5	<LOD
Higgs	6810	NC57	61.5	62.5	1	BU12030391	0.01		exportData-4-04-12	85	44	<LOD	107	681	1300	<LOD	12.5	3.4
Higgs	6811	NC57	62.5	63.5	1	BU12030391	0.01		exportData-4-04-12	51	52	4.8	126	3367	1904	14	17.8	4.5
Higgs	6812	NC57	63.5	64.5	1	BU12030391	0.02		exportData-4-04-12	43	110	3.3	88	842	8255	<LOD	76.5	<LOD
Higgs	6813	NC57	64.5	65	0.5	BU12030391	0.03		exportData-4-04-12	62	221	15.4	208	8396	8877	43	76.4	<LOD
500 Lode	6814	NC58	1.7	2.7	1	BU12030391	0.89		exportData-4-04-12	422	185	<LOD	140	56.5	188	<LOD	<LOD	<LOD
500 Lode	6815	NC58	2.7	3.7	1	BU12030391	1.4		exportData-4-04-12	311	961	<LOD	92	50.5	107	<LOD	<LOD	<LOD
500 Lode	6816	NC58	3.7	4.7	1	BU12030391	0.59		exportData-4-04-12	202	<LOD	<LOD	99	57	103.9	<LOD	<LOD	<LOD
500 Lode	6817	NC58	4.7	5.3	0.6	BU12030391	0.45		exportData-4-04-12	397	20	<LOD	222	40.7	84	<LOD	<LOD	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Interval_m	lab_batch	Au_ppm	Au_rpt	xrf_batch	Sn_ppm_xrf	W_xrf_ppm	Ag_ppm_xrf	Cu_ppm_xrf	Pb_ppm_xrf	Zn_ppm_xrf	Bi_ppm_xrf	Cd_ppm_xrf	Mo_ppm_xrf
500 Lode	6818	NC58	5.3	6.3	1	BU12030391	0.02		exportData-4-04-12	282	131	<LOD	528	25.6	62	<LOD	<LOD	6.2
500 Lode	6819	NC58	6.3	7.3	1	BU12030391	0.06		exportData-4-04-12	69	55	<LOD	1411	35	79	<LOD	<LOD	<LOD
500 Lode	6820	NC58	7.3	8.3	1	BU12030391	0.29		exportData-4-04-12	89	35	<LOD	1525	56	90	<LOD	<LOD	<LOD
500 Lode	6821	NC58	8.3	8.7	0.4	BU12030391	0.01		exportData-4-04-12	262	1405	<LOD	19	9	250	<LOD	<LOD	226
500 Lode	6822	NC58	8.7	9.7	1	BU12030391	0.01		exportData-4-04-12	31	<LOD	<LOD	428	260	65.9	488	<LOD	<LOD
500 Lode	6823	NC58	9.7	10.7	1	BU12030391	0.04		exportData-4-04-12	48	<LOD	<LOD	29	50.3	80.8	<LOD	<LOD	<LOD
500 Lode	6824	NC58	10.7	11.7	1	BU12030391	0.02		exportData-4-04-12	31.6	<LOD	3.7	351	249	63.6	521	<LOD	16.8
500 Lode	6825	NC58	17	17.9	0.9	BU12030391	<0.01		exportData-4-04-12	22	38	<LOD	217	46.6	93.6	13	<LOD	10.1
500 Lode	6827	NC58	17.9	18.1	0.2	BU12030391	0.02		exportData-4-04-12	49	94	<LOD	<LOD	49.5	47	<LOD	<LOD	357
500 Lode	6828	NC58	19.55	20.2	0.65	BU12030391	0.01		exportData-4-04-12	25.2	318	<LOD	14	46.2	79.2	<LOD	<LOD	<LOD
500 Lode	6829	NC58	20.2	21.2	1	BU12030391	<0.01		exportData-4-04-12	24.5	<LOD	<LOD	21	40.6	89.6	<LOD	<LOD	<LOD
500 Lode	6830	NC58	21.2	22.2	1	BU12030391	0.01		exportData-4-04-12	42	<LOD	<LOD	34	43.6	86.2	<LOD	<LOD	<LOD
500 Lode	6831	NC58	22.2	23.2	1	BU12030391	0.01		exportData-10-04-12	31.7	<LOD	<LOD	36	52.6	58.4	10	<LOD	8.2
500 Lode	6832	NC58	23.2	24.2	1	BU12030391	<0.01		exportData-10-04-12	<LOD	<LOD	<LOD	23	47.3	36.6	<LOD	<LOD	12.2
500 Lode	6833	NC58	24.2	25.2	1	BU12030391	<0.01		exportData-10-04-12	18.1	<LOD	<LOD	22	36	71.7	<LOD	<LOD	5.4
500 Lode	6834	NC58	25.2	26.2	1	BU12030391	<0.01		exportData-10-04-12	36	<LOD	<LOD	27	60.5	100.3	<LOD	<LOD	<LOD
500 Lode	6857	NC59	0	3	3	BU12030391	0.04		exportData-11-04-12	27.9	<LOD	<LOD	<LOD	114.9	52.5	<LOD	<LOD	<LOD
500 Lode	6858	NC59	3	4	1	BU12030391	0.01		exportData-11-04-12	73	22	<LOD	31	87.9	88.2	14	<LOD	<LOD
500 Lode	6859	NC59	4	6	2	BU12030391	0.01		exportData-11-04-12	26.5	<LOD	<LOD	<LOD	80.3	262	<LOD	<LOD	<LOD
500 Lode	6860	NC59	5	6	1	BU12030391	<0.01		exportData-11-04-12	20	<LOD	<LOD	24	242	73.4	<LOD	<LOD	<LOD
500 Lode	6861	NC59	6	7	1	BU12030391	0.01		exportData-11-04-12	19.9	<LOD	<LOD	35	145	57	<LOD	<LOD	<LOD
500 Lode	6862	NC59	7	8	1	BU12030391	<0.01		exportData-11-04-12	31.1	11	<LOD	14	110.8	51.4	<LOD	<LOD	<LOD
500 Lode	6863	NC59	8	9	1	BU12030391	0.01		exportData-12-04-12	60.2	<LOD	<LOD	34	252	96.7	<LOD	<LOD	5.1
500 Lode	6864	NC59	9	10	1	BU12030391	0.02		exportData-12-04-12	134	24	<LOD	219	97.6	112	<LOD	<LOD	12.6
500 Lode	6835	NC59	10	11	1	BU12030391	0.02		exportData-10-04-12	217	12	<LOD	217	17.1	66	<LOD	<LOD	4.5
500 Lode	6836	NC59	11	12	1	BU12030391	0.04		exportData-10-04-12	78	78	<LOD	654	19.7	70.3	<LOD	<LOD	12.9
500 Lode	6837	NC59	12	12.7	0.7	BU12030391	0.02		exportData-10-04-12	31	45	<LOD	826	16.6	51.8	<LOD	<LOD	8.6
500 Lode	6838	NC59	12.7	13.7	1	BU12030391	<0.01		exportData-10-04-12	32	570	<LOD	177	7.5	26.5	17	<LOD	119
500 Lode	6839	NC59	13.7	14.7	1	BU12030391	<0.01		exportData-10-04-12	40.1	44	<LOD	<LOD	56	50.4	15	<LOD	26.2
500 Lode	6840	NC59	14.7	15.7	1	BU12030391	<0.01		exportData-11-04-12	29.5	32	<LOD	212	25.4	66.4	<LOD	<LOD	6.5
500 Lode	6841	NC59	15.7	16.7	1	BU12030391	<0.01		exportData-11-04-12	55	209	<LOD	79	17.3	270	<LOD	3.3	<LOD
500 Lode	6842	NC59	16.7	17.7	1	BU12030391	0.02		exportData-11-04-12	53	819	<LOD	87	25	89	24	<LOD	407
500 Lode	6872	NC59	17.7	18.5	0.8	BU12030391	<0.01		exportData-12-04-12	16.7	<LOD	<LOD	14	104	70.7	<LOD	<LOD	8.4
500 Lode	6873	NC59	18.5	19.5	1	BU12030391	<0.01		exportData-12-04-12	34.4	19	<LOD	43	40.6	57.2	<LOD	<LOD	61.1
500 Lode	6874	NC59	19.5	20.5	1	BU12030391	0.01		exportData-12-04-12	29.1	19	<LOD	19	33.7	47.1	<LOD	<LOD	442
500 Lode	6875	NC59	20.5	21.5	1	BU12030391	<0.01		exportData-12-04-12	44	15	<LOD	<LOD	32.4	49.9	<LOD	<LOD	106
500 Lode	6876	NC59	21.5	22.5	1	BU12030391	<0.01		exportData-12-04-12	10.5	8	<LOD	<LOD	94.2	63.2	<LOD	<LOD	9.8
500 Lode	6877	NC59	22.5	23.5	1	BU12030391	<0.01		exportData-12-04-12	46.3	20	<LOD	16	79.9	230	<LOD	2.5	18.9
500 Lode	6878	NC59	23.5	24.5	1	BU12030391	0.03		exportData-12-04-12	12.9	43	3.2	22	664	1839	<LOD	17.8	4.8
500 Lode	6843	NC59	24.5	25.5	1	BU12030391	<0.01		exportData-11-04-12	30.5	15	<LOD	13	81	60.2	<LOD	<LOD	23.8
500 Lode	6844	NC59	25.5	26.5	1	BU12030391	0.02		exportData-11-04-12	15.9	27	<LOD	17	781	570	<LOD	4.2	<LOD
500 Lode	6845	NC59	26.5	27.2	0.7	BU12030391	0.05		exportData-11-04-12	20.2	35	<LOD	9	578	757	<LOD	9.5	<LOD
500 Lode	6846	NC59	27.2	28.2	1	BU12030391	0.01		exportData-11-04-12	14.4	<LOD	<LOD	<LOD	130	231	315	3.3	<LOD
500 Lode	6847	NC59	28.2	29.2	1	BU12030391	0.01		exportData-11-04-12	26.6	<LOD	<LOD	18	134	620	<LOD	6.2	<LOD
500 Lode	6848	NC59	29.2	30	0.8	BU12030391	<0.01		exportData-11-04-12	15.5	<LOD	<LOD	<LOD	114	347	<LOD	2.8	<LOD
500 Lode	6849	NC59	30	30.65	0.65	BU12030391	0.02		exportData-11-04-12	74	56	3.9	80	917	1757	<LOD	19.2	<LOD
500 Lode	6850	NC59	30.65	31.65	1	BU12030391	0.01		exportData-11-04-12	105	18	<LOD	<LOD	137.2	921	<LOD	10.1	<LOD
500 Lode	6852	NC59	31.65	32.1	0.45	BU12030391	0.01		exportData-11-04-12	118	14	<LOD	36	106	704	<LOD	7	<LOD
500 Lode	6853	NC59	32.1	33.1	1	BU12030391	<0.01		exportData-11-04-12	46	<LOD	<LOD	28	102.2	190	<LOD	<LOD	15
500 Lode	6854	NC59	33.1	34.3	1.2	BU12030391	0.01		exportData-11-04-12	31	<LOD	<LOD	62	88.7	138	<LOD	<LOD	7.5
500 Lode	6855	NC59	34.3	35.1	0.8	BU12030391	0.01		exportData-11-04-12	53	<LOD	2.2	63	128.8	1720	<LOD	15.1	<LOD
500 Lode	6856	NC59	35.1	36.1	1	BU12030391	<0.01		exportData-11-04-12	23.9	<LOD	<LOD	14	52.3	30.3	<LOD	<LOD	28.5
500 Lode	6865	NC59	36.1	37.1	1	BU12030391	0.01		exportData-12-04-12	25.4	<LOD	<LOD	14	88.2	28.1	<LOD	<LOD	36.7
500 Lode	6866	NC59	37.1	38.1	1	BU12030391	<0.01		exportData-12-04-12	11.4	<LOD	<LOD	13	40.7	20.1	<LOD	<LOD	22.8
500 Lode	6867	NC59	38.1	39.1	1	BU12030391	<0.01		exportData-12-04-12	60	<LOD	<LOD	27	61.2	16.2	<LOD	<LOD	13.7
500 Lode	6868	NC59	39.1	40.1	1	BU12030391	0.01		exportData-12-04-12	15.6	<LOD	<LOD	22	95.9	43.6	<LOD	<LOD	34.8
500 Lode	6869	NC59	40.1	41.1	1	BU12030391	<0.01		exportData-12-04-12	13	<LOD	<LOD	11	38.9	25.6	<LOD	<LOD	7.6
500 Lode	6870	NC59	41.3	42.3	1	BU12030391	<0.01		exportData-12-04-12	10.9	<LOD	<LOD	<LOD	81.5	55	<LOD	<LOD	4.3
500 Lode	6871	NC59	42.3	42.5	0.2	BU12030391	<0.01		exportData-12-04-12	28.9	<LOD	<LOD	35	40.5	28.9	<LOD	<LOD	9.2

Prospect	sample_no	hole_id	from_m	to_m	Interval_m	lab_batch	Au_ppm	Au_rpt	xrf_batch	Sn_ppm_xrf	W_xrf_ppm	Ag_ppm_xrf	Cu_ppm_xrf	Pb_ppm_xrf	Zn_ppm_xrf	Bi_ppm_xrf	Cd_ppm_xrf	Mo_ppm_xrf
Three Sisters	4458	NC60	0	1.5	1.5	2AD1605	0.66	--	exportData-10-04-12	86	166	<LOD	86	79	35.3	143	<LOD	147
Three Sisters	4460	NC60	1.5	3	1.5	2AD1605	0.15	--	exportData-10-04-12	17.9	31	<LOD	107	46	48.9	46	<LOD	126
Three Sisters	4461	NC60	3	3.85	0.85	2AD1605	1.25	--	exportData-10-04-12	8.1	<LOD	<LOD	300	25.3	30.1	36	<LOD	74.9
Three Sisters	4462	NC60	3.85	4.05	0.2	2AD1605	0.11	--	exportData-10-04-12	8.7	27	<LOD	27	28.7	11.9	84	<LOD	39.7
Three Sisters	4463	NC60	4.05	5	0.95	2AD1605	0.03	--	exportData-10-04-12	14.8	7	<LOD	35	17.4	9.1	40	<LOD	21.2
Three Sisters	4464	NC60	5	6	1	2AD1605	<0.01	--	exportData-10-04-12	20.7	15	<LOD	21	11.8	17.6	<LOD	<LOD	28.4
Three Sisters	4465	NC60	6	7	1	2AD1605	<0.01	--	exportData-10-04-12	22	<LOD	<LOD	21	12.6	14.7	<LOD	<LOD	36.1
Three Sisters	4466	NC60	7	7.8	0.8	2AD1605	0.07	--	exportData-10-04-12	42.1	13	<LOD	28	7.4	18.8	10	<LOD	66.1
Three Sisters	4467	NC60	7.8	8.8	1	2AD1605	<0.01	--	exportData-10-04-12	13	<LOD	<LOD	19	33.5	24.8	30	<LOD	41.1
Three Sisters	4468	NC60	8.8	8.95	0.15	2AD1605	<0.01	--	exportData-10-04-12	17.5	45	<LOD	10	22.1	13.8	26	<LOD	36.7
Three Sisters	4469	NC60	9.95	10.4	0.45	2AD1605	0.02	--	exportData-10-04-12	28.4	9	<LOD	12	23.7	28.5	<LOD	<LOD	27.2
Three Sisters	4470	NC60	10.4	11.4	1	2AD1605	0.03	--	exportData-10-04-12	38.4	<LOD	<LOD	15	25.7	18.3	<LOD	<LOD	55.6
Three Sisters	4471	NC60	11.4	12.4	1	2AD1605	<0.01	--	exportData-10-04-12	44.9	<LOD	<LOD	12	13	21	21	<LOD	78.5
Three Sisters	4472	NC60	12.4	13.1	0.7	2AD1605	<0.01	--	exportData-10-04-12	30.8	<LOD	<LOD	25	26.3	33	<LOD	<LOD	23.3
Three Sisters	4473	NC60	13.1	14	0.9	2AD1605	0.03	--	exportData-10-04-12	39	<LOD	<LOD	77	14.4	53.7	21	<LOD	31.3
Three Sisters	4474	NC60	14	15	1	2AD1605	<0.01	--	exportData-10-04-12	32.8	<LOD	<LOD	19	28.1	27.2	23	<LOD	33.7
Three Sisters	4475	NC60	15	15.8	0.8	2AD1605	<0.01	--	exportData-10-04-12	26	<LOD	<LOD	76	22.1	45.4	24	<LOD	55.7
Three Sisters	4476	NC60	15.8	16.6	0.8	2AD1605	<0.01	--	exportData-10-04-12	57	<LOD	<LOD	73	4.1	62.3	50	<LOD	44.9
Three Sisters	4477	NC60	16.6	17.3	0.7	2AD1605	<0.01	--	exportData-10-04-12	70	21	<LOD	22	<LOD	33.8	53	<LOD	37.2
Three Sisters	4478	NC60	17.3	17.8	0.5	2AD1605	0.09	--	exportData-10-04-12	184	17	<LOD	1115	9.1	125	40	<LOD	8.6
Three Sisters	4479	NC60	17.8	18.8	1	2AD1605	<0.01	--	exportData-10-04-12	207	<LOD	<LOD	75	11	60.1	18	<LOD	15.2
Three Sisters	4480	NC60	18.8	19.8	1	2AD1605	<0.01	--	exportData-10-04-12	41	<LOD	<LOD	18	7.4	52.5	19	<LOD	62.6
Three Sisters	4481	NC60	19.8	20.9	1.1	2AD1605	<0.01	--	exportData-10-04-12	13.6	<LOD	<LOD	<LOD	7.7	63.5	20	<LOD	23.6
Three Sisters	4482	NC60	20.9	22	1.1	2AD1605	<0.01	<0.01	exportData-10-04-12	98	12	<LOD	<LOD	14.8	68.4	<LOD	<LOD	6.6
Three Sisters	4483	NC60	22	23	1	2AD1605	0.06	--	exportData-10-04-12	35	<LOD	<LOD	<LOD	10.6	48.4	20	<LOD	61
Three Sisters	4485	NC60	23	24	1	2AD1605	<0.01	--	exportData-10-04-12	98	39	<LOD	<LOD	13.9	48.9	<LOD	<LOD	21.2
Three Sisters	4486	NC60	24	25	1	2AD1605	<0.01	--	exportData-10-04-12	11.7	<LOD	<LOD	<LOD	9.8	45.3	<LOD	<LOD	<LOD
Three Sisters	4487	NC60	25	26	1	2AD1605	<0.01	--	exportData-10-04-12	23.9	<LOD	<LOD	<LOD	11.1	56.6	<LOD	<LOD	<LOD
Three Sisters	4488	NC60	26	27	1	2AD1605	<0.01	--	exportData-10-04-12	44	7	<LOD	<LOD	9.1	46.6	<LOD	<LOD	11.2
Three Sisters	4489	NC60	27	28	1	2AD1605	<0.01	--	exportData-10-04-12	35	<LOD	<LOD	<LOD	9.1	32.3	<LOD	<LOD	75.7
Three Sisters	4490	NC60	28	29	1	2AD1605	<0.01	--	exportData-10-04-12	46	<LOD	<LOD	<LOD	10.3	52.9	<LOD	<LOD	16.7
Three Sisters	4491	NC60	29	30	1	2AD1605	<0.01	--	exportData-10-04-12	57	<LOD	<LOD	<LOD	13.5	55	<LOD	<LOD	<LOD
Three Sisters	4492	NC60	30	30.6	0.6	2AD1605	<0.01	--	exportData-10-04-12	48	<LOD	<LOD	<LOD	58.3	72.2	<LOD	<LOD	<LOD
Three Sisters	4493	NC60	30.6	31	0.4	2AD1605	2.15	--	exportData-10-04-12	489	<LOD	6.2	695	27	297	38	<LOD	<LOD
Three Sisters	4494	NC60	31	32	1	2AD1605	0.1	--	exportData-10-04-12	187	<LOD	<LOD	51	48.7	244	<LOD	2.9	5.4
Three Sisters	4495	NC60	32	33	1	2AD1605	<0.01	--	exportData-10-04-12	142	<LOD	<LOD	37	14.7	112	<LOD	<LOD	<LOD
Three Sisters	4496	NC60	33	34	1	2AD1605	<0.01	--	exportData-10-04-12	86	<LOD	<LOD	11	11.9	90.7	<LOD	<LOD	<LOD
Three Sisters	4497	NC60	34	35	1	2AD1605	<0.01	--	exportData-10-04-12	53	<LOD	<LOD	144	13.4	47.3	<LOD	<LOD	49.4
Three Sisters	4498	NC60	35	35.8	0.8	2AD1605	<0.01	--	exportData-10-04-12	34	<LOD	<LOD	<LOD	12.5	41.5	<LOD	<LOD	<LOD
Three Sisters	4499	NC60	35.8	36.15	0.35	2AD1605	<0.01	<0.01	exportData-10-04-12	251	19	<LOD	<LOD	9.9	75.3	<LOD	<LOD	3.3
Three Sisters	4500	NC60	36.15	36.6	0.45	2AD1605	<0.01	--	exportData-10-04-12	93	8	<LOD	<LOD	<LOD	40.7	<LOD	<LOD	<LOD
Three Sisters	4951	NC60	36.6	37.6	1	2AD1605	<0.01	--	exportData-10-04-12	47	10	<LOD	<LOD	<LOD	26.3	<LOD	<LOD	<LOD
Three Sisters	4952	NC60	37.6	38.6	1	2AD1605	<0.01	--	exportData-10-04-12	29.4	<LOD	<LOD	<LOD	5.2	51.2	<LOD	<LOD	<LOD
Three Sisters	4953	NC60	38.6	39.6	1	2AD1605	<0.01	--	exportData-10-04-12	30	<LOD	<LOD	<LOD	26.5	59	<LOD	<LOD	3.8
Three Sisters	4954	NC60	39.6	40.6	1	2AD1605	0.03	--	exportData-10-04-12	100	<LOD	<LOD	54	<LOD	88.3	<LOD	<LOD	<LOD
Three Sisters	4955	NC60	40.6	41.6	1	2AD1605	0.02	--	exportData-10-04-12	132	<LOD	<LOD	15	<LOD	53.6	<LOD	<LOD	7.8
Three Sisters	4956	NC60	41.6	42.6	1	2AD1605	0.07	--	exportData-10-04-12	92	<LOD	<LOD	56	<LOD	70.7	<LOD	<LOD	<LOD
Three Sisters	4957	NC60	42.6	43.6	1	2AD1605	0.09	--	exportData-10-04-12	64	<LOD	<LOD	93	<LOD	119	<LOD	<LOD	10.4
Three Sisters	4958	NC60	43.6	44.6	1	2AD1605	0.52	--	exportData-10-04-12	91	<LOD	<LOD	65	8.4	60.5	<LOD	<LOD	105
Three Sisters	4960	NC60	44.6	45.05	0.45	2AD1605	0.07	--	exportData-10-04-12	78	<LOD	<LOD	44	<LOD	22.1	<LOD	<LOD	<LOD
Three Sisters	5407	NC61	0	1.5	1.5	2AD1605	<0.01	--	exportData-10-04-12	56	122	<LOD	11	23.9	30.6	10	<LOD	36.4
Three Sisters	5408	NC61	1.5	3.75	2.25	2AD1605	<0.01	<0.01	exportData-10-04-12	40	15	<LOD	<LOD	22.5	99.6	<LOD	<LOD	44.2
Three Sisters	5409	NC61	3.75	5	1.25	2AD1605	<0.01	--	exportData-10-04-12	12.1	<LOD	<LOD	<LOD	24.2	157	<LOD	<LOD	77.1
Three Sisters	5410	NC61	5	6	1	2AD1605	<0.01	--	exportData-10-04-12	22.3	<LOD	<LOD	29	28.3	166	<LOD	<LOD	130
Three Sisters	5411	NC61	6	6.4	0.4	2AD1605	<0.01	--	exportData-10-04-12	57	<LOD	<LOD	36	26.3	92.4	<LOD	<LOD	112
Three Sisters	5412	NC61	6.4	7.4	1	2AD1605	<0.01	--	exportData-10-04-12	20	<LOD	<LOD	<LOD	12.2	59.2	<LOD	<LOD	62.2
Three Sisters	5413	NC61	7.4	7.9	0.5	2AD1605	<0.01	--	exportData-10-04-12	16.8	<LOD	<LOD	<LOD	18.7	85	<LOD	<LOD	6.6
Three Sisters	5414	NC61	7.9	8.9	1	2AD1605	<0.01	--	exportData-10-04-12	111	<LOD	<LOD	<LOD	14.5	85.2	<LOD	<LOD	8
Three Sisters	5415	NC61	8.9	9.9	1	2AD1605	<0.01	--	exportData-10-04-12	68	<LOD	<LOD	7	19	86.2	<LOD	<LOD	9.6

Prospect	sample_no	hole_id	from_m	to_m	Interval_m	lab_batch	Au_ppm	Au_rpt	xrf_batch	Sn_ppm_xrf	W_xrf_ppm	Ag_ppm_xrf	Cu_ppm_xrf	Pb_ppm_xrf	Zn_ppm_xrf	Bi_ppm_xrf	Cd_ppm_xrf	Mo_ppm_xrf
Three Sisters	5416	NC61	9.9	11.9	2	2AD1605	<0.01	--	exportData-10-04-12	31.9	<LOD	<LOD	<LOD	12.6	45.9	<LOD	<LOD	5.3
Three Sisters	5417	NC61	11.9	12.9	1	2AD1605	<0.01	--	exportData-10-04-12	81	31	<LOD	10	4.9	118	<LOD	<LOD	10.1
Three Sisters	5418	NC61	12.9	13.9	1	2AD1605	<0.01	--	exportData-10-04-12	43	<LOD	<LOD	<LOD	48	100.4	<LOD	<LOD	35.4
Three Sisters	5419	NC61	13.9	14.7	0.8	2AD1605	0.02	--	exportData-10-04-12	87	17	<LOD	429	26.4	212	<LOD	<LOD	13.4
Three Sisters	5420	NC61	14.7	15	0.3	2AD1605	0.01	--	exportData-10-04-12	51	<LOD	<LOD	104	71	308	632	<LOD	92245
Three Sisters	5421	NC61	15	16	1	2AD1605	<0.01	--	exportData-10-04-12	80	<LOD	2.3	25	153	232	<LOD	<LOD	35.3
Three Sisters	5422	NC61	16	17	1	2AD1605	<0.01	--	exportData-10-04-12	144	<LOD	<LOD	74	32.6	87.3	<LOD	<LOD	9.7
Three Sisters	5423	NC61	17	18	1	2AD1605	<0.01	--	exportData 11-04-12	204	<LOD	<LOD	34	<LOD	168	30	<LOD	86
Three Sisters	5424	NC61	18	19	1	2AD1605	<0.01	--	exportData 11-04-12	40	<LOD	<LOD	<LOD	35.7	103.7	<LOD	<LOD	7.9
Three Sisters	5425	NC61	19	20	1	2AD1605	<0.01	--	exportData 11-04-12	36	<LOD	2	<LOD	32.6	59.1	<LOD	<LOD	5.1
Three Sisters	5426	NC61	20	21	1	2AD1605	<0.01	--	exportData 11-04-12	104	<LOD	<LOD	21	14.5	70.5	11	<LOD	9
Three Sisters	5427	NC61	21	22	1	2AD1605	<0.01	--	exportData 11-04-12	81	<LOD	<LOD	27	24.4	92.4	<LOD	<LOD	4.9
Three Sisters	5428	NC61	22	23	1	2AD1605	<0.01	--	exportData 11-04-12	42	<LOD	<LOD	<LOD	45.3	68.3	<LOD	<LOD	3.6
Three Sisters	5429	NC61	23	24	1	2AD1605	<0.01	--	exportData 11-04-12	27.6	<LOD	<LOD	<LOD	58.5	122.3	11	<LOD	6.1
Three Sisters	5430	NC61	24	25	1	2AD1605	<0.01	--	exportData 11-04-12	24	<LOD	<LOD	22	118	130	20	<LOD	135
Three Sisters	5431	NC61	25	26	1	2AD1605	<0.01	--	exportData 11-04-12	63	<LOD	<LOD	32	5.3	182	16	<LOD	5.6
Three Sisters	5433	NC61	26	27.1	1.1	2AD1605	<0.01	--	exportData 11-04-12	35	<LOD	<LOD	27	36.9	68.1	20	<LOD	7.1
Three Sisters	5434	NC61	27.1	28.1	1	2AD1605	0.18	--	exportData 11-04-12	86	<LOD	<LOD	94	4.1	122	47	<LOD	9.5
Three Sisters	5435	NC61	28.1	29.1	1	2AD1605	<0.01	--	exportData 11-04-12	380	<LOD	<LOD	112	<LOD	203	14	<LOD	6.1
Three Sisters	5436	NC61	29.1	30.1	1	2AD1605	0.12	--	exportData 11-04-12	326	<LOD	<LOD	69	27	194	16	<LOD	5.5
Three Sisters	5437	NC61	30.1	30.6	0.5	2AD1605	0.05	--	exportData 11-04-12	155	<LOD	<LOD	98	26.3	134	12	<LOD	6
Three Sisters	5438	NC61	30.6	31.6	1	2AD1605	<0.01	--	exportData 11-04-12	46	<LOD	<LOD	15	3.5	55.6	<LOD	<LOD	35.1
Three Sisters	5439	NC61	31.6	32.6	1	2AD1605	0.09	--	exportData 11-04-12	67	<LOD	<LOD	54	3.3	128	<LOD	<LOD	5.9
Three Sisters	5440	NC61	32.6	33.3	0.7	2AD1605	<0.01	--	exportData 11-04-12	38	<LOD	<LOD	23	6	123.6	11	<LOD	8.5
Three Sisters	5441	NC61	33.3	34.3	1	2AD1605	<0.01	--	exportData 11-04-12	79	<LOD	<LOD	15	4.4	80.2	<LOD	<LOD	<LOD
Three Sisters	5442	NC61	34.3	35	0.7	2AD1605	<0.01	--	exportData 11-04-12	62	119	<LOD	29	5.7	240	11	<LOD	5.7
Three Sisters	5443	NC61	35	36	1	2AD1605	<0.01	--	exportData 11-04-12	139	<LOD	<LOD	23	7.3	577	10	6.6	5.2
Three Sisters	5444	NC61	36	37	1	2AD1605	<0.01	--	exportData 11-04-12	53	<LOD	<LOD	<LOD	9.2	101.1	<LOD	<LOD	<LOD
Three Sisters	5445	NC61	37	38	1	2AD1605	<0.01	--	exportData 11-04-12	83	<LOD	<LOD	22	8.2	63.5	<LOD	<LOD	4.4
Three Sisters	5446	NC61	38	38.5	0.5	2AD1605	0.02	--	exportData 11-04-12	37	<LOD	<LOD	11	5.3	47.6	<LOD	<LOD	5
Three Sisters	5447	NC61	38.5	39.4	0.9	2AD1605	<0.01	--	exportData 11-04-12	197	28	<LOD	15	15.7	121	<LOD	<LOD	3.9
Three Sisters	5448	NC61	39.4	39.9	0.5	2AD1605	<0.01	--	exportData 11-04-12	275	14	<LOD	80	8.5	113	19	<LOD	7.7
Three Sisters	5449	NC61	39.9	40.2	0.3	2AD1605	<0.01	<0.01	exportData 11-04-12	176	<LOD	<LOD	<LOD	12.1	208	<LOD	<LOD	6.2
Three Sisters	5450	NC61	40.2	40.4	0.2	2AD1605	<0.01	--	exportData 11-04-12	38	<LOD	<LOD	<LOD	23.2	42	<LOD	<LOD	31.9
Three Sisters	119253	NC62	0	1.1	1.1	2AD1855	<0.01	--	exportData-09-05-12	85	192	<LOD	8	8.1	13.7	66	<LOD	70.9
Three Sisters	119254	NC62	1.1	2.2	1.1	2AD1855	<0.01	--	exportData-09-05-12	58	<LOD	<LOD	14	12.4	13.4	65	<LOD	12.7
Three Sisters	119255	NC62	2.2	3	0.8	2AD1855	<0.01	--	exportData-09-05-12	141	<LOD	<LOD	<LOD	4.2	18.5	51	<LOD	32.9
Three Sisters	119256	NC62	3	4	1	2AD1855	<0.01	--	exportData-09-05-12	44.2	<LOD	<LOD	13	15.3	13.9	33	<LOD	19.8
Three Sisters	119257	NC62	4	5.45	1.45	2AD1855	0.01	--	exportData-09-05-12	72	<LOD	<LOD	23	16	22.5	26	<LOD	25.7
Three Sisters	119258	NC62	5.45	6.1	0.65	2AD1855	0.01	--	exportData-09-05-12	44.8	<LOD	<LOD	24	15.4	18.4	11	<LOD	34.1
Three Sisters	119259	NC62	6.1	6.35	0.25	2AD1855	<0.01	0.01	exportData-09-05-12	19.9	<LOD	<LOD	11	17.3	22.8	12	<LOD	22.5
Three Sisters	119260	NC62	6.35	7.15	0.8	2AD1855	<0.01	--	exportData-09-05-12	28.6	<LOD	<LOD	6.5	22.7	14.2	17	<LOD	13.9
Three Sisters	119261	NC62	7.15	7.7	0.55	2AD1855	<0.01	--	exportData-09-05-12	40.9	<LOD	<LOD	8	17.4	33.5	12	<LOD	24.2
Three Sisters	119262	NC62	7.7	8.8	1.1	2AD1855	<0.01	--	exportData-09-05-12	24.9	<LOD	<LOD	<LOD	37.4	16.5	14	<LOD	13.5
Three Sisters	119263	NC62	8.8	9.7	0.9	2AD1855	<0.01	--	exportData-09-05-12	137	<LOD	<LOD	11	7.8	25.4	76	<LOD	25.7
Three Sisters	119264	NC62	9.7	10.35	0.65	2AD1855	<0.01	--	exportData-09-05-12	30	<LOD	<LOD	10	24.4	41.5	26	<LOD	49.8
Three Sisters	119266	NC62	10.35	10.9	0.55	2AD1855	0.1	--	exportData-09-05-12	71	<LOD	<LOD	<LOD	28.1	107	193	<LOD	9.7
Three Sisters	119267	NC62	10.9	12	1.1	2AD1855	<0.01	--	exportData-09-05-12	20.8	<LOD	<LOD	<LOD	<LOD	24.1	22	<LOD	16.9
Three Sisters	119268	NC62	12	13	1	2AD1855	<0.01	--	exportData-09-05-12	25.7	<LOD	<LOD	<LOD	12	53.7	26	<LOD	491
Three Sisters	119269	NC62	13	13.7	0.7	2AD1855	<0.01	--	exportData-09-05-12	56	<LOD	<LOD	92	8.5	237	<LOD	<LOD	10.6
Three Sisters	119270	NC62	13.7	14.7	1	2AD1855	<0.01	--	exportData-09-05-12	114	<LOD	<LOD	100	13.8	104.9	19	4.3	30.5
Three Sisters	119271	NC62	14.7	15.4	0.7	2AD1855	<0.01	--	exportData-09-05-12	64	10	<LOD	12	4.5	233	<LOD	3.9	16.9
Three Sisters	119272	NC62	15.4	17.05	1.65	2AD1855	0.05	--	exportData-09-05-12	77	259	<LOD	<LOD	13.5	40.6	204	<LOD	10.2
Three Sisters	119273	NC62	17.05	17.9	0.85	2AD1855	<0.01	--	exportData-09-05-12	102	21	<LOD	9	<LOD	119	9	<LOD	7.3
Three Sisters	119274	NC62	17.9	19	1.1	2AD1855	<0.01	--	exportData-09-05-12	58	7	<LOD	<LOD	7.4	62.8	<LOD	<LOD	4.5
Three Sisters	119275	NC62	19	20	1	2AD1855	<0.01	--	exportData-09-05-12	151	19	<LOD	<LOD	6.2	269	<LOD	<LOD	5.8
Three Sisters	119276	NC62	20	20.9	0.9	2AD1855	<0.01	--	exportData-09-05-12	126	<LOD	<LOD	<LOD	5.7	155	<LOD	<LOD	<LOD
Three Sisters	119277	NC62	20.9	22	1.1	2AD1855	0.13	--	exportData-09-05-12	218	79	<LOD	33	13.4	230	251	<LOD	94
Three Sisters	119278	NC62	22	23	1	2AD1855	0.05	--	exportData-09-05-12	95	885	<LOD	<LOD	10.1	83	186	<LOD	101

Prospect	sample_no	hole_id	from_m	to_m	Interval_m	lab_batch	Au_ppm	Au_rpt	xrf_batch	Sn_ppm_xrf	W_xrf_ppm	Ag_ppm_xrf	Cu_ppm_xrf	Pb_ppm_xrf	Zn_ppm_xrf	Bi_ppm_xrf	Cd_ppm_xrf	Mo_ppm_xrf
Three Sisters	119279	NC62	23	24	1	2AD1855	<0.01	--	exportData-09-05-12	120	338	<LOD	12	6.9	56.3	49	<LOD	120
Three Sisters	119280	NC62	24	25	1	2AD1855	0.02	--	exportData-09-05-12	73	33	<LOD	11	11.2	33.1	33	<LOD	123
Three Sisters	119281	NC62	25	26	1	2AD1855	<0.01	--	exportData-09-05-12	214	103	<LOD	<LOD	<LOD	29.1	56	<LOD	64.5
Three Sisters	119282	NC62	26	26.9	0.9	2AD1855	0.02	--	exportData-09-05-12	123	9	<LOD	21	<LOD	25.2	65	<LOD	34.6
Three Sisters	119283	NC62	26.9	27.55	0.65	2AD1855	<0.01	--	exportData-09-05-12	92	24	<LOD	18	7.5	120	<LOD	<LOD	15
Three Sisters	119284	NC62	27.55	28.5	0.95	2AD1855	<0.01	--	exportData-09-05-12	23.7	90	<LOD	<LOD	9.5	27.6	22	<LOD	90.4
Three Sisters	119285	NC62	28.5	29.7	1.2	2AD1855	<0.01	--	exportData-09-05-12	15.5	<LOD	<LOD	<LOD	8.6	27	17	<LOD	21.1
Three Sisters	119286	NC62	29.7	30.9	1.2	2AD1855	<0.01	--	exportData-09-05-12	13.6	<LOD	<LOD	<LOD	6	26.2	36	<LOD	66.7

Prospect	sample_no	hole_id	from_m	to_m	Fe_ppm_xrf	As_ppm_xrf	Ba_ppm_xrf	Ta_ppm_xrf	Zr_ppm_xrf	Ti_ppm_xrf	Ni_ppm_xrf	Co_ppm_xrf	Sb_ppm_xrf	V_ppm_xrf	Sc_ppm_xrf	Y_ppm_xrf	Sr_ppm_xrf	Mn_ppm_xrf
Higgs	4401	NC56	0	1.5	54914	61	54	11.8	205	3685	<LOD	29.5	<LOD	36	<LOD	17.4	10	257
Higgs	4402	NC56	1.5	3	22764	<LOD	56	<LOD	224	2353	<LOD	12.1	<LOD	26	<LOD	32.3	6.8	662
Higgs	4403	NC56	3	4	17623	<LOD	62	<LOD	216	1910	<LOD	9.5	<LOD	26.5	<LOD	21.2	3.8	490
Higgs	4404	NC56	4	4.55	12814	<LOD	188	<LOD	211	1996	<LOD	6.3	<LOD	37.6	<LOD	36.5	9.6	664
Higgs	4405	NC56	4.55	5.5	12457	<LOD	250	9.2	213	1967	<LOD	6.5	<LOD	44.8	<LOD	41.1	12.6	1043
Higgs	4406	NC56	5.5	6.37	9117	<LOD	98	4.9	167	1369	<LOD	4.8	<LOD	30.4	<LOD	28.4	5.6	283
Higgs	4407	NC56	6.37	7.25	64537	<LOD	50	305	146	1443	<LOD	35.4	30	<LOD	<LOD	39	<LOD	1045
Higgs	4408	NC56	7.25	8	21902	<LOD	134	36	181	2136	<LOD	11.4	7	35	<LOD	44	8.5	893
Higgs	4409	NC56	8	9	18320	38	84	10.6	133	1545	<LOD	9.8	<LOD	24.8	<LOD	31.9	10	644
Higgs	4410	NC56	9	10	8349	<LOD	210	6.1	216	2012	<LOD	4.6	<LOD	48.1	<LOD	41.2	8.9	385
Higgs	4411	NC56	10	11	15076	<LOD	138	5.6	206	1911	<LOD	7.7	<LOD	36.3	<LOD	38.2	7.1	740
Higgs	4412	NC56	11	12	14359	<LOD	117	8	166	1663	<LOD	7.5	<LOD	30.8	<LOD	28.9	8.3	632
Higgs	4413	NC56	12	13	23525	<LOD	124	<LOD	204	1502	<LOD	14.2	<LOD	25.3	<LOD	49.2	7.9	507
Higgs	4414	NC56	13	14	23671	<LOD	121	16	182	1722	<LOD	12	<LOD	24	<LOD	39.3	12.7	1441
Higgs	4415	NC56	14	15	12335	<LOD	144	11.8	171	1707	<LOD	7	<LOD	33.5	<LOD	32.2	7.5	454
Higgs	4416	NC56	15	16	16862	<LOD	175	15.7	208	2071	<LOD	9.2	<LOD	40.3	<LOD	40.4	8.9	563
Higgs	4417	NC56	16	17.1	31491	<LOD	103	47	156	1427	<LOD	18.7	<LOD	12	<LOD	36.5	12	989
Higgs	4418	NC56	17.1	18	88291	<LOD	87	107	146	1194	<LOD	39.3	<LOD	<LOD	<LOD	51.5	9.4	4352
Higgs	4419	NC56	18	19	159607	<LOD	<LOD	411	104	689	<LOD	80.5	46	<LOD	<LOD	47	<LOD	598
Higgs	4420	NC56	19	20	98900	<LOD	<LOD	337	118	1020	<LOD	47.8	34	<LOD	<LOD	66	<LOD	587
Higgs	4421	NC56	20	21	153976	<LOD	185	431	86	1735	<LOD	77.3	39	<LOD	<LOD	72	<LOD	1302
Higgs	4422	NC56	21	22.2	69069	<LOD	621	<LOD	172	3069	<LOD	33.1	<LOD	48	<LOD	54	18.3	2277
Higgs	4423	NC56	22.2	23.3	40503	<LOD	450	11.2	146	2117	<LOD	20.1	<LOD	41	<LOD	36.1	41.5	3161
Higgs	4424	NC56	23.3	23.75	64361	15	768	56	132	2477	<LOD	30.4	<LOD	57	<LOD	34.7	41.6	4617
Higgs	4425	NC56	23.75	24.5	154438	<LOD	301	238	111	2351	<LOD	69.9	22	<LOD	<LOD	77	11	2109
Higgs	4427	NC56	24.5	25.5	190301	<LOD	641	<LOD	108	2398	<LOD	68.4	22	60	<LOD	67	9	2793
Higgs	4428	NC56	25.5	26.5	106117	<LOD	237	136	105	1799	<LOD	45.6	36	45	<LOD	65	10	1576
Higgs	4429	NC56	26.5	27.5	113894	<LOD	70	<LOD	98	1480	<LOD	36.9	49	28	<LOD	40	<LOD	1901
Higgs	4430	NC56	27.5	28.3	35861	<LOD	167	<LOD	158	1763	<LOD	13.1	<LOD	36	<LOD	39.3	16.6	1540
Higgs	4431	NC56	28.3	29.5	21802	13.3	162	9.9	159	2122	<LOD	9.1	<LOD	41	<LOD	31.7	10.4	1022
Higgs	4432	NC56	29.5	30.5	16982	18.5	133	9.5	262	2317	<LOD	7.2	<LOD	42	<LOD	33.9	5.4	679
Higgs	4433	NC56	30.5	31.4	11612	13.2	146	9.4	321	2528	<LOD	4.4	<LOD	53	<LOD	42.3	6.4	520
Higgs	4434	NC56	31.4	32.4	30097	<LOD	167	25	133	1781	<LOD	13.7	<LOD	36	<LOD	34.1	18.2	1356
Higgs	4435	NC56	32.4	32.9	60048	<LOD	42	<LOD	120	1764	<LOD	23.9	20	29	<LOD	68	<LOD	1621
Higgs	4436	NC56	32.9	34	22801	90	89	5.7	177	2112	<LOD	8.8	<LOD	35	<LOD	32	11.9	987
Higgs	4437	NC56	34	35	27683	649	44	<LOD	167	1229	<LOD	13.8	16	17.4	<LOD	34.2	3.7	203
Higgs	4438	NC56	35	36	8824	108	49	<LOD	134	1095	<LOD	4	15	18.8	<LOD	22	8.8	239
Higgs	4439	NC56	36	36.65	12587	<LOD	74	<LOD	205	1613	<LOD	5.1	<LOD	32.6	<LOD	39.6	5.3	430
Higgs	4440	NC56	36.65	36.9	38106	<LOD	62	<LOD	187	1716	<LOD	16.8	16	27	<LOD	82	9.4	849
Higgs	4441	NC56	36.9	38	8450	<LOD	68	<LOD	207	1153	<LOD	3.5	<LOD	<LOD		35.4	3	178
Higgs	4442	NC56	38	39	18131	<LOD	<LOD	<LOD	150	1285	<LOD	7.8	10	21.6	<LOD	41.1	3.9	487
Higgs	4443	NC56	39	40	9614	<LOD	36	<LOD	137	1076	<LOD	3.8	<LOD	18.9	<LOD	25	6.8	248
Higgs	4444	NC56	40	41	8420	<LOD	52	<LOD	130	802	<LOD	3.5	8	15.7	<LOD	24.9	6.4	254
Higgs	4445	NC56	41	42	5023	<LOD	135	<LOD	240	1704	<LOD	1.8	<LOD	27.1	<LOD	31.8	14	221
Higgs	4446	NC56	42	43	10769	<LOD	79	<LOD	234	1577	<LOD	4.7	<LOD	27.5	<LOD	44.3	12.1	442
Higgs	4447	NC56	43	44	14859	<LOD	124	34	186	1649	<LOD	6.2	<LOD	26.8	<LOD	26.2	9.1	621
Higgs	4448	NC56	44	45	36324	<LOD	58	<LOD	99	897	<LOD	15.5	21	13	<LOD	62	5.7	590
Higgs	4449	NC56	45	46	15377	<LOD	125	16	206	1626	<LOD	5.9	9.9	29.9	<LOD	23.2	9.7	636
Higgs	4450	NC56	46	47	36578	<LOD	74	30	101	942	<LOD	14.7	24	16	<LOD	68	4.7	570
Higgs	4452	NC56	47	47.9	59249	<LOD	53	<LOD	122	1780	<LOD	23.8	19	24	<LOD	57	6.7	1188
Higgs	4453	NC56	47.9	49	11982	29.9	92	6.7	133	1406	<LOD	5.2	<LOD	31.4	<LOD	24.1	4.5	287
Higgs	4454	NC56	49	50	7924	10.8	100	<LOD	123.6	1023	<LOD	3.4	<LOD	24.9	<LOD	16.1	4.7	202
Higgs	4455	NC56	50	51	11675	<LOD	129	<LOD	136	1689	<LOD	5.3	<LOD	38	<LOD	32.8	5.1	227
Higgs	4456	NC56	51	52	10647	<LOD	89	<LOD	208	1471	<LOD	4.2	<LOD	31.8	<LOD	27.8	4.6	290
Higgs	6752	NC57	10.4	11.4	10201	<LOD	138	4.2	191	1750	<LOD	4.1	<LOD	42.7	<LOD	30.9	10.4	711
Higgs	6753	NC57	11.4	12.5	12835	<LOD	121	6.2	175	1702	<LOD	4.9	<LOD	33.4	<LOD	23.8	7.7	565
Higgs	6754	NC57	12.5	13.3	111681	13.1	<LOD	<LOD	138	1265	<LOD	43.4	<LOD	<LOD	<LOD	24.7	3.9	2604
Higgs	6755	NC57	13.3	14.3	43222	<LOD	112	7.4	148	2026	<LOD	16	<LOD	38	<LOD	30.8	8.1	3074
Higgs	6756	NC57	14.3	14.9	17226	17.2	199	10.5	185	1857	<LOD	6.7	<LOD	50	<LOD	32	11.6	1482

Prospect	sample_no	hole_id	from_m	to_m	Fe_ppm_xrf	As_ppm_xrf	Ba_ppm_xrf	Ta_ppm_xrf	Zr_ppm_xrf	Ti_ppm_xrf	Ni_ppm_xrf	Co_ppm_xrf	Sb_ppm_xrf	V_ppm_xrf	Sc_ppm_xrf	Y_ppm_xrf	Sr_ppm_xrf	Mn_ppm_xrf
Higgs	6757	NC57	17.2	18.2	17688	18.4	136	10.2	211	1809	<LOD	8.1	<LOD	38.6	<LOD	29.5	7.4	503
Higgs	6758	NC57	18.2	18.5	29044	<LOD	132	4.3	218	1603	<LOD	13.1	<LOD	31	<LOD	30.9	8.5	693
Higgs	6759	NC57	18.5	19.5	147801	27	<LOD	5.9	106	989	<LOD	50.4	<LOD	<LOD	27	30.6	7.4	2477
Higgs	6760	NC57	19.5	20.5	11681	<LOD	140	7	190	1772	<LOD	4.8	<LOD	40.8	<LOD	36.4	7.5	533
Higgs	6761	NC57	20.5	21.6	15996	<LOD	138	15.2	185	1675	<LOD	8.7	<LOD	34.9	<LOD	30.6	7.9	653
Higgs	6762	NC57	21.6	22.6	87716	<LOD	57	666	153	1263	<LOD	42.5	39	<LOD	<LOD	88	<LOD	1268
Higgs	6763	NC57	22.6	23.6	116759	<LOD	79	1390	124	793	<LOD	54.4	56	<LOD	<LOD	42	<LOD	777
Higgs	6764	NC57	23.6	24.6	94251	<LOD	<LOD	168	68	686	<LOD	48.6	18	<LOD	<LOD	45.6	4.5	559
Higgs	6765	NC57	24.6	25.5	45376	<LOD	139	84	95	994	<LOD	22	<LOD	<LOD	<LOD	37.8	10.6	1662
Higgs	6766	NC57	25.5	26.5	16566	8.7	145	8.2	191	1765	<LOD	8.6	<LOD	26.2	<LOD	25.9	13.6	615
Higgs	6767	NC57	26.5	27.5	19752	15	166	8.4	207	1929	<LOD	10.2	<LOD	35	<LOD	31.6	11.5	725
Higgs	6768	NC57	27.5	27.9	32519	12	183	5.8	198	1549	<LOD	17.5	<LOD	26	<LOD	33.2	12.9	741
Higgs	6769	NC57	27.9	28.2	123030	66	98	13.8	45.5	452	<LOD	56.6	<LOD	<LOD	79	17.7	8.6	4621
Higgs	6770	NC57	28.2	29.2	77009	36	57	13.5	76.6	895	<LOD	34.2	<LOD	<LOD	74	17.3	9.1	5405
Higgs	6771	NC57	29.2	30.2	12023	28.1	193	6.7	189	1699	<LOD	6.9	<LOD	37.4	<LOD	35.3	21.3	575
Higgs	6772	NC57	30.2	31.2	10930	44.5	286	10.4	215	2280	<LOD	5.8	<LOD	55	<LOD	43.8	32.8	445
Higgs	6773	NC57	31.2	32.3	18425	27.7	180	4.3	154	1409	<LOD	10.7	<LOD	25.7	<LOD	27.6	17.3	543
Higgs	6774	NC57	32.3	33.3	67370	32	100	10.4	127	950	<LOD	31.3	<LOD	<LOD	51	22	13.9	5269
Higgs	6775	NC57	33.3	34.3	63443	15.3	79	9.9	135	895	<LOD	30	<LOD	<LOD	26	18.7	8.3	5375
Higgs	6777	NC57	34.3	35.3	112109	24.7	36	11.6	61.6	552	<LOD	40.6	<LOD	<LOD	50	17.9	6	9027
Higgs	6778	NC57	35.3	36.3	102981	17.3	<LOD	8.3	82	570	<LOD	39.5	<LOD	<LOD	60	21.2	5.2	7592
Higgs	6779	NC57	36.3	37.3	120911	10.3	46	9.5	59.3	527	<LOD	49.2	<LOD	<LOD	77	19	4.9	8862
Higgs	6780	NC57	37.3	38.1	52458	19.1	187	10.9	90	1720	<LOD	24.5	<LOD	22	44	29.9	25.7	4001
Higgs	6781	NC57	38.1	38.7	32787	23.3	287	12.1	146	2277	<LOD	16.8	<LOD	37	15	34.7	44.9	2129
Higgs	6782	NC57	38.7	39.7	31239	41.4	282	10	146	2695	<LOD	16.4	<LOD	43	<LOD	35.5	40.4	1734
Higgs	6783	NC57	39.7	40.7	77222	30	206	15.5	152	2706	<LOD	34.5	<LOD	15	<LOD	33.1	23	4343
Higgs	6784	NC57	40.7	41.3	202532	19	<LOD	21	95	1156	<LOD	60.7	<LOD	<LOD	97	41	8.9	9339
Higgs	6785	NC57	41.3	42.3	80592	29	177	15.2	108	1739	<LOD	33.5	<LOD	<LOD	78	34.1	28.8	7064
Higgs	6786	NC57	42.3	43.3	61506	9.5	111	10.3	131	1173	<LOD	28.6	<LOD	<LOD	87	27.3	13.4	5576
Higgs	6787	NC57	43.3	44.3	39736	13.2	85	7.8	111	944	<LOD	19.3	<LOD	<LOD	45	25.5	11.5	3787
Higgs	6788	NC57	44.3	44.8	19877	10	146	5.3	134	945	<LOD	10.6	<LOD	12	14	29.7	20.9	1364
Higgs	6789	NC57	44.8	45.8	18706	10.5	390	7	195	1972	<LOD	9.6	<LOD	40	<LOD	32.3	25.5	732
Higgs	6790	NC57	45.8	46.1	19738	16.4	264	9.2	183	2197	<LOD	10.8	<LOD	42	<LOD	33.4	22.9	409
Higgs	6791	NC57	46.1	47.1	19228	5.2	83	4.6	219	2166	<LOD	9.4	<LOD	25.3	<LOD	28.9	4.7	402
Higgs	6792	NC57	47.1	47.7	17906	14.8	165	8.8	184	2364	<LOD	9.4	<LOD	38	<LOD	35.2	11	279
Higgs	6793	NC57	47.7	48.7	12881	9.8	46	3.1	217	1598	<LOD	7.2	<LOD	20	<LOD	26.1	3.9	249
Higgs	6794	NC57	48.7	49.4	13058	15.2	224	12.1	236	2543	<LOD	7.1	<LOD	59	<LOD	50.2	17	485
Higgs	6795	NC57	49.4	50.4	32176	10.7	260	6.4	136	1702	<LOD	15.1	<LOD	28	<LOD	23.9	21.1	2547
Higgs	6796	NC57	50.4	51.5	32884	<LOD	62	33	166	2055	<LOD	16.4	<LOD	16	<LOD	34.7	4.5	1382
Higgs	6797	NC57	51.5	52.5	14116	43	37	12.5	171	1274	<LOD	7.3	5.9	14.4	<LOD	22.2	3.3	391
Higgs	6798	NC57	52.5	53	11513	<LOD	43	20	185	1239	<LOD	6.2	6.9	16.1	<LOD	25.6	3.3	276
Higgs	6799	NC57	53	54.1	27237	<LOD	56	171	84	955	<LOD	13.6	14	8.4	<LOD	49	<LOD	696
Higgs	6800	NC57	54.1	54.4	34548	<LOD	59	196	98	1104	<LOD	16.4	16	15	<LOD	74	<LOD	757
Higgs	6802	NC57	54.4	54.5	14874	37	81	9.4	265	1597	<LOD	6.3	<LOD	32.1	<LOD	35.4	3.9	378
Higgs	6803	NC57	54.5	55.5	13088	<LOD	44	18	188	1350	<LOD	5.8	<LOD	20	<LOD	28.9	4.5	368
Higgs	6804	NC57	55.5	56.5	18223	<LOD	56	<LOD	173	1454	<LOD	8.1	<LOD	21.1	<LOD	36.7	4.1	460
Higgs	6805	NC57	56.5	57.5	5562	12.7	58	<LOD	79.5	500	<LOD	2	<LOD	9.2	<LOD	10.9	3.6	200
Higgs	6806	NC57	57.5	58.5	16776	<LOD	51	<LOD	146	1108	<LOD	6.8	<LOD	19.2	<LOD	20.8	4.5	597
Higgs	6807	NC57	58.5	59.5	16496	<LOD	50	<LOD	216	1608	<LOD	6.3	<LOD	20.5	<LOD	29.3	4	668
Higgs	6808	NC57	59.5	60.5	15771	<LOD	28	<LOD	221	1664	<LOD	6.6	<LOD	20.3	<LOD	41.5	5.4	364
Higgs	6809	NC57	60.5	61.5	30797	54	<LOD	6.5	117	950	<LOD	11.2	<LOD	7.4	<LOD	18.5	3.9	2244
Higgs	6810	NC57	61.5	62.5	27556	50	37	6	145	1088	<LOD	11	<LOD	12.4	<LOD	18.5	4.7	1451
Higgs	6811	NC57	62.5	63.5	33486	<LOD	52	<LOD	198	1832	<LOD	13.3	<LOD	28	<LOD	44.3	4.4	889
Higgs	6812	NC57	63.5	64.5	38751	31	40	41	114	1493	<LOD	15.6	11	30	<LOD	24.2	3.9	991
Higgs	6813	NC57	64.5	65	40690	<LOD	69	<LOD	142	2158	<LOD	17.4	19	39	<LOD	65	7.4	910
500 Lode	6814	NC58	1.7	2.7	107084	17.6	76	9.4	154	831	<LOD	38.4	<LOD	<LOD	<LOD	27.2	7.6	3689
500 Lode	6815	NC58	2.7	3.7	53470	19.5	280	18.1	146	1811	<LOD	22.6	<LOD	43	<LOD	26.8	22	2208
500 Lode	6816	NC58	3.7	4.7	38893	26.2	418	12.9	149	2399	<LOD	15.7	<LOD	72	<LOD	30.7	31.9	1458
500 Lode	6817	NC58	4.7	5.3	63262	15	404	13.3	124	1757	<LOD	27.1	<LOD	44	<LOD	31.7	28	1472

Prospect	sample_no	hole_id	from_m	to_m	Fe_ppm_xrf	As_ppm_xrf	Ba_ppm_xrf	Ta_ppm_xrf	Zr_ppm_xrf	Ti_ppm_xrf	Ni_ppm_xrf	Co_ppm_xrf	Sb_ppm_xrf	V_ppm_xrf	Sc_ppm_xrf	Y_ppm_xrf	Sr_ppm_xrf	Mn_ppm_xrf
500 Lode	6818	NC58	5.3	6.3	88225	13.9	364	12	114	1948	<LOD	36.3	<LOD	39	<LOD	32.7	16.7	979
500 Lode	6819	NC58	6.3	7.3	158706	17.3	128	13.5	117	1167	<LOD	64.6	<LOD	12	<LOD	33.5	11.4	1160
500 Lode	6820	NC58	7.3	8.3	121941	7.6	326	15.5	141	2370	<LOD	52.1	<LOD	39	<LOD	21.4	25.7	573
500 Lode	6821	NC58	8.3	8.7	161094	19.9	721	38	65	1800	<LOD	57.9	<LOD	50	<LOD	70	11.6	2661
500 Lode	6822	NC58	8.7	9.7	30943	52	121	5.7	133	1275	<LOD	15.4	<LOD	22	<LOD	24.7	7.8	545
500 Lode	6823	NC58	9.7	10.7	16205	66.7	205	<LOD	219	1705	<LOD	6.4	<LOD	35.7	<LOD	22.8	13.5	594
500 Lode	6824	NC58	10.7	11.7	29892	42	49	<LOD	111	960	<LOD	12.2	6.6	15.7	<LOD	16.3	6	731
500 Lode	6825	NC58	17	17.9	19443	15.6	111	7.5	60.5	116	<LOD	8.5	<LOD	10.1	<LOD	144.7	11.7	557
500 Lode	6827	NC58	17.9	18.1	10690	9.8	337	16.6	61.4	188	<LOD	4.8	<LOD	21.7	<LOD	113.1	13.6	455
500 Lode	6828	NC58	19.55	20.2	24131	9.5	68	6.7	164	888	<LOD	9.8	<LOD	15	<LOD	18.2	7.7	1541
500 Lode	6829	NC58	20.2	21.2	16672	9.7	142	3.5	188	1004	<LOD	7.5	<LOD	22.7	<LOD	24.5	18.8	1070
500 Lode	6830	NC58	21.2	22.2	21148	9.2	171	5.3	201	1645	<LOD	9.7	<LOD	39	<LOD	26	14	1021
500 Lode	6831	NC58	22.2	23.2	15363	<LOD	236	8.7	158	1877	<LOD	8.1	<LOD	37.8	<LOD	27.4	11.7	545
500 Lode	6832	NC58	23.2	24.2	13051	8	131	<LOD	115.1	884	<LOD	8.4	<LOD	19.2	<LOD	15.4	15	462
500 Lode	6833	NC58	24.2	25.2	11560	6.8	155	5.8	131	1379	<LOD	5.9	<LOD	29.5	<LOD	24	15.1	496
500 Lode	6834	NC58	25.2	26.2	32232	9.4	171	4.9	141	1425	<LOD	17.1	<LOD	21	<LOD	27.4	43.3	2299
500 Lode	6857	NC59	0	3	13343	24.2	330	7.9	188	1638	<LOD	6.1	<LOD	44.8	<LOD	32.7	9.9	734
500 Lode	6858	NC59	3	4	26558	55	376	11.7	172	1648	<LOD	11.9	<LOD	50	<LOD	32.5	23.8	781
500 Lode	6859	NC59	4	6	12983	17.3	266	10.5	227	1721	<LOD	6	<LOD	40.9	<LOD	33.1	13.7	468
500 Lode	6860	NC59	5	6	7221	9	124	4.6	188	1313	<LOD	3.3	<LOD	30.5	<LOD	28.7	9.6	210
500 Lode	6861	NC59	6	7	12745	43.7	93	7.4	202	1466	<LOD	6.2	<LOD	31	<LOD	32.4	7.2	237
500 Lode	6862	NC59	7	8	6059	39.7	129	8.6	210	1640	<LOD	2.6	<LOD	37.7	<LOD	37.3	9.1	166
500 Lode	6863	NC59	8	9	6653	29	48	6.4	252	1369	<LOD	4	<LOD	26.2	<LOD	33.4	6.7	136
500 Lode	6864	NC59	9	10	31059	376	30	9.5	211	1421	<LOD	18.7	<LOD	27	<LOD	34.8	11	176
500 Lode	6835	NC59	10	11	16498	123.8	32	3.3	115.7	966	<LOD	10.4	<LOD	8.7	<LOD	15.5	2.6	125
500 Lode	6836	NC59	11	12	38799	276	46	12.6	175	1626	<LOD	25.8	9	17	<LOD	31.6	7.4	196
500 Lode	6837	NC59	12	12.7	48972	65.5	43	8.8	160	1564	<LOD	32.5	<LOD	16	<LOD	28.2	8.1	216
500 Lode	6838	NC59	12.7	13.7	22269	130.7	107	34.4	130	1168	<LOD	13.8	<LOD	16.6	<LOD	21.4	3.8	362
500 Lode	6839	NC59	13.7	14.7	11066	63.6	105	10.7	256	2083	<LOD	7	<LOD	42.2	<LOD	44.2	9.6	279
500 Lode	6840	NC59	14.7	15.7	20501	51.4	165	7.6	158	1438	<LOD	10	<LOD	30.5	<LOD	25.3	6.4	294
500 Lode	6841	NC59	15.7	16.7	10537	29	79	5.5	144	1211	<LOD	4.6	<LOD	22.2	<LOD	19.1	6.3	185
500 Lode	6842	NC59	16.7	17.7	19696	237	83	7.3	133	1114	<LOD	9.8	6.7	22.1	<LOD	13.4	4.4	343
500 Lode	6872	NC59	17.7	18.5	14361	21.1	84	8.9	290	1212	<LOD	7.1	<LOD	16.6	<LOD	22.3	5.2	682
500 Lode	6873	NC59	18.5	19.5	16392	18	164	4	118.9	1126	<LOD	8.3	<LOD	19.8	<LOD	28	13.6	805
500 Lode	6874	NC59	19.5	20.5	14528	16.9	85	5.4	165	1017	<LOD	7.2	<LOD	16.6	<LOD	20.8	8.5	1096
500 Lode	6875	NC59	20.5	21.5	24809	12.4	85	3.8	181	1287	<LOD	11.2	6.5	17.7	<LOD	28.6	7.7	2163
500 Lode	6876	NC59	21.5	22.5	6895	25.4	36	4	167	1154	<LOD	3.3	<LOD	20	<LOD	20.1	6.1	282
500 Lode	6877	NC59	22.5	23.5	8116	19.5	65	10.7	156	1055	<LOD	4.4	<LOD	17.7	<LOD	20.3	6.9	262
500 Lode	6878	NC59	23.5	24.5	6520	<LOD	41	32	90.9	570	<LOD	3.4	<LOD	10.4	<LOD	19.1	9.5	217
500 Lode	6843	NC59	24.5	25.5	10385	19.3	122	<LOD	120.4	787	<LOD	4.5	<LOD	18.7	<LOD	13.9	6.5	371
500 Lode	6844	NC59	25.5	26.5	8089	<LOD	41	<LOD	100.3	644	<LOD	3.6	<LOD	13.6	<LOD	18.5	4.9	307
500 Lode	6845	NC59	26.5	27.2	11260	<LOD	86	<LOD	159	1337	<LOD	4.6	<LOD	30.9	<LOD	21.9	7.8	490
500 Lode	6846	NC59	27.2	28.2	13832	9.7	125	<LOD	170	945	<LOD	5.4	<LOD	21.8	<LOD	19.6	18.4	869
500 Lode	6847	NC59	28.2	29.2	14590	16.6	113	<LOD	305	1264	<LOD	6.7	<LOD	25.1	<LOD	23.1	35	1004
500 Lode	6848	NC59	29.2	30	13775	6.7	112	<LOD	211	837	<LOD	5.8	<LOD	17.7	<LOD	17.1	41.8	1202
500 Lode	6849	NC59	30	30.65	29941	<LOD	87	<LOD	194	1266	<LOD	12.9	<LOD	19.3	<LOD	22.9	4.9	809
500 Lode	6850	NC59	30.65	31.65	22260	<LOD	85	5.8	129	643	<LOD	9.6	<LOD	14.2	<LOD	18.8	19.5	1825
500 Lode	6852	NC59	31.65	32.1	24942	8.1	127	5.3	182	959	<LOD	11.4	<LOD	18.4	<LOD	24.2	15.4	1277
500 Lode	6853	NC59	32.1	33.1	21846	5.8	135	7.2	190	1403	<LOD	10.2	<LOD	30.5	<LOD	24.7	14.7	689
500 Lode	6854	NC59	33.1	34.3	18124	53.9	128	7.2	158	1207	<LOD	8.5	<LOD	30.8	<LOD	26	11.8	495
500 Lode	6855	NC59	34.3	35.1	34587	5.6	231	16	157	1469	<LOD	15.8	<LOD	31	<LOD	26.5	21.9	1561
500 Lode	6856	NC59	35.1	36.1	9754	11.4	277	4.4	118	1179	<LOD	4.3	<LOD	32.8	<LOD	24	10.6	421
500 Lode	6865	NC59	36.1	37.1	9066	19.1	66	4.1	129	939	<LOD	5.1	<LOD	17.7	<LOD	20.7	7.7	346
500 Lode	6866	NC59	37.1	38.1	8805	10.1	66	3.3	119	907	<LOD	4.9	<LOD	17.5	<LOD	14	6.1	276
500 Lode	6867	NC59	38.1	39.1	15843	21.1	120	7.8	155	1871	<LOD	9.1	<LOD	38.1	<LOD	38.7	8.4	371
500 Lode	6868	NC59	39.1	40.1	12080	<LOD	66	4.5	216	1170	<LOD	6.5	<LOD	19	<LOD	24.8	5.5	331
500 Lode	6869	NC59	40.1	41.1	7754	7.3	83	<LOD	205	1338	<LOD	4.2	<LOD	23.7	<LOD	23.9	5.9	273
500 Lode	6870	NC59	41.3	42.3	6473	11.1	121	10.1	253	1944	<LOD	3.4	<LOD	36.5	<LOD	32.2	6.5	277
500 Lode	6871	NC59	42.3	42.5	4596	10.6	251	15.9	156	2715	<LOD	2.2	<LOD	66	<LOD	44.8	7.5	211

Prospect	sample_no	hole_id	from_m	to_m	Fe_ppm_xrf	As_ppm_xrf	Ba_ppm_xrf	Ta_ppm_xrf	Zr_ppm_xrf	Ti_ppm_xrf	Ni_ppm_xrf	Co_ppm_xrf	Sb_ppm_xrf	V_ppm_xrf	Sc_ppm_xrf	Y_ppm_xrf	Sr_ppm_xrf	Mn_ppm_xrf
Three Sisters	4458	NC60	0	1.5	41688	345	62	16.5	174	1802	<LOD	25.4	<LOD	18	<LOD	19.5	11.3	382
Three Sisters	4460	NC60	1.5	3	38961	177	126	13.5	198	2031	<LOD	23.9	<LOD	28	<LOD	25.8	8.6	495
Three Sisters	4461	NC60	3	3.85	34540	85	40	5.7	71.7	985	<LOD	21.4	<LOD	<LOD	<LOD	32.9	9.7	321
Three Sisters	4462	NC60	3.85	4.05	8585	48.4	<LOD	3.6	56.9	407	<LOD	5.1	<LOD	13.7	<LOD	47.2	7.7	241
Three Sisters	4463	NC60	4.05	5	5920	34.5	<LOD	<LOD	53.7	402	<LOD	4	<LOD	<LOD	<LOD	6.4	6.2	143
Three Sisters	4464	NC60	5	6	9866	23.8	29	4.9	147	906	<LOD	5.7	<LOD	11.6	<LOD	13.4	7	286
Three Sisters	4465	NC60	6	7	12309	39.1	28	3.9	113.6	764	<LOD	7.4	<LOD	8.8	<LOD	12.8	7.9	260
Three Sisters	4466	NC60	7	7.8	12963	20.4	<LOD	3.5	41.9	449	<LOD	7.8	<LOD	<LOD	<LOD	10.8	4.5	323
Three Sisters	4467	NC60	7.8	8.8	10006	11.4	32	12.4	95.6	266	<LOD	6.3	<LOD	<LOD	<LOD	100.6	7.6	319
Three Sisters	4468	NC60	8.8	8.95	6812	16.1	<LOD	9.7	89.5	226	<LOD	4.3	<LOD	<LOD	<LOD	69.2	5.5	201
Three Sisters	4469	NC60	9.95	10.4	8802	9.1	<LOD	5.1	216	870	<LOD	5.8	<LOD	8.5	<LOD	12.3	5.4	292
Three Sisters	4470	NC60	10.4	11.4	7259	11	47	<LOD	88.6	727	<LOD	4.5	<LOD	12.7	<LOD	24.8	10.3	266
Three Sisters	4471	NC60	11.4	12.4	11844	15.7	52	4.6	160	1286	<LOD	7.2	<LOD	25	<LOD	29.3	7.8	387
Three Sisters	4472	NC60	12.4	13.1	7985	21.1	203	6	231	1773	<LOD	5	<LOD	50.3	<LOD	66.9	42.1	355
Three Sisters	4473	NC60	13.1	14	19881	38.6	227	10	192	1967	<LOD	13	<LOD	45	<LOD	78.8	27.4	498
Three Sisters	4474	NC60	14	15	15742	29.1	181	9.3	191	1753	<LOD	10.2	<LOD	40	<LOD	55.2	28.6	485
Three Sisters	4475	NC60	15	15.8	29283	70.3	222	16.2	163	1499	<LOD	17.4	<LOD	23	<LOD	70.4	14.5	551
Three Sisters	4476	NC60	15.8	16.6	20930	71.6	83	9.1	182	1540	<LOD	13.5	<LOD	28.3	<LOD	56.9	8.4	623
Three Sisters	4477	NC60	16.6	17.3	49516	113.1	53	7	197	1561	<LOD	30.7	<LOD	<LOD	<LOD	54.4	7	676
Three Sisters	4478	NC60	17.3	17.8	52612	678	515	9.4	129	1774	<LOD	33.5	<LOD	26	<LOD	41.2	29.7	717
Three Sisters	4479	NC60	17.8	18.8	21228	18.3	312	12.3	171	2158	<LOD	14	<LOD	50	<LOD	52.1	46.1	417
Three Sisters	4480	NC60	18.8	19.8	29331	25.9	339	14.4	168	2344	<LOD	18.4	<LOD	42	<LOD	38.8	23	457
Three Sisters	4481	NC60	19.8	20.9	28577	15.7	371	14	152	2259	<LOD	19	<LOD	48	<LOD	48.5	23.7	596
Three Sisters	4482	NC60	20.9	22	26278	7.4	239	12.1	127	1426	<LOD	16.1	<LOD	26	<LOD	42.6	44.2	1130
Three Sisters	4483	NC60	22	23	23602	7.6	299	15.2	152	1844	<LOD	14.3	<LOD	36	<LOD	42	43.1	681
Three Sisters	4485	NC60	23	24	21795	5.7	173	8.2	158	1204	<LOD	11.2	<LOD	27.2	<LOD	37.7	33.3	699
Three Sisters	4486	NC60	24	25	25419	<LOD	169	7.1	168	1413	<LOD	12.9	<LOD	30	<LOD	31.4	23.5	442
Three Sisters	4487	NC60	25	26	21563	3.7	143	6.8	139	1141	<LOD	10.4	<LOD	21	<LOD	26.3	15	602
Three Sisters	4488	NC60	26	27	19690	<LOD	128	6	114.2	983	<LOD	10	<LOD	19.3	<LOD	26.8	18.1	602
Three Sisters	4489	NC60	27	28	15026	<LOD	131	5.8	182	1075	<LOD	8	<LOD	24	<LOD	30.3	22.2	499
Three Sisters	4490	NC60	28	29	22292	7.5	94	7.6	169	1028	<LOD	11.1	<LOD	19.7	<LOD	32.4	25.2	827
Three Sisters	4491	NC60	29	30	15886	4	74	4.1	188	865	<LOD	8.3	<LOD	15.4	<LOD	26.8	18.5	620
Three Sisters	4492	NC60	30	30.6	21819	<LOD	117	5.2	169	1037	<LOD	11.1	<LOD	19.3	<LOD	25.3	10.9	772
Three Sisters	4493	NC60	30.6	31	158419	<LOD	51	<LOD	112	807	<LOD	75.4	<LOD	<LOD	<LOD	23.2	10.2	1099
Three Sisters	4494	NC60	31	32	51175	<LOD	75	6.2	271	1285	<LOD	25.9	<LOD	10	<LOD	29.1	7.9	1284
Three Sisters	4495	NC60	32	33	43307	4.1	64	3.2	176	920	<LOD	21.2	<LOD	9	<LOD	27.2	8.7	1136
Three Sisters	4496	NC60	33	34	36759	3.9	135	7.4	133	1249	<LOD	17.4	<LOD	28	<LOD	28	14.5	1135
Three Sisters	4497	NC60	34	35	27505	6.7	229	11.4	180	1755	<LOD	14.1	<LOD	36	<LOD	36	20.4	667
Three Sisters	4498	NC60	35	35.8	27692	6	278	11.4	137	1596	<LOD	14.3	<LOD	31	<LOD	35	31.9	518
Three Sisters	4499	NC60	35.8	36.15	41527	11.3	92	9.3	101	1010	<LOD	22.3	<LOD	18	<LOD	31.7	44.4	1189
Three Sisters	4500	NC60	36.15	36.6	28534	5	192	12.5	196	1833	<LOD	14.9	<LOD	37	<LOD	35	16.3	828
Three Sisters	4951	NC60	36.6	37.6	19155	3.7	106	8.6	127	1252	<LOD	9.5	<LOD	26.4	<LOD	29.6	7.3	715
Three Sisters	4952	NC60	37.6	38.6	20850	7.2	173	7.7	177	1341	<LOD	11	<LOD	25.5	<LOD	36.9	13.1	716
Three Sisters	4953	NC60	38.6	39.6	22524	6.5	190	8.8	170	1365	<LOD	11.5	<LOD	26.4	<LOD	30.1	12.3	779
Three Sisters	4954	NC60	39.6	40.6	40579	3.4	<LOD	<LOD	97.1	797	<LOD	18.8	<LOD	9	<LOD	15.4	4.7	909
Three Sisters	4955	NC60	40.6	41.6	30478	5.4	<LOD	<LOD	88.1	604	<LOD	15.1	<LOD	5.6	<LOD	12.6	5.8	798
Three Sisters	4956	NC60	41.6	42.6	36298	6.1	43	4.4	148	881	<LOD	18.1	<LOD	<LOD	<LOD	19.1	5.3	855
Three Sisters	4957	NC60	42.6	43.6	73810	6.3	38	9.3	116	778	<LOD	32.9	<LOD	<LOD	<LOD	19.6	8.9	1489
Three Sisters	4958	NC60	43.6	44.6	50606	6	<LOD	10.6	239	1184	<LOD	23.6	<LOD	8	<LOD	26.7	8.7	1168
Three Sisters	4960	NC60	44.6	45.05	18980	4.8	<LOD	<LOD	142	516	<LOD	9.6	<LOD	<LOD	<LOD	12.7	7	625
Three Sisters	5407	NC61	0	1.5	22548	8.4	50	10.2	175	1594	<LOD	11.2	<LOD	28.8	<LOD	21.4	9	350
Three Sisters	5408	NC61	1.5	3.75	42663	9	147	17.3	190	2367	<LOD	21	<LOD	46	<LOD	35.8	12.6	930
Three Sisters	5409	NC61	3.75	5	34844	9.2	123	14.7	172	2219	<LOD	18.3	<LOD	44	<LOD	48.2	6.8	654
Three Sisters	5410	NC61	5	6	35140	9.7	131	13.8	187	1978	<LOD	19.4	<LOD	47	<LOD	49.5	7.7	523
Three Sisters	5411	NC61	6	6.4	29941	9.1	110	11.6	217	1512	<LOD	16.6	<LOD	23	<LOD	26.1	11.8	702
Three Sisters	5412	NC61	6.4	7.4	29113	<LOD	188	12.7	166	1544	<LOD	16.2	<LOD	37	<LOD	52.7	25.5	791
Three Sisters	5413	NC61	7.4	7.9	27719	3.2	219	8.5	196	1686	<LOD	14.3	<LOD	36	<LOD	38.4	22.7	786
Three Sisters	5414	NC61	7.9	8.9	23818	3.3	138	6.6	135	1242	<LOD	12.4	<LOD	24.1	<LOD	24.9	9.8	698
Three Sisters	5415	NC61	8.9	9.9	26127	<LOD	146	4.2	128	1411	<LOD	12.3	<LOD	26	<LOD	23.4	12	819

Prospect	sample_no	hole_id	from_m	to_m	Fe_ppm_xrf	As_ppm_xrf	Ba_ppm_xrf	Ta_ppm_xrf	Zr_ppm_xrf	Ti_ppm_xrf	Ni_ppm_xrf	Co_ppm_xrf	Sb_ppm_xrf	V_ppm_xrf	Sc_ppm_xrf	Y_ppm_xrf	Sr_ppm_xrf	Mn_ppm_xrf
Three Sisters	5416	NC61	9.9	11.9	18620	4.9	140	7	168	1430	<LOD	9.7	<LOD	30	<LOD	31.8	15.7	620
Three Sisters	5417	NC61	11.9	12.9	30225	3.3	57	6.1	172	1087	<LOD	15.8	<LOD	17.1	<LOD	30.4	7.5	867
Three Sisters	5418	NC61	12.9	13.9	29470	<LOD	60	6	180	1210	<LOD	14	<LOD	17.6	<LOD	25.1	8.6	892
Three Sisters	5419	NC61	13.9	14.7	61632	7.3	<LOD	9.6	145	959	<LOD	30.6	<LOD	8	<LOD	22.1	7.7	1103
Three Sisters	5420	NC61	14.7	15	49786	<LOD	<LOD	<LOD	424	681	87	23.6	<LOD	6.6	<LOD	88	<LOD	878
Three Sisters	5421	NC61	15	16	29429	<LOD	149	8.5	179	1351	<LOD	13.6	<LOD	23	<LOD	31.4	13.9	954
Three Sisters	5422	NC61	16	17	35173	<LOD	77	5.3	171	1083	<LOD	18.1	<LOD	10	<LOD	28.2	11.6	906
Three Sisters	5423	NC61	17	18	38502	5.2	<LOD	10	144	1127	<LOD	23.6	<LOD	<LOD	<LOD	40	7.9	1110
Three Sisters	5424	NC61	18	19	27173	<LOD	239	10.7	130	1687	<LOD	16.6	<LOD	30	<LOD	32.4	29.6	1115
Three Sisters	5425	NC61	19	20	25552	<LOD	292	9.6	178	1692	<LOD	16.4	<LOD	27	<LOD	39.5	21.7	974
Three Sisters	5426	NC61	20	21	32949	<LOD	188	9.1	202	1709	<LOD	20	<LOD	17	<LOD	40.1	11.7	1027
Three Sisters	5427	NC61	21	22	33561	<LOD	155	9.5	129	1400	<LOD	20	<LOD	14	<LOD	31.2	10.6	842
Three Sisters	5428	NC61	22	23	22244	<LOD	182	7.3	147	1372	<LOD	13.9	<LOD	18.3	<LOD	34.4	12.4	786
Three Sisters	5429	NC61	23	24	24408	<LOD	171	10.6	147	1346	<LOD	14.5	<LOD	17	<LOD	38.9	14.5	885
Three Sisters	5430	NC61	24	25	24261	<LOD	238	9.1	180	1483	<LOD	14.3	<LOD	23	<LOD	37	18.8	883
Three Sisters	5431	NC61	25	26	26579	<LOD	61	6.7	90.6	799	<LOD	16.6	<LOD	<LOD	<LOD	19.4	7.4	873
Three Sisters	5433	NC61	26	27.1	26524	<LOD	32	6.4	88.9	648	<LOD	16.1	<LOD	<LOD	<LOD	18.1	7.3	806
Three Sisters	5434	NC61	27.1	28.1	56468	15.6	<LOD	9.9	165	995	<LOD	33.3	<LOD	<LOD	<LOD	29.3	6.4	1443
Three Sisters	5435	NC61	28.1	29.1	79653	5.1	<LOD	11.6	61.4	571	<LOD	47.5	<LOD	<LOD	<LOD	25.6	7.5	1541
Three Sisters	5436	NC61	29.1	30.1	68557	<LOD	41	9.4	123	849	<LOD	40.5	<LOD	<LOD	<LOD	28.5	9.7	1193
Three Sisters	5437	NC61	30.1	30.6	48846	12.2	56	7	302	1288	<LOD	30.3	<LOD	<LOD	<LOD	31.1	8	1106
Three Sisters	5438	NC61	30.6	31.6	18312	3	<LOD	<LOD	93.5	453	<LOD	10.9	<LOD	<LOD	<LOD	17.6	4.6	587
Three Sisters	5439	NC61	31.6	32.6	28563	4	26	6.6	165	910	<LOD	17.5	<LOD	<LOD	<LOD	16.1	6.2	793
Three Sisters	5440	NC61	32.6	33.3	21076	9.6	29	3.2	172	892	<LOD	13.4	<LOD	<LOD	<LOD	18.5	5.2	664
Three Sisters	5441	NC61	33.3	34.3	11196	3.4	<LOD	<LOD	33.9	223	<LOD	6.5	<LOD	<LOD	<LOD	9.6	5.1	376
Three Sisters	5442	NC61	34.3	35	36649	7.6	<LOD	16	115	853	<LOD	22.5	<LOD	<LOD	<LOD	20.4	7.9	1125
Three Sisters	5443	NC61	35	36	48694	7.7	<LOD	23.4	136	953	<LOD	28.2	<LOD	<LOD	<LOD	28.2	11.2	2210
Three Sisters	5444	NC61	36	37	23897	<LOD	<LOD	5.6	84	485	<LOD	15.4	<LOD	<LOD	<LOD	21.2	10.4	1708
Three Sisters	5445	NC61	37	38	22830	3.6	<LOD	5	189	879	<LOD	14.8	<LOD	<LOD	<LOD	18.8	10.2	1000
Three Sisters	5446	NC61	38	38.5	20945	4.2	<LOD	3.6	169	709	<LOD	13.6	<LOD	<LOD	<LOD	19.1	9.1	990
Three Sisters	5447	NC61	38.5	39.4	60449	7.6	<LOD	5.8	114	795	<LOD	27.2	<LOD	<LOD	<LOD	28.6	7.7	5230
Three Sisters	5448	NC61	39.4	39.9	58861	7.9	109	13.8	383	2303	<LOD	35.8	<LOD	16	<LOD	51.1	19.7	1682
Three Sisters	5449	NC61	39.9	40.2	46357	4.7	144	9.8	259	1378	<LOD	26.3	<LOD	11	<LOD	46.5	32.1	3208
Three Sisters	5450	NC61	40.2	40.4	18659	3.8	44	7.8	90	293	<LOD	12.4	<LOD	<LOD	<LOD	110.2	15.5	1143
Three Sisters	119253	NC62	0	1.1	25202	43	67	16.5	144	791	<LOD	18	<LOD	<LOD	<LOD	24.4	11.9	545
Three Sisters	119254	NC62	1.1	2.2	19189	12.5	40	12.1	85.8	221	<LOD	13.3	<LOD	<LOD	<LOD	16.1	14.4	254
Three Sisters	119255	NC62	2.2	3	19026	4.8	55	12.5	91.7	235	<LOD	13	<LOD	<LOD	<LOD	20.5	6	498
Three Sisters	119256	NC62	3	4	9562	7.1	104	7.9	101	214	<LOD	6.3	<LOD	<LOD	<LOD	29.8	23.9	224
Three Sisters	119257	NC62	4	5.45	10026	12.7	90	10.5	104.6	224	<LOD	6.8	<LOD	<LOD	<LOD	35	27.9	233
Three Sisters	119258	NC62	5.45	6.1	10221	7	62	4.8	80.1	254	<LOD	7	<LOD	<LOD	<LOD	23	16.6	241
Three Sisters	119259	NC62	6.1	6.35	10341	5.6	132	6.4	80	237	<LOD	6.7	<LOD	5.3	<LOD	14.2	30.5	256
Three Sisters	119260	NC62	6.35	7.15	6995	<LOD	227	7.6	99	290	<LOD	4.6	<LOD	8.4	<LOD	28.3	54.8	210
Three Sisters	119261	NC62	7.15	7.7	16549	3.7	72	7.9	141	911	<LOD	10.4	<LOD	27.2	<LOD	36.9	18.9	493
Three Sisters	119262	NC62	7.7	8.8	6246	<LOD	306	6.9	96.9	242	<LOD	3.6	<LOD	11.5	<LOD	43	47.9	294
Three Sisters	119263	NC62	8.8	9.7	17428	125.9	93	5.3	89.2	250	<LOD	12.3	<LOD	<LOD	<LOD	58.8	9.2	605
Three Sisters	119264	NC62	9.7	10.35	13491	5.2	202	7.5	97	245	<LOD	8.9	<LOD	8	<LOD	83.5	22.5	286
Three Sisters	119266	NC62	10.35	10.9	41468	439	72	13.6	86	352	<LOD	25.2	<LOD	<LOD	<LOD	82.8	10.6	2004
Three Sisters	119267	NC62	10.9	12	11792	6.8	118	5.2	206	1059	<LOD	7.6	<LOD	20.6	<LOD	38.5	12.8	532
Three Sisters	119268	NC62	12	13	12147	<LOD	160	8.8	214	1105	<LOD	7.9	<LOD	21.6	<LOD	41.4	14.4	527
Three Sisters	119269	NC62	13	13.7	52035	7.1	48	8.9	101	650	<LOD	34.9	<LOD	<LOD	<LOD	38.8	13.8	1336
Three Sisters	119270	NC62	13.7	14.7	22934	6.7	63	6.9	191	767	<LOD	16	<LOD	<LOD	<LOD	23.9	12.9	1569
Three Sisters	119271	NC62	14.7	15.4	31533	6.7	<LOD	6.4	162	387	<LOD	18.3	<LOD	<LOD	<LOD	40	23.3	4214
Three Sisters	119272	NC62	15.4	17.05	15412	13.6	<LOD	12.2	37.6	138	<LOD	9.8	<LOD	<LOD	64	26	30.1	1726
Three Sisters	119273	NC62	17.05	17.9	28341	7.1	32	5	78.6	393	<LOD	16.9	<LOD	<LOD	<LOD	18.7	13.6	2141
Three Sisters	119274	NC62	17.9	19	17433	3.1	<LOD	3.6	185	517	<LOD	11.4	<LOD	<LOD	<LOD	18.4	17.9	1318
Three Sisters	119275	NC62	19	20	79415	25.6	<LOD	12.8	151	690	<LOD	42.8	<LOD	<LOD	54	26.7	17.2	5662
Three Sisters	119276	NC62	20	20.9	49325	9.4	86	12.6	108	962	<LOD	29	<LOD	<LOD	33	37.6	53	3016
Three Sisters	119277	NC62	20.9	22	35555	36.6	153	25	96	624	<LOD	22.5	<LOD	<LOD	<LOD	80.5	21.5	1510
Three Sisters	119278	NC62	22	23	17956	56.4	100	52.6	65.7	243	<LOD	11.7	<LOD	<LOD	<LOD	73.3	11.1	630

Prospect	sample_no	hole_id	from_m	to_m	Fe_ppm_xrf	As_ppm_xrf	Ba_ppm_xrf	Ta_ppm_xrf	Zr_ppm_xrf	Ti_ppm_xrf	Ni_ppm_xrf	Co_ppm_xrf	Sb_ppm_xrf	V_ppm_xrf	Sc_ppm_xrf	Y_ppm_xrf	Sr_ppm_xrf	Mn_ppm_xrf
Three Sisters	119279	NC62	23	24	15268	52.1	81	22.9	81.4	230	<LOD	9.7	<LOD	<LOD	<LOD	73.7	15.8	523
Three Sisters	119280	NC62	24	25	15096	<LOD	93	9.3	87.4	204	<LOD	10.2	<LOD	<LOD	<LOD	71.4	12.4	442
Three Sisters	119281	NC62	25	26	17758	16.5	50	14.1	84.3	212	<LOD	11.6	<LOD	<LOD	<LOD	65.7	8.4	621
Three Sisters	119282	NC62	26	26.9	19459	6.3	54	11.2	85	194	<LOD	13.3	<LOD	<LOD	<LOD	65.9	9.3	686
Three Sisters	119283	NC62	26.9	27.55	40094	7.1	42	9.1	107	452	<LOD	23.9	<LOD	<LOD	37	28.6	17.9	2719
Three Sisters	119284	NC62	27.55	28.5	16143	<LOD	106	10.1	181	1007	<LOD	10.3	<LOD	16.4	<LOD	45.5	32	639
Three Sisters	119285	NC62	28.5	29.7	22387	<LOD	122	7.3	152	1184	<LOD	14.4	<LOD	12.7	<LOD	33.5	12.4	540
Three Sisters	119286	NC62	29.7	30.9	18833	3.9	96	4.2	235	1140	<LOD	12	<LOD	20.4	<LOD	42.7	9.8	433

Prospect	sample_no	hole_id	from_m	to_m	Cr_ppm_xrf	Ce_ppm_xrf	P_ppm_xrf	S_ppm_xrf	Cl_ppm_xrf	K_ppm_xrf	Se_ppm_xrf	Rb_ppm_xrf	Nb_ppm_xrf	La_ppm_xrf	Hg_ppm_xrf	Tl_ppm_xrf	Th_ppm_xrf	U_ppm_xrf
Higgs	4401	NC56	0	1.5	122	<LOD	<LOD	1252	860	1712	1.8	66.6	14.3	<LOD	<LOD	18.8	18	<LOD
Higgs	4402	NC56	1.5	3	157	<LOD	<LOD	1214	697	4100	<LOD	184.3	11.8	<LOD	<LOD	38	21	<LOD
Higgs	4403	NC56	3	4	160	<LOD	<LOD	2740	754	3847	<LOD	101.1	12.3	<LOD	<LOD	22	18	<LOD
Higgs	4404	NC56	4	4.55	136	<LOD	<LOD	1993	617	8080	<LOD	175.2	12.1	<LOD	<LOD	20.9	17	<LOD
Higgs	4405	NC56	4.55	5.5	128	87	<LOD	1867	635	9769	<LOD	184.1	10.5	<LOD	<LOD	39	23	<LOD
Higgs	4406	NC56	5.5	6.37	90	104	<LOD	1590	490	5344	<LOD	161.4	10.1	<LOD	<LOD	14.4	16	<LOD
Higgs	4407	NC56	6.37	7.25	93	<LOD	<LOD	8076	1665	9954	9	415	10.6	<LOD	<LOD	446	20	<LOD
Higgs	4408	NC56	7.25	8	123	101	<LOD	1780	804	11356	<LOD	356	11.4	<LOD	<LOD	69	20	<LOD
Higgs	4409	NC56	8	9	89	<LOD	<LOD	6874	1206	5037	<LOD	204.2	8.6	<LOD	<LOD	41	16	<LOD
Higgs	4410	NC56	9	10	119	83	<LOD	2000	644	8707	<LOD	244.2	11.3	<LOD	<LOD	24.9	17	<LOD
Higgs	4411	NC56	10	11	123	<LOD	<LOD	1971	542	8146	<LOD	198	13.6	<LOD	<LOD	17.2	18	<LOD
Higgs	4412	NC56	11	12	108	68	<LOD	2556	734	6928	<LOD	147.1	11.2	<LOD	<LOD	18	18	<LOD
Higgs	4413	NC56	12	13	138	97	<LOD	2753	899	5203	<LOD	128.1	9.8	<LOD	<LOD	47	20	<LOD
Higgs	4414	NC56	13	14	117	<LOD	<LOD	1998	553	7598	<LOD	155.9	9.2	<LOD	<LOD	19	13	<LOD
Higgs	4415	NC56	14	15	114	<LOD	<LOD	2214	629	7272	<LOD	163.2	13.7	47	<LOD	8.6	21	<LOD
Higgs	4416	NC56	15	16	142	92	<LOD	2246	645	9120	<LOD	229	13.9	<LOD	<LOD	15.2	16	<LOD
Higgs	4417	NC56	16	17.1	98	<LOD	<LOD	3002	762	6930	<LOD	230.2	10.9	<LOD	<LOD	31	19	<LOD
Higgs	4418	NC56	17.1	18	100	<LOD	<LOD	4616	827	6214	<LOD	181.4	4.1	<LOD	<LOD	107	16	<LOD
Higgs	4419	NC56	18	19	70	<LOD	<LOD	13653	1706	1706	<LOD	72	8.7	<LOD	<LOD	480	<LOD	<LOD
Higgs	4420	NC56	19	20	105	<LOD	<LOD	11934	1578	1138	<LOD	45.6	<LOD	<LOD	<LOD	333	<LOD	<LOD
Higgs	4421	NC56	20	21	94	<LOD	<LOD	12861	1933	12876	15	295	5.9	<LOD	<LOD	539	<LOD	<LOD
Higgs	4422	NC56	21	22.2	117	<LOD	<LOD	2759	1057	16002	<LOD	382	13.6	<LOD	<LOD	149	24	<LOD
Higgs	4423	NC56	22.2	23.3	91	<LOD	<LOD	1925	896	13909	<LOD	306.2	14.2	<LOD	<LOD	13.5	20	<LOD
Higgs	4424	NC56	23.3	23.75	99	101	<LOD	2817	1022	21117	<LOD	388	14.8	<LOD	6.9	12.4	22	<LOD
Higgs	4425	NC56	23.75	24.5	81	<LOD	<LOD	7563	1678	12860	<LOD	430	<LOD	<LOD	<LOD	229	10	<LOD
Higgs	4427	NC56	24.5	25.5	69	<LOD	<LOD	5392	903	18262	<LOD	690	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Higgs	4428	NC56	25.5	26.5	57	<LOD	<LOD	8053	1246	14173	<LOD	466	<LOD	<LOD	<LOD	110	<LOD	<LOD
Higgs	4429	NC56	26.5	27.5	74	<LOD	<LOD	9339	992	12340	<LOD	465	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Higgs	4430	NC56	27.5	28.3	82	<LOD	<LOD	2363	422	11513	<LOD	474	6.5	<LOD	<LOD	<LOD	12	<LOD
Higgs	4431	NC56	28.3	29.5	117	97	<LOD	1716	<LOD	6869	<LOD	353.7	13.4	<LOD	2.2	2.9	18	<LOD
Higgs	4432	NC56	29.5	30.5	137	<LOD	<LOD	2043	302	7133	<LOD	231.9	14.2	<LOD	<LOD	<LOD	16	<LOD
Higgs	4433	NC56	30.5	31.4	196	130	<LOD	1424	<LOD	8341	<LOD	303.1	14.7	<LOD	<LOD	<LOD	18	<LOD
Higgs	4434	NC56	31.4	32.4	88	<LOD	<LOD	2157	367	9724	<LOD	387	8.5	<LOD	<LOD	10	19	<LOD
Higgs	4435	NC56	32.4	32.9	85	<LOD	<LOD	5303	908	10676	<LOD	449	<LOD	<LOD	<LOD	23	10	<LOD
Higgs	4436	NC56	32.9	34	108	<LOD	<LOD	2247	311	5777	<LOD	265.7	10.7	<LOD	<LOD	<LOD	13	<LOD
Higgs	4437	NC56	34	35	81	<LOD	<LOD	3579	<LOD	2694	<LOD	112.1	9.2	<LOD	<LOD	<LOD	11	<LOD
Higgs	4438	NC56	35	36	71	<LOD	<LOD	1968	<LOD	1113	<LOD	75	8.8	<LOD	<LOD	<LOD	15	<LOD
Higgs	4439	NC56	36	36.65	113	<LOD	<LOD	2012	<LOD	5194	<LOD	219.2	6.3	54	<LOD	<LOD	13	<LOD
Higgs	4440	NC56	36.65	36.9	112	<LOD	<LOD	4631	574	6721	<LOD	342	<LOD	<LOD	<LOD	<LOD	10	<LOD
Higgs	4441	NC56	36.9	38	42	<LOD					<LOD	134.4	7.6	<LOD	<LOD	<LOD	9	<LOD
Higgs	4442	NC56	38	39	80	<LOD	<LOD	3105	293	3246	<LOD	180.1	4.8	<LOD	<LOD	<LOD	16	<LOD
Higgs	4443	NC56	39	40	69	<LOD	<LOD	2155	<LOD	2670	<LOD	107.2	7.6	<LOD	<LOD	8.9	14	<LOD
Higgs	4444	NC56	40	41	65	<LOD	<LOD	2041	<LOD	863	<LOD	51.6	9.6	<LOD	<LOD	<LOD	19	<LOD
Higgs	4445	NC56	41	42	127	<LOD	<LOD	1745	<LOD	3538	<LOD	129	8.4	<LOD	<LOD	4.3	14	<LOD
Higgs	4446	NC56	42	43	111	<LOD	<LOD	2062	<LOD	2531	<LOD	117.6	5.2	<LOD	<LOD	<LOD	8	<LOD
Higgs	4447	NC56	43	44	114	<LOD	<LOD	1802	<LOD	3365	<LOD	148.9	7.8	<LOD	<LOD	4.7	12	<LOD
Higgs	4448	NC56	44	45	110	<LOD	<LOD	4343	362	2635	<LOD	126.7	<LOD	<LOD	<LOD	<LOD	9	<LOD
Higgs	4449	NC56	45	46	129	69	<LOD	1835	<LOD	3346	<LOD	153.1	7.8	<LOD	<LOD	5.7	12	<LOD
Higgs	4450	NC56	46	47	107	<LOD	<LOD	4480	754	2654	<LOD	126.8	<LOD	<LOD	<LOD	22	<LOD	<LOD
Higgs	4452	NC56	47	47.9	99	<LOD	<LOD	3262	<LOD	6592	<LOD	352	4.5	<LOD	<LOD	<LOD	11	<LOD
Higgs	4453	NC56	47.9	49	83	70	<LOD	1613	<LOD	5808	<LOD	132.8	9.9	<LOD	<LOD	<LOD	14	<LOD
Higgs	4454	NC56	49	50	70	<LOD	<LOD	1507	<LOD	4477	<LOD	109.9	7.7	<LOD	<LOD	<LOD	11	<LOD
Higgs	4455	NC56	50	51	70	84	<LOD	2089	<LOD	7864	<LOD	187.4	10.7	<LOD	<LOD	<LOD	16	<LOD
Higgs	4456	NC56	51	52	94	<LOD	<LOD	1849	<LOD	5467	<LOD	136.3	10.1	<LOD	<LOD	<LOD	13	<LOD
Higgs	6752	NC57	10.4	11.4	115	<LOD	<LOD	1294	<LOD	8636	<LOD	203.1	12.5	<LOD	<LOD	<LOD	15	7
Higgs	6753	NC57	11.4	12.5	99	78	<LOD	1321	<LOD	8787	<LOD	242.1	10.7	<LOD	<LOD	<LOD	8	<LOD
Higgs	6754	NC57	12.5	13.3	55	<LOD	<LOD	1530	<LOD	6939	<LOD	296.6	6.5	<LOD	<LOD	5.6	8	<LOD
Higgs	6755	NC57	13.3	14.3	101	<LOD	<LOD	1733	400	10083	<LOD	288.1	11.9	<LOD	<LOD	6.6	12	<LOD
Higgs	6756	NC57	14.3	14.9	106	<LOD	<LOD	2024	<LOD	8992	<LOD	248	14.8	58	<LOD	<LOD	17	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Cr_ppm_xrf	Ce_ppm_xrf	P_ppm_xrf	S_ppm_xrf	Cl_ppm_xrf	K_ppm_xrf	Se_ppm_xrf	Rb_ppm_xrf	Nb_ppm_xrf	La_ppm_xrf	Hg_ppm_xrf	Tl_ppm_xrf	Th_ppm_xrf	U_ppm_xrf
Higgs	6757	NC57	17.2	18.2	113	<LOD	<LOD	1946	<LOD	7998	<LOD	315.9	11.5	<LOD	2.6	<LOD	15	<LOD
Higgs	6758	NC57	18.2	18.5	134	86	<LOD	1709	<LOD	6608	<LOD	174.7	11.2	<LOD	<LOD	<LOD	10	7
Higgs	6759	NC57	18.5	19.5	60	131	<LOD	7286	<LOD	5524	<LOD	137.7	6.6	<LOD	5.7	5.8	11	<LOD
Higgs	6760	NC57	19.5	20.5	109	108	<LOD	2086	<LOD	8167	<LOD	205.9	12	<LOD	<LOD	<LOD	16	<LOD
Higgs	6761	NC57	20.5	21.6	119	72	<LOD	1824	549	9572	<LOD	280.6	9.2	<LOD	<LOD	6.8	14	<LOD
Higgs	6762	NC57	21.6	22.6	128	<LOD	<LOD	11605	1802	8558	<LOD	263	<LOD	<LOD	38	167	22	<LOD
Higgs	6763	NC57	22.6	23.6	125	<LOD	<LOD	18720	2946	5842	<LOD	188	11	<LOD	69	478	27	<LOD
Higgs	6764	NC57	23.6	24.6	65	<LOD	<LOD	10162	1079	4918	<LOD	212.5	<LOD	<LOD	<LOD	81	14	<LOD
Higgs	6765	NC57	24.6	25.5	81	<LOD	<LOD	3776	836	10138	<LOD	237.7	3.9	<LOD	<LOD	76	13	<LOD
Higgs	6766	NC57	25.5	26.5	123	<LOD	<LOD	2382	614	9971	<LOD	288.5	12.7	<LOD	<LOD	6.5	17	<LOD
Higgs	6767	NC57	26.5	27.5	126	<LOD	<LOD	1715	493	12983	<LOD	344.1	13.7	<LOD	<LOD	6	20	<LOD
Higgs	6768	NC57	27.5	27.9	143	<LOD	<LOD	2518	721	10476	<LOD	228.4	10.8	<LOD	<LOD	8.7	15	<LOD
Higgs	6769	NC57	27.9	28.2	41	<LOD	<LOD	5563	1007	1322	<LOD	36.2	5.5	<LOD	7.3	11.5	17	<LOD
Higgs	6770	NC57	28.2	29.2	47	<LOD	<LOD	3268	864	5756	<LOD	91.5	5.5	<LOD	3.9	10.5	11	<LOD
Higgs	6771	NC57	29.2	30.2	117	<LOD	<LOD	1527	507	11027	<LOD	268.4	13.7	<LOD	<LOD	6.2	19	<LOD
Higgs	6772	NC57	30.2	31.2	124	97	<LOD	1581	619	14403	<LOD	300.2	17.8	<LOD	<LOD	3.2	22	<LOD
Higgs	6773	NC57	31.2	32.3	111	<LOD	<LOD	2237	587	8669	<LOD	178.8	10.2	<LOD	<LOD	<LOD	18	<LOD
Higgs	6774	NC57	32.3	33.3	47	<LOD	<LOD	3181	1158	7410	<LOD	102.3	9.6	<LOD	3.4	6.8	13	<LOD
Higgs	6775	NC57	33.3	34.3	79	<LOD	<LOD	2141	640	4632	<LOD	55.9	7.6	<LOD	3.7	6	14	<LOD
Higgs	6777	NC57	34.3	35.3	0	<LOD	<LOD	1632	888	<LOD	<LOD	2.9	3.9	<LOD	7.6	<LOD	12	<LOD
Higgs	6778	NC57	35.3	36.3	30	<LOD	<LOD	1421	761	<LOD	<LOD	4	6.1	<LOD	5.3	4	12	<LOD
Higgs	6779	NC57	36.3	37.3	0	<LOD	<LOD	2236	751	1168	<LOD	17.3	5.7	<LOD	9.3	<LOD	9	<LOD
Higgs	6780	NC57	37.3	38.1	63	<LOD	<LOD	2190	947	18239	<LOD	209.3	13.3	<LOD	3.8	5.6	15	<LOD
Higgs	6781	NC57	38.1	38.7	97	96	<LOD	2291	519	18547	<LOD	313.6	15.8	<LOD	2.3	6.4	18	<LOD
Higgs	6782	NC57	38.7	39.7	103	<LOD	<LOD	2344	872	21172	<LOD	315.6	17.5	75	<LOD	8.5	23	<LOD
Higgs	6783	NC57	39.7	40.7	108	<LOD	<LOD	1923	1089	17382	<LOD	201.5	14	59	3	8.8	21	<LOD
Higgs	6784	NC57	40.7	41.3	33	<LOD	<LOD	2117	1080	462	<LOD	3.8	4.1	<LOD	16.5	<LOD	11	<LOD
Higgs	6785	NC57	41.3	42.3	55	<LOD	<LOD	2014	1271	11435	<LOD	134.6	12.3	<LOD	4.4	6.2	22	<LOD
Higgs	6786	NC57	42.3	43.3	56	<LOD	<LOD	2051	1018	8119	<LOD	79.4	9.5	<LOD	4.2	7.6	17	<LOD
Higgs	6787	NC57	43.3	44.3	39	<LOD	<LOD	2302	664	6942	<LOD	90.4	9.8	<LOD	<LOD	5.5	15	<LOD
Higgs	6788	NC57	44.3	44.8	52	<LOD	<LOD	2085	659	7846	<LOD	146.1	13.2	<LOD	<LOD	7	24	<LOD
Higgs	6789	NC57	44.8	45.8	101	75	<LOD	1136	593	10826	<LOD	248.3	13.2	<LOD	<LOD	4.4	21	<LOD
Higgs	6790	NC57	45.8	46.1	116	84	<LOD	2254	674	12292	<LOD	253.4	16.1	<LOD	<LOD	4.3	19	<LOD
Higgs	6791	NC57	46.1	47.1	130	79	<LOD	1186	674	6468	<LOD	158.7	11.5	<LOD	<LOD	<LOD	15	<LOD
Higgs	6792	NC57	47.1	47.7	109	<LOD	<LOD	1848	560	10818	<LOD	175.5	15.2	<LOD	<LOD	<LOD	23	<LOD
Higgs	6793	NC57	47.7	48.7	120	<LOD	<LOD	1434	527	2946	<LOD	71.3	11.9	<LOD	<LOD	<LOD	12	<LOD
Higgs	6794	NC57	48.7	49.4	170	110	<LOD	1873	555	12423	<LOD	315.2	17.4	61	<LOD	4.4	24	<LOD
Higgs	6795	NC57	49.4	50.4	103	<LOD	<LOD	2511	678	8138	<LOD	177.2	10.1	<LOD	<LOD	5.7	18	<LOD
Higgs	6796	NC57	50.4	51.5	83	<LOD	<LOD	2628	794	6109	<LOD	212.2	8.8	<LOD	<LOD	81	19	<LOD
Higgs	6797	NC57	51.5	52.5	93	<LOD	<LOD	1788	551	2919	<LOD	134.8	10.5	<LOD	<LOD	8.3	16	<LOD
Higgs	6798	NC57	52.5	53	94	<LOD	<LOD	2161	483	2869	<LOD	127.5	7.4	<LOD	<LOD	14.4	9	<LOD
Higgs	6799	NC57	53	54.1	62	<LOD	<LOD	4368	959	1784	<LOD	67.3	3.7	<LOD	<LOD	155	14	<LOD
Higgs	6800	NC57	54.1	54.4	76	<LOD	<LOD	6099	1073	2412	<LOD	110.2	<LOD	<LOD	<LOD	175	18	<LOD
Higgs	6802	NC57	54.4	54.5	136	<LOD	<LOD	1941	<LOD	4450	<LOD	282.4	11.8	<LOD	<LOD	<LOD	17	<LOD
Higgs	6803	NC57	54.5	55.5	86	<LOD	<LOD	2731	249	4241	<LOD	249.1	9.7	<LOD	<LOD	11.6	12	<LOD
Higgs	6804	NC57	55.5	56.5	95	<LOD	<LOD	2378	<LOD	3745	<LOD	217.1	5.6	53	<LOD	<LOD	12	<LOD
Higgs	6805	NC57	56.5	57.5	42	<LOD	<LOD	1625	<LOD	1958	<LOD	129.6	4.6	<LOD	<LOD	<LOD	7	<LOD
Higgs	6806	NC57	57.5	58.5	60	<LOD	<LOD	1844	<LOD	3035	<LOD	286.1	7.3	<LOD	<LOD	<LOD	14	<LOD
Higgs	6807	NC57	58.5	59.5	116	86	<LOD	2333	244	2447	<LOD	140.4	9.7	<LOD	<LOD	<LOD	12	<LOD
Higgs	6808	NC57	59.5	60.5	121	76	<LOD	2792	343	1599	<LOD	86.4	6.2	<LOD	<LOD	11	8	<LOD
Higgs	6809	NC57	60.5	61.5	93	<LOD	<LOD	2647	<LOD	<LOD	<LOD	9	6.2	<LOD	<LOD	<LOD	10	<LOD
Higgs	6810	NC57	61.5	62.5	125	<LOD	<LOD	2358	329	2137	<LOD	85.2	6	<LOD	<LOD	<LOD	14	<LOD
Higgs	6811	NC57	62.5	63.5	137	<LOD	<LOD	3014	388	6151	<LOD	361	7.1	60	<LOD	<LOD	<LOD	11
Higgs	6812	NC57	63.5	64.5	112	<LOD	<LOD	3277	<LOD	4250	<LOD	243.2	5.3	<LOD	<LOD	<LOD	11	<LOD
Higgs	6813	NC57	64.5	65	113	<LOD	<LOD	4711	432	6829	<LOD	295	7.1	<LOD	<LOD	<LOD	9	21
500 Lode	6814	NC58	1.7	2.7	67	<LOD	<LOD	3139	<LOD	2447	<LOD	52.1	5	<LOD	5.7	<LOD	<LOD	<LOD
500 Lode	6815	NC58	2.7	3.7	78	<LOD	<LOD	2867	<LOD	9683	11.3	216.5	12	<LOD	<LOD	4.1	12	<LOD
500 Lode	6816	NC58	3.7	4.7	92	<LOD	<LOD	3158	<LOD	18180	<LOD	308.2	15.3	<LOD	3.3	<LOD	19	<LOD
500 Lode	6817	NC58	4.7	5.3	77	96	<LOD	3355	<LOD	14575	<LOD	277.8	11.6	<LOD	2.8	5.2	21	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Cr_ppm_xrf	Ce_ppm_xrf	P_ppm_xrf	S_ppm_xrf	Cl_ppm_xrf	K_ppm_xrf	Se_ppm_xrf	Rb_ppm_xrf	Nb_ppm_xrf	La_ppm_xrf	Hg_ppm_xrf	Tl_ppm_xrf	Th_ppm_xrf	U_ppm_xrf
500 Lode	6818	NC58	5.3	6.3	71	<LOD	<LOD	6210	<LOD	11852	<LOD	406	9.6	<LOD	<LOD	6.8	14	<LOD
500 Lode	6819	NC58	6.3	7.3	32	<LOD	<LOD	13261	<LOD	4086	<LOD	122.6	7	<LOD	6	4.2	9	<LOD
500 Lode	6820	NC58	7.3	8.3	68	<LOD	<LOD	8328	<LOD	18136	<LOD	443	9.9	<LOD	6	4.2	13	<LOD
500 Lode	6821	NC58	8.3	8.7	46	<LOD	<LOD	2378	<LOD	20913	12.2	1954	4.3	<LOD	9	10.8	<LOD	<LOD
500 Lode	6822	NC58	8.7	9.7	63	<LOD	<LOD	2811	<LOD	5457	2.4	230.2	7.7	<LOD	<LOD	4.7	13	<LOD
500 Lode	6823	NC58	9.7	10.7	111	<LOD	<LOD	1831	<LOD	6009	<LOD	200.3	11.2	<LOD	<LOD	<LOD	20	<LOD
500 Lode	6824	NC58	10.7	11.7	54	<LOD	<LOD	1706	<LOD	2012	<LOD	115.5	4.8	<LOD	<LOD	<LOD	<LOD	<LOD
500 Lode	6825	NC58	17	17.9	0	<LOD	<LOD	1751	<LOD	2067	<LOD	147.8	30.6	<LOD	8.3	<LOD	27	22
500 Lode	6827	NC58	17.9	18.1	16	<LOD	<LOD	1214	<LOD	7668	<LOD	615	31.8	<LOD	3.2	<LOD	32	<LOD
500 Lode	6828	NC58	19.55	20.2	120	<LOD	<LOD	1309	<LOD	2430	3.7	76.9	5.6	<LOD	<LOD	<LOD	9	<LOD
500 Lode	6829	NC58	20.2	21.2	121	<LOD	<LOD	1582	<LOD	4564	<LOD	176.7	8.6	<LOD	<LOD	2.5	14	<LOD
500 Lode	6830	NC58	21.2	22.2	147	80	<LOD	1763	<LOD	7297	<LOD	275	11.1	<LOD	<LOD	<LOD	15	<LOD
500 Lode	6831	NC58	22.2	23.2	148	<LOD	<LOD	1477	360	9408	<LOD	285.8	13	<LOD	<LOD	4.4	17	<LOD
500 Lode	6832	NC58	23.2	24.2	83	<LOD	<LOD	1671	280	5660	<LOD	102.7	6.7	<LOD	<LOD	2.3	11.4	<LOD
500 Lode	6833	NC58	24.2	25.2	80	<LOD	<LOD	1545	580	5490	<LOD	224.8	9.4	<LOD	<LOD	<LOD	13	<LOD
500 Lode	6834	NC58	25.2	26.2	100	82	<LOD	2261	701	5049	<LOD	122.6	10.1	<LOD	<LOD	3.5	13	<LOD
500 Lode	6857	NC59	0	3	105	81	<LOD	1230	<LOD	7705	<LOD	310.8	14.6	<LOD	<LOD	2.8	16	<LOD
500 Lode	6858	NC59	3	4	87	<LOD	<LOD	1463	<LOD	10570	<LOD	806	14.5	<LOD	3.1	4.5	14	<LOD
500 Lode	6859	NC59	4	6	102	99	<LOD	1550	<LOD	8350	<LOD	437	13.4	<LOD	<LOD	<LOD	14	<LOD
500 Lode	6860	NC59	5	6	83	<LOD	<LOD	1581	<LOD	5968	<LOD	259.7	10.8	<LOD	<LOD	<LOD	11	<LOD
500 Lode	6861	NC59	6	7	114	80	<LOD	2255	<LOD	4870	<LOD	271.6	10.2	<LOD	<LOD	<LOD	14	<LOD
500 Lode	6862	NC59	7	8	92	71	<LOD	1684	<LOD	6895	<LOD	323.1	14	45	<LOD	<LOD	14	<LOD
500 Lode	6863	NC59	8	9	117	<LOD	<LOD	2061	278	3370	<LOD	157.5	10.4	<LOD	<LOD	6.2	13	<LOD
500 Lode	6864	NC59	9	10	140	<LOD	<LOD	4357	412	1093	<LOD	79.5	9.4	<LOD	<LOD	5.6	14	<LOD
500 Lode	6835	NC59	10	11	74	<LOD	<LOD	2849	482	493	<LOD	43.2	8.8	<LOD	<LOD	3.8	14	<LOD
500 Lode	6836	NC59	11	12	117	85	<LOD	4000	650	1375	1.6	99.5	11.3	<LOD	<LOD	4.2	19	<LOD
500 Lode	6837	NC59	12	12.7	116	86	<LOD	4906	775	2265	<LOD	126.7	8.8	<LOD	<LOD	4.1	12	<LOD
500 Lode	6838	NC59	12.7	13.7	78	<LOD	<LOD	2199	564	2918	6.8	256.3	8.2	<LOD	<LOD	6.2	12	<LOD
500 Lode	6839	NC59	13.7	14.7	161	95	<LOD	1131	460	3637	<LOD	322.8	17.3	46	<LOD	3	19	<LOD
500 Lode	6840	NC59	14.7	15.7	81	<LOD	<LOD	1784	<LOD	4396	<LOD	291.8	10.5	<LOD	<LOD	3.3	12	<LOD
500 Lode	6841	NC59	15.7	16.7	62	<LOD	<LOD	1314	<LOD	2270	2.2	189	9.1	<LOD	<LOD	<LOD	10	<LOD
500 Lode	6842	NC59	16.7	17.7	76	<LOD	<LOD	2144	<LOD	2971	9.7	244.3	4.9	<LOD	<LOD	4.2	<LOD	<LOD
500 Lode	6872	NC59	17.7	18.5	133	<LOD	<LOD	1103	<LOD	3386	<LOD	287.2	10.4	<LOD	<LOD	4.4	13	<LOD
500 Lode	6873	NC59	18.5	19.5	71	<LOD	<LOD	1713	<LOD	2352	<LOD	116.4	9	<LOD	<LOD	2.6	10	<LOD
500 Lode	6874	NC59	19.5	20.5	81	<LOD	<LOD	1270	422	2346	<LOD	127.3	4.1	<LOD	<LOD	<LOD	9	<LOD
500 Lode	6875	NC59	20.5	21.5	86	88	<LOD	1103	<LOD	3692	<LOD	317.9	8.7	<LOD	<LOD	2.8	13	<LOD
500 Lode	6876	NC59	21.5	22.5	78	69	<LOD	1423	<LOD	2933	<LOD	170.7	7.8	<LOD	<LOD	2.9	15	<LOD
500 Lode	6877	NC59	22.5	23.5	77	<LOD	<LOD	1447	<LOD	2358	<LOD	226.7	9.7	<LOD	<LOD	3.7	10	<LOD
500 Lode	6878	NC59	23.5	24.5	50	<LOD	<LOD	1650	268	1343	<LOD	99.4	3	<LOD	<LOD	9	10	<LOD
500 Lode	6843	NC59	24.5	25.5	50	<LOD	<LOD	1150	<LOD	2303	<LOD	273.1	6.8	<LOD	<LOD	<LOD	12	<LOD
500 Lode	6844	NC59	25.5	26.5	43	<LOD	<LOD	957	<LOD	1284	<LOD	79.4	5.5	<LOD	<LOD	<LOD	7	5.7
500 Lode	6845	NC59	26.5	27.2	75	<LOD	<LOD	1122	<LOD	4120	<LOD	161.9	9.6	<LOD	<LOD	<LOD	11	<LOD
500 Lode	6846	NC59	27.2	28.2	71	<LOD	<LOD	983	<LOD	2752	<LOD	141.3	5.6	<LOD	<LOD	<LOD	7	<LOD
500 Lode	6847	NC59	28.2	29.2	128	<LOD	<LOD	1183	<LOD	3172	<LOD	153.2	9.1	<LOD	<LOD	<LOD	11	<LOD
500 Lode	6848	NC59	29.2	30	82	<LOD	<LOD	937	<LOD	1915	<LOD	83.3	8.3	<LOD	<LOD	<LOD	<LOD	<LOD
500 Lode	6849	NC59	30	30.65	86	<LOD	<LOD	1845	<LOD	4309	<LOD	233.6	7.5	<LOD	<LOD	<LOD	7	<LOD
500 Lode	6850	NC59	30.65	31.65	69	<LOD	<LOD	1276	<LOD	1365	<LOD	56.8	7	<LOD	<LOD	<LOD	10	<LOD
500 Lode	6852	NC59	31.65	32.1	109	<LOD	<LOD	1748	<LOD	3016	<LOD	185.4	8.9	<LOD	<LOD	3.2	15	<LOD
500 Lode	6853	NC59	32.1	33.1	143	81	<LOD	1994	<LOD	5672	<LOD	197.5	10.2	<LOD	<LOD	3.2	9	<LOD
500 Lode	6854	NC59	33.1	34.3	98	<LOD	<LOD	1426	<LOD	5120	<LOD	309.3	12.5	<LOD	<LOD	2.7	24	<LOD
500 Lode	6855	NC59	34.3	35.1	89	<LOD	<LOD	2142	<LOD	5395	<LOD	198.6	11.7	<LOD	<LOD	3.8	12	<LOD
500 Lode	6856	NC59	35.1	36.1	71	<LOD	<LOD	957	<LOD	4152	<LOD	270.5	8	<LOD	<LOD	<LOD	13	<LOD
500 Lode	6865	NC59	36.1	37.1	66	76	<LOD	1909	316	3428	<LOD	259	8.3	<LOD	<LOD	2.8	13	<LOD
500 Lode	6866	NC59	37.1	38.1	65	<LOD	<LOD	1446	229	3701	<LOD	171.2	7.8	<LOD	<LOD	2.8	14	<LOD
500 Lode	6867	NC59	38.1	39.1	80	115	<LOD	2226	<LOD	7565	<LOD	368.7	15.1	59	<LOD	3.6	23	<LOD
500 Lode	6868	NC59	39.1	40.1	78	<LOD	<LOD	1598	<LOD	4501	<LOD	198.6	9.3	<LOD	<LOD	3	14	<LOD
500 Lode	6869	NC59	40.1	41.1	88	<LOD	<LOD	1417	<LOD	5407	<LOD	238.1	10.9	<LOD	<LOD	<LOD	11	<LOD
500 Lode	6870	NC59	41.3	42.3	107	79	<LOD	1542	<LOD	7897	<LOD	248.9	16.4	<LOD	2.2	<LOD	17	<LOD
500 Lode	6871	NC59	42.3	42.5	105	93	<LOD	1351	280	13575	<LOD	320	20.6	<LOD	3.8	<LOD	22	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Cr_ppm_xrf	Ce_ppm_xrf	P_ppm_xrf	S_ppm_xrf	Cl_ppm_xrf	K_ppm_xrf	Se_ppm_xrf	Rb_ppm_xrf	Nb_ppm_xrf	La_ppm_xrf	Hg_ppm_xrf	Tl_ppm_xrf	Th_ppm_xrf	U_ppm_xrf
Three Sisters	4458	NC60	0	1.5	132	<LOD	<LOD	647	1473	6137	2.1	263.3	13	53	<LOD	5.7	20	<LOD
Three Sisters	4460	NC60	1.5	3	150	117	<LOD	<LOD	1364	7695	<LOD	388	17.6	71	6.3	3.6	22	<LOD
Three Sisters	4461	NC60	3	3.85	69	115	<LOD	603	1304	5068	<LOD	209	9.1	<LOD	3.9	<LOD	15	<LOD
Three Sisters	4462	NC60	3.85	4.05	50	119	<LOD	<LOD	1201	4800	<LOD	337.9	12.9	<LOD	<LOD	3.2	31	<LOD
Three Sisters	4463	NC60	4.05	5	45	<LOD	<LOD	<LOD	900	588	<LOD	52.5	5.6	<LOD	<LOD	2.3	7	<LOD
Three Sisters	4464	NC60	5	6	130	<LOD	<LOD	501	766	3347	<LOD	205.5	9.2	<LOD	<LOD	<LOD	10	<LOD
Three Sisters	4465	NC60	6	7	117	<LOD	<LOD	<LOD	1203	2736	<LOD	238.6	9.4	<LOD	<LOD	<LOD	11	<LOD
Three Sisters	4466	NC60	7	7.8	45	<LOD	<LOD	<LOD	1033	1551	<LOD	176.4	9.2	<LOD	<LOD	<LOD	9	<LOD
Three Sisters	4467	NC60	7.8	8.8	22	96	<LOD	578	1189	11486	<LOD	601	36.4	<LOD	3.2	3.8	50	<LOD
Three Sisters	4468	NC60	8.8	8.95	19	<LOD	<LOD	617	978	5701	<LOD	340.9	27.7	<LOD	<LOD	<LOD	41	<LOD
Three Sisters	4469	NC60	9.95	10.4	101	<LOD	<LOD	<LOD	1175	1514	<LOD	197	12.2	<LOD	<LOD	2.6	15	<LOD
Three Sisters	4470	NC60	10.4	11.4	70	80	<LOD	<LOD	1060	2215	<LOD	176.8	8.9	48	<LOD	<LOD	15	<LOD
Three Sisters	4471	NC60	11.4	12.4	114	<LOD	<LOD	<LOD	1140	6020	<LOD	474	14	58	2.9	2.9	21	<LOD
Three Sisters	4472	NC60	12.4	13.1	137	201	<LOD	469	1159	6892	<LOD	244.5	19.2	85	<LOD	<LOD	23	<LOD
Three Sisters	4473	NC60	13.1	14	122	135	<LOD	609	1347	10035	<LOD	363.4	18	<LOD	3.9	2.9	25	<LOD
Three Sisters	4474	NC60	14	15	114	159	<LOD	<LOD	1396	11881	<LOD	407.6	18.1	65	2.4	4.8	22	<LOD
Three Sisters	4475	NC60	15	15.8	75	77	<LOD	<LOD	1205	15905	<LOD	570	22.2	<LOD	3.2	6.7	26	<LOD
Three Sisters	4476	NC60	15.8	16.6	109	72	<LOD	<LOD	1069	8496	<LOD	744	13.8	<LOD	3.7	4.4	26	<LOD
Three Sisters	4477	NC60	16.6	17.3	136	95	<LOD	<LOD	1446	7170	<LOD	790	15.7	<LOD	3.4	4.3	21	<LOD
Three Sisters	4478	NC60	17.3	17.8	62	117	<LOD	1999	1823	11118	<LOD	426	14.1	<LOD	7.1	6.4	25	<LOD
Three Sisters	4479	NC60	17.8	18.8	95	165	<LOD	<LOD	1218	15955	<LOD	456	21.6	58	4.2	4.8	27	<LOD
Three Sisters	4480	NC60	18.8	19.8	86	<LOD	<LOD	<LOD	1176	13493	<LOD	383.1	20.8	65	4.3	2.8	19	<LOD
Three Sisters	4481	NC60	19.8	20.9	81	99	<LOD	<LOD	1385	15286	<LOD	410	19.9	53	5.3	<LOD	24	<LOD
Three Sisters	4482	NC60	20.9	22	66	88	<LOD	<LOD	1395	11783	<LOD	336.4	16.3	<LOD	4.1	4.4	23	<LOD
Three Sisters	4483	NC60	22	23	72	105	<LOD	639	1430	14560	<LOD	462	19.9	74	5.4	<LOD	24	<LOD
Three Sisters	4485	NC60	23	24	59	<LOD	<LOD	<LOD	643	8387	<LOD	343.7	13.8	<LOD	3.6	2.5	18	<LOD
Three Sisters	4486	NC60	24	25	68	<LOD	<LOD	<LOD	720	8931	<LOD	261.1	13.1	<LOD	2.6	<LOD	15	<LOD
Three Sisters	4487	NC60	25	26	75	96	<LOD	<LOD	562	7134	<LOD	217.3	11.1	<LOD	<LOD	3.1	14	<LOD
Three Sisters	4488	NC60	26	27	63	<LOD	<LOD	<LOD	530	6758	<LOD	309.4	10.1	<LOD	2.1	<LOD	11	<LOD
Three Sisters	4489	NC60	27	28	95	<LOD	<LOD	<LOD	712	6599	<LOD	302.6	9.6	<LOD	2.1	<LOD	12	<LOD
Three Sisters	4490	NC60	28	29	88	<LOD	<LOD	<LOD	473	6281	<LOD	360.2	13.6	<LOD	2.6	3.1	23	<LOD
Three Sisters	4491	NC60	29	30	81	74	<LOD	<LOD	691	4898	<LOD	190.6	8.7	<LOD	3	<LOD	13	<LOD
Three Sisters	4492	NC60	30	30.6	102	<LOD	<LOD	<LOD	598	6580	<LOD	238.5	10.1	<LOD	<LOD	3.4	14	7
Three Sisters	4493	NC60	30.6	31	47	<LOD	<LOD	3989	1401	5377	<LOD	243.4	<LOD	<LOD	10.5	4.9	<LOD	<LOD
Three Sisters	4494	NC60	31	32	119	<LOD	<LOD	682	701	7009	<LOD	372	10.6	<LOD	3.8	5.6	12	<LOD
Three Sisters	4495	NC60	32	33	79	<LOD	<LOD	<LOD	816	6221	<LOD	362.7	6.7	<LOD	4.3	<LOD	13	<LOD
Three Sisters	4496	NC60	33	34	69	111	<LOD	<LOD	600	9790	<LOD	415	12.3	<LOD	3	4.4	16	<LOD
Three Sisters	4497	NC60	34	35	72	134	<LOD	<LOD	639	12477	<LOD	523	21.2	51	3.8	3.7	22	<LOD
Three Sisters	4498	NC60	35	35.8	66	81	<LOD	<LOD	480	13017	<LOD	329.1	15.8	68	3.2	3.2	18	<LOD
Three Sisters	4499	NC60	35.8	36.15	60	<LOD	<LOD	<LOD	575	4095	<LOD	202.3	11.1	<LOD	5	<LOD	15	<LOD
Three Sisters	4500	NC60	36.15	36.6	81	131	<LOD	<LOD	698	10732	<LOD	557	16.5	<LOD	2.8	3.1	21	<LOD
Three Sisters	4951	NC60	36.6	37.6	77	<LOD	<LOD	<LOD	409	6908	<LOD	410.4	12.3	<LOD	2.3	<LOD	14	<LOD
Three Sisters	4952	NC60	37.6	38.6	97	102	<LOD	<LOD	580	9005	<LOD	516	12.3	<LOD	2.6	4.1	18	<LOD
Three Sisters	4953	NC60	38.6	39.6	113	<LOD	<LOD	<LOD	<LOD	11096	<LOD	548	10.1	<LOD	3.2	4.9	15	<LOD
Three Sisters	4954	NC60	39.6	40.6	76	<LOD	<LOD	<LOD	<LOD	4138	<LOD	265.8	6.5	<LOD	3.3	2.9	9	<LOD
Three Sisters	4955	NC60	40.6	41.6	59	<LOD	<LOD	<LOD	547	4137	<LOD	348.1	7.3	<LOD	3.1	2.5	<LOD	<LOD
Three Sisters	4956	NC60	41.6	42.6	122	<LOD	<LOD	<LOD	621	6149	<LOD	401	7.1	<LOD	3.1	5.7	10	<LOD
Three Sisters	4957	NC60	42.6	43.6	88	<LOD	<LOD	<LOD	796	9501	<LOD	684	12.8	<LOD	5	5	<LOD	<LOD
Three Sisters	4958	NC60	43.6	44.6	167	<LOD	<LOD	<LOD	649	7018	<LOD	612	17.8	<LOD	4.4	5.4	7	<LOD
Three Sisters	4960	NC60	44.6	45.05	56	<LOD	<LOD	<LOD	465	1354	<LOD	138.7	5.3	<LOD	<LOD	<LOD	<LOD	<LOD
Three Sisters	5407	NC61	0	1.5	59	<LOD	<LOD	<LOD	742	3478	<LOD	159.9	16.9	<LOD	<LOD	5.2	15	<LOD
Three Sisters	5408	NC61	1.5	3.75	112	125	<LOD	<LOD	663	8751	<LOD	552	23.5	<LOD	5.3	5	25	<LOD
Three Sisters	5409	NC61	3.75	5	113	111	<LOD	<LOD	388	3178	<LOD	148.3	16.2	56	3.9	<LOD	24	<LOD
Three Sisters	5410	NC61	5	6	124	142	<LOD	<LOD	625	3155	<LOD	148.8	14.3	56	4.9	<LOD	26	<LOD
Three Sisters	5411	NC61	6	6.4	112	<LOD	<LOD	<LOD	581	4673	<LOD	520	17.1	54	3.3	3.1	24	<LOD
Three Sisters	5412	NC61	6.4	7.4	77	126	<LOD	<LOD	<LOD	9595	<LOD	476	17.3	<LOD	4.5	2.7	20	<LOD
Three Sisters	5413	NC61	7.4	7.9	85	117	<LOD	624	510	11358	<LOD	323.4	15.8	<LOD	4.2	2.7	21	<LOD
Three Sisters	5414	NC61	7.9	8.9	80	<LOD	<LOD	<LOD	395	8293	<LOD	278.4	8.8	<LOD	<LOD	2.7	13	<LOD
Three Sisters	5415	NC61	8.9	9.9	73	<LOD	<LOD	<LOD	803	10396	<LOD	315.4	9.2	<LOD	2.2	2.3	10	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Cr_ppm_xrf	Ce_ppm_xrf	P_ppm_xrf	S_ppm_xrf	Cl_ppm_xrf	K_ppm_xrf	Se_ppm_xrf	Rb_ppm_xrf	Nb_ppm_xrf	La_ppm_xrf	Hg_ppm_xrf	Tl_ppm_xrf	Th_ppm_xrf	U_ppm_xrf
Three Sisters	5416	NC61	9.9	11.9	105	<LOD	<LOD	<LOD	634	9773	<LOD	365.2	11.4	<LOD	1.9	2.4	17	<LOD
Three Sisters	5417	NC61	11.9	12.9	111	<LOD	<LOD	<LOD	586	7470	<LOD	450	10.9	<LOD	<LOD	4.1	12	<LOD
Three Sisters	5418	NC61	12.9	13.9	107	118	<LOD	<LOD	612	7105	<LOD	412	9.2	<LOD	2.5	4.1	13	<LOD
Three Sisters	5419	NC61	13.9	14.7	72	<LOD	<LOD	1656	798	7061	<LOD	468	8.1	<LOD	5.3	4.7	10	<LOD
Three Sisters	5420	NC61	14.7	15	94	550	<LOD	4029	666	3892	12	1001	<LOD	<LOD	25	<LOD	<LOD	<LOD
Three Sisters	5421	NC61	15	16	104	<LOD	<LOD	653	491	11405	<LOD	520	9.3	<LOD	3.9	3.9	12	<LOD
Three Sisters	5422	NC61	16	17	103	<LOD	<LOD	<LOD	1051	7912	<LOD	432	9.5	<LOD	2.9	3.9	19	<LOD
Three Sisters	5423	NC61	17	18	105	<LOD	<LOD	<LOD	1442	6907	<LOD	539	10	<LOD	4.7	5.4	12	<LOD
Three Sisters	5424	NC61	18	19	84	87	<LOD	<LOD	1133	14144	<LOD	441	14.3	<LOD	4	3.8	21	<LOD
Three Sisters	5425	NC61	19	20	78	86	<LOD	<LOD	1185	12957	<LOD	395.8	17.1	<LOD	3.9	5.3	23	<LOD
Three Sisters	5426	NC61	20	21	92	85	<LOD	<LOD	1209	9910	<LOD	348.5	13.6	<LOD	4.8	3.9	19	<LOD
Three Sisters	5427	NC61	21	22	64	<LOD	<LOD	<LOD	1226	9819	<LOD	373.5	14.1	<LOD	3.2	5.9	22	<LOD
Three Sisters	5428	NC61	22	23	87	82	<LOD	<LOD	1489	8640	<LOD	257.6	13.1	61	3	3.2	17	<LOD
Three Sisters	5429	NC61	23	24	111	104	<LOD	<LOD	1187	10352	<LOD	355.9	12.2	<LOD	<LOD	5.5	17	<LOD
Three Sisters	5430	NC61	24	25	130	<LOD	<LOD	<LOD	1352	13366	<LOD	543	14.8	<LOD	<LOD	8.5	19	<LOD
Three Sisters	5431	NC61	25	26	95	<LOD	<LOD	<LOD	1305	5217	<LOD	351.8	7.5	<LOD	2.9	3.9	14	<LOD
Three Sisters	5433	NC61	26	27.1	63	<LOD	<LOD	575	978	4610	<LOD	393.2	9.9	<LOD	2.1	4.5	11	<LOD
Three Sisters	5434	NC61	27.1	28.1	147	<LOD	<LOD	1096	1673	5751	<LOD	450	9.5	<LOD	5.6	5.6	14	<LOD
Three Sisters	5435	NC61	28.1	29.1	57	<LOD	<LOD	<LOD	1739	7149	<LOD	563	6.7	<LOD	6.7	7.4	16	<LOD
Three Sisters	5436	NC61	29.1	30.1	92	<LOD	<LOD	<LOD	1399	5674	<LOD	337.7	8	<LOD	6.5	6.4	11	<LOD
Three Sisters	5437	NC61	30.1	30.6	195	<LOD	<LOD	893	1323	5246	<LOD	318.4	10	<LOD	3.6	5.1	10	<LOD
Three Sisters	5438	NC61	30.6	31.6	44	<LOD	<LOD	<LOD	1213	1480	<LOD	134.2	5.7	<LOD	<LOD	<LOD	12	<LOD
Three Sisters	5439	NC61	31.6	32.6	104	<LOD	<LOD	640	1226	1938	<LOD	111.6	4.4	<LOD	2	<LOD	11	<LOD
Three Sisters	5440	NC61	32.6	33.3	94	<LOD	<LOD	<LOD	1236	2837	<LOD	202.7	8.4	<LOD	<LOD	2.6	10	<LOD
Three Sisters	5441	NC61	33.3	34.3	18	<LOD	<LOD	<LOD	964	223	<LOD	21	4.5	<LOD	<LOD	<LOD	9	<LOD
Three Sisters	5442	NC61	34.3	35	77	111	<LOD	895	1245	3914	<LOD	264	9.2	<LOD	<LOD	4.2	10	<LOD
Three Sisters	5443	NC61	35	36	73	<LOD	<LOD	<LOD	1393	7428	<LOD	327.9	10.9	<LOD	3.8	4.2	12	<LOD
Three Sisters	5444	NC61	36	37	42	<LOD	<LOD	793	1327	2657	<LOD	83.7	6.8	<LOD	2	3.5	9	<LOD
Three Sisters	5445	NC61	37	38	84	<LOD	<LOD	<LOD	1131	2410	<LOD	115.8	7.5	<LOD	<LOD	<LOD	8	<LOD
Three Sisters	5446	NC61	38	38.5	64	<LOD	<LOD	<LOD	1007	1622	<LOD	85.6	8.7	<LOD	<LOD	<LOD	13	<LOD
Three Sisters	5447	NC61	38.5	39.4	66	<LOD	<LOD	815	1556	1204	<LOD	37.8	6.8	<LOD	3.6	<LOD	<LOD	<LOD
Three Sisters	5448	NC61	39.4	39.9	157	88	<LOD	<LOD	1340	8536	<LOD	432	18.2	<LOD	5.2	5	15	<LOD
Three Sisters	5449	NC61	39.9	40.2	99	<LOD	<LOD	<LOD	1320	7203	<LOD	258	14	<LOD	4.1	5.2	14	<LOD
Three Sisters	5450	NC61	40.2	40.4	25	<LOD	<LOD	<LOD	1183	10253	<LOD	471	29.6	<LOD	2.3	3.8	48	<LOD
Three Sisters	119253	NC62	0	1.1	56	<LOD	<LOD	<LOD	571	4755	<LOD	410	19.6	<LOD	<LOD	<LOD	27	<LOD
Three Sisters	119254	NC62	1.1	2.2	13	<LOD	<LOD	<LOD	386	4612	<LOD	481	18	<LOD	4.3	2.7	50	<LOD
Three Sisters	119255	NC62	2.2	3	10	<LOD	<LOD	<LOD	638	6834	<LOD	907	18.6	<LOD	4.3	3.8	57	<LOD
Three Sisters	119256	NC62	3	4	12.7	77	<LOD	<LOD	546	7878	<LOD	631	17.6	<LOD	2.9	3.7	53	<LOD
Three Sisters	119257	NC62	4	5.45	23	86	<LOD	<LOD	381	8193	<LOD	560	21.4	49	<LOD	5	53	<LOD
Three Sisters	119258	NC62	5.45	6.1	16	<LOD	<LOD	<LOD	424	4718	<LOD	351.6	13.4	<LOD	<LOD	<LOD	35	<LOD
Three Sisters	119259	NC62	6.1	6.35	16	83	<LOD	<LOD	339	6560	<LOD	370.8	14	<LOD	<LOD	<LOD	40	<LOD
Three Sisters	119260	NC62	6.35	7.15	16	88	<LOD	<LOD	364	10414	<LOD	412.9	18.2	<LOD	3	3.9	55	<LOD
Three Sisters	119261	NC62	7.15	7.7	88	218	<LOD	<LOD	521	4131	<LOD	280	13	65	<LOD	<LOD	16	<LOD
Three Sisters	119262	NC62	7.7	8.8	15.8	<LOD	<LOD	<LOD	374	9354	<LOD	484	19.2	46	2.1	2.6	58	<LOD
Three Sisters	119263	NC62	8.8	9.7	14	75	<LOD	<LOD	530	7067	<LOD	963	20.1	<LOD	2.4	5.2	57	<LOD
Three Sisters	119264	NC62	9.7	10.35	21	97	<LOD	<LOD	362	7922	<LOD	619	19.6	<LOD	2.1	4.5	59	<LOD
Three Sisters	119266	NC62	10.35	10.9	19	<LOD	<LOD	<LOD	874	4180	<LOD	539	20.2	<LOD	5.7	3.8	53	<LOD
Three Sisters	119267	NC62	10.9	12	88	<LOD	<LOD	<LOD	568	5419	<LOD	379.6	12.7	<LOD	<LOD	2.8	11	<LOD
Three Sisters	119268	NC62	12	13	84	96	<LOD	<LOD	375	6943	<LOD	511	20.6	55	<LOD	<LOD	15	<LOD
Three Sisters	119269	NC62	13	13.7	42	<LOD	<LOD	<LOD	828	3867	<LOD	158.2	5.5	<LOD	3.5	<LOD	12	<LOD
Three Sisters	119270	NC62	13.7	14.7	79	<LOD	<LOD	<LOD	426	2718	<LOD	205.3	7.4	<LOD	2.3	3.2	11	<LOD
Three Sisters	119271	NC62	14.7	15.4	58	<LOD	<LOD	<LOD	632	465	<LOD	35.7	5	<LOD	<LOD	3.5	9	<LOD
Three Sisters	119272	NC62	15.4	17.05	17	<LOD	<LOD	<LOD	791	629	2.8	25.9	5.6	<LOD	<LOD	3.3	<LOD	<LOD
Three Sisters	119273	NC62	17.05	17.9	33	<LOD	<LOD	<LOD	752	362	<LOD	32.5	5.1	<LOD	<LOD	3	8	<LOD
Three Sisters	119274	NC62	17.9	19	44	<LOD	<LOD	<LOD	497	471	<LOD	34.2	6.8	<LOD	<LOD	<LOD	6	<LOD
Three Sisters	119275	NC62	19	20	47	<LOD	<LOD	<LOD	1005	444	<LOD	19	5.3	<LOD	5.9	5.1	8	<LOD
Three Sisters	119276	NC62	20	20.9	45	<LOD	<LOD	<LOD	638	5491	<LOD	192.6	13.8	<LOD	5.2	6.4	21	<LOD
Three Sisters	119277	NC62	20.9	22	27	<LOD	<LOD	<LOD	816	7409	<LOD	719	17.6	<LOD	5.7	5.7	39	<LOD
Three Sisters	119278	NC62	22	23	12	<LOD	<LOD	<LOD	730	7748	7.6	913	26.4	<LOD	<LOD	9.2	50	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Cr_ppm_xrf	Ce_ppm_xrf	P_ppm_xrf	S_ppm_xrf	Cl_ppm_xrf	K_ppm_xrf	Se_ppm_xrf	Rb_ppm_xrf	Nb_ppm_xrf	La_ppm_xrf	Hg_ppm_xrf	Tl_ppm_xrf	Th_ppm_xrf	U_ppm_xrf
Three Sisters	119279	NC62	23	24	14	117	<LOD	<LOD	521	7281	3	828	31.4	<LOD	<LOD	4.9	56	<LOD
Three Sisters	119280	NC62	24	25	11	92	<LOD	<LOD	487	6888	<LOD	811	20.1	<LOD	<LOD	4	54	<LOD
Three Sisters	119281	NC62	25	26	11	86	<LOD	<LOD	564	6725	<LOD	913	23.4	<LOD	<LOD	5.2	55	<LOD
Three Sisters	119282	NC62	26	26.9	11	110	<LOD	<LOD	555	7030	<LOD	952	18.2	<LOD	2.9	5.7	54	<LOD
Three Sisters	119283	NC62	26.9	27.55	29	<LOD	<LOD	<LOD	944	2140	<LOD	108.4	7.9	<LOD	3.1	4.4	12	<LOD
Three Sisters	119284	NC62	27.55	28.5	65	91	<LOD	<LOD	419	4817	<LOD	410	19	<LOD	<LOD	<LOD	14	<LOD
Three Sisters	119285	NC62	28.5	29.7	59	84	<LOD	<LOD	496	6387	<LOD	377	14.7	<LOD	<LOD	3.4	15	<LOD
Three Sisters	119286	NC62	29.7	30.9	80	104	<LOD	<LOD	469	5138	<LOD	334.6	14.4	72	2.2	<LOD	16	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Te_ppm_xrf	Pr_ppm_xrf	Nd_ppm_xrf	Sm_ppm_xrf
Higgs	4401	NC56	0	1.5	<LOD	<LOD	<LOD	<LOD
Higgs	4402	NC56	1.5	3	7	<LOD	<LOD	<LOD
Higgs	4403	NC56	3	4	<LOD	<LOD	<LOD	<LOD
Higgs	4404	NC56	4	4.55	<LOD	<LOD	<LOD	<LOD
Higgs	4405	NC56	4.55	5.5	<LOD	<LOD	<LOD	<LOD
Higgs	4406	NC56	5.5	6.37	<LOD	<LOD	<LOD	<LOD
Higgs	4407	NC56	6.37	7.25	<LOD	<LOD	<LOD	<LOD
Higgs	4408	NC56	7.25	8	<LOD	<LOD	<LOD	<LOD
Higgs	4409	NC56	8	9	<LOD	<LOD	<LOD	<LOD
Higgs	4410	NC56	9	10	<LOD	<LOD	<LOD	<LOD
Higgs	4411	NC56	10	11	<LOD	<LOD	<LOD	<LOD
Higgs	4412	NC56	11	12	<LOD	<LOD	<LOD	<LOD
Higgs	4413	NC56	12	13	<LOD	<LOD	<LOD	<LOD
Higgs	4414	NC56	13	14	<LOD	<LOD	<LOD	<LOD
Higgs	4415	NC56	14	15	<LOD	<LOD	<LOD	<LOD
Higgs	4416	NC56	15	16	<LOD	<LOD	<LOD	<LOD
Higgs	4417	NC56	16	17.1	<LOD	<LOD	<LOD	<LOD
Higgs	4418	NC56	17.1	18	<LOD	<LOD	<LOD	<LOD
Higgs	4419	NC56	18	19	<LOD	<LOD	<LOD	207
Higgs	4420	NC56	19	20	<LOD	<LOD	<LOD	140
Higgs	4421	NC56	20	21	<LOD	<LOD	<LOD	166
Higgs	4422	NC56	21	22.2	<LOD	<LOD	<LOD	<LOD
Higgs	4423	NC56	22.2	23.3	<LOD	<LOD	<LOD	<LOD
Higgs	4424	NC56	23.3	23.75	<LOD	<LOD	<LOD	<LOD
Higgs	4425	NC56	23.75	24.5	<LOD	<LOD	<LOD	<LOD
Higgs	4427	NC56	24.5	25.5	<LOD	<LOD	<LOD	203
Higgs	4428	NC56	25.5	26.5	<LOD	<LOD	<LOD	286
Higgs	4429	NC56	26.5	27.5	<LOD	<LOD	<LOD	482
Higgs	4430	NC56	27.5	28.3	<LOD	<LOD	<LOD	<LOD
Higgs	4431	NC56	28.3	29.5	<LOD	<LOD	<LOD	<LOD
Higgs	4432	NC56	29.5	30.5	<LOD	<LOD	<LOD	<LOD
Higgs	4433	NC56	30.5	31.4	<LOD	<LOD	<LOD	<LOD
Higgs	4434	NC56	31.4	32.4	<LOD	<LOD	<LOD	<LOD
Higgs	4435	NC56	32.4	32.9	<LOD	<LOD	<LOD	<LOD
Higgs	4436	NC56	32.9	34	<LOD	<LOD	<LOD	<LOD
Higgs	4437	NC56	34	35	<LOD	<LOD	<LOD	<LOD
Higgs	4438	NC56	35	36	<LOD	<LOD	<LOD	<LOD
Higgs	4439	NC56	36	36.65	<LOD	<LOD	<LOD	<LOD
Higgs	4440	NC56	36.65	36.9	<LOD	<LOD	<LOD	<LOD
Higgs	4441	NC56	36.9	38	<LOD	<LOD	<LOD	<LOD
Higgs	4442	NC56	38	39	<LOD	<LOD	<LOD	<LOD
Higgs	4443	NC56	39	40	<LOD	<LOD	<LOD	<LOD
Higgs	4444	NC56	40	41	<LOD	<LOD	<LOD	<LOD
Higgs	4445	NC56	41	42	<LOD	<LOD	<LOD	<LOD
Higgs	4446	NC56	42	43	<LOD	<LOD	<LOD	<LOD
Higgs	4447	NC56	43	44	<LOD	<LOD	<LOD	<LOD
Higgs	4448	NC56	44	45	<LOD	<LOD	<LOD	<LOD
Higgs	4449	NC56	45	46	<LOD	<LOD	<LOD	<LOD
Higgs	4450	NC56	46	47	<LOD	<LOD	<LOD	<LOD
Higgs	4452	NC56	47	47.9	<LOD	<LOD	<LOD	<LOD
Higgs	4453	NC56	47.9	49	<LOD	<LOD	<LOD	<LOD
Higgs	4454	NC56	49	50	<LOD	<LOD	<LOD	<LOD
Higgs	4455	NC56	50	51	<LOD	<LOD	<LOD	<LOD
Higgs	4456	NC56	51	52	<LOD	<LOD	<LOD	<LOD
Higgs	6752	NC57	10.4	11.4	<LOD	<LOD	<LOD	<LOD
Higgs	6753	NC57	11.4	12.5	<LOD	<LOD	<LOD	<LOD
Higgs	6754	NC57	12.5	13.3	<LOD	<LOD	<LOD	<LOD
Higgs	6755	NC57	13.3	14.3	<LOD	<LOD	<LOD	<LOD
Higgs	6756	NC57	14.3	14.9	<LOD	<LOD	<LOD	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Te_ppm_xrf	Pr_ppm_xrf	Nd_ppm_xrf	Sm_ppm_xrf
Higgs	6757	NC57	17.2	18.2	<LOD	<LOD	<LOD	<LOD
Higgs	6758	NC57	18.2	18.5	<LOD	<LOD	<LOD	<LOD
Higgs	6759	NC57	18.5	19.5	<LOD	<LOD	<LOD	<LOD
Higgs	6760	NC57	19.5	20.5	<LOD	<LOD	<LOD	<LOD
Higgs	6761	NC57	20.5	21.6	<LOD	<LOD	<LOD	<LOD
Higgs	6762	NC57	21.6	22.6	<LOD	<LOD	<LOD	244
Higgs	6763	NC57	22.6	23.6	<LOD	<LOD	<LOD	554
Higgs	6764	NC57	23.6	24.6	<LOD	<LOD	<LOD	<LOD
Higgs	6765	NC57	24.6	25.5	<LOD	<LOD	<LOD	<LOD
Higgs	6766	NC57	25.5	26.5	<LOD	<LOD	<LOD	<LOD
Higgs	6767	NC57	26.5	27.5	<LOD	<LOD	<LOD	<LOD
Higgs	6768	NC57	27.5	27.9	<LOD	<LOD	<LOD	<LOD
Higgs	6769	NC57	27.9	28.2	<LOD	<LOD	<LOD	<LOD
Higgs	6770	NC57	28.2	29.2	<LOD	<LOD	<LOD	<LOD
Higgs	6771	NC57	29.2	30.2	<LOD	<LOD	<LOD	<LOD
Higgs	6772	NC57	30.2	31.2	<LOD	<LOD	<LOD	<LOD
Higgs	6773	NC57	31.2	32.3	<LOD	<LOD	<LOD	<LOD
Higgs	6774	NC57	32.3	33.3	<LOD	<LOD	<LOD	<LOD
Higgs	6775	NC57	33.3	34.3	<LOD	<LOD	<LOD	<LOD
Higgs	6777	NC57	34.3	35.3	<LOD	<LOD	<LOD	<LOD
Higgs	6778	NC57	35.3	36.3	<LOD	<LOD	<LOD	<LOD
Higgs	6779	NC57	36.3	37.3	<LOD	<LOD	<LOD	<LOD
Higgs	6780	NC57	37.3	38.1	<LOD	<LOD	<LOD	<LOD
Higgs	6781	NC57	38.1	38.7	<LOD	<LOD	<LOD	<LOD
Higgs	6782	NC57	38.7	39.7	<LOD	<LOD	<LOD	<LOD
Higgs	6783	NC57	39.7	40.7	<LOD	<LOD	<LOD	<LOD
Higgs	6784	NC57	40.7	41.3	<LOD	<LOD	<LOD	<LOD
Higgs	6785	NC57	41.3	42.3	<LOD	298	<LOD	<LOD
Higgs	6786	NC57	42.3	43.3	<LOD	323	499	<LOD
Higgs	6787	NC57	43.3	44.3	<LOD	<LOD	<LOD	<LOD
Higgs	6788	NC57	44.3	44.8	<LOD	<LOD	<LOD	<LOD
Higgs	6789	NC57	44.8	45.8	<LOD	<LOD	<LOD	<LOD
Higgs	6790	NC57	45.8	46.1	<LOD	<LOD	<LOD	<LOD
Higgs	6791	NC57	46.1	47.1	<LOD	<LOD	<LOD	<LOD
Higgs	6792	NC57	47.1	47.7	<LOD	<LOD	<LOD	<LOD
Higgs	6793	NC57	47.7	48.7	<LOD	<LOD	<LOD	<LOD
Higgs	6794	NC57	48.7	49.4	<LOD	<LOD	<LOD	<LOD
Higgs	6795	NC57	49.4	50.4	<LOD	<LOD	<LOD	<LOD
Higgs	6796	NC57	50.4	51.5	<LOD	<LOD	<LOD	<LOD
Higgs	6797	NC57	51.5	52.5	<LOD	<LOD	<LOD	<LOD
Higgs	6798	NC57	52.5	53	<LOD	<LOD	<LOD	<LOD
Higgs	6799	NC57	53	54.1	<LOD	<LOD	<LOD	<LOD
Higgs	6800	NC57	54.1	54.4	<LOD	<LOD	<LOD	<LOD
Higgs	6802	NC57	54.4	54.5	<LOD	<LOD	<LOD	<LOD
Higgs	6803	NC57	54.5	55.5	<LOD	<LOD	<LOD	<LOD
Higgs	6804	NC57	55.5	56.5	<LOD	<LOD	<LOD	<LOD
Higgs	6805	NC57	56.5	57.5	<LOD	<LOD	<LOD	<LOD
Higgs	6806	NC57	57.5	58.5	<LOD	<LOD	<LOD	<LOD
Higgs	6807	NC57	58.5	59.5	<LOD	<LOD	<LOD	<LOD
Higgs	6808	NC57	59.5	60.5	<LOD	<LOD	<LOD	<LOD
Higgs	6809	NC57	60.5	61.5	<LOD	<LOD	<LOD	<LOD
Higgs	6810	NC57	61.5	62.5	<LOD	<LOD	<LOD	<LOD
Higgs	6811	NC57	62.5	63.5	<LOD	<LOD	<LOD	<LOD
Higgs	6812	NC57	63.5	64.5	<LOD	<LOD	<LOD	<LOD
Higgs	6813	NC57	64.5	65	<LOD	279	<LOD	<LOD
500 Lode	6814	NC58	1.7	2.7	<LOD	336	509	<LOD
500 Lode	6815	NC58	2.7	3.7	<LOD	439	626	<LOD
500 Lode	6816	NC58	3.7	4.7	<LOD	<LOD	<LOD	<LOD
500 Lode	6817	NC58	4.7	5.3	<LOD	<LOD	<LOD	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Te_ppm_xrf	Pr_ppm_xrf	Nd_ppm_xrf	Sm_ppm_xrf
500 Lode	6818	NC58	5.3	6.3	<LOD	<LOD	<LOD	<LOD
500 Lode	6819	NC58	6.3	7.3	<LOD	<LOD	<LOD	<LOD
500 Lode	6820	NC58	7.3	8.3	<LOD	<LOD	<LOD	<LOD
500 Lode	6821	NC58	8.3	8.7	<LOD	438	639	205
500 Lode	6822	NC58	8.7	9.7	<LOD	<LOD	<LOD	<LOD
500 Lode	6823	NC58	9.7	10.7	<LOD	<LOD	<LOD	<LOD
500 Lode	6824	NC58	10.7	11.7	<LOD	<LOD	<LOD	<LOD
500 Lode	6825	NC58	17	17.9	<LOD	<LOD	<LOD	<LOD
500 Lode	6827	NC58	17.9	18.1	<LOD	<LOD	<LOD	<LOD
500 Lode	6828	NC58	19.55	20.2	<LOD	<LOD	<LOD	<LOD
500 Lode	6829	NC58	20.2	21.2	<LOD	<LOD	<LOD	<LOD
500 Lode	6830	NC58	21.2	22.2	<LOD	<LOD	<LOD	<LOD
500 Lode	6831	NC58	22.2	23.2	<LOD	<LOD	<LOD	<LOD
500 Lode	6832	NC58	23.2	24.2	<LOD	<LOD	<LOD	<LOD
500 Lode	6833	NC58	24.2	25.2	<LOD	<LOD	<LOD	<LOD
500 Lode	6834	NC58	25.2	26.2	<LOD	<LOD	<LOD	<LOD
500 Lode	6857	NC59	0	3	<LOD	<LOD	<LOD	<LOD
500 Lode	6858	NC59	3	4	<LOD	<LOD	<LOD	<LOD
500 Lode	6859	NC59	4	6	<LOD	<LOD	<LOD	<LOD
500 Lode	6860	NC59	5	6	<LOD	<LOD	<LOD	<LOD
500 Lode	6861	NC59	6	7	<LOD	<LOD	<LOD	<LOD
500 Lode	6862	NC59	7	8	<LOD	<LOD	<LOD	<LOD
500 Lode	6863	NC59	8	9	<LOD	<LOD	<LOD	<LOD
500 Lode	6864	NC59	9	10	<LOD	<LOD	<LOD	<LOD
500 Lode	6835	NC59	10	11	<LOD	<LOD	<LOD	<LOD
500 Lode	6836	NC59	11	12	<LOD	<LOD	<LOD	<LOD
500 Lode	6837	NC59	12	12.7	<LOD	<LOD	<LOD	<LOD
500 Lode	6838	NC59	12.7	13.7	<LOD	<LOD	<LOD	<LOD
500 Lode	6839	NC59	13.7	14.7	<LOD	<LOD	<LOD	<LOD
500 Lode	6840	NC59	14.7	15.7	<LOD	<LOD	<LOD	<LOD
500 Lode	6841	NC59	15.7	16.7	<LOD	<LOD	<LOD	<LOD
500 Lode	6842	NC59	16.7	17.7	<LOD	<LOD	<LOD	<LOD
500 Lode	6872	NC59	17.7	18.5	<LOD	<LOD	<LOD	<LOD
500 Lode	6873	NC59	18.5	19.5	<LOD	<LOD	<LOD	<LOD
500 Lode	6874	NC59	19.5	20.5	<LOD	<LOD	<LOD	<LOD
500 Lode	6875	NC59	20.5	21.5	<LOD	<LOD	<LOD	<LOD
500 Lode	6876	NC59	21.5	22.5	<LOD	<LOD	<LOD	<LOD
500 Lode	6877	NC59	22.5	23.5	<LOD	<LOD	<LOD	<LOD
500 Lode	6878	NC59	23.5	24.5	<LOD	<LOD	<LOD	<LOD
500 Lode	6843	NC59	24.5	25.5	<LOD	<LOD	<LOD	<LOD
500 Lode	6844	NC59	25.5	26.5	<LOD	<LOD	<LOD	<LOD
500 Lode	6845	NC59	26.5	27.2	<LOD	<LOD	<LOD	<LOD
500 Lode	6846	NC59	27.2	28.2	<LOD	<LOD	<LOD	<LOD
500 Lode	6847	NC59	28.2	29.2	<LOD	<LOD	<LOD	<LOD
500 Lode	6848	NC59	29.2	30	<LOD	<LOD	<LOD	<LOD
500 Lode	6849	NC59	30	30.65	<LOD	<LOD	<LOD	<LOD
500 Lode	6850	NC59	30.65	31.65	<LOD	<LOD	<LOD	<LOD
500 Lode	6852	NC59	31.65	32.1	<LOD	<LOD	<LOD	<LOD
500 Lode	6853	NC59	32.1	33.1	<LOD	<LOD	<LOD	<LOD
500 Lode	6854	NC59	33.1	34.3	<LOD	<LOD	<LOD	<LOD
500 Lode	6855	NC59	34.3	35.1	<LOD	<LOD	<LOD	<LOD
500 Lode	6856	NC59	35.1	36.1	<LOD	<LOD	<LOD	<LOD
500 Lode	6865	NC59	36.1	37.1	<LOD	<LOD	<LOD	<LOD
500 Lode	6866	NC59	37.1	38.1	<LOD	<LOD	<LOD	<LOD
500 Lode	6867	NC59	38.1	39.1	<LOD	<LOD	<LOD	<LOD
500 Lode	6868	NC59	39.1	40.1	<LOD	<LOD	<LOD	<LOD
500 Lode	6869	NC59	40.1	41.1	<LOD	<LOD	<LOD	<LOD
500 Lode	6870	NC59	41.3	42.3	<LOD	<LOD	<LOD	<LOD
500 Lode	6871	NC59	42.3	42.5	<LOD	<LOD	<LOD	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Te_ppm_xrf	Pr_ppm_xrf	Nd_ppm_xrf	Sm_ppm_xrf
Three Sisters	4458	NC60	0	1.5	<LOD	<LOD	<LOD	<LOD
Three Sisters	4460	NC60	1.5	3	<LOD	<LOD	<LOD	<LOD
Three Sisters	4461	NC60	3	3.85	<LOD	<LOD	<LOD	<LOD
Three Sisters	4462	NC60	3.85	4.05	<LOD	<LOD	<LOD	<LOD
Three Sisters	4463	NC60	4.05	5	<LOD	<LOD	<LOD	<LOD
Three Sisters	4464	NC60	5	6	<LOD	<LOD	<LOD	<LOD
Three Sisters	4465	NC60	6	7	<LOD	<LOD	<LOD	<LOD
Three Sisters	4466	NC60	7	7.8	<LOD	<LOD	<LOD	<LOD
Three Sisters	4467	NC60	7.8	8.8	<LOD	<LOD	<LOD	<LOD
Three Sisters	4468	NC60	8.8	8.95	<LOD	<LOD	<LOD	<LOD
Three Sisters	4469	NC60	9.95	10.4	<LOD	<LOD	<LOD	<LOD
Three Sisters	4470	NC60	10.4	11.4	<LOD	<LOD	<LOD	<LOD
Three Sisters	4471	NC60	11.4	12.4	<LOD	<LOD	<LOD	<LOD
Three Sisters	4472	NC60	12.4	13.1	<LOD	<LOD	<LOD	<LOD
Three Sisters	4473	NC60	13.1	14	<LOD	<LOD	<LOD	<LOD
Three Sisters	4474	NC60	14	15	<LOD	<LOD	<LOD	<LOD
Three Sisters	4475	NC60	15	15.8	<LOD	<LOD	<LOD	<LOD
Three Sisters	4476	NC60	15.8	16.6	<LOD	<LOD	<LOD	<LOD
Three Sisters	4477	NC60	16.6	17.3	<LOD	<LOD	<LOD	<LOD
Three Sisters	4478	NC60	17.3	17.8	<LOD	<LOD	<LOD	<LOD
Three Sisters	4479	NC60	17.8	18.8	<LOD	<LOD	<LOD	<LOD
Three Sisters	4480	NC60	18.8	19.8	<LOD	<LOD	<LOD	<LOD
Three Sisters	4481	NC60	19.8	20.9	<LOD	<LOD	<LOD	<LOD
Three Sisters	4482	NC60	20.9	22	<LOD	<LOD	<LOD	<LOD
Three Sisters	4483	NC60	22	23	<LOD	<LOD	<LOD	<LOD
Three Sisters	4485	NC60	23	24	<LOD	<LOD	<LOD	<LOD
Three Sisters	4486	NC60	24	25	<LOD	<LOD	<LOD	<LOD
Three Sisters	4487	NC60	25	26	<LOD	<LOD	<LOD	<LOD
Three Sisters	4488	NC60	26	27	<LOD	<LOD	<LOD	<LOD
Three Sisters	4489	NC60	27	28	<LOD	<LOD	<LOD	<LOD
Three Sisters	4490	NC60	28	29	<LOD	<LOD	<LOD	<LOD
Three Sisters	4491	NC60	29	30	<LOD	<LOD	<LOD	<LOD
Three Sisters	4492	NC60	30	30.6	<LOD	<LOD	<LOD	<LOD
Three Sisters	4493	NC60	30.6	31	<LOD	<LOD	<LOD	<LOD
Three Sisters	4494	NC60	31	32	<LOD	<LOD	<LOD	<LOD
Three Sisters	4495	NC60	32	33	<LOD	<LOD	<LOD	<LOD
Three Sisters	4496	NC60	33	34	<LOD	<LOD	<LOD	<LOD
Three Sisters	4497	NC60	34	35	<LOD	<LOD	<LOD	<LOD
Three Sisters	4498	NC60	35	35.8	<LOD	<LOD	<LOD	<LOD
Three Sisters	4499	NC60	35.8	36.15	<LOD	<LOD	<LOD	<LOD
Three Sisters	4500	NC60	36.15	36.6	<LOD	<LOD	<LOD	<LOD
Three Sisters	4951	NC60	36.6	37.6	<LOD	<LOD	<LOD	<LOD
Three Sisters	4952	NC60	37.6	38.6	<LOD	<LOD	<LOD	<LOD
Three Sisters	4953	NC60	38.6	39.6	<LOD	<LOD	<LOD	<LOD
Three Sisters	4954	NC60	39.6	40.6	<LOD	<LOD	<LOD	<LOD
Three Sisters	4955	NC60	40.6	41.6	<LOD	<LOD	<LOD	<LOD
Three Sisters	4956	NC60	41.6	42.6	<LOD	<LOD	<LOD	<LOD
Three Sisters	4957	NC60	42.6	43.6	<LOD	<LOD	<LOD	<LOD
Three Sisters	4958	NC60	43.6	44.6	<LOD	<LOD	<LOD	<LOD
Three Sisters	4960	NC60	44.6	45.05	<LOD	<LOD	<LOD	<LOD
Three Sisters	5407	NC61	0	1.5	<LOD	<LOD	<LOD	<LOD
Three Sisters	5408	NC61	1.5	3.75	<LOD	<LOD	<LOD	<LOD
Three Sisters	5409	NC61	3.75	5	<LOD	<LOD	<LOD	<LOD
Three Sisters	5410	NC61	5	6	<LOD	<LOD	<LOD	<LOD
Three Sisters	5411	NC61	6	6.4	<LOD	<LOD	<LOD	<LOD
Three Sisters	5412	NC61	6.4	7.4	<LOD	<LOD	<LOD	<LOD
Three Sisters	5413	NC61	7.4	7.9	<LOD	<LOD	<LOD	<LOD
Three Sisters	5414	NC61	7.9	8.9	<LOD	<LOD	<LOD	<LOD
Three Sisters	5415	NC61	8.9	9.9	<LOD	<LOD	<LOD	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Te_ppm_xrf	Pr_ppm_xrf	Nd_ppm_xrf	Sm_ppm_xrf
Three Sisters	5416	NC61	9.9	11.9	<LOD	<LOD	<LOD	<LOD
Three Sisters	5417	NC61	11.9	12.9	<LOD	<LOD	<LOD	<LOD
Three Sisters	5418	NC61	12.9	13.9	<LOD	<LOD	<LOD	<LOD
Three Sisters	5419	NC61	13.9	14.7	<LOD	<LOD	<LOD	<LOD
Three Sisters	5420	NC61	14.7	15	<LOD	6639	12267	7397
Three Sisters	5421	NC61	15	16	<LOD	<LOD	<LOD	<LOD
Three Sisters	5422	NC61	16	17	<LOD	<LOD	<LOD	<LOD
Three Sisters	5423	NC61	17	18	<LOD	<LOD	<LOD	<LOD
Three Sisters	5424	NC61	18	19	<LOD	274	<LOD	<LOD
Three Sisters	5425	NC61	19	20	<LOD	<LOD	<LOD	<LOD
Three Sisters	5426	NC61	20	21	<LOD	<LOD	<LOD	<LOD
Three Sisters	5427	NC61	21	22	<LOD	<LOD	<LOD	<LOD
Three Sisters	5428	NC61	22	23	<LOD	<LOD	<LOD	<LOD
Three Sisters	5429	NC61	23	24	<LOD	<LOD	<LOD	<LOD
Three Sisters	5430	NC61	24	25	<LOD	<LOD	<LOD	<LOD
Three Sisters	5431	NC61	25	26	<LOD	<LOD	<LOD	<LOD
Three Sisters	5433	NC61	26	27.1	<LOD	<LOD	<LOD	<LOD
Three Sisters	5434	NC61	27.1	28.1	<LOD	<LOD	<LOD	<LOD
Three Sisters	5435	NC61	28.1	29.1	<LOD	<LOD	<LOD	<LOD
Three Sisters	5436	NC61	29.1	30.1	<LOD	<LOD	<LOD	<LOD
Three Sisters	5437	NC61	30.1	30.6	<LOD	<LOD	<LOD	<LOD
Three Sisters	5438	NC61	30.6	31.6	<LOD	<LOD	<LOD	<LOD
Three Sisters	5439	NC61	31.6	32.6	<LOD	<LOD	<LOD	<LOD
Three Sisters	5440	NC61	32.6	33.3	<LOD	<LOD	<LOD	<LOD
Three Sisters	5441	NC61	33.3	34.3	<LOD	<LOD	<LOD	<LOD
Three Sisters	5442	NC61	34.3	35	<LOD	<LOD	<LOD	<LOD
Three Sisters	5443	NC61	35	36	<LOD	<LOD	<LOD	<LOD
Three Sisters	5444	NC61	36	37	<LOD	<LOD	<LOD	<LOD
Three Sisters	5445	NC61	37	38	<LOD	<LOD	<LOD	<LOD
Three Sisters	5446	NC61	38	38.5	<LOD	<LOD	<LOD	<LOD
Three Sisters	5447	NC61	38.5	39.4	<LOD	<LOD	<LOD	<LOD
Three Sisters	5448	NC61	39.4	39.9	<LOD	287	463	<LOD
Three Sisters	5449	NC61	39.9	40.2	<LOD	<LOD	<LOD	<LOD
Three Sisters	5450	NC61	40.2	40.4	<LOD	<LOD	<LOD	<LOD
Three Sisters	119253	NC62	0	1.1	<LOD	<LOD	<LOD	<LOD
Three Sisters	119254	NC62	1.1	2.2	<LOD	<LOD	<LOD	<LOD
Three Sisters	119255	NC62	2.2	3	<LOD	<LOD	<LOD	<LOD
Three Sisters	119256	NC62	3	4	<LOD	<LOD	<LOD	<LOD
Three Sisters	119257	NC62	4	5.45	<LOD	<LOD	<LOD	<LOD
Three Sisters	119258	NC62	5.45	6.1	<LOD	<LOD	<LOD	<LOD
Three Sisters	119259	NC62	6.1	6.35	<LOD	<LOD	<LOD	<LOD
Three Sisters	119260	NC62	6.35	7.15	<LOD	<LOD	<LOD	<LOD
Three Sisters	119261	NC62	7.15	7.7	<LOD	<LOD	<LOD	<LOD
Three Sisters	119262	NC62	7.7	8.8	<LOD	<LOD	<LOD	<LOD
Three Sisters	119263	NC62	8.8	9.7	<LOD	<LOD	<LOD	<LOD
Three Sisters	119264	NC62	9.7	10.35	<LOD	<LOD	<LOD	<LOD
Three Sisters	119266	NC62	10.35	10.9	<LOD	<LOD	<LOD	<LOD
Three Sisters	119267	NC62	10.9	12	<LOD	<LOD	<LOD	<LOD
Three Sisters	119268	NC62	12	13	<LOD	<LOD	<LOD	<LOD
Three Sisters	119269	NC62	13	13.7	<LOD	<LOD	<LOD	<LOD
Three Sisters	119270	NC62	13.7	14.7	<LOD	<LOD	<LOD	<LOD
Three Sisters	119271	NC62	14.7	15.4	<LOD	<LOD	<LOD	<LOD
Three Sisters	119272	NC62	15.4	17.05	<LOD	<LOD	<LOD	<LOD
Three Sisters	119273	NC62	17.05	17.9	<LOD	<LOD	<LOD	<LOD
Three Sisters	119274	NC62	17.9	19	<LOD	<LOD	<LOD	<LOD
Three Sisters	119275	NC62	19	20	<LOD	324	520	<LOD
Three Sisters	119276	NC62	20	20.9	<LOD	329	443	<LOD
Three Sisters	119277	NC62	20.9	22	<LOD	268	397	<LOD
Three Sisters	119278	NC62	22	23	<LOD	<LOD	<LOD	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Te_ppm_xrf	Pr_ppm_xrf	Nd_ppm_xrf	Sm_ppm_xrf
Three Sisters	119279	NC62	23	24	<LOD	<LOD	<LOD	<LOD
Three Sisters	119280	NC62	24	25	<LOD	<LOD	<LOD	<LOD
Three Sisters	119281	NC62	25	26	<LOD	<LOD	<LOD	<LOD
Three Sisters	119282	NC62	26	26.9	<LOD	<LOD	<LOD	<LOD
Three Sisters	119283	NC62	26.9	27.55	<LOD	391	592	<LOD
Three Sisters	119284	NC62	27.55	28.5	<LOD	<LOD	<LOD	<LOD
Three Sisters	119285	NC62	28.5	29.7	<LOD	<LOD	<LOD	<LOD
Three Sisters	119286	NC62	29.7	30.9	<LOD	<LOD	<LOD	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Interval_m	lab_batch	Au_ppm	Au_rpt	xrf_batch	Sn_ppm_xrf	W_xrf_ppm	Ag_ppm_xrf	Cu_ppm_xrf	Pb_ppm_xrf	Zn_ppm_xrf	Bi_ppm_xrf	Cd_ppm_xrf
Narrawa	6717	NC04_CH1	0	2	2	BU12030391	1.31		exportData-11-04-12	311	<LOD	<LOD	229	447	87	290	<LOD
Narrawa	6718	NC04_CH1	2	4	2	BU12030391	0.79		exportData-11-04-12	203	<LOD	<LOD	144	219	101	313	<LOD
Narrawa	6719	NC04_CH1	4	6	2	BU12030391	0.41		exportData-11-04-12	98	<LOD	<LOD	46	98	85	24	<LOD
Narrawa	6720	NC04_CH1	6	8	2	BU12030391	1.36		exportData-11-04-12	457	18	<LOD	123	443	142	65	<LOD
Narrawa	6721	NC04_CH1	8	10	2	BU12030391	0.91		exportData-11-04-12	263	<LOD	<LOD	110	326	162	114	<LOD
Narrawa	6722	NC04_CH1	10	12	2	BU12030391	0.36		exportData-11-04-12	224	25	<LOD	48	121	78	78	<LOD
Narrawa	6723	NC04_CH2	0	2	2	BU12030391	0.67		exportData-11-04-12	105	<LOD	<LOD	325	992	86	243	<LOD
Narrawa	6724	NC04_CH2	2	4	2	BU12030391	0.96		exportData-11-04-12	293	<LOD	<LOD	150	337	104	118	<LOD
Narrawa	6725	NC04_CH2	4	6	2	BU12030391	11.4		exportData-11-04-12	226	<LOD	<LOD	224	720	154	305	<LOD
Narrawa	6726	NC04_CH2	6	7	1	BU12030391	0.19		exportData-11-04-12	138	23	<LOD	64	97	127	22	<LOD
Narrawa	6727	NC04_CH2	8	10	2	BU12030391	3		exportData-11-04-12	189	19	<LOD	201	307	147	147	<LOD
Narrawa	6728	NC04_CH2	10	12	2	BU12030391	0.61		exportData-11-04-12	228	<LOD	<LOD	184	551	132	194	<LOD
Squib	9001	SQCH1	0	2	2	2AD2119	0.03		exportData-07-01-11	38	724	<LOD	86	23	<LOD	87	<LOD
Squib	9002	SQCH1	2	4	2	2AD2119	0.02		exportData-07-01-11	57	303	<LOD	54	19	5	52	<LOD
Squib	9003	SQCH2	0	2	2	2AD2119	0.08		exportData-07-01-11	65	781	<LOD	184	24	14	179	<LOD
Squib	9004	SQCH2	2	4	2	2AD2119	0.02		exportData-07-01-11	42	454	<LOD	149	19	20	149	<LOD
Squib	9005	SQCH2	4	6	2	2AD2119	0.03		exportData-07-01-11	38	339	<LOD	185	23	37	164	<LOD
Squib	9006	SQCH2	6	8	2	2AD2119	0.06		exportData-07-01-11	75	746	<LOD	125	13	11	108	<LOD
Squib	9007	SQCH2	8	10.5	2.5	2AD2119	0.03		exportData-07-01-11	80	563	<LOD	98	10	15	72	<LOD
Squib	9008	SQCH3	0	2	2	2AD2119	0.01		exportData-07-01-11	41	298	<LOD	71	11	9	54	<LOD
Squib	9009	SQCH3	2	4	2	2AD2119	0.01		exportData-07-01-11	46	698	<LOD	81	7	<LOD	50	<LOD
Squib	9010	SQCH3	4	6	2	2AD2119	0.08		exportData-07-01-11	59	1031	<LOD	102	6	<LOD	69	<LOD
Squib	9011	SQCH3	6	8	2	2AD2119	0.02		exportData-07-01-11	78	818	<LOD	101	12	<LOD	77	<LOD
Squib	9012	SQCH3	8	10	2	2AD2119	0.04		exportData-07-01-11	39	763	<LOD	113	13	<LOD	102	<LOD
Squib	9013	SQCH3	10	12	2	2AD2119	0.02		exportData-07-01-11	22	587	<LOD	72	17	6	133	<LOD
Squib	9014	SQCH3	12	14	2	2AD2119	0.01		exportData-07-01-11	16	464	<LOD	73	19	8	67	<LOD
Squib	9015	SQCH3	14	16	2	2AD2119	0.02		exportData-07-01-11	12	514	<LOD	104	33	16	160	<LOD
Squib	9016	SQCH3	16	18	2	2AD2119	0.02		exportData-07-01-11	12	199	<LOD	105	43	39	169	<LOD
Squib	9017	SQCH3	18	20	2	2AD2119	0.03		exportData-07-01-11	43	142	<LOD	80	27	25	210	<LOD
Squib	9018	SQCH3	20	22	2	2AD2119	0.03		exportData-07-01-11	13	189	<LOD	70	30	11	222	<LOD
Squib	9019	SQCH3	22	24	2	2AD2119	0.04		exportData-07-01-11	15	252	<LOD	84	57	17	280	<LOD
Squib	9020	SQCH3	24	26	2	2AD2119	0.29		exportData-07-01-11	34	1253	<LOD	104	26	<LOD	256	<LOD
Squib	9021	SQCH3	26	28	2	2AD2119	0.01		exportData-07-01-11	36	845	<LOD	84	24	<LOD	81	<LOD
Squib	9022	SQCH3	28	30.6	2.6	2AD2119	0.04		exportData-07-01-11	17	694	<LOD	111	38	<LOD	114	<LOD
Squib	9023	SQCH4	0	2	2	2AD2119	0.06		exportData-07-01-11	33	694	<LOD	93	33	<LOD	402	<LOD
Squib	9024	SQCH5	0	2	2	2AD2119	0.05		exportData-07-01-11	42	1354	<LOD	104	19	<LOD	209	<LOD
Squib	9025	SQCH5	2	4	2	2AD2119	0.04		exportData-07-01-11	33	1041	<LOD	108	28	<LOD	361	<LOD
Squib	9026	SQCH5	4	6	2	2AD2119	0.03		exportData-07-01-11	29	734	<LOD	121	27	<LOD	302	<LOD
Squib	9027	SQCH5	6	8	2	2AD2119	0.02		exportData-07-01-11	19	351	<LOD	68	18	<LOD	121	<LOD
Squib	9028	SQCH5	8	10	2	2AD2119	0.08		exportData-07-01-11	125	1032	<LOD	98	10	<LOD	259	<LOD
Squib	9029	SQCH5	10	12.2	2.2	2AD2119	0.06		exportData-07-01-11	55	1434	<LOD	107	14	<LOD	158	2
Squib	9030	SQCH6	0	2	2	2AD2119	0.05		exportData-07-01-11	74	415	<LOD	93	32	9	154	<LOD
Squib	9031	SQCH7	0	2	2	2AD2119	0.04		exportData-07-01-11	25	340	<LOD	124	33	20	146	<LOD
Squib	9032	SQCH8	0	2	2	2AD2119	0.01		exportData-07-01-11	82	567	<LOD	43	11	<LOD	36	<LOD
Squib	9033	SQCH8	2	4	2	2AD2119	0.01		exportData-07-01-11	51	409	<LOD	44	11	<LOD	56	<LOD
Squib	9034	SQCH8	4	6	2	2AD2119	0.02		exportData-07-01-11	75	535	<LOD	74	12	<LOD	77	<LOD
Squib	9035	SQCH8	6	9	3	2AD2119	0.02		exportData-07-01-11	16	221	<LOD	66	25	18	41	<LOD
Packetts	9901	PCH1	0	2	2	BU12003558	0.02		exportData-26-01-12	97	2338	<LOD	<LOD	3335	56	413	<LOD
Packetts	9902	PCH1	2	3.8	1.8	BU12003558	0.06		exportData-26-01-12	236	41	<LOD	<LOD	2001	17.3	140	<LOD
Packetts	9903	PCH1	3.8	5.8	2	BU12003558	0.02		exportData-26-01-12	687	35	<LOD	<LOD	1159	37.9	22	3.2
Packetts	9904	PCH1	5.8	7.6	1.8	BU12003558	0.09		exportData-26-01-12	1107	84	<LOD	47	1374	29.9	77	<LOD
Packetts	9905	PCH1	7.6	9	1.4	BU12003558	0.16		exportData-26-01-12	635	38	<LOD	<LOD	1374	34.9	<LOD	<LOD
Packetts	9906	PCH2	0	2	2	BU12003558	0.7		exportData-26-01-12	577	292	<LOD	<LOD	2611	45.1	70	<LOD
Packetts	9908	PCH3	0	2	2	BU12003558	0.15		exportData-26-01-12	111	63	<LOD	9	2294	15.8	84	<LOD
Packetts	9909	PCH3	2	4	2	BU12003558	0.09		exportData-26-01-12	52.2	105	<LOD	<LOD	217	11.9	<LOD	<LOD
Packetts	9910	PCH3	4	6	2	BU12003558	<0.01		exportData-26-01-12	10.8	64	<LOD	<LOD	63.8	16.8	<LOD	<LOD
Packetts	9911	PCH3	6	8	2	BU12003558	<0.01		exportData-26-01-12	165	58	<LOD	<LOD	60.2	17.6	12	<LOD
Packetts	9912	PCH4	0	2	2	BU12003558	<0.01		exportData-26-01-12	70	127	<LOD	<LOD	73	17.6	<LOD	<LOD
Packetts	9913	PCH4	2	4	2	BU12003558	0.02		exportData-26-01-12	65	69	<LOD	<LOD	56.7	14.4	<LOD	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Interval_m	lab_batch	Au_ppm	Au_rpt	xrf_batch	Sn_ppm_xrf	W_xrf_ppm	Ag_ppm_xrf	Cu_ppm_xrf	Pb_ppm_xrf	Zn_ppm_xrf	Bi_ppm_xrf	Cd_ppm_xrf
Packetts	9914	PCH4	4	6	2	BU12003558	0.1		exportData-26-01-12	69	59	<LOD	<LOD	54.8	14.7	29	<LOD
Packetts	9915	PCH4	6	8	2	BU12003558	<0.01		exportData-26-01-12	46.6	32	<LOD	<LOD	32.4	11	<LOD	<LOD
Packetts	9916	PCH4	8	10	2	BU12003558	<0.01		exportData-26-01-12	63	20	<LOD	<LOD	19.1	24	<LOD	<LOD
Packetts	9917	PCH4	10	12	2	BU12003558	0.01		exportData-26-01-12	48.2	22	<LOD	<LOD	25.5	15.5	<LOD	<LOD
Packetts	9918	PCH5	0	2	2	BU12003558	0.02		exportData-26-01-12	59.9	66	<LOD	<LOD	91.7	25.6	28	<LOD
Packetts	9919	PCH5	2	3	1	BU12003558	0.12		exportData-26-01-12	348	79	<LOD	<LOD	63.4	36.3	56	<LOD
Packetts	9920	PCH5	3	5	2	BU12003558	0.77		exportData-26-01-12	264	110	<LOD	<LOD	83.9	19.3	162	<LOD
Packetts	9921	PCH6	0	2	2	BU12003558	0.04		exportData-26-01-12	49.9	57	<LOD	<LOD	26.2	11.1	<LOD	<LOD
Packetts	9922	PCH6	2	4	2	BU12003558	0.1		exportData-26-01-12	57.3	64	<LOD	<LOD	28.4	9.6	<LOD	<LOD
Packetts	9923	PCH6	4	6	2	BU12003558	0.14		exportData-26-01-12	47.7	86	<LOD	<LOD	31.3	11.2	<LOD	<LOD
Packetts	9924	PCH6	6	7	1	BU12003558	0.01		exportData-26-01-12	44.1	69	<LOD	<LOD	34.5	11.8	<LOD	<LOD
Packetts	9925	PCH7	0	2	2	BU12003558	0.14		exportData-26-01-12	410	79	<LOD	<LOD	59.8	31.4	290	<LOD
Packetts	9926	PCH7	2	4	2	BU12003558	0.39		exportData-26-01-12	255	99	<LOD	<LOD	69.3	28.1	317	<LOD
Packetts	9928	PCH8	2	3.5	1.5	BU12003558	<0.01		exportData-26-01-12	84	<LOD	<LOD	<LOD	13.6	5.4	<LOD	<LOD
Packetts	9929	PCH9	0	1.5	1.5	BU12003558	<0.01		exportData-26-01-12	22.9	37	<LOD	<LOD	9.7	5.8	19	<LOD
Squib	9930	SQCH	0	2	2	BU12003558	<0.01		exportData-26-01-12	17.6	405	<LOD	<LOD	20.8	17	71	<LOD
Squib	9931	SQCH	2	4	2	BU12003558	0.02		exportData-26-01-12	10.8	301	<LOD	<LOD	18.8	13.8	28	<LOD
Packetts	9932	PCH2	2	3.8	1.8	BU12003558	0.13		exportData-26-01-12	348	206	<LOD	<LOD	1391	172	77	<LOD
Packetts	9933	PCH8	0	2	2	BU12003558	<0.01		exportData-26-01-12	66	10	<LOD	<LOD	14.8	14.4	<LOD	2.9

Prospect	sample_no	hole_id	from_m	to_m	Mo_ppm_xrf	Fe_ppm_xrf	As_ppm_xrf	Ba_ppm_xrf	Ta_ppm_xrf	Zr_ppm_xrf	Ti_ppm_xrf	Ni_ppm_xrf	Co_ppm_xrf	Sb_ppm_xrf	V_ppm_xrf	Sc_ppm_xrf	Y_ppm_xrf
Narrawa	6717	NC04_CH1	0	2	7.2	604616	<LOD	112	<LOD	84	932	<LOD	155	<LOD	<LOD	<LOD	<LOD
Narrawa	6718	NC04_CH1	2	4	4.3	310876	2724	64	<LOD	84	744	<LOD	93.5	<LOD	<LOD	<LOD	13.9
Narrawa	6719	NC04_CH1	4	6	<LOD	153502	221	<LOD	<LOD	86	769	<LOD	58	<LOD	<LOD	<LOD	6.9
Narrawa	6720	NC04_CH1	6	8	<LOD	185319	2235	106	6.1	264	2931	<LOD	73.9	<LOD	31	<LOD	12.3
Narrawa	6721	NC04_CH1	8	10	10.6	237766	1381	83	<LOD	154	2415	<LOD	84.2	8	37	<LOD	10
Narrawa	6722	NC04_CH1	10	12	5.2	149750	768	160	9.2	179	2639	<LOD	46.7	<LOD	47	<LOD	15.4
Narrawa	6723	NC04_CH2	0	2	<LOD	807897	1520	<LOD	<LOD	102	771	<LOD	215	<LOD	<LOD	<LOD	<LOD
Narrawa	6724	NC04_CH2	2	4	<LOD	365119	477	71	<LOD	116	1653	<LOD	83.1	<LOD	<LOD	<LOD	6.8
Narrawa	6725	NC04_CH2	4	6	<LOD	747391	306	<LOD	<LOD	94	740	<LOD	200	<LOD	<LOD	<LOD	<LOD
Narrawa	6726	NC04_CH2	6	7	7.5	67487	73	115	8.5	223	2119	<LOD	28.3	<LOD	42	<LOD	14.6
Narrawa	6727	NC04_CH2	8	10	11.7	460150	788	<LOD	<LOD	85	1134	<LOD	171	<LOD	<LOD	<LOD	<LOD
Narrawa	6728	NC04_CH2	10	12	<LOD	579113	2066	<LOD	<LOD	59	716	<LOD	188	<LOD	<LOD	<LOD	<LOD
Squib	9001	SQCH1	0	2	80	19983	38	65		63	550	<LOD	12	<LOD	20		41
Squib	9002	SQCH1	2	4	33	14821	19	57		96	1392	<LOD	8	<LOD	16		39
Squib	9003	SQCH2	0	2	278	77847	97	71		48	746	<LOD	38	<LOD	14		37
Squib	9004	SQCH2	2	4	192	47101	77	31		67	545	<LOD	24	<LOD	<LOD		36
Squib	9005	SQCH2	4	6	271	70564	82	35		52	507	<LOD	35	<LOD	<LOD		33
Squib	9006	SQCH2	6	8	89	24246	33	40		72	1367	<LOD	12	<LOD	19		32
Squib	9007	SQCH2	8	10.5	56	17490	26	33		74	870	<LOD	9	<LOD	14		33
Squib	9008	SQCH3	0	2	61	21445	23	<LOD		67	279	<LOD	11	<LOD	<LOD		37
Squib	9009	SQCH3	2	4	43	14743	23	38		59	276	<LOD	7	<LOD	8		30
Squib	9010	SQCH3	4	6	44	15122	24	39		53	256	<LOD	8	<LOD	5		40
Squib	9011	SQCH3	6	8	66	17310	29	29		58	370	<LOD	9	<LOD	14		39
Squib	9012	SQCH3	8	10	63	22303	35	27		51	222	<LOD	11	<LOD	<LOD		37
Squib	9013	SQCH3	10	12	20	7308	13	30		66	304	<LOD	4	<LOD	19		40
Squib	9014	SQCH3	12	14	54	7658	10	<LOD		66	228	<LOD	4	<LOD	7		45
Squib	9015	SQCH3	14	16	236	23367	24	42		69	299	<LOD	13	<LOD	6		37
Squib	9016	SQCH3	16	18	229	20392	33	28		68	307	<LOD	11	<LOD	13		36
Squib	9017	SQCH3	18	20	103	21862	24	127		60	233	<LOD	11	<LOD	<LOD		34
Squib	9018	SQCH3	20	22	171	32985	35	81		57	229	<LOD	17	<LOD	<LOD		48
Squib	9019	SQCH3	22	24	449	43189	48	<LOD		79	455	<LOD	23	<LOD	<LOD		34
Squib	9020	SQCH3	24	26	137	18592	40	39		49	1184	<LOD	10	<LOD	106		45
Squib	9021	SQCH3	26	28	101	16704	18	<LOD		69	464	<LOD	8	<LOD	5		30
Squib	9022	SQCH3	28	30.6	227	22378	40	<LOD		89	729	<LOD	11	<LOD	13		31
Squib	9023	SQCH4	0	2	249	30050	94	<LOD		74	879	<LOD	16	6	<LOD		31
Squib	9024	SQCH5	0	2	116	24132	31	<LOD		70	1068	<LOD	13	<LOD	12		34
Squib	9025	SQCH5	2	4	170	23653	52	27		76	833	<LOD	13	<LOD	16		32
Squib	9026	SQCH5	4	6	199	26931	52	30		66	535	<LOD	15	7	6		34
Squib	9027	SQCH5	6	8	37	7440	19	<LOD		77	511	<LOD	4	<LOD	6		36
Squib	9028	SQCH5	8	10	130	20279	33	<LOD		51	647	<LOD	11	<LOD	6		48
Squib	9029	SQCH5	10	12.2	113	20693	33	<LOD		71	1199	<LOD	11	<LOD	18		30
Squib	9030	SQCH6	0	2	81	14773	24	<LOD		76	315	<LOD	8	<LOD	5		42
Squib	9031	SQCH7	0	2	131	22567	38	<LOD		69	356	<LOD	12	<LOD	5		58
Squib	9032	SQCH8	0	2	39	18120	16	<LOD		132	2167	<LOD	9	<LOD	28		22
Squib	9033	SQCH8	2	4	27	17364	17	<LOD		73	753	<LOD	9	<LOD	11		40
Squib	9034	SQCH8	4	6	81	32419	31	43		66	1140	<LOD	17	<LOD	8		34
Squib	9035	SQCH8	6	9	34	8634	18	34		84	324	<LOD	5	<LOD	9		31
Packetts	9901	PCH1	0	2	3.9	5980	<LOD	114	17	31.3	931	35	2	<LOD	35.5		35.4
Packetts	9902	PCH1	2	3.8	5.2	2873	<LOD	162	<LOD	82	1748	<LOD	<LOD	<LOD	52.1		39.1
Packetts	9903	PCH1	3.8	5.8	11.3	5741	<LOD	233	11.1	247	3201	<LOD	2.1	<LOD	72		47.9
Packetts	9904	PCH1	5.8	7.6	107	22147	<LOD	196	11.2	166	2150	<LOD	8.7	12.3	61		36
Packetts	9905	PCH1	7.6	9	4.7	3157	<LOD	207	5	188	2107	<LOD	1.1	<LOD	63.7		56.9
Packetts	9906	PCH2	0	2	32.3	2638	<LOD	110	<LOD	371	2132	35	<LOD	<LOD	54.8		73.7
Packetts	9908	PCH3	0	2	5.4	3949	<LOD	142	<LOD	72.1	993	<LOD	1.5	<LOD	31.8		47
Packetts	9909	PCH3	2	4	6	2926	<LOD	107	4.5	92	817	<LOD	<LOD	<LOD	25.1		18.2
Packetts	9910	PCH3	4	6	<LOD	3300	<LOD	82	<LOD	256	1162	<LOD	1.1	<LOD	33.6		19.4
Packetts	9911	PCH3	6	8	18.4	4354	4.9	49	4.1	166	1234	<LOD	1.5	<LOD	27.4		16.6
Packetts	9912	PCH4	0	2	<LOD	5346	<LOD	143	8.5	340	2950	<LOD	2.1	<LOD	52.6		26.2
Packetts	9913	PCH4	2	4	4.2	4873	4.7	140	10.8	287	2874	<LOD	1.9	<LOD	53.1		26.4

Prospect	sample_no	hole_id	from_m	to_m	Mo_ppm_xrf	Fe_ppm_xrf	As_ppm_xrf	Ba_ppm_xrf	Ta_ppm_xrf	Zr_ppm_xrf	Ti_ppm_xrf	Ni_ppm_xrf	Co_ppm_xrf	Sb_ppm_xrf	V_ppm_xrf	Sc_ppm_xrf	Y_ppm_xrf
Packetts	9914	PCH4	4	6	6.4	3778	7.8	95	11.1	294	2759	<LOD	1.5	<LOD	41.8		22.3
Packetts	9915	PCH4	6	8	5.1	5111	<LOD	83	7.7	298	2647	<LOD	2.2	<LOD	36.7		17.8
Packetts	9916	PCH4	8	10	<LOD	4242	4.4	72	4.4	278	2085	<LOD	1.7	<LOD	38.5		15.3
Packetts	9917	PCH4	10	12	3.3	5435	24	107	5.9	251	2662	<LOD	2.1	<LOD	49.8		23.1
Packetts	9918	PCH5	0	2	12.5	3228	<LOD	160	5.2	147	1377	<LOD	1.2	<LOD	51.8		25.1
Packetts	9919	PCH5	2	3	21.5	5772	<LOD	251	14.8	178	2269	<LOD	2.5	<LOD	59.4		30.4
Packetts	9920	PCH5	3	5	61.2	2340	14.9	178	12.7	366	2015	<LOD	1.2	7.1	49.9		37.4
Packetts	9921	PCH6	0	2	7.6	10375	6.5	69	7.3	241	2940	<LOD	4.3	<LOD	41.7		18.8
Packetts	9922	PCH6	2	4	5.9	10264	8.4	42	5.4	270	2839	<LOD	4.2	<LOD	<LOD		17.1
Packetts	9923	PCH6	4	6	7.8	3912	4	48	9.4	262	3170	<LOD	1.5	<LOD	40.7		17.8
Packetts	9924	PCH6	6	7	9.5	5050	3.6	53	14.3	258	3376	<LOD	2.1	<LOD	42.8		17.9
Packetts	9925	PCH7	0	2	20.9	3882	<LOD	60	13.7	362	2777	<LOD	1.3	<LOD	47.2		29
Packetts	9926	PCH7	2	4	26.3	10384	7.9	124	19.5	315	2781	<LOD	4.2	7.3	56		28.6
Packetts	9928	PCH8	2	3.5	7	10046	28.7	41	2.8	161	975	<LOD	4.7	<LOD	19.4		12.3
Packetts	9929	PCH9	0	1.5	5.6	15387	18.2	<LOD	5.5	96.1	1487	<LOD	6.5	<LOD	24.5		6.7
Squib	9930	SQCH	0	2	77.2	10876	11.8	26	19.2	85.8	416	<LOD	4.6	<LOD	13.7		29
Squib	9931	SQCH	2	4	34.4	8353	7.8	<LOD	19.6	84.6	376	<LOD	3.3	<LOD	13.6		33.2
Packetts	9932	PCH2	2	3.8	25.8	3366	<LOD	96	6.9	372	2827	43	1.4	<LOD	55.7		59.4
Packetts	9933	PCH8	0	2	6.8	15767	22	44	3.3	133	1162	<LOD	6.3	<LOD	20.7		12.1

Prospect	sample_no	hole_id	from_m	to_m	Sr_ppm_xrf	Mn_ppm_xrf	Cr_ppm_xrf	Ce_ppm_xrf	P_ppm_xrf	S_ppm_xrf	Cl_ppm_xrf	K_ppm_xrf	Se_ppm_xrf	Rb_ppm_xrf	Nb_ppm_xrf	La_ppm_xrf	Hg_ppm_xrf
Narrawa	6717	NC04_CH1	0	2	<LOD	6696	104	178	<LOD	2401	<LOD	1250	<LOD	74.6	<LOD	<LOD	17.8
Narrawa	6718	NC04_CH1	2	4	4.4	4478	126	<LOD	<LOD	1456	<LOD	586	<LOD	25.3	<LOD	<LOD	<LOD
Narrawa	6719	NC04_CH1	4	6	3.8	982	98	<LOD	<LOD	1796	<LOD	524	<LOD	12.7	<LOD	<LOD	<LOD
Narrawa	6720	NC04_CH1	6	8	9.5	2635	229	124	<LOD	1214	<LOD	4584	<LOD	144.2	7.2	<LOD	<LOD
Narrawa	6721	NC04_CH1	8	10	4.7	2936	297	126	<LOD	1220	<LOD	3604	<LOD	145.9	5.9	<LOD	<LOD
Narrawa	6722	NC04_CH1	10	12	12	5704	181	120	<LOD	<LOD	<LOD	4780	3.7	149.2	7.8	<LOD	<LOD
Narrawa	6723	NC04_CH2	0	2	<LOD	3263	322	<LOD	<LOD	3281	<LOD	998	<LOD	73	<LOD	<LOD	16
Narrawa	6724	NC04_CH2	2	4	3.6	6959	185	<LOD	<LOD	1427	<LOD	998	<LOD	40.4	<LOD	<LOD	9
Narrawa	6725	NC04_CH2	4	6	<LOD	3697	339	<LOD	<LOD	2146	<LOD	517	<LOD	61	<LOD	<LOD	7
Narrawa	6726	NC04_CH2	6	7	9.2	424	311	<LOD	<LOD	970	<LOD	3015	3.8	125.7	10.7	<LOD	<LOD
Narrawa	6727	NC04_CH2	8	10	<LOD	1557	254	<LOD	<LOD	1177	<LOD	346	<LOD	38.1	<LOD	<LOD	<LOD
Narrawa	6728	NC04_CH2	10	12	<LOD	2532	165	<LOD	<LOD	<LOD	<LOD	1000	<LOD	90.3	<LOD	<LOD	8.7
Squib	9001	SQCH1	0	2	8	106	18	<LOD	<LOD	1191	662	3014	8	258	38	<LOD	<LOD
Squib	9002	SQCH1	2	4	9	103	17	<LOD	<LOD	917	622	5083	3	257	44	<LOD	<LOD
Squib	9003	SQCH2	0	2	5	187	48	111	<LOD	1535	526	9279	8	359	38	<LOD	<LOD
Squib	9004	SQCH2	2	4	5	148	32	<LOD	<LOD	1432	757	12520	6	437	37	<LOD	<LOD
Squib	9005	SQCH2	4	6	5	153	29	<LOD	<LOD	1595	501	8810	4	352	31	<LOD	<LOD
Squib	9006	SQCH2	6	8	6	176	26	<LOD	<LOD	1427	653	7514	9	347	44	<LOD	<LOD
Squib	9007	SQCH2	8	10.5	7	164	24	<LOD	<LOD	1272	765	8144	9	379	47	<LOD	<LOD
Squib	9008	SQCH3	0	2	6	136	18	<LOD	<LOD	1569	710	14575	4	585	32	<LOD	<LOD
Squib	9009	SQCH3	2	4	7	154	14	<LOD	<LOD	1407	636	14354	8	631	59	<LOD	<LOD
Squib	9010	SQCH3	4	6	3	191	18	<LOD	<LOD	1278	584	10978	13	523	34	<LOD	<LOD
Squib	9011	SQCH3	6	8	5	177	26	<LOD	<LOD	1652	875	10965	8	486	52	<LOD	<LOD
Squib	9012	SQCH3	8	10	5	213	20	<LOD	<LOD	1416	648	14476	9	602	42	<LOD	<LOD
Squib	9013	SQCH3	10	12	10	138	12	<LOD	<LOD	1354	666	16372	6	654	48	<LOD	<LOD
Squib	9014	SQCH3	12	14	5	101	11	<LOD	<LOD	1361	577	15514	4	589	48	<LOD	<LOD
Squib	9015	SQCH3	14	16	6	97	25	<LOD	<LOD	1435	521	11755	4	436	42	<LOD	<LOD
Squib	9016	SQCH3	16	18	5	92	26	<LOD	<LOD	1382	790	12140	<LOD	453	40	<LOD	<LOD
Squib	9017	SQCH3	18	20	5	140	26	<LOD	<LOD	1342	752	11141	<LOD	449	34	<LOD	<LOD
Squib	9018	SQCH3	20	22	6	100	23	<LOD	<LOD	1172	708	9286	<LOD	362	37	<LOD	<LOD
Squib	9019	SQCH3	22	24	5	119	30	<LOD	<LOD	1718	714	9815	<LOD	336	43	<LOD	<LOD
Squib	9020	SQCH3	24	26	6	219	17	<LOD	<LOD	2394	863	5217	14	343	44	<LOD	<LOD
Squib	9021	SQCH3	26	28	3	186	22	<LOD	<LOD	1446	525	5783	10	347	48	<LOD	<LOD
Squib	9022	SQCH3	28	30.6	4	109	41	<LOD	<LOD	2162	693	3750	9	232	50	<LOD	<LOD
Squib	9023	SQCH4	0	2	7	150	21	<LOD	<LOD	1439	771	6078	8	336	42	<LOD	<LOD
Squib	9024	SQCH5	0	2	6	191	32	<LOD	<LOD	1618	550	5169	19	307	49	<LOD	<LOD
Squib	9025	SQCH5	2	4	5	124	30	<LOD	<LOD	1669	598	4470	15	265	47	<LOD	<LOD
Squib	9026	SQCH5	4	6	5	184	24	<LOD	<LOD	1454	771	6496	11	417	35	<LOD	<LOD
Squib	9027	SQCH5	6	8	3	99	15	<LOD	<LOD	1096	571	4648	4	265	40	<LOD	<LOD
Squib	9028	SQCH5	8	10	4	206	20	<LOD	<LOD	1367	670	6947	16	494	40	<LOD	<LOD
Squib	9029	SQCH5	10	12.2	4	156	20	<LOD	<LOD	1638	726	5693	22	303	55	<LOD	<LOD
Squib	9030	SQCH6	0	2	4	145	18	<LOD	<LOD	1299	656	8826	5	436	42	<LOD	<LOD
Squib	9031	SQCH7	0	2	2	94	31	<LOD	<LOD	1567	589	5331	5	264	46	<LOD	<LOD
Squib	9032	SQCH8	0	2	10	178	39	<LOD	<LOD	1432	724	5118	9	186	29	<LOD	<LOD
Squib	9033	SQCH8	2	4	7	174	20	<LOD	<LOD	1589	769	15241	6	580	42	<LOD	<LOD
Squib	9034	SQCH8	4	6	8	189	17	<LOD	<LOD	1687	733	12167	8	470	33	<LOD	<LOD
Squib	9035	SQCH8	6	9	5	107	14	<LOD	<LOD	1553	563	10882	3	460	33	<LOD	<LOD
Packetts	9901	PCH1	0	2	23.7	423	58	81	<LOD	1672	<LOD	935	30.2	79.8	<LOD	<LOD	<LOD
Packetts	9902	PCH1	2	3.8	36.3	97	71	64	<LOD	1572	<LOD	1175	<LOD	42.6	5.9	<LOD	<LOD
Packetts	9903	PCH1	3.8	5.8	55.2	156	124	77	<LOD	1647	<LOD	6782	<LOD	240.2	11.1	<LOD	<LOD
Packetts	9904	PCH1	5.8	7.6	21.5	147	109	<LOD	<LOD	1679	<LOD	6607	<LOD	173.8	9.6	<LOD	<LOD
Packetts	9905	PCH1	7.6	9	21.1	105	99	<LOD	<LOD	1636	<LOD	5316	<LOD	130.7	6.5	49	<LOD
Packetts	9906	PCH2	0	2	20	110	118	102	<LOD	1806	<LOD	695	3.9	58.4	8.4	<LOD	<LOD
Packetts	9908	PCH3	0	2	27	109	53	64	<LOD	1516	<LOD	2168	<LOD	138.7	4.4	<LOD	<LOD
Packetts	9909	PCH3	2	4	15.6	98	50.7	<LOD	<LOD	1425	<LOD	1119	<LOD	95.6	7.1	<LOD	<LOD
Packetts	9910	PCH3	4	6	8.8	107	126	<LOD	<LOD	1379	<LOD	1223	<LOD	82.3	8.4	52	<LOD
Packetts	9911	PCH3	6	8	10	119	126	<LOD	<LOD	1363	<LOD	1276	<LOD	103.9	7	<LOD	<LOD
Packetts	9912	PCH4	0	2	15.6	184	75	<LOD	<LOD	1374	<LOD	4814	2	286.7	16.1	43	<LOD
Packetts	9913	PCH4	2	4	34.1	152	91	69	<LOD	1342	<LOD	3611	<LOD	132.7	16.8	<LOD	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Sr_ppm_xrf	Mn_ppm_xrf	Cr_ppm_xrf	Ce_ppm_xrf	P_ppm_xrf	S_ppm_xrf	Cl_ppm_xrf	K_ppm_xrf	Se_ppm_xrf	Rb_ppm_xrf	Nb_ppm_xrf	La_ppm_xrf	Hg_ppm_xrf
Packetts	9914	PCH4	4	6	21.2	133	80	64	<LOD	1557	<LOD	2623	<LOD	88.8	13.6	<LOD	<LOD
Packetts	9915	PCH4	6	8	12	113	63	<LOD	<LOD	1314	<LOD	1745	<LOD	53.7	12.6	<LOD	<LOD
Packetts	9916	PCH4	8	10	11.5	118	57	64	<LOD	1188	<LOD	1320	<LOD	42.5	12.2	<LOD	<LOD
Packetts	9917	PCH4	10	12	10.9	122	64	<LOD	<LOD	1500	<LOD	3438	<LOD	127.2	13.7	<LOD	<LOD
Packetts	9918	PCH5	0	2	20.4	118	92	124	<LOD	1262	<LOD	1519	<LOD	106.1	8.6	61	2.5
Packetts	9919	PCH5	2	3	23.1	228	126	102	<LOD	1325	<LOD	3757	<LOD	321.4	13.5	<LOD	<LOD
Packetts	9920	PCH5	3	5	29.8	103	113	71	<LOD	1183	<LOD	1112	<LOD	76.7	15.3	<LOD	<LOD
Packetts	9921	PCH6	0	2	8	135	62	<LOD	<LOD	1362	<LOD	1930	<LOD	75.9	14.5	<LOD	<LOD
Packetts	9922	PCH6	2	4	11.4	77	<LOD	<LOD					1.8	34.8	15.9	<LOD	<LOD
Packetts	9923	PCH6	4	6	11.7	159	64	<LOD	<LOD	1323	<LOD	1902	1.4	81.5	16.4	<LOD	<LOD
Packetts	9924	PCH6	6	7	14.8	158	67	<LOD	<LOD	1286	<LOD	1255	<LOD	63.8	16.7	<LOD	<LOD
Packetts	9925	PCH7	0	2	7.7	891	118	91	<LOD	1192	<LOD	338	<LOD	31.3	19.7	49	<LOD
Packetts	9926	PCH7	2	4	10.8	456	119	112	<LOD	1144	<LOD	938	<LOD	122	14.8	46	<LOD
Packetts	9928	PCH8	2	3.5	4	98	60	<LOD	<LOD	1481	<LOD	1055	<LOD	45.7	7.9	<LOD	<LOD
Packetts	9929	PCH9	0	1.5	3.9	77	33	<LOD	<LOD	1385	<LOD	316	<LOD	21.8	9.3	<LOD	<LOD
Squib	9930	SQCH	0	2	4.7	145	22	<LOD	<LOD	1443	<LOD	11171	5.7	550	49	<LOD	<LOD
Squib	9931	SQCH	2	4	3.1	128	20	<LOD	<LOD	1420	<LOD	11039	3.2	547	45.2	<LOD	<LOD
Packetts	9932	PCH2	2	3.8	16.4	332	138	125	<LOD	1422	<LOD	1720	<LOD	105	16.4	<LOD	<LOD
Packetts	9933	PCH8	0	2	3.2	98	59	<LOD	<LOD	1149	<LOD	1778	<LOD	54.2	9	<LOD	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Tl_ppm_xrf	Th_ppm_xrf	U_ppm_xrf	Te_ppm_xrf	Pr_ppm_xrf	Nd_ppm_xrf	Sm_ppm_xrf
Narrawa	6717	NC04_CH1	0	2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Narrawa	6718	NC04_CH1	2	4	11.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Narrawa	6719	NC04_CH1	4	6	4.9	9	<LOD	<LOD	<LOD	<LOD	<LOD
Narrawa	6720	NC04_CH1	6	8	12.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Narrawa	6721	NC04_CH1	8	10	11.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Narrawa	6722	NC04_CH1	10	12	9.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Narrawa	6723	NC04_CH2	0	2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Narrawa	6724	NC04_CH2	2	4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Narrawa	6725	NC04_CH2	4	6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Narrawa	6726	NC04_CH2	6	7	25.2	24	<LOD	<LOD	<LOD	<LOD	<LOD
Narrawa	6727	NC04_CH2	8	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Narrawa	6728	NC04_CH2	10	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Squib	9001	SQCH1	0	2	9	39	<LOD				
Squib	9002	SQCH1	2	4	7	39	<LOD				
Squib	9003	SQCH2	0	2	11	21	<LOD				
Squib	9004	SQCH2	2	4	9	30	<LOD				
Squib	9005	SQCH2	4	6	9	22	<LOD				
Squib	9006	SQCH2	6	8	8	28	<LOD				
Squib	9007	SQCH2	8	10.5	7	32	<LOD				
Squib	9008	SQCH3	0	2	7	37	<LOD				
Squib	9009	SQCH3	2	4	8	35	<LOD				
Squib	9010	SQCH3	4	6	9	27	<LOD				
Squib	9011	SQCH3	6	8	9	31	<LOD				
Squib	9012	SQCH3	8	10	8	28	<LOD				
Squib	9013	SQCH3	10	12	6	39	<LOD				
Squib	9014	SQCH3	12	14	7	30	<LOD				
Squib	9015	SQCH3	14	16	9	53	<LOD				
Squib	9016	SQCH3	16	18	8	49	<LOD				
Squib	9017	SQCH3	18	20	7	36	<LOD				
Squib	9018	SQCH3	20	22	6	44	<LOD				
Squib	9019	SQCH3	22	24	8	56	<LOD				
Squib	9020	SQCH3	24	26	8	31	<LOD				
Squib	9021	SQCH3	26	28	9	35	<LOD				
Squib	9022	SQCH3	28	30.6	7	73	<LOD				
Squib	9023	SQCH4	0	2	9	44	<LOD				
Squib	9024	SQCH5	0	2	12	37	<LOD				
Squib	9025	SQCH5	2	4	11	48	<LOD				
Squib	9026	SQCH5	4	6	10	34	<LOD				
Squib	9027	SQCH5	6	8	4	33	<LOD				
Squib	9028	SQCH5	8	10	10	27	<LOD				
Squib	9029	SQCH5	10	12.2	12	36	<LOD				
Squib	9030	SQCH6	0	2	6	37	<LOD				
Squib	9031	SQCH7	0	2	6	42	<LOD				
Squib	9032	SQCH8	0	2	4	23	<LOD				
Squib	9033	SQCH8	2	4	8	35	<LOD				
Squib	9034	SQCH8	4	6	9	27	<LOD				
Squib	9035	SQCH8	6	9	7	43	<LOD				
Packetts	9901	PCH1	0	2	<LOD	<LOD	<LOD	<LOD	445	530	<LOD
Packetts	9902	PCH1	2	3.8	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9903	PCH1	3.8	5.8	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9904	PCH1	5.8	7.6	<LOD	11	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9905	PCH1	7.6	9	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9906	PCH2	0	2	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9908	PCH3	0	2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9909	PCH3	2	4	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9910	PCH3	4	6	<LOD	10	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9911	PCH3	6	8	<LOD	11	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9912	PCH4	0	2	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9913	PCH4	2	4	3.2	14	<LOD	<LOD	<LOD	<LOD	<LOD

Prospect	sample_no	hole_id	from_m	to_m	Tl_ppm_xrf	Th_ppm_xrf	U_ppm_xrf	Te_ppm_xrf	Pr_ppm_xrf	Nd_ppm_xrf	Sm_ppm_xrf
Packetts	9914	PCH4	4	6	3	11	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9915	PCH4	6	8	2.5	10	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9916	PCH4	8	10	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9917	PCH4	10	12	<LOD	8	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9918	PCH5	0	2	<LOD	9	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9919	PCH5	2	3	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9920	PCH5	3	5	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9921	PCH6	0	2	3.3	13	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9922	PCH6	2	4	2.9	12	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9923	PCH6	4	6	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9924	PCH6	6	7	3	13	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9925	PCH7	0	2	<LOD	17	6.7	<LOD	<LOD	<LOD	<LOD
Packetts	9926	PCH7	2	4	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9928	PCH8	2	3.5	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9929	PCH9	0	1.5	<LOD	9	<LOD	<LOD	<LOD	<LOD	<LOD
Squib	9930	SQCH	0	2	8.1	35	<LOD	<LOD	<LOD	<LOD	<LOD
Squib	9931	SQCH	2	4	8.6	37	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9932	PCH2	2	3.8	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD
Packetts	9933	PCH8	0	2	2.8	10	<LOD	<LOD	<LOD	<LOD	<LOD