BRITISH COLUMBIA
The Best Place on Earth

Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Induced Polarization, Geological & Geochemical **TOTAL COST:** 187,012

AUTHOR(S): Jeffrey D. Rowe **SIGNATURE(S):**

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): MX-13-276 **YEAR OF WORK:** 2016

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5619264/ Sep 20, 2016 5619267/ Sep 20, 2016

PROPERTY NAME: Red Lion

CLAIM NAME(S) (on which the work was done): Tenures 1024116, 1024118, 1024125, 1024127, 1024885, 1024886, 1032482, 1032491,1035131, 1038763, 1038768, 1038769, 1038780, 1039836

COMMODITIES SOUGHT: Cu, Au, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 094D135, 094D165, 094D167, 094D168, 094D179

MINING DIVISION: Omineca **NTS/BCGS:** 094D/09E, 09W

LATITUDE: 56 o 33 ' " **LONGITUDE:** 126 o 08 ' " **(at centre of work)**

OWNER(S):
1) C.J.Greig
2) Garibaldi Resources Corp

MAILING ADDRESS:
729 Okanagan Ave E, Penticton, B.C.
Suite 1150, 409 Granville St., Vancouver, B.C.

OPERATOR(S) [who paid for the work]:
1) Garibaldi Resources Corp
2)

MAILING ADDRESS:
Suite 1150, 409 Granville St., Vancouver, B.C

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
The Red Lion property is an early-stage porphyry copper prospect located in north-central British Columbia, within the Quesnel Trough, which is the locale for several major deposits in the region, and it is underlain by similar lithologic units that host the world class copper-gold porphyry deposits at Mt. Milligan (210 kilometres to the southeast) and at Kemess (60 kilometres to the northwest).

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: AR 21781, 21782, 22585, 23543, 23842, 28439 32618

Next Page

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	Recon mapping, rock, soil sampling	1024116, 1024125,1024885,	3812
Photo interpretation		1032482, 1032491, 1038763, 1038768	
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization	26.4 line-km	1024116, 1024118, 1024125,1024885	163,900
Radiometric		1032482, 1032491, 1035131, 1038763	
Seismic		1038768	
Other	37 rock spec for physical prop testing	1024116, 1024125,1024885,	1300
Airborne		1032482, 1032491, 1038763, 1038768	
GEOCHEMICAL (number of samples analysed for...)			
Soil	97 multi-elem XRF	1024116, 1024125,1024885,	8000
Silt		1032482, 1032491, 1038763, 1038768	
Rock	176 multi-elem XRF, 14 multi-elem ICP +Au	1024116, 1024125,1024885,	10000
Other		1032482, 1032491, 1038763, 1038768	
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	187,012

2015 INDUCED POLARIZATION SURVEY

and

2016 GEOLOGICAL AND GEOCHEMICAL PROGRAM

on the

RED LION PROPERTY

Tenure Numbers: 1024116, 1024118, 1024125, 1024127, 1024885, 1024886, 1032482, 1032491, 1035131, 1038763, 1038768, 1038769, 1038780 & 1039836

Johanson Lake Area
NTS Map Sheets 94D/09E, /09W

Omineca Mining Division,
Northern British Columbia, Canada
Latitude 56° 33' N, Longitude 126° 08' W

Prepared for

Garibaldi Resources Corp.
Suite 1150, 409 Granville Street,
Vancouver, B.C. V6C 1T2

By

Jeffrey D. Rowe, B.Sc. P.Geo.
Jules J. Lajoie, PhD, PEng

C.J. Greig & Associates Ltd.
729 Okanagan Ave E.,
Penticton, B.C. V2A 3K7
&
Comtek Enterprises Ltd.
1933 Creelman Ave.
Vancouver, B.C. V6J 1B8

October 27, 2016

TABLE OF CONTENTS

List of Figures

List of Tables

Appendices

1.0 Summary

The Red Lion property is an early-stage porphyry copper-gold prospect located in north-central British Columbia, 365 kilometres northwest of Prince George. The 75 square kilometre property lies within the Quesnel Trough, which is the locale of several major copper-gold porphyry deposits such as Mt. Milligan (210 kilometres to the southeast) and Kemess (60 kilometres to the northwest).

While access to most of the property is currently via helicopter, the Omineca Mining Road runs through the north-central part of the property, and the power line that supplies the Kemess mine site passes nearby to the northeast. The property has moderate to steep relief with about 40 percent vegetation cover.

The Red Lion property is underlain by Upper Triassic Takla Group rocks comprised of a lower unit of volcaniclastic sedimentary rocks overlain by volcanic breccias and flows. These units are intruded by various intrusive suites, and copper and gold mineral occurrences are typically associated with Late Triassic monzodioritic plutons and their related dikes. North-northwest trending faults have been mapped on the property and strongly-developed jointing has been noted with north-northwest and northeast orientations.

Most of the historic work in the area has been concentrated immediately to the south of the property, at skarn and porphyry Cu-Au showings within, and surrounding, the Kliyul prospect. The Kliyul deposit has received recent attention by Teck Resources Limited, which optioned the property and undertook a diamond drilling program of 4 holes in 2015. The holes returned wide intervals of porphyry style copper and gold mineralization, with reported highlights including 245 metres averaging 0.18% Cu and 0.53 g/t Au and 162 metres averaging 0.20% Cu and 0.26 g/t Au (Kiska Metals Corporation News Release, Nov 4, 2015).

Several of the known mineralized zones on the Red Lion property show characteristics of porphyry copper deposits. Most of the historic work has been concentrated along a northwest-trending ridge in the central part of the property however there are extensive areas of the property that have seen little or no previous exploration. A soil geochemical grid covering this central ridge has revealed an extensive Cu-Au anomaly measuring more than 4 km long by 1 km wide. The anomaly is centered on a monzodiorite stock that is expressed as a strong aeromagnetic high that has also returned elevated K/Th radiometric values.

Mineral showings found within the Cu-Au soil anomaly consist of pyrite, with local chalcopyrite, occurring as disseminations and blebs in and along fractures, in narrow, wide-spaced quartz and quartz-carbonate veins, and within local, commonly silicified shear zones. Showings are typically hosted by propylitically altered monzodioritic rocks and adjacent basalt. North and northwest trending structural control is frequently noted. Potassium feldspar occurs as narrow envelopes to some veins but more extensive potassic alteration has not been seen to date, although it may underlie the anomalous area at depth, or at lower elevations beneath talus and overburden cover. Some selective rock sampling has

been undertaken in the Cu-Au anomalous area yielding several significant copper values with associated gold values, however, no continuous chip sampling or trenching has been attempted.

In the northwest part of the property another dioritic stock is associated with a strong aeromagnetic high and north-northwest trending lineaments, similar to the mineralized stock in the central area. Sediments from streams draining the eastern part of this intrusive body have returned anomalous copper and gold values and limited rock sampling has identified mineralized quartz veins. This area has had only minimal reconnaissance soil sampling which returned spotty copper and gold anomalies.

In June, 2015 an airborne magnetic and radiometric survey was flown over the entire Red Lion property area, revealing that there is a strong correlation of magnetic highs with potential mineral-hosting Late Triassic monzodioritic plutons.

In September, 2015, 26.4 line-km of wide-spaced induced polarization surveying was undertaken in two areas of the Red Lion Property to evaluate the potential of porphyry style mineralization at depth in two areas of the property that had exhibited strong magnetic responses, anomalous copper and gold geochemistry, local mineral showings and high potassium values.

On the west IP grid the primary target that was identified consisted of strong IP chargeability anomalies coincident with magnetic highs that lie along the western contact of an elongate north-south trending diorite body. Quartz-pyrite veins with local chalcopyrite have been noted in outcrop along trend, several hundred metres north of the anomalous lines.

On the east IP grid, chargeability values in the area of anomalous soil geochemistry underlain by altered, quartz-sulphide-veined monzodiorite were disappointingly low; however, the eastern extension of the grid lines revealed a 2400 m-long chargeability high that ranges from 250 to 600 m wide and has corresponding low resistivity and low magnetic response. The IP anomaly appears to wrap around a monzonite stock in the valley bottom, however, the area is largely overburden covered, yielding little geologic information. One possibility that may explain these geophysical responses would be a zone of sulphide-bearing rock within weakly resistive, magnetite-destructive, argillic or phyllic alteration, perhaps along the margin of the intrusive stock. Localized anomalous copper values in soil samples along the south side of the intrusion lend support to this possibility.

In July, 2016 a brief geological and geochemical program was undertaken to evaluate parts of the IP chargeability anomalies defined by the 2015 program. Reconnaissance soil and rock samples were analyzed by a hand-held XRF unit revealing copper anomalies within both the west grid and the east grid IP anomalies. A few samples were submitted for laboratory analyses, confirming the anomalous copper, as well as associated gold and, in the west grid samples, also elevated values in As, Co and W. Specimens collected from both grid areas were submitted for bench-scale testing of physical properties and it was determined that sulphide-bearing rocks produced chargeability values that could account for the broad high chargeability zones defined by IP surveying. In the west grid area the anomalous rock samples consisted of diorite or monzonite cut by veins of pyrite with lesser chalcopyrite and arsenopyrite. In the east grid the high chargeability rock samples comprised siliceous volcaniclastic sedimentary rocks cut by fine pyrite veins, with local chalcopyrite, located near the contact of a quartz monzonite stock that appears to be flanked by the IP chargeability anomaly.

Based on the observed strong IP chargeability anomalies in two areas of the property, along with variably altered host rocks, shear and fracture-vein styles of mineralization, strong magnetic and potassium highs coincident with monzodiorite stocks, as well as extensive soil and stream sediment geochemical anomalies, it is recommended that further exploration be undertaken on the Red Lion property. The proposed next phase of exploration would consist of geological mapping and soil sampling in both the west and east grid IP anomalies. This would be followed by reverse circulation drilling of both IP targets to geochemically sample overburden and bedrock, and to collect bedrock specimens for physical testing, which may help clarify the sources of the high chargeability values.

2.0 Location, Access, Physiography, Climate and Vegetation

The Red Lion property is situated in the Omineca Mining Division, near Johanson Lake, approximately 365 kilometres northwest of Prince George (fig. 1). The claims are located on Map Sheets NTS 94D/ 9E and 9W, centered at latitude 56° 33’ north, longitude 126° 08’ west. The property lies within UTM co-ordinates 6267000 m to 6275000 m North, and 667600 m to 684000 m East (NAD83, Zone 9).

Road access to the north side of the property is possible via the Finlay Forest Service Road and Omineca Forest Service Road, originating near Windy Point on Highway 97, 155 kilometres north of Prince George. It is approximately 300 km from Windy Point to Johanson Lake, which lies at the northern edge of the property. Alternative access to the site is via float plane to Johanson Lake or to Darb Lake, which is located in the central part of the property. Most areas on the claims are accessible only by helicopter or by foot and there are no camp facilities on the property. The camp site that was utilized for this program is located on the north shore of Johanson Lake approximately 1.5 km north of the property. A power line, owned by AuRico Gold Inc. runs near the north side of the property, extending 380 km from Mackenzie to the Kemess South mine site.

The claims are located within mountainous terrain with moderate to steep slopes rising from approximately 1400 meters elevation in stream valleys to 2300 meters on ridge-tops and peaks. The area is sparsely forested with spruce and pine at lower elevations, with scrub fir and alpine vegetation up to about 1700 meters, giving way to coarse talus and outcrop on the upper slopes.

Water is plentiful in the streams at the base of the slopes; the highest dependable supply being at about the 1700 m level on most parts of the claims. Two main drainages on the west side of the property run north-northwesterly and form part of the Sustut River system. A north-flowing stream on the east side of the property turns easterly and joins the Mesilinka River system.

The Red Lion property is located in an area that has warm summers and cold winters, with low to moderate precipitation. Annual precipitation at the nearby Kemess mine site is about 900 mm, which includes average snowfall of up to 200 cm. For normal exploration field work the season extends from mid-June to mid-October.

Figure 1. Red Lion property location map.

3.0 Claims

The Red Lion property consists of fourteen contiguous mineral claims covering 7471.7 hectares as listed in Table 1 and shown on Figure 2. The claims, staked in December, 2013, January, 2014, December, 2014, April, 2015, September, 2015 and November, 2015 are owned by Garibaldi Resources Corp. and by Charles Greig; currently under option to Garibaldi Resources Corp.

Table 1. Red Lion Claims List

Tenure_No	Claim Name	Owner	Map No.	Issue Date	Good To Date	Area (ha)
1024116	A Little Darb'll Do Ya	Charles Greig	94D09	Dec/01/2013	Jul/16/2020	303.02
1024118	EOEOEO!	Charles Greig	94D09	Dec/01/2013	Jul/16/2020	17.82
1024125	JR Achievement	Charles Greig	94D09	Dec/01/2013	Jul/16/2020	374.49
1024127	Caya	Charles Greig	94D09	Dec/01/2013	Jul/16/2020	392.41
1024885	Darbinadge1	Charles Greig	94D09	Jan/06/2014	Jul/16/2020	1550.89
1024886	Darbinadge2	Charles Greig	94D09	Jan/06/2014	Jul/16/2020	855.73
1032482	Blimpy	Charles Greig	94D09	Dec/01/2014	Jul/16/2020	374.48
1032491	Mumpin'	Charles Greig	94D09	Dec/01/2014	Jul/16/2020	641.73
1035131	Darb Lake	Charles Greig	94D09	Apr/01/2015	Jul/16/2020	213.90
1038763	Bard	Garibaldi	94D09	Sep/23/2015	Oct/09/2018	231.82
1038768	Halfabull	Charles Greig	94D09	Sep/23/2015	Oct/09/2018	124.76
1038769	55-54-Oar-Flight	Charles Greig	94D09	Sep/23/2015	Oct/09/2018	1141.92
1038780	Bard2	Garibaldi	94D09	Sep/24/2015	Oct/09/2018	892.01
1039836	Intlsammydan	Charles Greig	94D09	Nov/07/2015	Oct/09/2018	356.72
						7471.70

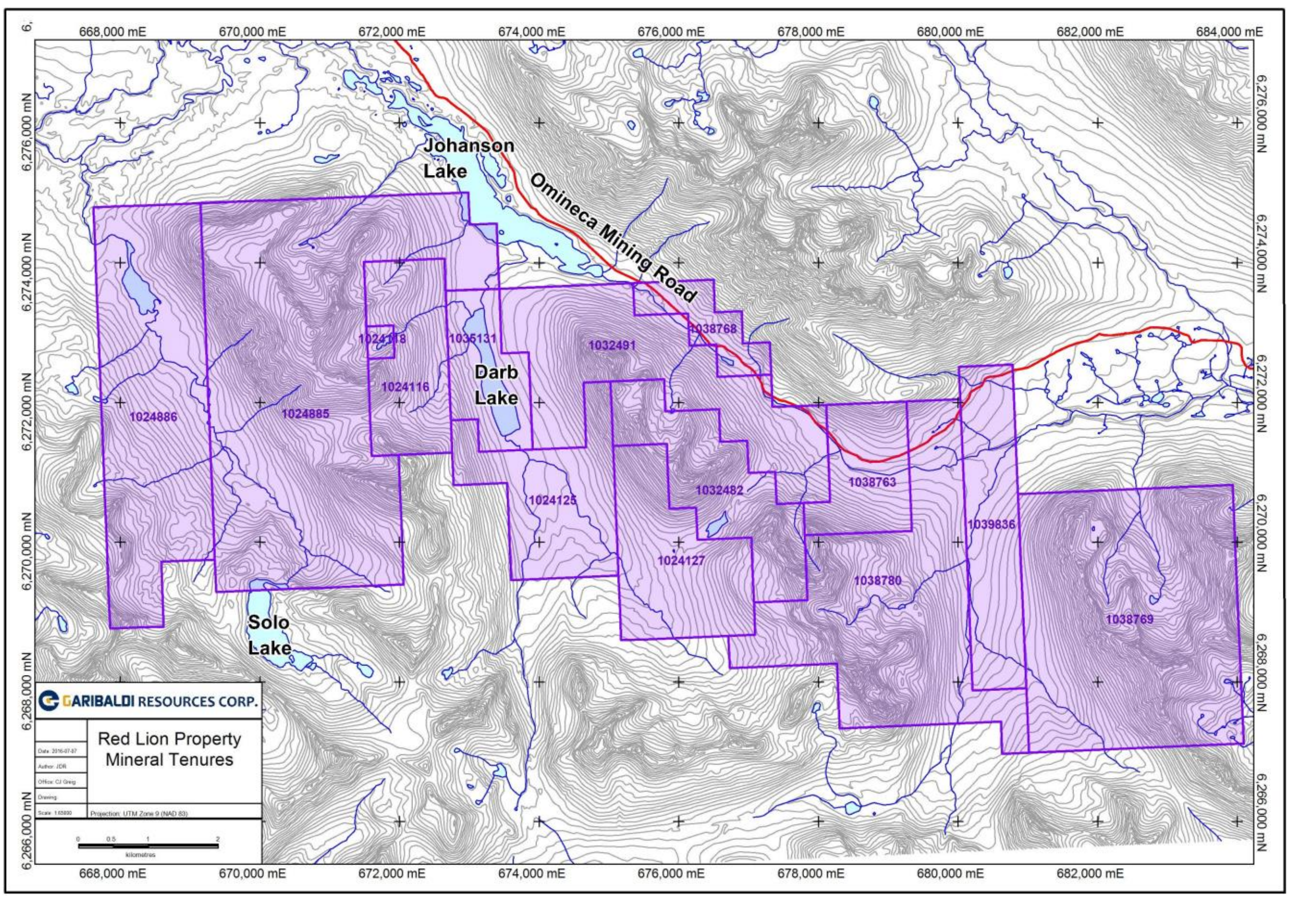


Figure 2. Red Lion claims and tenure numbers as of November 7, 2015.

The “Good To Dates” listed in Table 1 are based on acceptance of the costs applied for assessment in this report (Section 10.0) based on $5.00 per hectare per annum for years 1 and 2 and $10.00 per hectare per annum for years 3 and 4, and $15.00 per hectare per annum for years 5 and 6. The geophysical field work ended September 28, 2015. Some of the cost of the field work is apportioned to claims staked during the field work, September 23 and 24, 2015 and the remainder applied to claims staked prior to the survey. A program of geological and geochemical work was undertaken in July, 2016. Costs for this field work, evaluation of the geophysical and geochemical results and report preparation are applied to all claims, including the tenure staked November 7, 2015.

4.0 Geology

4.1 Regional Geology

The Red Lion property is situated within a 1,300 km long by 35 km wide belt of Triassic-Jurassic Quesnel Terrane rocks, known as the Quesnel Trough, which hosts numerous alkalic and calc-alkalic porphyry copper-gold deposits from southern to northern BC (fig. 3). Among them are the economically significant Kemess deposit, located 60 km to the northwest of the property, and the Lorraine and Mt. Milligan deposits, 85 km and 210 km to the southeast, respectively.

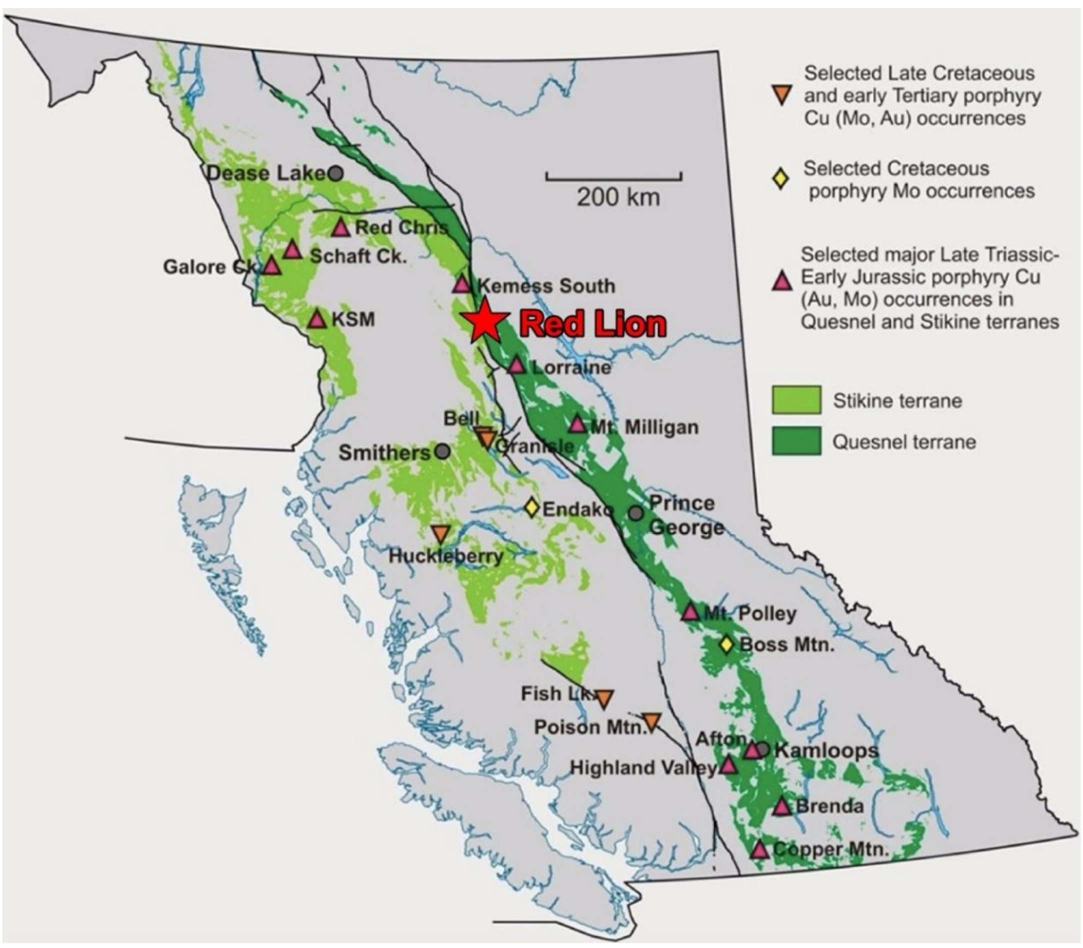


Figure 3. Quesnel and Stikine terranes with associated porphyry type deposits.

To the west of the property, Carboniferous to Jurassic Stikine Terrane is separated from Quesnel Terrane by the Ingenika fault (fig. 4). Stikine Terrane comprises a volcanic arc assemblage that is very similar to the Quesnel Terrane, and it is theorized by Mihalynuk et al. (1994) that these terranes may have originated as joined adjacent arcs that were subsequently rotated and shifted during their accretion to the craton between the Late Triassic and Middle Jurassic, resulting in their current positions. To the east, the Quesnel belt is separated by a fault zone from the uplifted Proterozoic to early Paleozoic carbonates and silici-clastics of the Cassiar Terrane.

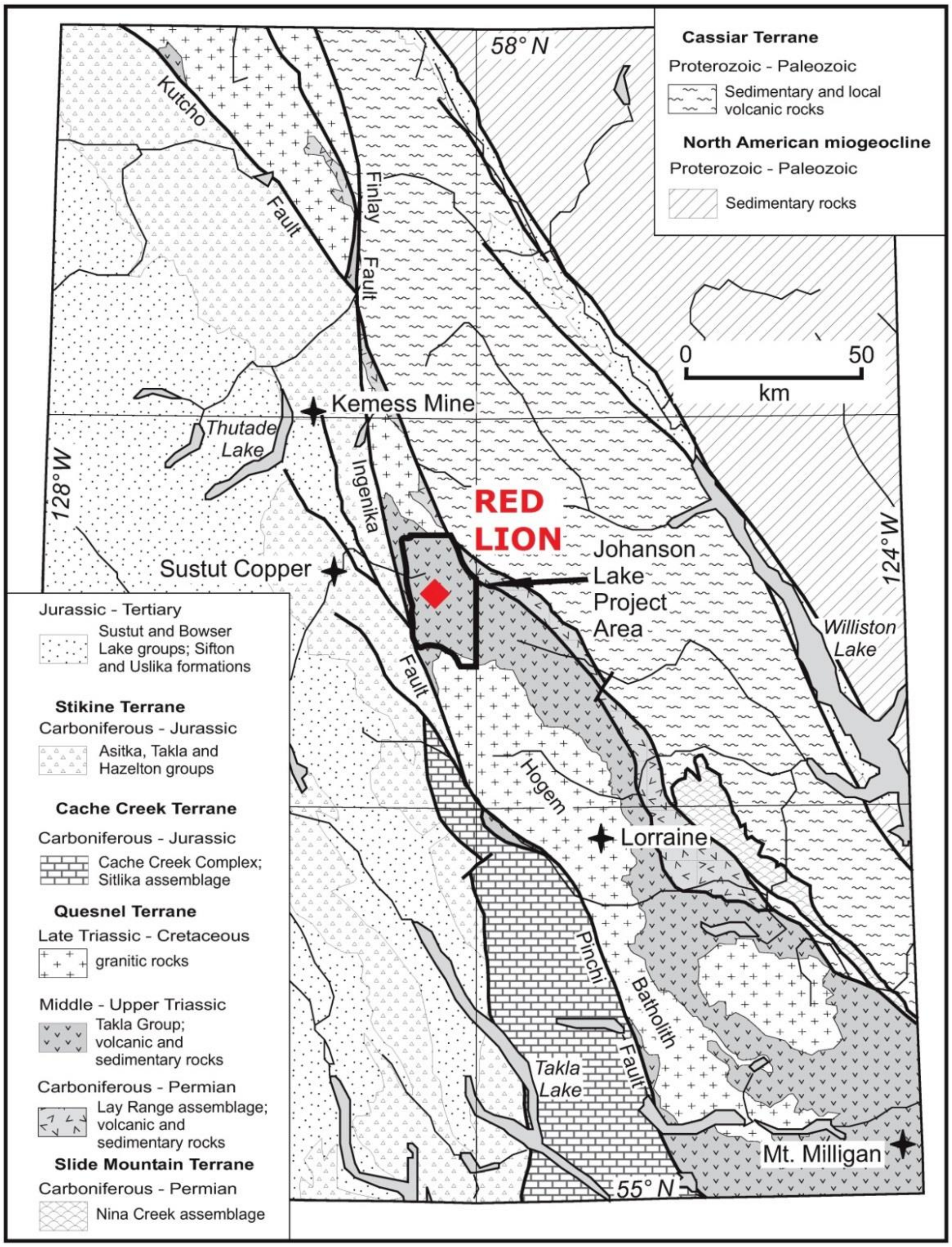


Figure 4. Regional geological setting, Hogem Batholith area, showing major mineral deposit (source Schiarizza and Tan, 2005b).

The Quesnel Terrane in the Johanson Lake area is represented by the Takla Group, which has been separated into two major units (Schiarizza and Tan, 2005b). The basal unit consists of massive to well-bedded, feldspar, pyroxene–rich volcanic sandstones with local limestone beds, intercalated with volcanic breccias and local mafic flows. Conformably overlying this unit are pyroxene phyric andesitic to basaltic volcanic breccias and flows. These rocks in the Johanson Lake area are intruded by four intrusive suites – an ultramafic-mafic complex, a monzonite-diorite suite, and younger tonalite and granite-granodiorite stocks. Dykes of similar compositions are common near the larger intrusive bodies.

Copper and gold mineral occurrences are abundant in the Johanson Lake area, typically associated with mafic-ultramafic plutons and related diorite dikes. These include pyrite-chalcopyrite veins and mineralized shears within and peripheral to intrusions, magnetite-pyrite chalcopyrite skarn and replacement bodies in Takla Group calcareous units that have been metasomatized by nearby intrusive bodies and gold-bearing quartz veins within shear zones cutting dioritic intrusions.

The Johanson Lake area is considered to have good potential for the discovery of porphyry style Cu-Au mineralization due to the abundance of Cu-Au showings in the area, including some large porphyry deposits nearby to the north and south, coeval monzonitic to dioritic intrusions within the favourable Takla volcanic rocks and major regional structures that may have created strongly fractured to sheared areas that could host large hydrothermal systems.

4.2 Property Geology

The geology of the Johanson Lake area has been compiled and plotted at 1:50,000 scale by Schiarizza and Tan (2005a) and is available in BC Geological Survey Open File Map 2005-4. A portion of this map is presented in Figure 5 of this report showing the geology in the area of the Red Lion property. Figure 6 shows the geologic legend for the map. Descriptions of the stratigraphic units in the property area are also reported by Schiarizza and Tan (2005b) and excerpts of those descriptions are quoted below.

Takla Group

In the Johanson Lake area the Takla Group consists of two units (UTTk and UTTg on fig. 5). The lower unit is mainly volcaniclastic sandstone and breccia, but also includes limestone, siltstone and mafic volcanic rocks. A sandstone-carbonate sub-unit (UTTkc) at the base of this sequence consists of a more discrete package dominated by volcanic sandstone and siltstone containing irregular limestone lenses, slump blocks and breccia clasts. This sub-unit is mapped only south of the property near the head of Darb Creek and hosts a number of mineral showings that are of skarn or replacement-type in limestone. Macrofossils collected from limestone in lower Takla Group have been dated as Late Triassic in age (Monger, 1977).

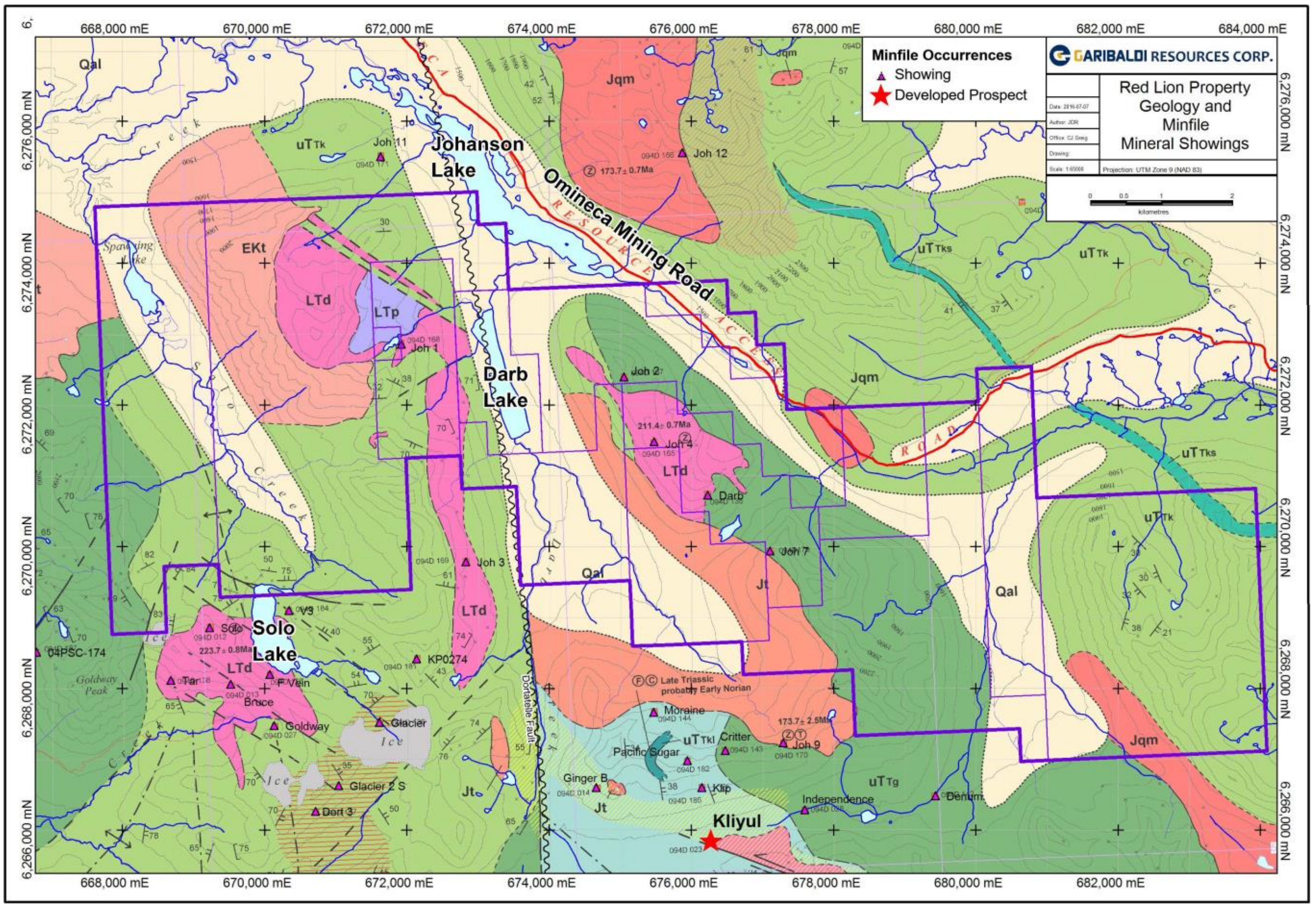


Figure 5. Geology of the Red Lion property and Minfile mineral occurrences (geology source Schiarizza and Tan, 2005a).

The lower Takla unit (UTTk) on the Red Lion property is dominated by exposures of grey to green, fine to coarse-grained, commonly gritty, volcaniclastic sandstone. Mineral grains of feldspar, pyroxene and less common hornblende, together with lithic fragments containing these same minerals, are the dominant constituents. The sandstone occurs partly as well-defined, thin to thick beds and partly as massive units, up to tens of metres thick, in which bedding is not apparent.

Sandstone beds within well-bedded intervals are commonly intercalated with green siltstone, also of volcanic origin. Coarse-grained intervals, ranging from pebbly volcanic sandstone or lapilli tuff to coarse breccias containing fragments approaching a metre in size, are fairly common and typically form massive, resistant units tens of metres to hundreds of metres thick. These breccias probably represent mass flow deposits that tapped a different source than the finer grained sandstones with which they are intercalated (Schiarizza and Tan, 2005b). The lower Takla unit is mapped predominantly on the east and west sides of the property. The Dortatelle fault cuts north-south through the central part of the property. East of the fault, on the east side of Darb Lake, a small slice of lower Takla unit is exposed, in contact with overlying Takla volcanic rocks and intruded by diorite and tonalite stocks to the south. South of the property, also on the east side of the Dortatelle fault, the sandstone-carbonate sub-unit of the lower Takla unit is exposed and appears to be directly overlain by upper Takla volcanic rocks to the east.

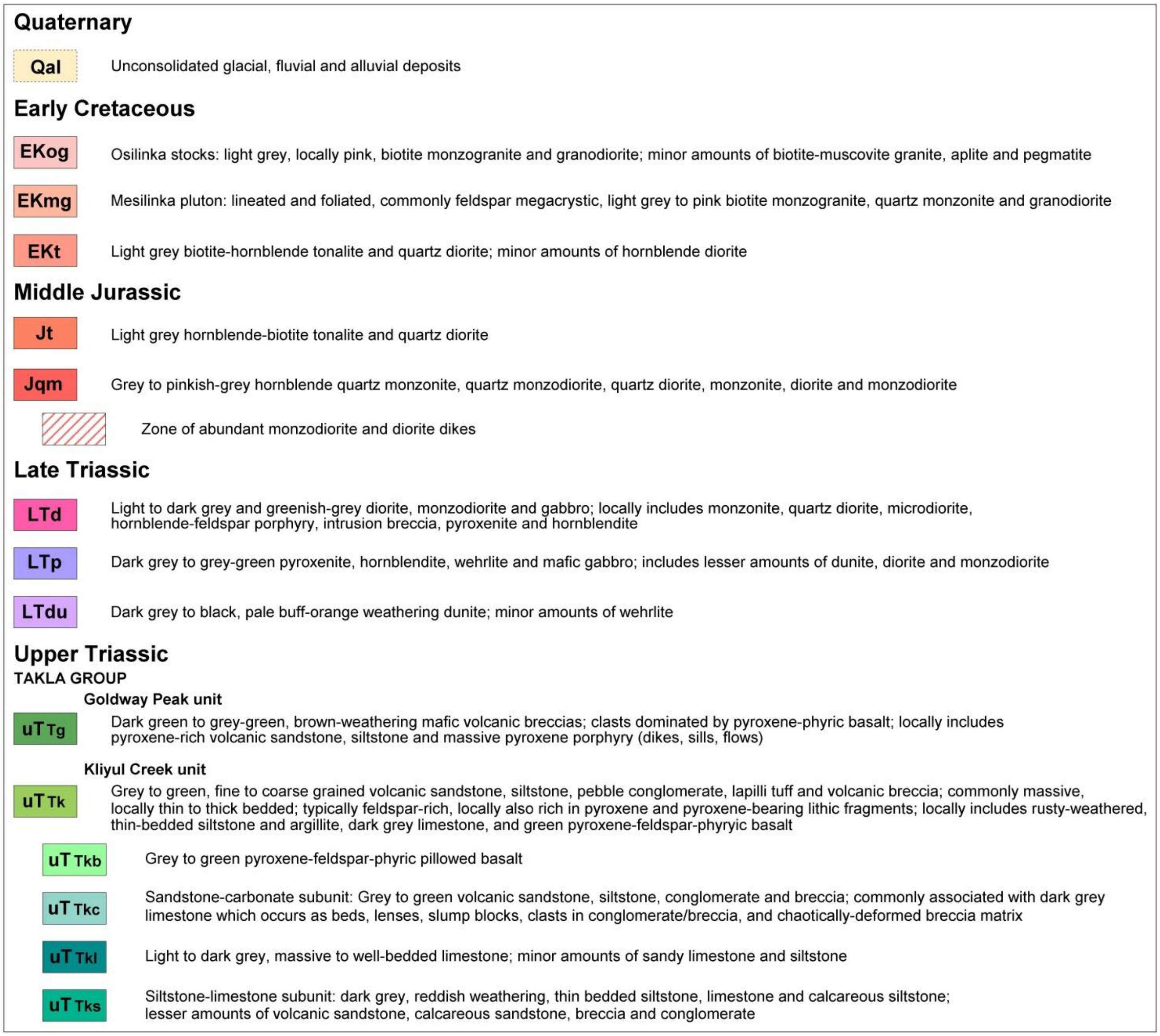


Figure 6. Geologic legend for Figure 5 (source Schiarizza and Tan, 2005a).

The upper unit of the Takla Group consists of thick, monotonous accumulations of pyroxene-phyric, basaltic volcanic breccias that locally interfinger with volcanic sandstones of the lower unit in a gradational contact zone. These breccias typically form resistant, blocky, green-brown to rusty-brown weathered exposures. Fresh surfaces are dark green to grey-green. Fragments are typically angular to sub-angular, and generally range from a few centimetres to 10 cm in diameter; however, fragments up to several tens of centimetres are not uncommon. The breccia fragments are dominantly pyroxene-, feldspar-phyric basalt, with considerable textural variation among different clasts. The matrix typically consists of pyroxene, small pyroxene-bearing lithic grains and lesser amounts of feldspar. The matrix is locally calcareous and recessive, causing the fragments to stand out in relief. In other places, the compositional similarity between clasts and matrix obscures the fragmental texture. Internal bedding contacts between breccia layers are not generally evident; however, bedding is locally defined by thin intervals of pyroxene-rich sandstone. The upper volcanic unit is primarily exposed in the central part of the property in a northwest-trending belt that is intruded along its west side by a possibly coeval diorite body and also by a younger tonalite stock.

Intrusive Rocks

Schiarizza and Tan (2005b) have divided the intrusive bodies in the Johanson Lake area into various suites, based on compositions and relative ages. The oldest is a Late Triassic ultramafic-mafic suite comprised of dark grey-green pyroxenite, hornblendite and gabbro, with lesser dunite, diorite and monzodiorite. A body of ultramafic rocks measuring about 1 km in diameter is located to the northwest of Darb Lake. This body has a core of mainly clinopyroxenite and hornblendite, and a more extensive outer unit consisting mainly of gabbro and diorite. Other members of this first suite of intrusives are diorite to gabbro bodies that have also been dated as Late Triassic in age. This includes a body that surrounds the ultramafic stock northwest of Darb Lake and has an elongate extension that runs 5 km to the south. Another irregular, northwest-trending diorite to monzodiorite stock intrudes Takla Group rocks to the southeast of Darb Lake. Southwest of the property, at Solo Lake, a similar dioritic stock has been mapped. All of these intrusive bodies contain mineral showings consisting of Cu- and Au-bearing sulphides in narrow quartz veins, in strongly altered shears, and as disseminations, typically in altered vein selvages no more than a few centimetres wide. Aeromagnetic maps show strong magnetic highs in the areas of these dioritic intrusions, suggesting abundant disseminated magnetite.

Intrusives ranging from monzonite to quartz diorite are assigned to the second suite and have been tentatively dated as Triassic to Jurassic in age, which may correlate with the Hogem Batholith intrusions found to the southeast. These bodies are aligned along a northwest trend and two small stocks are located on the east part of the property. They consist mainly of light grey weathered, medium to coarse-grained hornblende monzonite to diorite as well as quartz monzonite to quartz diorite. Magnetite is a common accessory, and the monzonite pluton northeast of Johanson Lake has a prominent magnetic high expression on regional aeromagnetic maps with less pronounced highs over the smaller stocks.

A tonalite intrusion extending south and southeast from Darb Lake has been dated as Mid Jurassic in age. It consists of light grey weathered, medium to coarse-grained hornblende-biotite tonalite to granodiorite. The stock has sharp contacts although it commonly contains abundant xenoliths of country rock for a few tens of metres along its outer margin. Mineral occurrences are found near the contacts of the stock but no mineralization has been reported hosted by the tonalite. This stock is projected to underlie the wide drift-covered valley SSE of Darb Lake, on the east side of Dortatelle fault.

Another tonalite pluton in the northwest part of the property is similar to the Darb Creek pluton, consisting of light grey, medium to coarse-grained hornblende-biotite tonalite, locally grading to quartz diorite. Despite the strong similarities to the Darb Creek pluton, age dating has tentatively placed the northwest intrusion at Early Cretaceous in age (Schiarizza and Tan, 2005b). No mineral occurrences are known in this tonalite body.

The Dortatelle fault forms a prominent north-trending topographic lineament cutting through the central part of the property, extending north along Darb Creek and cutting through Darb Lake (fig. 5). It truncates the Darb Creek tonalite pluton on its west side. Rocks adjacent to the fault are commonly strongly foliated for several hundred metres beyond the fault trace. Richards (1976) showed that it is truncated by, or merges with, the Ingenika fault 20 km to the south. The fault does not appear to continue as a prominent structure north of Johanson Lake.

Outcrops within the project area are characterized by abundant fractures, joint sets and brittle faults. These structures have highly variable orientations, although northwest to north strikes with steep dips predominate. Schiarizza and Tan (2005b) report that some of the northwest-striking faults show a strong spatial relationship with mafic-ultramafic plutons of the Late Triassic suite, which are typically elongate parallel to the faults. Although the diorite-monzodiorite stock southeast of Darb Lake displays a distinct northwest trend its relationship to a fault zone of that orientation has not been demonstrated. The elongate diorite body southwest of Darb Lake shows a distinct linear trend parallel to the Dortatelle fault that is located 600 metres to the east. Some northwest-trending faults have been noted along dikes of the mafic-ultramafic suite, and some host copper mineralization within zones of strong fracturing or shearing.

4.3 Local Mineral Occurrences

Like many mineral districts, the area around the Red Lion property has had an extended history of exploration, spanning from the 1940’s to present. Most of the work has been concentrated immediately to the south of the property, at skarn and porphyry Cu-Au showings within, and surrounding, the Kliyul prospect, located 2.8 km south of Red Lion. The Kliyul deposit has a published indicated resource of 2.3 million tonnes averaging 0.45% Cu, 1.30 g/t Au and 6.9 g/t Ag based on a relatively small amount of shallow drilling (Minfile No. 094D 023). Recently, some deeper drilling revealed a wide mineralized section, including a 217.8 metre interval that averaged 0.23% copper and 0.52 g/t gold. This recent information prompted Teck Resources Limited to option the property and the company undertook IP surveying and a diamond drilling program of 4 holes in 2015. The holes returned wide intervals of porphyry style copper and gold mineralization that extended known mineralized areas laterally and to depth.

BC Ministry of Energy and Mines Minfile database shows five mineral occurrences within the area of the Red Lion property and numerous others located on adjacent properties (fig. 5). The majority of the showings in the region are comprised of copper-gold or gold mineralization and most have received little exploration work. The Kliyul occurrence however is classified as a developed prospect having received more extensive exploration; including diamond drilling. Excerpts from Minfile reports describing those mineral occurrences that are located on the Red Lion property are quoted below, and locations are shown on Figure 5.

Joh 1, Joh 2, Joh 4 - Minfile No. 094D 168, 167, 165

"The areas of the Joh showings are underlain by Middle Triassic to Lower Jurassic Takla Group volcanic rocks and possibly coeval Late Triassic intrusions. These comprise porphyritic andesite, banded tuff and volcanic sandstone intruded to the northwest and southeast of Darb Lake by diorite to monzonite stocks. Diorite plugs, locally chloritized and carbonatized, commonly average 3 to 4 per cent disseminated pyrite. The volcanics are hornfelsed and contain bands of amphibolite within 300 metres of the intrusive contact.

Mineralization was discovered in 2 main areas, which correspond to large magnetic highs and an intrusive-volcanic contact zone.

The Joh 1 showing is located at a small lake, west of Darb Lake. This showing consists of a 60-centimetre quartz vein hosted in diorite. A chip sample, across this limonite and malachite-stained quartz vein, assayed 0.3479 per cent copper and 4.2 grams per tonne gold (Sample MR01, Assessment Report 21781).

The Joh 2 showing is located 3.2 km east of Joh 1. Here, the contact zone between monzonite and andesite contains mineralized shear zones associated with monzonite-diorite dykes. Disseminated chalcopyrite is also found in hornblende diorite. A 50-centimetre chip sample containing disseminated chalcopyrite and fracture-coating malachite, from a monzonite dyke, assayed 0.1939 per cent copper and 0.150 gram per tonne gold (Sample WR05, Assessment Report 21781).

The Joh 4 showing, 900 m south of Joh 2, consists of disseminated chalcopyrite in diorite and in epidote-K-feldspar stringer zones. The mineralization occurs in a diorite-volcanic contact zone. Fourteen rock samples taken from this showing assayed greater than 0.1% copper, to a high of 2.15%, and fourteen samples assayed greater than 0.2 g/t gold, to a high of 1.9 g/t (Assessment Report 21782)."

Darb - Minfile No. 094D 135

"The Darb occurrence is located approximately 2.8 kilometres east-southeast of the southern tip of Darb Lake. Mineralization occurs within two shear zones approximately 200 metres apart cutting basalts and metavolcanics close to the contact with a diorite stock. The shear zones trend northwest and contain chalcopyrite, pyrite and malachite. These shear zones are erratically mineralized however a 0.6-metre sample from one of the shear zones assayed 1.7 per cent copper and 0.05 per cent molybdenum (Property File - Burgoyne, A.A., 1973)."

Joh 7 - Minfile No. 094D 179

"The Joh 7 occurrence is located on a ridge 4.5 kilometres south-southeast of Johanson Lake. The mineralization was documented during a 1994 exploration program on the Joh property by Hemlo Gold Mines Limited (EMPR Assessment Report 23543). It comprises pyrite, chalcopyrite and malachite, which occur in quartz veins and as disseminations and fracture coatings. The host rocks are volcanic breccias of the Upper Triassic Takla Group together with diorite dikes of unknown, but suspected Late Triassic age (EMPR Fieldwork 2004, page 109-130). The Takla Group and associated dioritic rocks are contacted a short distance to the west by apparently unmineralized tonalite of the early Middle Jurassic Darb Creek pluton."

Several other minor showings have been reported on the Red Lion property by various exploration companies that consist primarily of minor traces of chalcopyrite or malachite in epidote, potassium feldspar-altered stringer zones or in pyritic quartz veins, particularly prevalent along the ridge between Joh 2 and Joh 7 showings.

Copper-gold mineralization in the area of the Red Lion property is most commonly associated with plutons and related dikes of the Late Triassic dioritic suite. The most common style of mineralization consists of pyrite-chalcopyrite disseminations and blebs within and along fractures, in narrow quartz and quartz-carbonate veins, and within local, commonly silicified shear zones. These modes of occurrence are often spatially associated, occurring within and peripheral to the dioritic rocks. North and northwest trending structural control is frequently noted. Significant gold values are associated with some of the northwest-trending quartz veins, some of which are lens-shaped and may represent tension gashes.

The geologic environment of the Cu-Au showings on the central part of the property may be described as propylitized monzodiorite and volcanics, with sparse but widespread mineralization. Although no areas of more intense alteration and mineralization have been identified on surface, this potential exists at depth or perhaps at lower elevations where outcrop is scarce. The eastern and western parts of the property have had very minimal geochemical exploration and even the areas of known mineralization and geochemical anomalies on the central ridge have had only preliminary, wide-spaced geophysical surveying, with no drilling to explore favourable areas at depth. Based on these observations, areas on the Red Lion property underlain by dioritic intrusions and their contact zones with Takla Group volcanic rocks are considered to be excellent targets to explore for porphyry-style Cu-Au mineralization.

5.0 Previous Work

The region surrounding Red Lion has had a relatively long history of exploration, predominantly in the areas of Solo Lake, 1 km to the southwest of Red Lion, and the Kliyul deposit, 2.8 km south of the property (fig. 5). Work within the property area, however, has been more limited.

In1946 auriferous quartz veins were discovered near Solo Lake (Goldway Peak) and since that time exploration of that area has included numerous trenches on several veins, a short adit on one of the veins, grid soil geochemistry, a 1.5 ton bulk sample and two short drill holes. The veins are narrow and grades are erratic, but some of the better values included 74.06 g/t Au over 0.29 m and a 1 metre chip sample from a quartz pod that returned 15.5 g/t Au.

In the area of the Kliyul prospect, to the south of Red Lion, earliest exploration in the 1940's revealed gold-bearing quartz veins, with a best channel sample intercept of 0.66 m grading 47 g/t Au and 96 g/t Ag. More extensive work began in 1970 when Kennco Explorations undertook geochemical, geological and geophysical surveys defining a 1.8 km x 0.6 km IP chargeability anomaly with areas of coincident copper soil geochemical and magnetic anomalies. Copper-gold bearing skarn zones were discovered along the sheared contact between intrusive and volcanic rocks. Continuing exploration included grid soil geochemistry, geophysics and 15 shallow diamond drill holes in 1973-74, testing magnetite-copper-gold mineralization.

In 1981 four more holes were drilled by Vital Mines in the Kliyul main mineralized area intersecting stockwork-style calcite-epidote-magnetite veinlets cutting volcanic rocks, with chalcopyrite noted mainly in the veinlets but also disseminated in the host rock. In 1984, based on re-logging and sampling of core by BP Minerals, a resource of 2.5 million tons averaging 0.3% Cu and 0.03 opt Au was calculated for the skarn zone. In 1993-94, Noranda Exploration Company drilled 6 reverse circulation holes and 10 core holes in the Kliyul area and airborne electromagnetic and radiometric surveys were flown. Soil geochemistry was carried out and the Pacific Sugar skarn zone was discovered to the north of the Kliyul occurrence. In 1996 five short holes were drilled by International Conquest Exploration on the Pacific Sugar Zone, with a best intersection of 0.27% Cu and 0.54 g/tonne Au across 9.4 metres.

No further work was reported until 2006, when Geoinformatics, noting that historic drilling on the Kliyul magnetite skarn was generally restricted to within 100 metres of surface, drilled two deeper holes targeted at historic magnetic data. Their best intersection graded 0.23% Cu and 0.52 g/tonne Au over 217.8 metres of core. The following year, Geoinformatics drilled three holes (1247.0 m) to the southeast of Kliyul that intersected sericite-pyrite ± chlorite ± quartz alteration throughout, with narrow magnetite-pyrite-chalcopyrite zones at depth, however there were no significant grade intersections.

In 2010, Kiska Metals Corporation re-logged eight historic core holes and showed that Cu-Au mineralization is preferentially associated with chlorite-epidote-magnetite and sericite-ankerite alteration and that these, as well as other deposit features, are consistent with the presence of a porphyry hydrothermal system at depth. The property was optioned by Teck Resources Ltd. which undertook a program of deep diamond drilling and induced polarization surveying in 2015. Four holes were drilled, returning wide intervals of porphyry style copper and gold mineralization, with higher-grade sub-zones, that extended known mineralized areas laterally and to depth. Reported highlights included 245 metres averaging 0.18% Cu and 0.53 g/t Au and 162 metres averaging 0.20% Cu and 0.26 g/t Au (Kiska Metals Corporation News Release, Nov 4, 2015).

The early successes of the work programs at the two projects described above prompted exploration of the geologically similar region to the north, mainly in the area comprising the central part of the Red Lion property. In the early 1970's this area was explored by the UMEX-Wenner Gren Joint Venture.

Their work consisted of stream sediment sampling and an aeromagnetic survey that covered the Red Lion property but was part of a much larger survey.

Copper stream sediment anomalies were identified at Red Lion, associated with aeromagnetic anomalies that correlate with three plutons intruding Takla Group volcanic strata. Copper mineralization was reported in a diorite intrusion west of Darb Lake and in diorite and volcanic rocks to the southeast of Darb Lake.

In 1991 Swannell Minerals Corporation acquired an option on a property that encompassed the central part of Red Lion and undertook stream sediment geochemistry and prospecting with encouraging results (Leriche and Luckman, 1991). This was followed up in 1992 by 97 km of grid lines, geological mapping and rock and soil sampling, producing 109 and 848 samples respectively, primarily on the ridge to the southeast of Darb Lake (Leriche and Taylor, 1992). This work outlined a strong, 4,500 m by 700 m copper-gold soil anomaly, associated with porphyry style copper-gold showings, at the contact of propylitized monzodiorite and andesite. Based on anomalous samples from stream sediments and copper/gold mineralization in rocks, five target areas were identified on the Darb property. Most significant were diorite/volcanic contact zones. Fourteen rock samples had copper values over 1000 ppm, with a high of 21,517 ppm. Fourteen samples in the same area assayed above 200 ppb gold, including a high of 1930 ppb (1.93 g/t). Limited ground magnetometer work was done, with inconclusive results, but apparently no IP surveying or drill testing was done.

In 1994 Hemlo Gold Mines Inc. sampled a small grid over a part of the area gridded by Swannell to the southeast of Darb Lake and duplicated the copper-gold soil anomaly (Gill, 1994). Rock sampling was conducted in the area of the anomaly and returned some anomalous copper and gold values. However, although dioritic intrusions and structural deformation were observed in the mineralized areas, Gill was of the opinion that there was no evidence of continuous surface mineralization or alteration that would be expected with a large-scale porphyry or skarn related system. Hemlo did no further work.

In 2004 and 2005 Serengeti Resources Inc. carried out limited stream sediment and rock sampling in the central part of the Red Lion area and confirmed some of the copper and gold anomalies from previous work (Osatenko, 2006). Some of their better results were 2030 ppm Cu, 127 ppb Au over 37m from a ridge-top mineral showing located 2.7 km east-southeast of the south end of Darb Lake. The sample was a composite of rock chips collected at 1m intervals in an area of strong propylitic alteration containing chalcopyrite, malachite and minor potassium feldspar. Additional rock sampling and geological work were recommended, but not carried out.

In 2011 DeCoors Mining Corp. undertook mobile metal ion (MMI) soil geochemical sampling over a small grid on the central part of the property, in addition to limited rock sampling, that were part of a larger-scale program on a mineral property that covered portions of the Red Lion property. Assessment report 32618 by Ostensoe et al. (2011) presents geochemical results for the samples and a brief evaluation of the results from the Red Lion area, as follows:

"Strongest metal values in rock samples overall, are in eleven rock samples that are clustered along a ridge top that extends southeasterly from 2 km southeast of the southeast end of Johanson Lake and lies in geologic unit "EJqd", described as "Mesozoic – unnamed quartz diorite intrusive rocks". The area is particularly rugged, with steep slopes to the west and moderate slopes to the east side of the ridge. No MMI soil geochemical samples were obtained from the ridge but strong copper values, as high as 11,000 ppb, and slightly elevated gold values, as high as 186 ppb, were reported from MMI samples taken nearby at the east end of the ridge."

In 2015 Rowe (2015a) compiled and contoured the copper results from previous soil sampling programs as shown on Figure 7. The results defined a very large area of anomalous copper in soil (>200 ppm) that trends northwesterly over the entire grid length of 4.6 km and ranges in width from 700 to 1700 m. A central core of the anomaly, with very strong values >500 ppm Cu, extends 4.2 km with a width of 400 to 800 m. This copper anomaly follows approximately along the ridgetop and extends down the slopes on both sides, coinciding with a monzodiorite body that has the same northwest orientation. The southeast end of the anomaly is within an area mapped as Takla volcanic rocks, but geological reconnaissance has identified monzodiorite outcrops in this area as well. The anomaly remains open past the edges of the grid to the northwest and to the southeast.

The soil samples likewise revealed extensive gold anomalies that correlate very well with the copper anomalies along the ridge (Leriche and Taylor, 1992). On the main grid a sizeable gold anomaly with values >40 ppb (up to 500+ ppb) measures approximately 3.7 km by 700 m within the same area as the large copper anomaly.

Leriche and Taylor (1992) commented that the likely source of the large Cu-Au geochemical anomaly is from local malachite stained fractures and mineralized quartz-carbonate veinlets in volcanic and intrusive rocks along the central ridge. There is good bedrock exposure along the ridge tops and small copper showings have been found there, but a large portion of the anomalous area is covered by talus, which may obscure more strongly mineralized zones. The copper anomaly is larger than the gold, likely because copper has a higher mobility in soils/talus fines.

In 2015, Garibaldi Resources Corp. commissioned an airborne magnetic and radiometric survey totalling 545 line-km covering the entire area encompassed by the Red Lion property at that time. An evaluation report by geophysical consultant J. Lajoie (in Rowe, 2015b) stated that the geophysical data correlate well with known geology although revisions to some geological boundaries were suggested based on the geophysical patterns. Two new intrusive bodies were interpreted based on magnetic signatures resembling those of known mineral-hosting, late Triassic, intrusive rocks. Five specific targets were recommended for field investigation based on high magnetic and K/Th values.

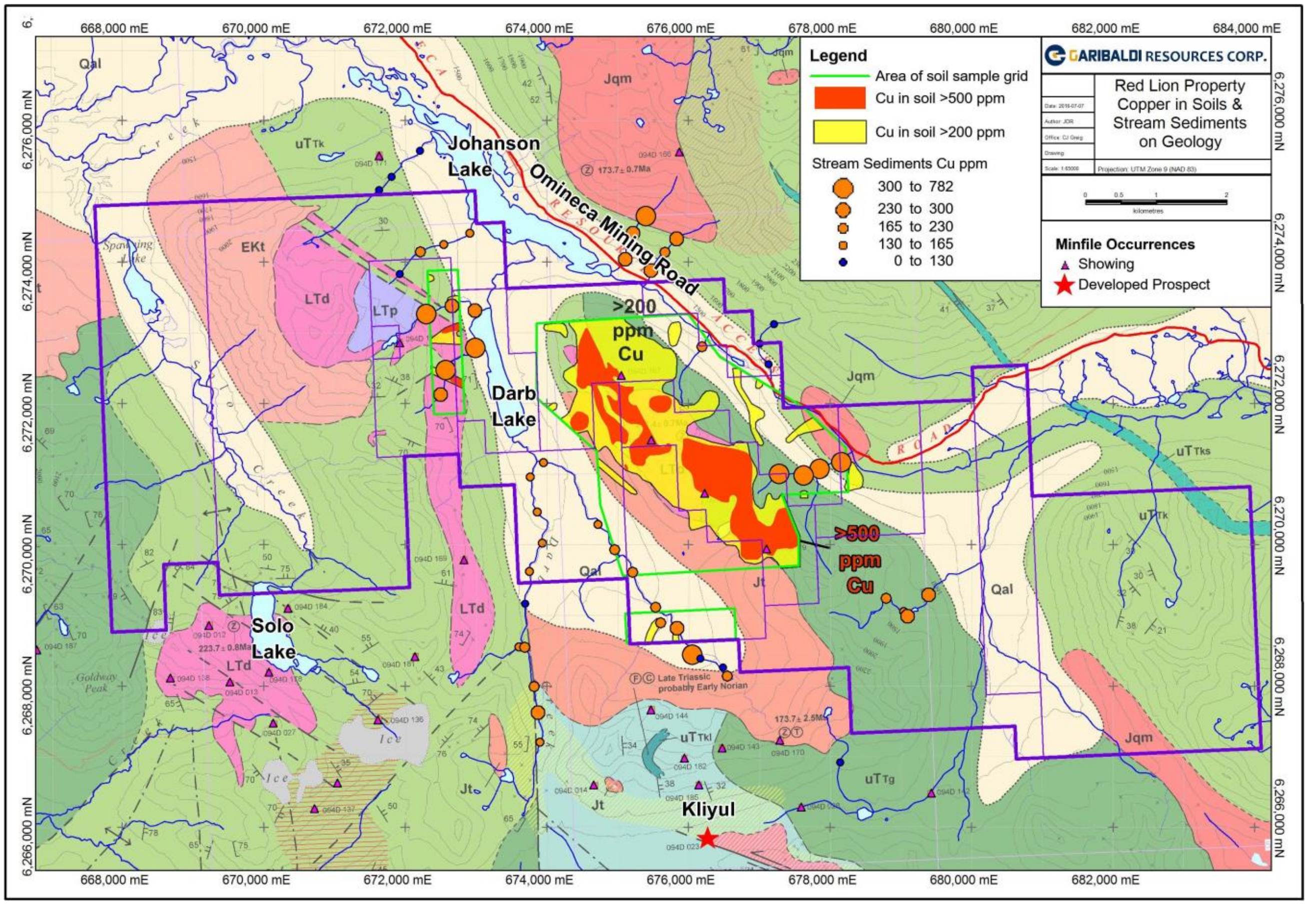


Figure 7. Contoured copper-in-soil anomalies (Orange >500 ppm, Yellow >200 ppm) and stream sediment copper anomalies; note that the green polygons show the extent of soil sampling.

Also in 2015, Garibaldi Resources Corp. had geological reconnaissance undertaken in three areas of the property that had previously returned anomalous copper and gold values in soils and stream sediments and had shown elevated magnetic response and higher potassium (K) values from radiometric surveying. The examination revealed widespread chlorite, epidote alteration in diorite and adjacent volcanic rocks, typical of propylitic alteration (Rowe, 2015b). Localized small showings of copper are present, generally consisting of sparse specks of chalcopyrite with pyrite in quartz veinlets, or disseminations in altered and occasionally sheared intrusive rock. Although narrow quartz veins with pyrite and minor chalcopyrite are relatively abundant in strongly jointed diorite and basalt, there were no areas of more intense alteration or concentrated mineralization observed along ridge tops. Downslope from the ridges, however, the slopes are covered by talus and overburden that could effectively hide more strongly mineralized zones.

6.0 Geophysical Program 2015

The work documented in this report is divided into two parts, undertaken in September, 2015 and in July-September, 2016. The first part of the program comprised 26.4 line-km of wide-spaced Induced Polarization (IP) survey lines in two areas of the Red Lion property that had exhibited anomalous Cu-Au geochemistry, favourable geology and magnetic highs. The second part of the program, documented below in Section 7.0, consisted of geological reconnaissance, with soil and rock sampling, to evaluate targets identified by the 2015 IP surveying. The geophysical results are evaluated below and a program of additional follow-up work is recommended to test the targets.

6.1 Induced Polarization Survey Procedures and Targets

Scott Geophysics Ltd., of Vancouver, BC was commissioned by Garibaldi Resources Corp. to undertake IP surveying in two areas of the property. An A-Star helicopter owned by SilverKing Helicopters from Smithers, BC transported the crew to more remote lines, while lines that were closer to the Omineca Road were accessed by foot. The crew stayed in a temporary tent camp located near the north end of Johanson Lake at the site of two existing cabins beside the Omineca Road. Eleven lines, totalling 26.4 line-km, were surveyed from September 9 to 27, 2015. The Scott Logistical report, containing technical details of the survey is attached in Appendix I and the results are summarized below. Basic pseudosections from the Scott report are also attached in Appendix I.

IP survey lines were established by compass without the aid of cut lines, oriented at approximately 050° and typically spaced 600 m apart, with the exception of one line spaced at 1000 m. The survey used a pole-dipole array with dipole spacing of 100 m and 6 separations. GPS readings were taken at each electrode station to establish ground location.

IP line locations are shown on Figure 8, overlain on a plot of the 200 ppm and 500 ppm contours for copper-in-soil geochemistry and the locations of anomalous copper in stream sediment samples. Minfile mineral occurrences are also shown on the map as pink triangles. The copper-in-soil values were compiled from reports by Leriche and Taylor (1992), Gill (1994) and Ostensoe et al. (2011). Stream sediment values are from Leriche and Luckman (1991a and 1991b).

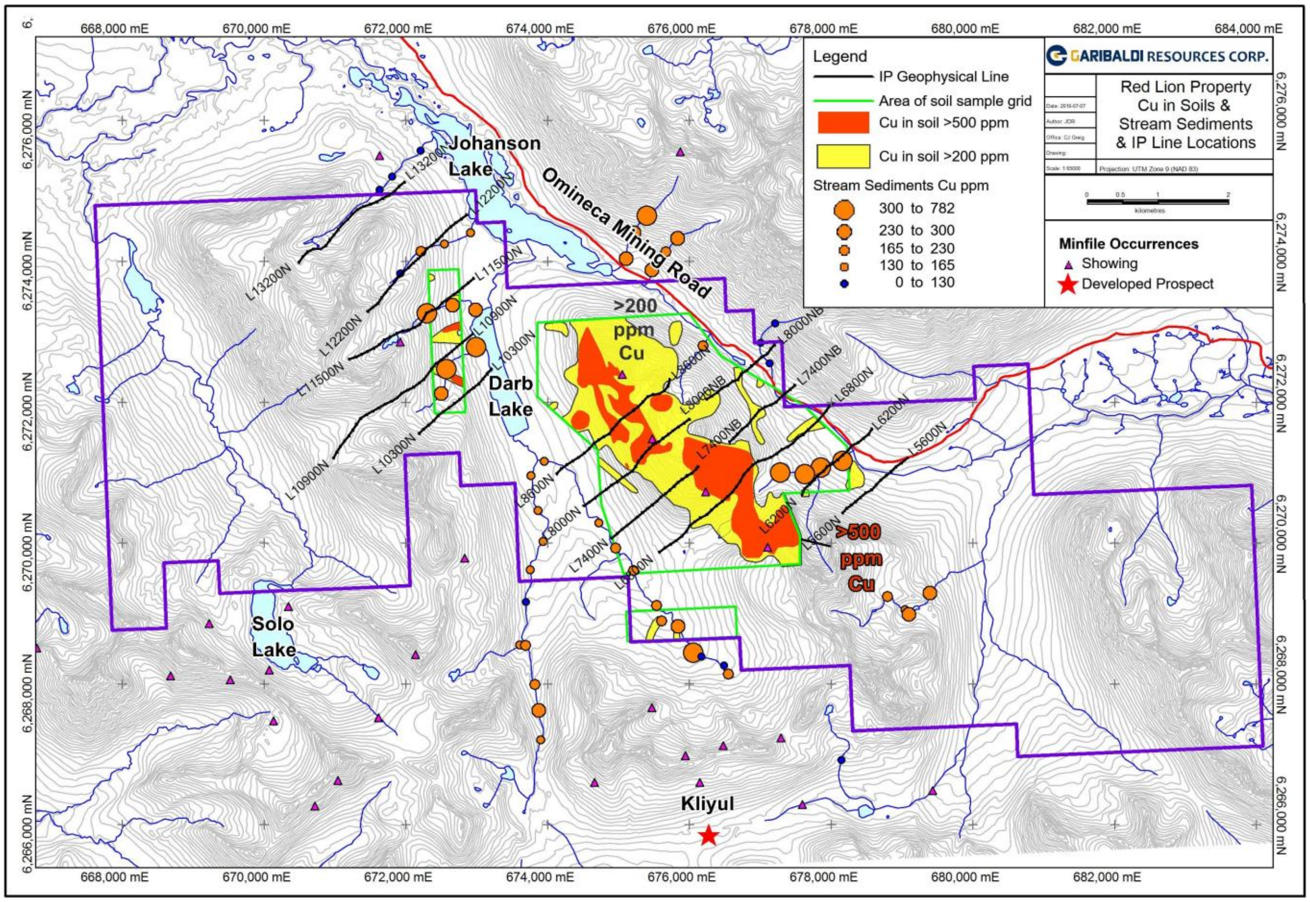


Figure 8. IP survey lines on soil and stream sediment copper geochemistry; note that the green polygons show the extent of soil sampling.

Figure 9 shows the IP survey lines overlain on residual magnetics that were measured by an airborne survey flown over the western and central parts of the property in 2015 (Rowe, 2015b) and Figure 10 shows IP lines overlain on geology that has been compiled from mapping by Schiarizza and Tan (2005a).

The IP survey lines were established to test two areas, referred to as east and west grids. The east grid tested an area of strongly anomalous copper (and gold) soil geochemistry (fig. 8) as well as a northwest-trending magnetic high (fig. 9) that also coincides with an area of anomalously high K/Th radiometric values (Rowe, 2015b). The area of the magnetic high is known to be underlain by a diorite to monzodiorite intrusive body, with accessory magnetite, that is extensively propylitized with abundant, but wide-spaced, surface showings of quartz-pyrite veins that locally contain sparse, disseminated chalcopyrite (fig. 10). The area to the west of this dioritic intrusive body is underlain by a relatively fresh Middle Jurassic tonalite stock. The area to the east is underlain by upper Takla Group basaltic volcanics that, farther east, are in contact with lower Takla Group volcanic sandstones and lapilli tuff. Along this latter contact zone are small northwest-oriented stocks of Middle Jurassic monzonite (fig. 10).

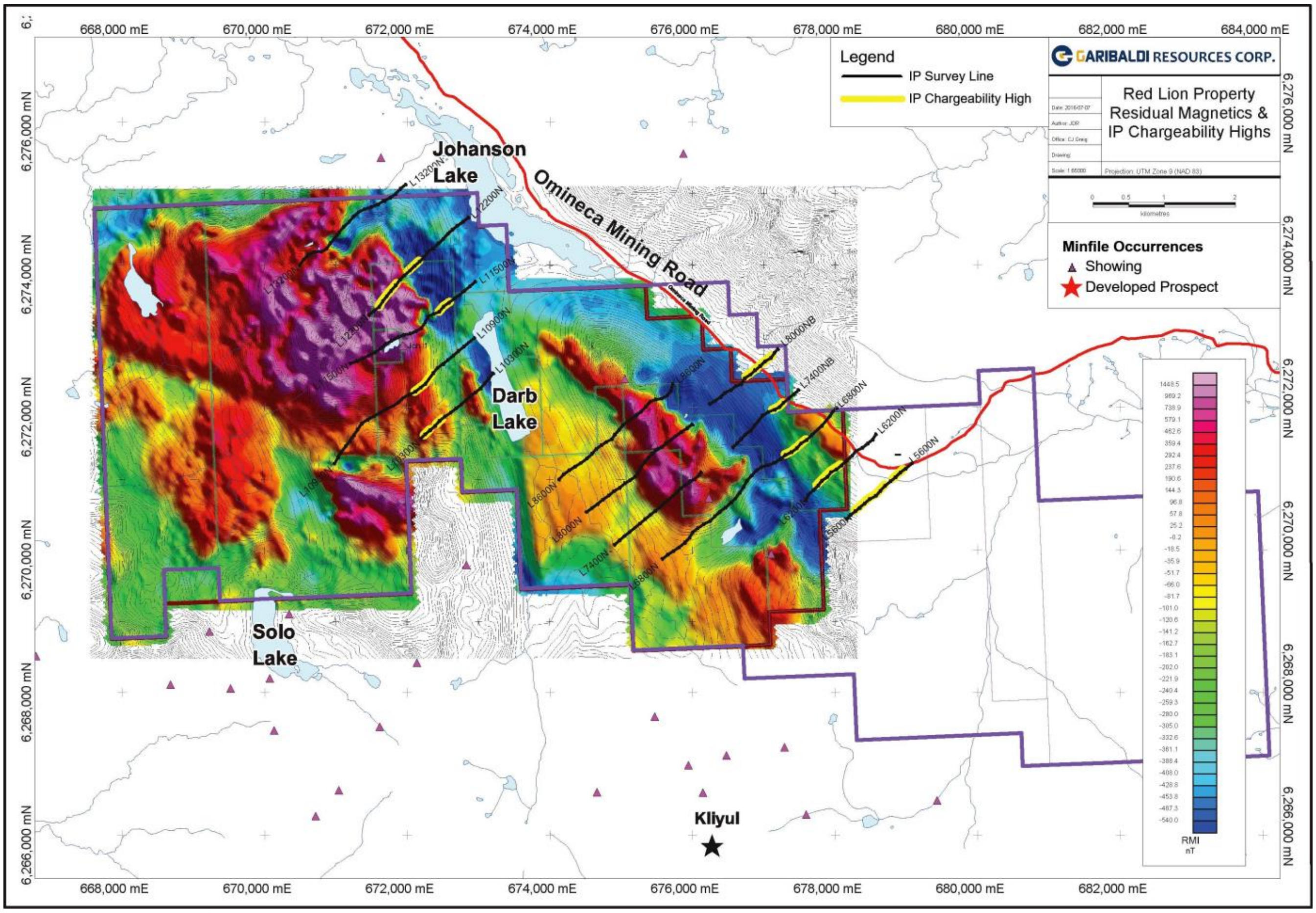


Figure 9. IP survey lines on residual magnetics, "warmer" colours are higher magnetic values.

The east grid IP survey lines extend from the tonalite stock eastward across the magnetic diorite body, then across the Takla volcanic and volcanic sedimentary rocks that are represented by a magnetic low, as well as two lines crossing a small monzonite stock that shows as a moderate magnetic high. The results of the IP geophysical test lines are discussed in the following section, below.

The west grid IP survey lines covered the east part of a magnetic high that represents an intrusive complex of mafic and ultramafic rocks, and extended northeast into adjacent volcanic sedimentary rocks that show as magnetic lows (fig. 9). The southern three lines also cover the drainage areas of two small streams that returned anomalous copper and gold values in sediment samples (fig. 8). As well, the west grid area contains local gossanous outcrops and at least one showing with chalcopyrite in quartz veins.

The IP program commenced with testing of the primary target on the east grid, with lines 8600N, 8000N and 7400N located on the west slope of the mountain ridge underlain by diorite. The lines could not advance to their planned eastern extent due to steep topography. Results on these first three lines were disappointingly low; therefore, while the helicopter remained available, it was decided to survey the reconnaissance lines of the west grid. After they were completed, the crew then returned to the east grid to survey the last remaining line; 6800N, whereupon a very strong IP response was discovered at the extreme east end of the line. Thus lines 7400NB and 8000NB were established to the north in anticipation of tracing this new anomaly along trend. Line 6800N was then extended farther to the east, to close off the anomaly, and then lines 6200N and 5600N were completed to the south.

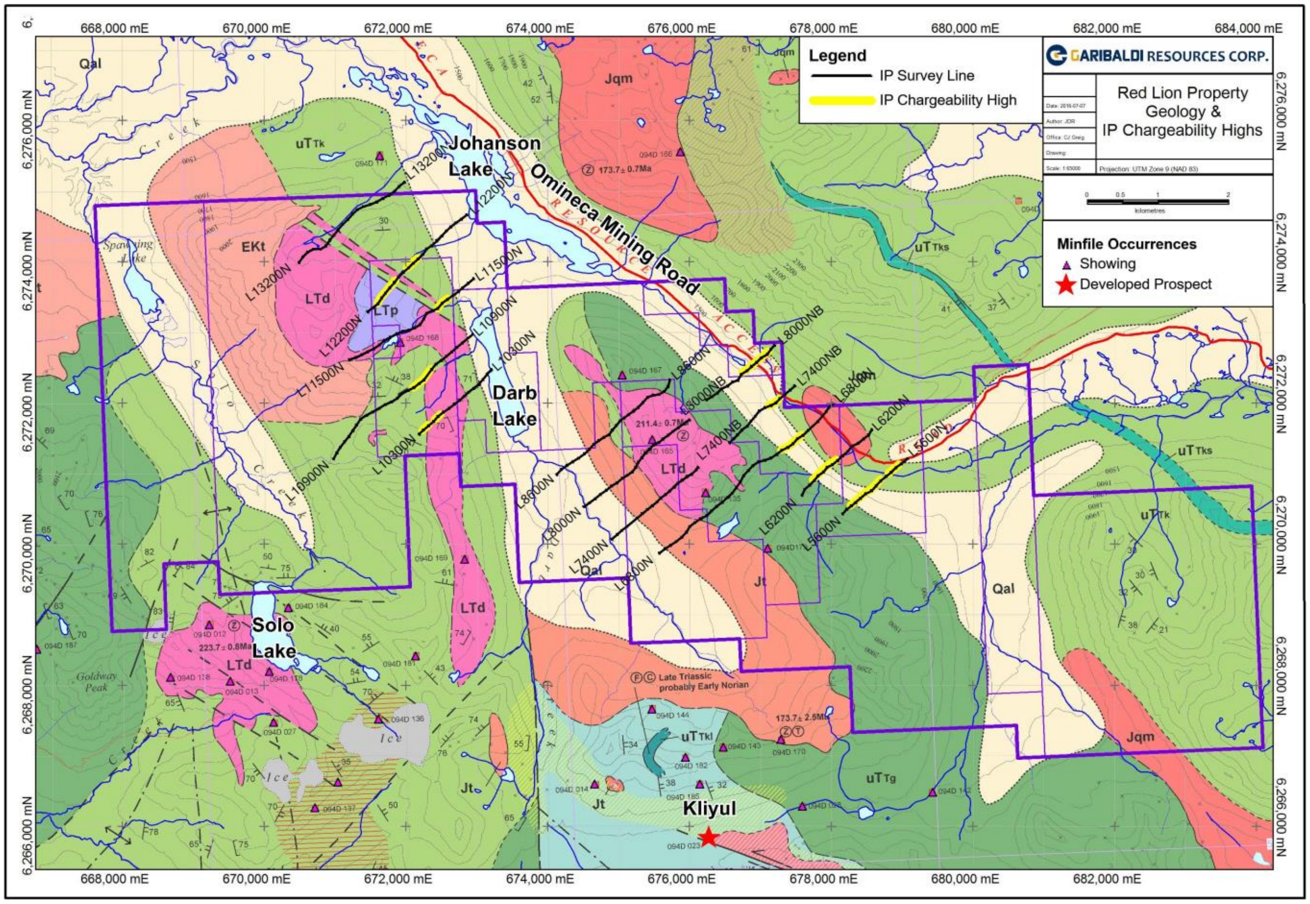


Figure 10. IP survey lines on geology, see Figure 6 for geologic legend, (source is Schiarizza and Tan, 2005a).

6.2 Induced Polarization Survey Results and Interpretations

All data from the IP survey were edited by one of the authors (Lajoie) and the pseudosections were plotted on topographic profiles with the magnetic profile of the original Total Magnetic Intensity (TMI) from the 2015 aeromagnetic survey stacked on top. Then, except for the first three survey lines on the west side of the mountain ridge that had returned low values, the data were inverted and presented stacked in the form of field pseudosection on top, inversion section, and predicted pseudosection on the bottom, the latter being the pseudosection computed from the inversion result. High resolution plots of the stacked profiles are attached in Appendix II. Field data, inversion sections and predicted pseudosections use the same color scheme throughout the report to facilitate comparison.

6.2.1 East Grid Lines 7400N, 8000N and 8600N

Figure 11 shows the location of the first three IP lines of the east grid; 7400N, 8000N, and 8600N, on the west side of the mountain ridge, overlain on a color contour plot of Residual Magnetic Intensity - Reduced To Pole (RMI-RTP) and topographic elevation contours. Note that the magnetic contours show a very close correlation with elevation contours. The location of the Joh4 Minfile mineral occurrence is shown at 5540E on the center line (8000N), which places it at the ridge top. The prominent magnetic response is caused by disseminated magnetite in a diorite to monzonite intrusive body. Figures 12, 13, and 14 show compilations of the aeromagnetic TMI profile (upper), followed by the pseudosection plots of resistivity (middle) and chargeability (lower) data on topographic profiles.

All three lines show weak IP values, indicating that there are unlikely to be any significant concentrations of sulphide minerals in this area within about 200 m of surface. The small and localized Joh 4 mineral showing at 5540E on the ridge top in Figure 11, is within a broad area of low chargeability values, but there is a sharp, strong resistivity low present at 5450E on line 8000N in Figure 13. This low resistivity may be the result of a shear zone that is possibly northerly-trending and steeply dipping. Other resistivity lows, that may be the extension of the shear zone, occur to the south on line 7400N at about 4800E, as well as to the north on line 8600N at about 5950E.

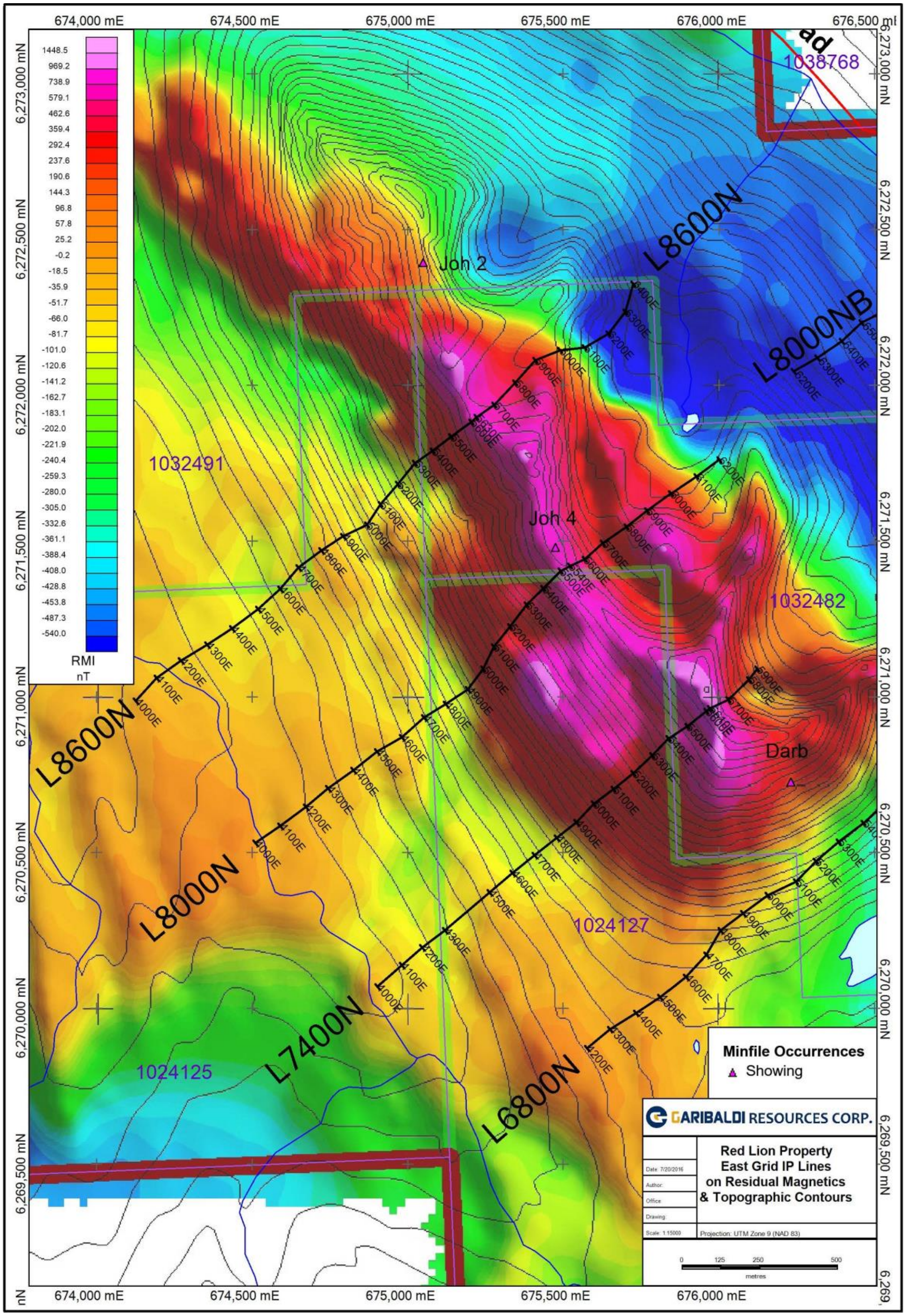


Figure 11. West side of East Grid IP lines on a color plot of Residual Magnetic Intensity - Reduced to Pole and 20m topographic contours. Survey stations are 100 m apart.

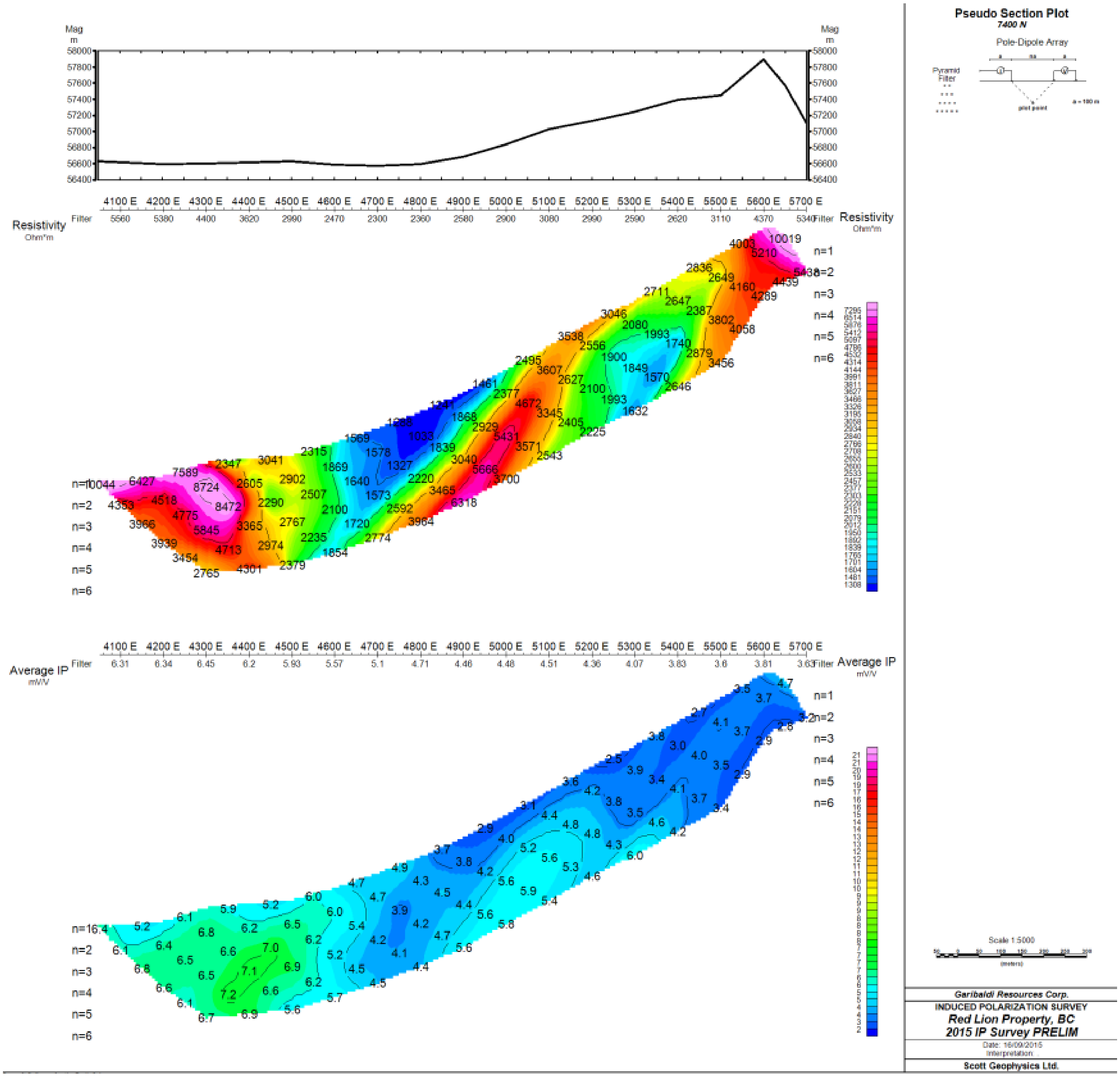


Figure 12. Line 7400N a) Aeromagnetic TMI profile, b) Resistivity Pseudosection, c) Chargeability Pseudosection

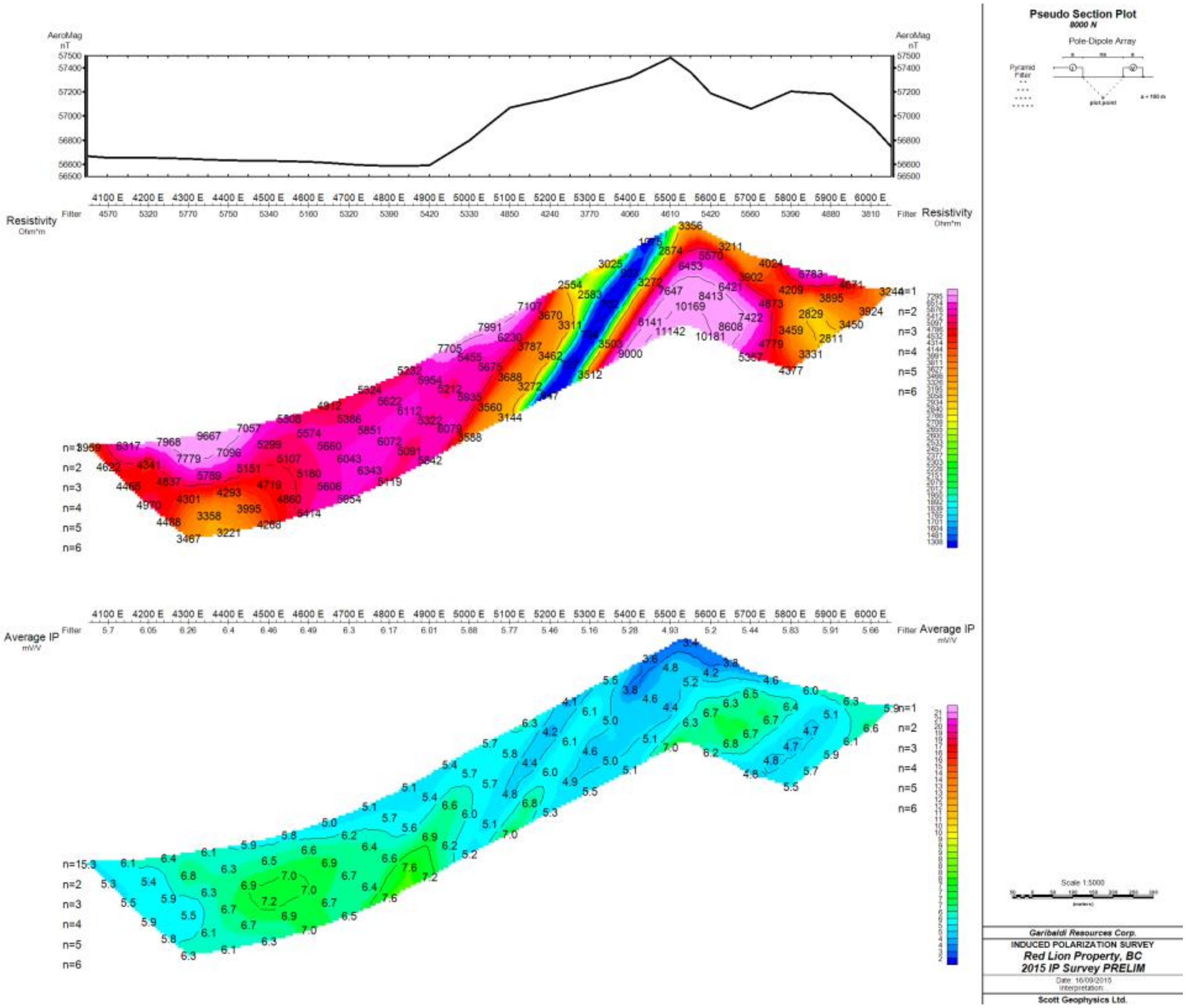


Figure 13. Line 8000N a) Aeromagnetic TMI profile, b) Resistivity Pseudosection, c) Chargeability Pseudosection

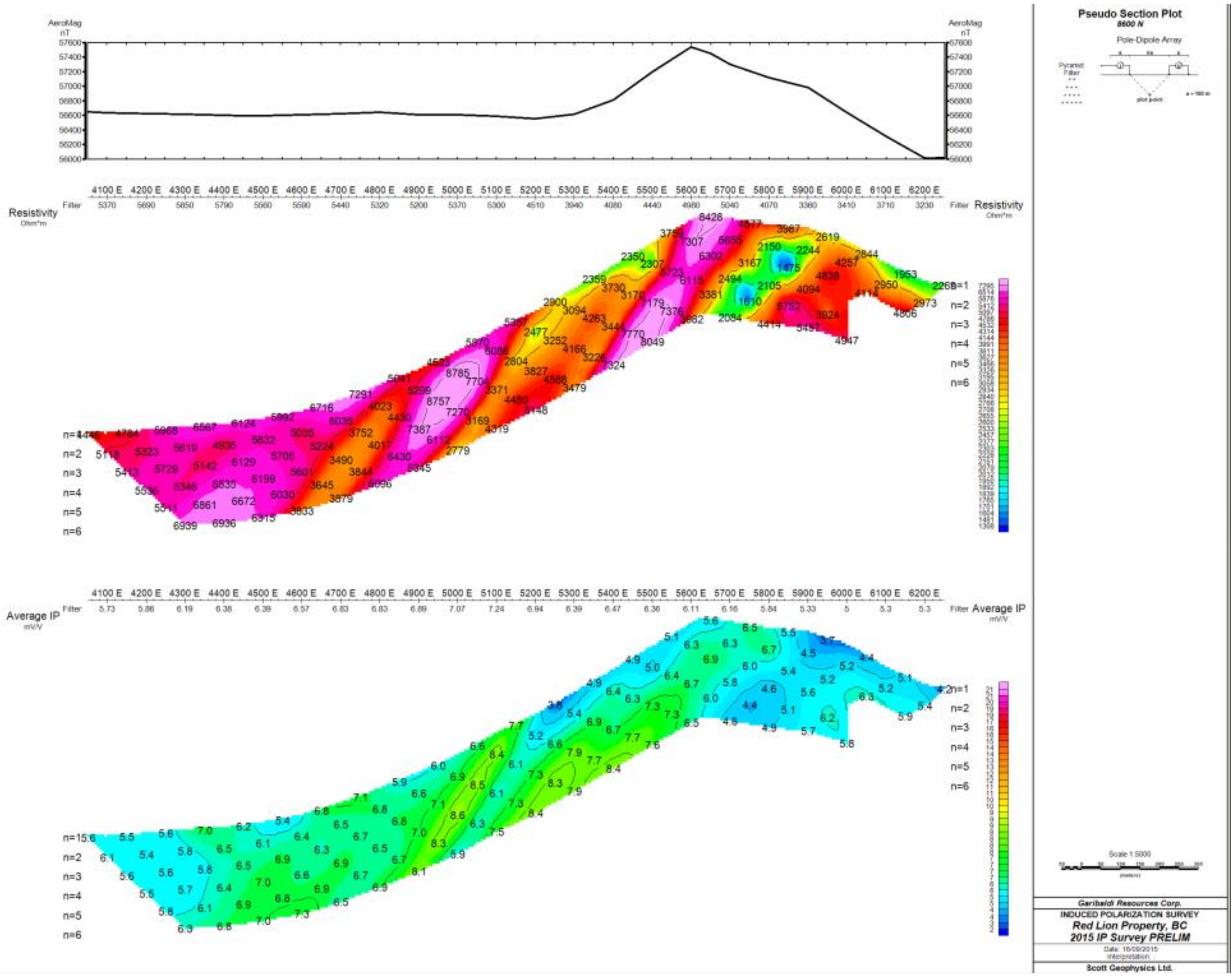


Figure 14. Line 8600N a) Aeromagnetic TMI profile, b) Resistivity Pseudosection, c) Chargeability Pseudosection

6.2.2 West Grid Survey Lines 10300N, 10900N, 11500N, 12200Nand 13200N

Five, widely-spaced reconnaissance IP lines were surveyed on the west grid, located to target magnetic and geological features of interest where topography permitted. Figure 15 shows IP lines of the west grid on a color plot of the Residual Magnetic Intensity - Reduced to Pole. Some of the lines covered the eastern part of a large magnetic high that is underlain by an intrusive complex that ranges from diorite to hornblendite in composition. The two southernmost lines crossed linear, northerly trending magnetic highs that correspond to elongate diorite bodies.

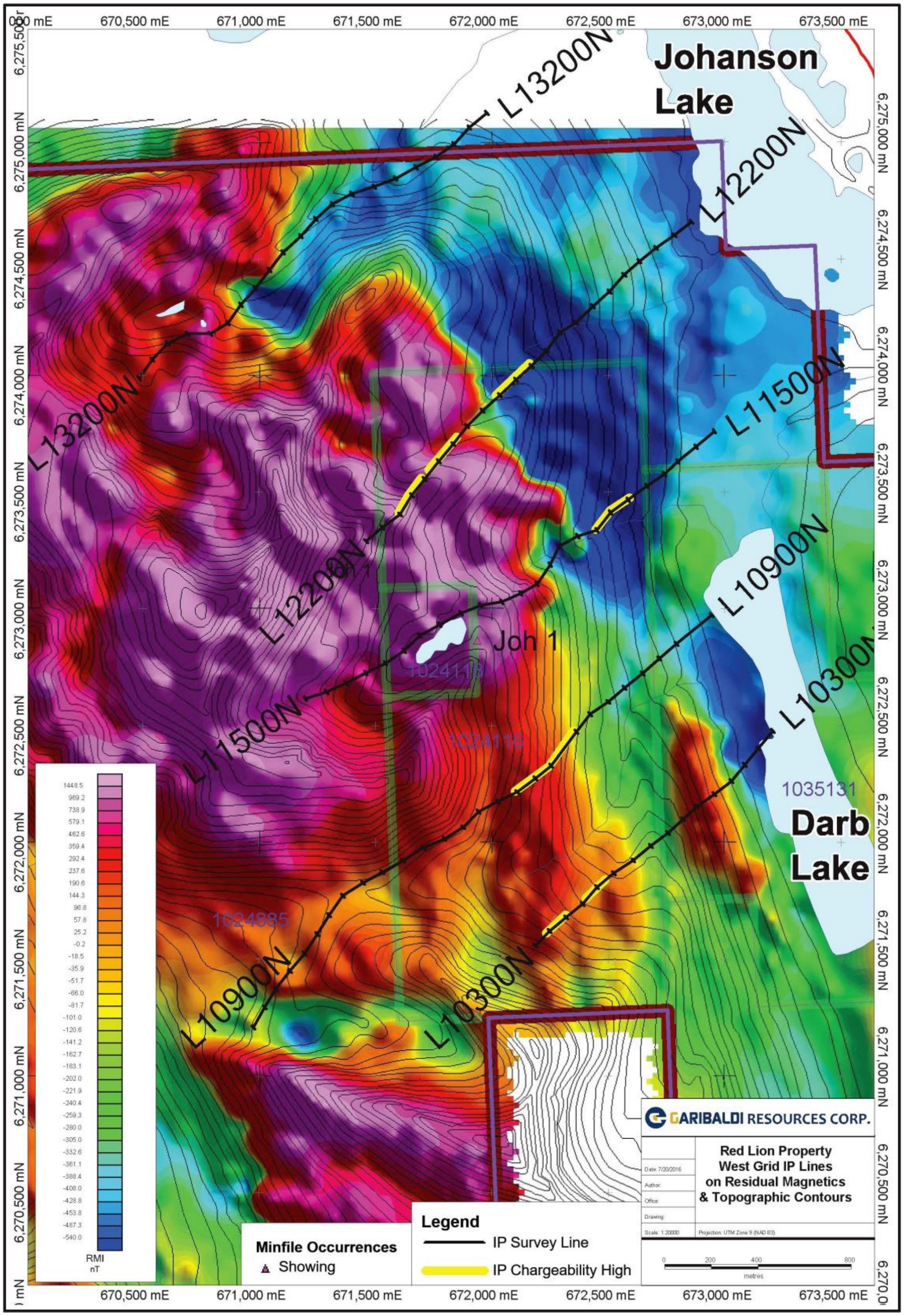


Figure 15. West Grid IP lines on a color plot of Residual Magnetic Intensity - Reduced to Pole and 20m topographic contours. Survey stations are 100 m apart and IP chargeability anomalies are highlighted in yellow.

A magnetic low to the southwest of line 10900N was to be tested, but due to field logistics it did not get survey coverage. Magnetic lows on the northeast sections of the lines reflect volcanic sedimentary rocks that are mapped in that area. Figures 16 to 18 show the stacked section results which include field pseudosection, inversion section, and predicted pseudosection. These figures are available separately as high resolution images in Appendix II.

Line 10300N was positioned to cross a sharp, linear, NNW-trending magnetic high feature directly west of Darb Lake (fig. 15), as well as the south extension of a mapped elongate body of Upper Triassic diorite, a few hundred metres to the west, that is also strongly magnetic. The smaller magnetic feature has a similar magnetic signature to the mapped diorite and it may also represent a diorite body that has not been recognized due to overburden cover. This smaller magnetic high occurs at about 3850E on line 10300N and at that location there is no distinct IP response (fig. 16); however, it does appear to correlate with a resistivity high between 3600E and 4100E that peaks at 3850E.

The chargeability values increase to the west on line 10300N, from about station 3800E to the western extent of the line, with distinct highs centered at about 3300E and 3700E. The zone of high IP correlates with the north trending diorite body. The elevated chargeability is possibly caused by sulphide minerals in these rocks, similar to the quartz-pyrite veins with local chalcopyrite noted within rusty-weathering rocks of the same units located in outcrops about 1200 m to the north. Resistivity values are low over most of this area of high chargeability, possibly indicative of alteration.

Line 10900N was positioned to cross the same north-trending magnetic diorite body as the previous line and was intended to continue west to cross a strong magnetic low on the west side of a strong magnetic high (fig. 15). Unfortunately, field logistical problems prevented the survey from extending as far as this magnetic low. Anomalous chargeability extends from about 3100E to 3900E. The highest inverted chargeability, at 3400E, is the location of a mapped northeast-trending fault, sub-parallel to the survey line that has been interpreted to have offset the diorite body by approximately 350 m of right lateral displacement (fig. 10). A strongly anomalous chargeability zone lies between stations 3200E and 3600E (fig. 16), which is on trend with the anomalous zone on line 10300N and the mineral showings located 600 m to the north. Resistivity values in this zone are generally low to moderate, with a slight increase toward 3600E.

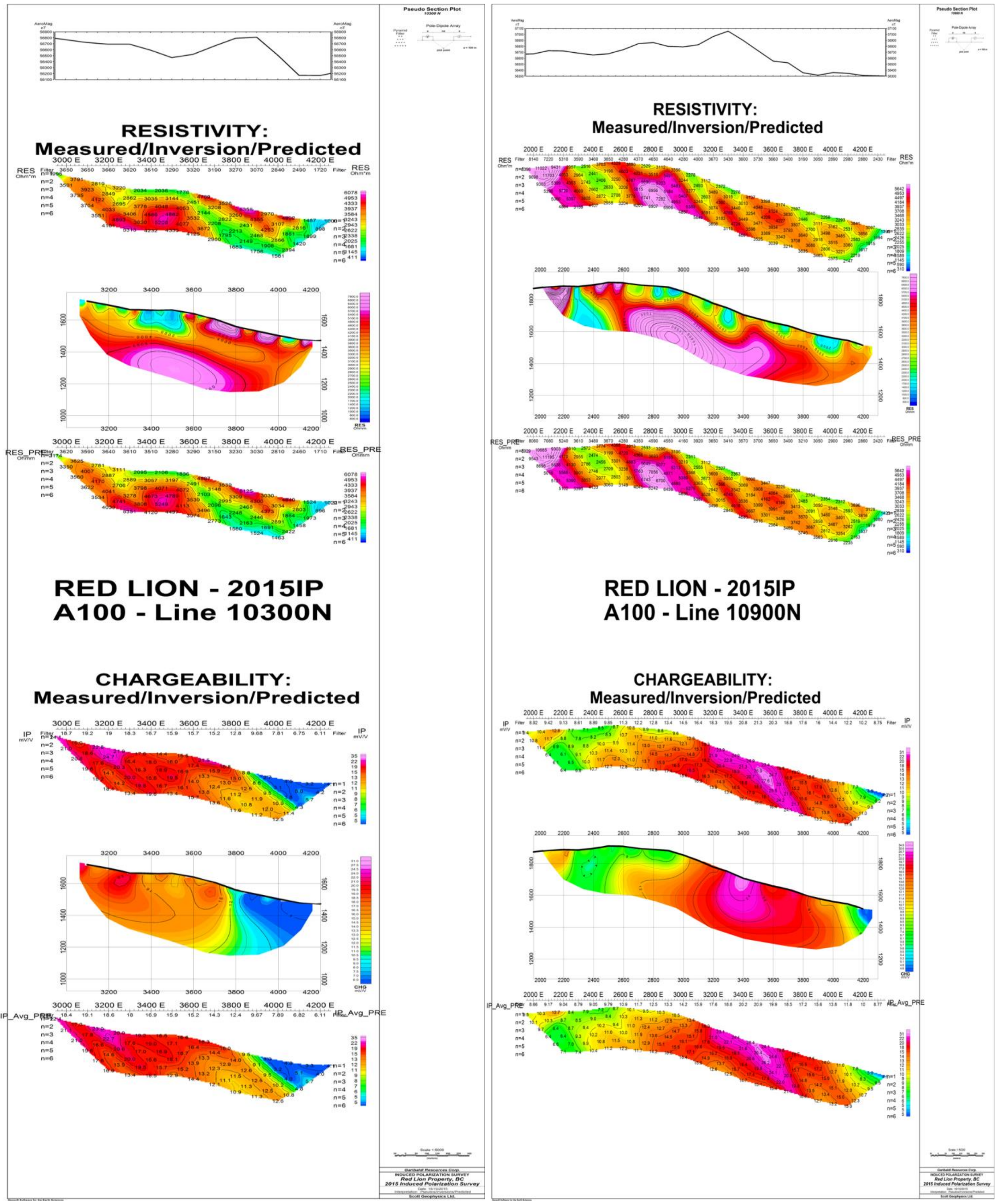


Figure 16. Lines 10300N & 10900N, aeromagnetic TMI profiles & compilations for resistivity and chargeability, comprised of measured pseudosection, inverted section, and predicted pseudosection.

Line 11500N was positioned to cross a magnetic low near the east end of the line and to continue west into a large magnetic high, passing near the Joh 1 mineral showing (fig. 15). The center of the magnetic low is located at 4300E and this coincides with the strongest IP response of over 20 mV/V on this line. This is possibly indicative of sulphide mineralization occurring in a magnetite destructive alteration zone. The strong inverted chargeability extends over a width of about 300 m, from 4100E to 4400E (fig. 17). There is a smaller elevated chargeability zone at about 3800E, located at the eastern edge of the magnetic high. Resistivity is low across most of this chargeability high, although it does increase to the east, from 4400E to 4650E. The Joh 1 quartz-sulphide vein showing occurs near station 3400E on this line and, although there is nothing distinct at this location in the near-surface IP data, there is a moderate increase in both chargeability and resistivity at depth.

Line 12200N was positioned to again test the magnetic low north of line 11500N, in an area that is mapped as volcanic sediments, and then to extend southwesterly across a mapped fault slice of diorite and into a mapped ultramafic-mafic unit along the western part of the line (fig. 10). The intrusive rocks in this area had generated a strong magnetic response and an anomalously low K/Th ratio.

Most of line 12200N, west of 5000E, has high chargeability values of over 12 mV/V, with two zones of stronger inverted chargeability standing out, from 3800E to 3900E and from 4250E to 4500E (fig. 17). The eastern anomaly is similar to the chargeability high seen on line 11500N, since it is also mapped as volcanic sediments and is within the same extensive magnetic low. Also comparable to line 11500N, the resistivity is stronger to the east of the high chargeability, from 4500E to about 5150E. These patterns suggest that there may be a northwest-trending fault zone along the chargeability high, juxtaposing higher resistivity rocks to the east of this proposed fault. The nearby Dortatelle fault runs northerly through Darb Lake, so a northwest splay fault off of the Dortatelle fault is quite conceivable in this area. Airborne magnetics also show a similar distinct linear magnetic low along the trace of the Dortatelle fault where it crosses the property (fig. 9).

The strong chargeability between stations 3800E and 3900E on line 12200N is underlain by ultramafic intrusive rocks, which could contain disseminated sulphide minerals that would explain the high chargeability. Resistivity values in this area are low; therefore, silica alteration is unlikely.

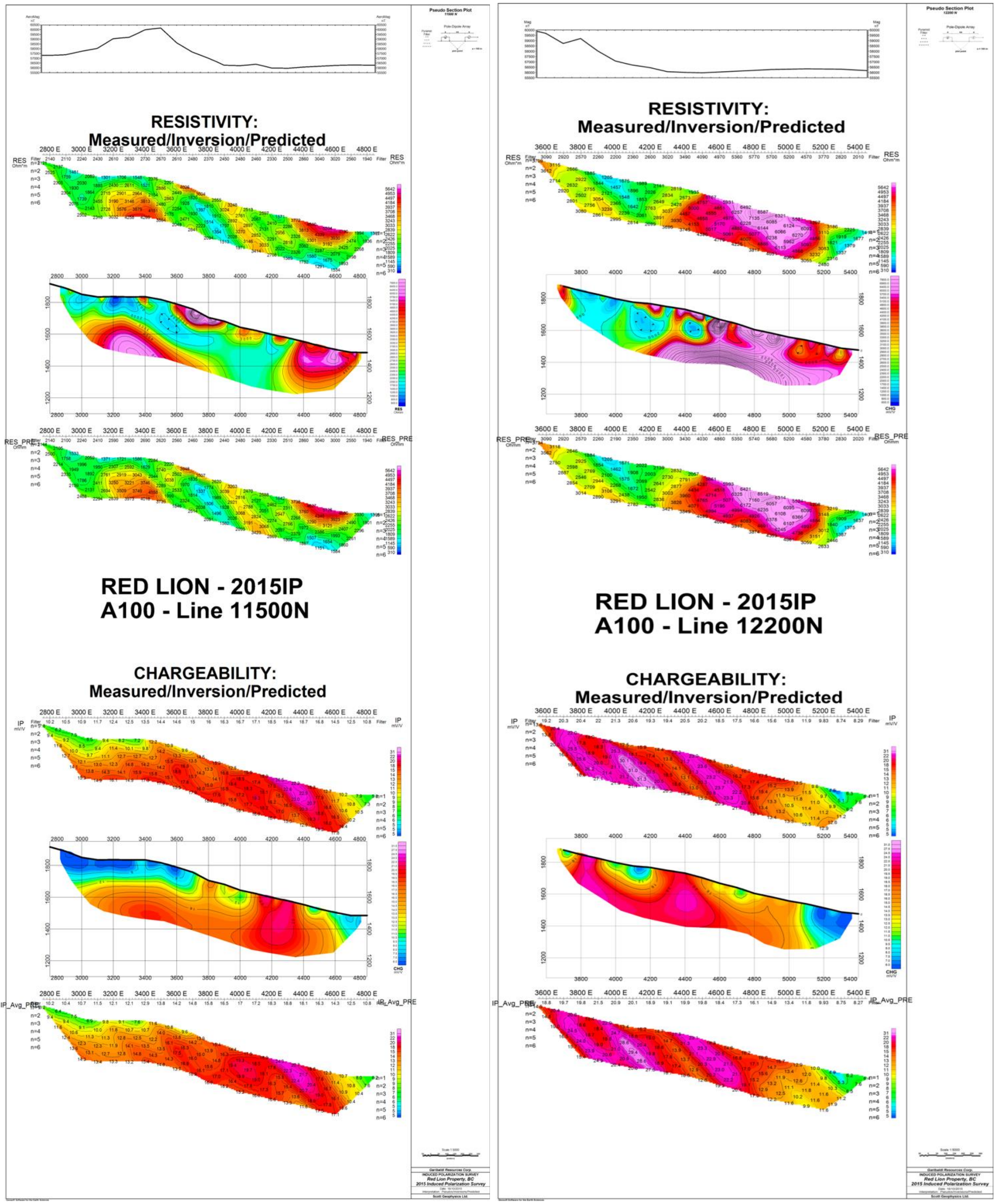


Figure 17. Lines 11500N & 12200N, aeromagnetic TMI profiles & compilations for resistivity and chargeability, comprised of measured pseudosection, inverted section, and predicted pseudosection.

Line 13200N was positioned to pass near the Joh11 mineral showing and to extend west across volcanic sedimentary rocks into a diorite intrusive body (fig. 10). The showing area is described as hornfelsed volcanic rocks, from which a grab sample returned values in Cu, Au and Ag (Minfile 094D 171). Terrain dictated that the line be located south of a steep-sided creek, some 500 m south of the showing. Most of the line has low chargeability values. Nevertheless, chargeability increases at the far east end of the line to about 15mV/V and this is the closest location to the Joh11 showing. Resistivity also increases from 4450E to 4800E, coincident with the elevated chargeability values. This increase in resistivity at the east end of the line is on trend, and matches, the increased resistivities on lines 11500N and 12200N that, as mentioned above, may be caused by a fault-emplaced rock unit of higher resistivity. The Joh 11 showing would lie about 300 m northeast of this postulated fault.

The west end of line 13200N, from 3000E to about 3800E, is underlain by diorite and, in comparison, the chargeability values are very low compared to the western section of line 12200N, which is underlain by hornblendite to pyroxenite ultramafic rocks of the same intrusive complex. This comparison makes the high chargeability zone on line 12200N appear to be an attractive target for sulphide mineralization.

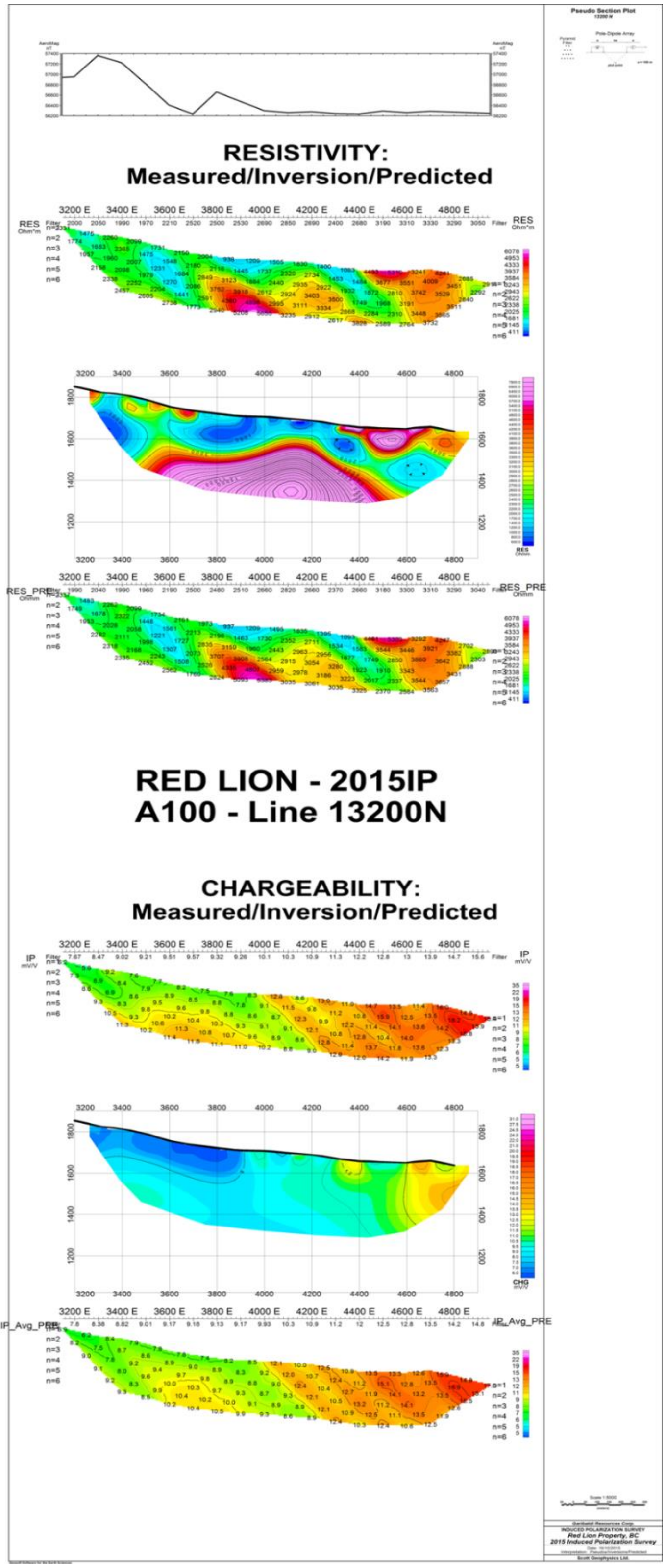


Figure 18. Line 13200N, aeromagnetic TMI profile & compilations for resistivity and chargeability, comprised of measured pseudosection, inverted section, and predicted pseudosection.

6.2.3 East Grid Eastern Line Extensions

Following completion of the west grid survey lines, it was decided to add one more line to the south side of the east grid, located southeast of the three lines that had been previously surveyed, but had returned disappointing results. This line, 6800N, also showed low chargeability similar to the other lines to the north, but encountered very strong chargeabilities and resistivity lows at the extreme east end of the planned line, from 6600E to 7000E. Anticipating a possible similar response to the north, lines 7400NB and 8000NB were added and extended as far to the northeast as topography allowed. Then line 6800N was extended another 700 m east to close off the anomaly. Two more lines to the south were then surveyed at 6200N and 5600N. Figure 19 shows the eastern lines of the east grid, overlain on the easternmost extent of Residual Magnetic Intensity - Reduced To Pole, which was at the boundary of the previously flown airborne survey. The eastern third of the map shows the underlying geology of the area. Copper soil sample results are also shown within the area of the IP survey coverage.

The magnetic data at the east edge of the airborne survey coverage demonstrates a clear correlation with a Middle Jurassic monzonite body (unit Jqm) that shows as a moderate magnetic high (fig. 19). A 500 to 1000 m-wide, northwest trending magnetic low lies to the west of the intrusive body. This area of low magnetic response has been mapped as mafic volcanic breccias of the Takla Group. Strongly magnetic areas on the ridge, farther to the southwest, are underlain by magnetite-bearing diorite to monzonite intrusions.

The results of the eastern IP lines are discussed below from north to south.

Line 8000NB was positioned to check the northern projection of the IP response indicated on line 6800N. The eastern half of the line, from about 6900E, is dominated by high chargeability values, greater than 20 mV/V, with the highest values over 30 mV/V at the easternmost data slice in the measured pseudosection (fig. 20). Thus the anomaly is not closed off and clearly extends farther east. This zone correlates with lower resistivities in the 900 to 2000 ohm m range. The area of the chargeability anomaly is covered by Quaternary glacial, fluvial and/ or alluvial material, but at the east end of the line the slope rises steeply and the upslope area is mapped as volcanic sedimentary rocks of the lower Takla Group. The chargeability anomaly area has not been tested by soil sampling, but directly upslope to the southwest there are scattered moderate copper values, with one strongly anomalous copper value. These would appear to come from a source upslope to the west of the IP anomaly.

The chargeability high and coincident resistivity low on line 8000NB coincide closely with the mapped area of Quaternary overburden cover, so it is possible that this material could be causing the anomalous response, however, if this is the case, the cover would appear to be quite thick. Alternatively, the response could be caused by a large, northwest-trending fault structure that contains clay and carbonaceous, or graphitic, material. A third, more optimistic, possibility is that the anomaly is underlain by sulphide-bearing rock within a zone of weakly resistive, argillic alteration.

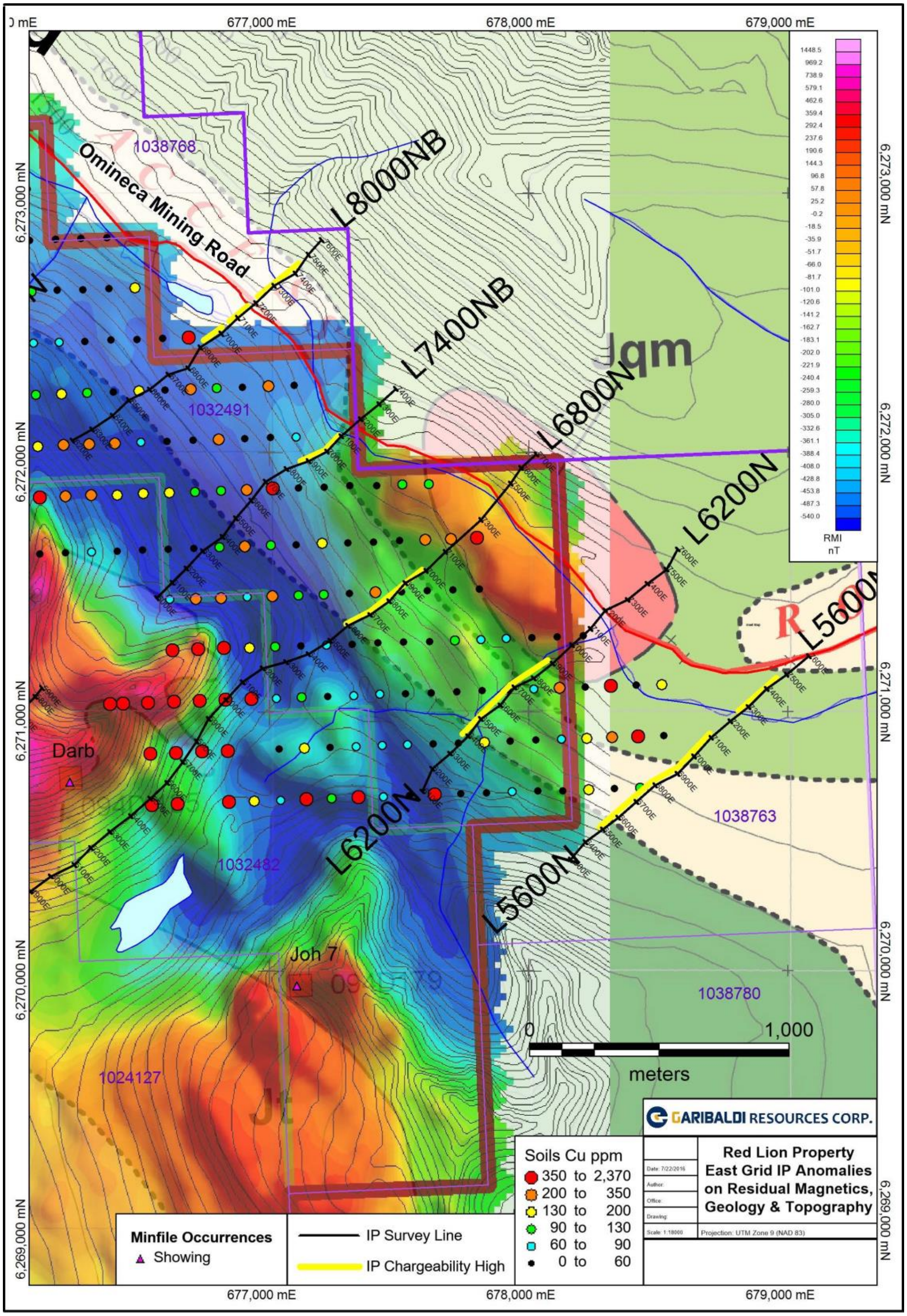


Figure 19. Eastern IP lines of the East Grid on a color plot of Residual Magnetic Intensity - Reduced to Pole on 20m topographic contours, with copper soil geochemistry. Geology is shown on the eastern part of the map. IP chargeability anomalies are highlighted in yellow.

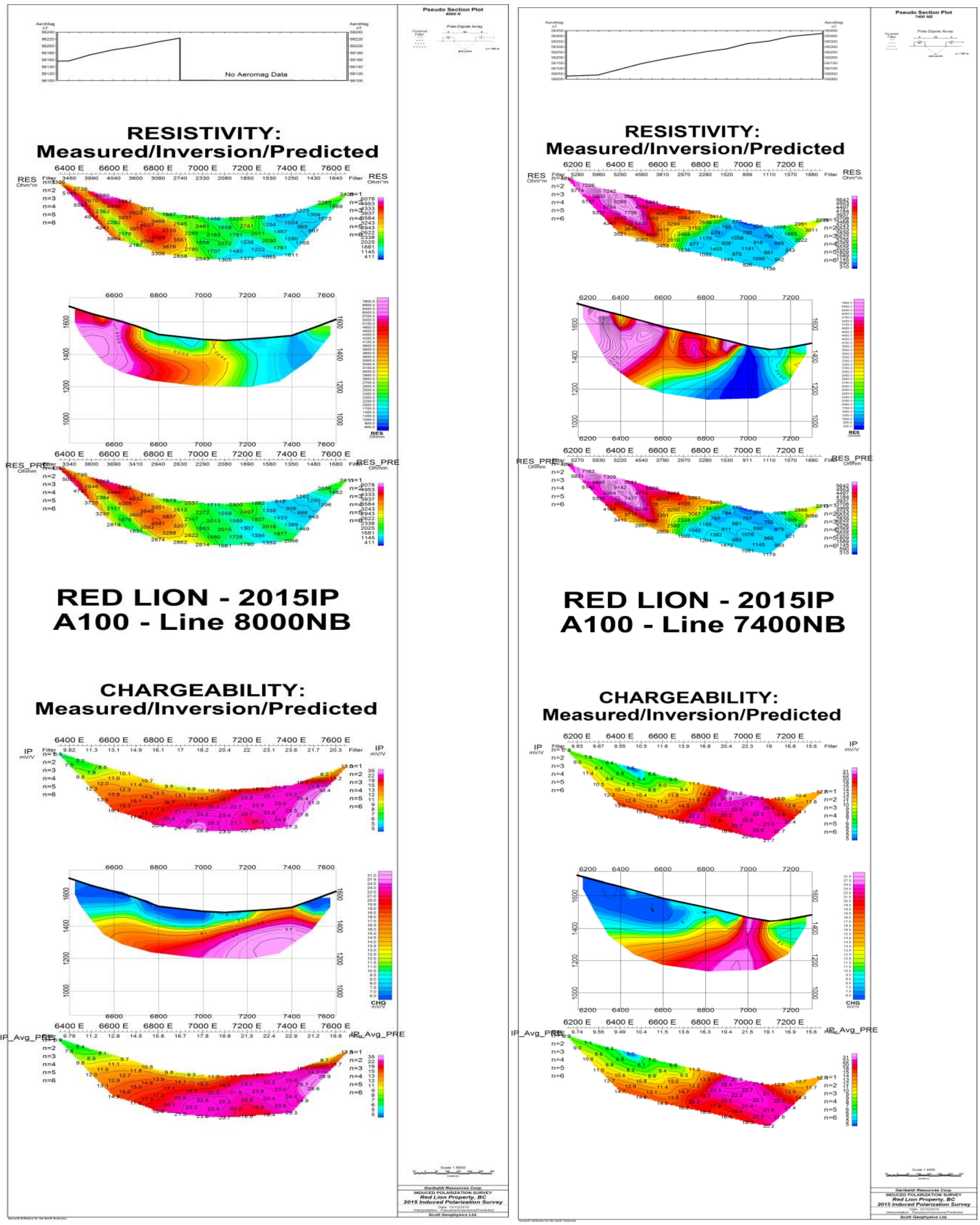


Figure 20. Lines 8000N & 7400N, aeromagnetic TMI profiles & compilations for resistivity and chargeability, comprised of measured pseudosection, inverted section, and predicted pseudosection.

Line 7400NB was also positioned to check the northern projection of the IP response indicated on line 6800N. On this line, the inversion suggests that both the chargeability high, and the coincident resistivity low, display a narrow “neck” shape, some 100M wide near surface at about 7000E, but expanding to a larger zone, over 500 m wide at depth, extending from about station 6800E to 7200E (fig. 20). The IP patterns and values resemble those on line 8000N, but the narrow feature would seem to more readily fit the scenario of a large-scale, steeply-dipping fault structure or alteration zone. Soil sample coverage is poor over the anomalous zone, but upslope to the southwest are some moderately to strongly anomalous copper values.

Line 6800N is more extensive than the others, trending 3.5 km north-easterly, from a tonalite body in the west, across the south contact zone of diorite and volcanic rocks, then across Quaternary overburden and ending in a monzonite intrusive stock (fig. 10). The west end of the line has very low chargeability values, however, the values increase slightly from 5600E to 6100E, which is within the contact zone of diorite and volcanic rocks, where strongly anomalous copper values have been returned in soil samples. Moderate to strong resistivity values also occur in this area (fig. 21).

Farther east on line 6800N, from 6600E to 7100E the chargeability high and resistivity low inversion models suggest a steeply dipping zone some 250M wide, within the area covered by Quaternary overburden on the west side of a monzonite intrusive body (fig. 19). These results could be caused by a sulphide-bearing alteration zone bordering the intrusion, or by a wide fault zone. Directly downslope from this chargeability high are three soil samples over a 200 m span that returned moderately to strongly anomalous values of 307 ppm to 388 ppm copper. On the east end of the line, in the area underlain by monzonite, the chargeability and resistivity values are low.

On Line 6200N, high chargeability values, many greater than 35 mV/V, occur on the west half of the line, extending from 6900E to the westernmost extent of the line. Station 6900E is at the mapped west edge of the monzonite intrusive body. Low resistivities, below 1500 ohm m, coincide with most of the high chargeability interval, with a very distinct low at 6700E that could mark a clay-rich zone at the center of a possible northwest-trending fault zone. Both chargeability and resistivity values are low from 7000E to 7400E, which is within an interval mapped as monzonite intrusive rocks. Copper-in-soil values in the area of this chargeability high are generally low to weakly anomalous, although values increase along trend to the southeast in the direction of a chargeability high on line 5600E.

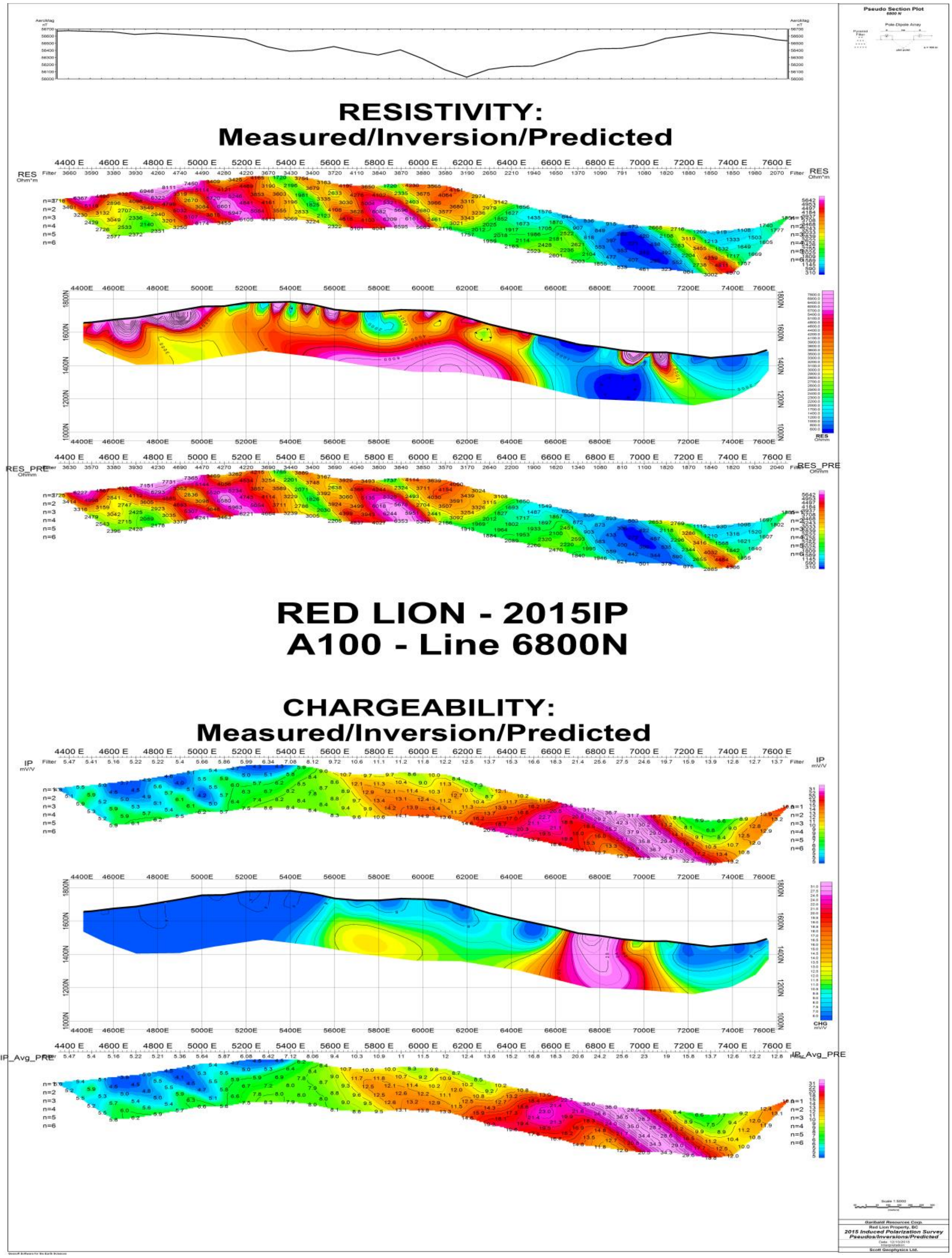


Figure 21. Line 6800N, aeromagnetic TMI profile & compilations for resistivity and chargeability, comprised of measured pseudosection, inverted section, and predicted pseudosection.

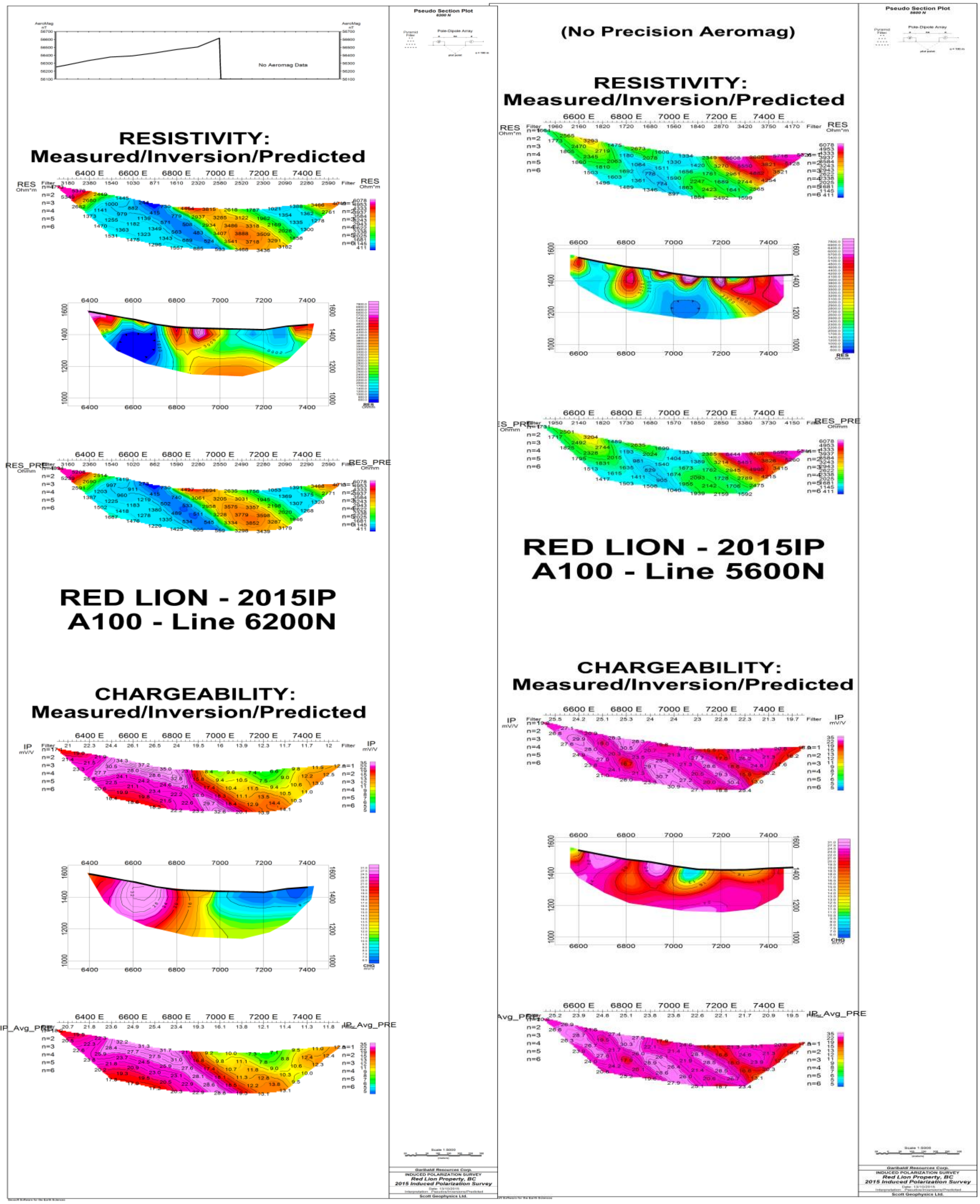


Figure 22. Lines 6200N & 5600N, aeromagnetic TMI profiles & compilations for resistivity and chargeability, comprised of measured pseudosection, inverted section, and predicted pseudosection.

Line 5600N shows high chargeability values over essentially the entire line, many exceeding 25 mV/V. The high values extend over a greater width and much farther to the northeast than the responses on the other survey lines located to the north. This line is located south of the area mapped as monzonite and appears to be underlain predominantly by volcanic sedimentary rocks. Most of the line displays lower range resistivities below 2000 ohm m from the west end of the line to about 7200E. From 7200E to the east end of the line the resistivity values are mostly greater than 5000 ohm m, suggesting a change in rock type or alteration type. There is limited soil sample coverage in the area of this line, however, 200 to 400 m northwest of the line there is a cluster of moderately to strongly anomalous copper values that may be on trend with the southwest part of the chargeability high.

The IP survey results suggest an interesting situation in this eastern part of the east grid, in the area near the Omenica Mining Road. The mapped Middle Jurassic monzonite body, some 1200 metres NW-SE, by 650 metres wide, correlates with a moderately strong magnetic anomaly partly defined at the edge of the 2015 airborne survey. Three of the IP survey lines have closed-off, high chargeability and low resistivity responses along the SW side of the intrusive body (fig. 23). Lines 8000NB and 5600N, off the NW and SE ends of the intrusive body respectively, host anomalous IP responses open ended to the northeast. This suggests that a zone of high chargeability and low resistivity surrounds the monzonite body. Anomalous copper-in-soil values occur sporadically along the western border of the stock indicating that mineralization may occur in the contact zone of the intrusive (fig. 19). The linear trend of high chargeability that extends over some 2400 m, across all the eastern lines of the east grid, remains open to extension to the south of line 5600N, as well as to the north of line 8000NB.

No IP data were acquired northeast of the intrusive body so it is not known if it is simply a case of the volcanic sedimentary unit being the source of high chargeability, with the intruding monzonite contrasting with weaker polarizability. Regionally, ash tuffs within the volcanic sedimentary unit have been noted to contain fine grained pyrite and they are often gossanous and recessive weathering. Even with the possible presence of such a unit, the tenor of chargeability values returned from the survey appears to indicate very high levels of sulphide minerals. The geophysical setting suggests a chargeability halo surrounding a magnetite bearing intrusive; a favourable indicator in porphyry copper exploration. The chargeability high “wrapping” the oval shaped intrusive body is demonstrated in Figure 23, which shows a depth slice of colour contoured chargeability representing a depth of 105 m below surface.

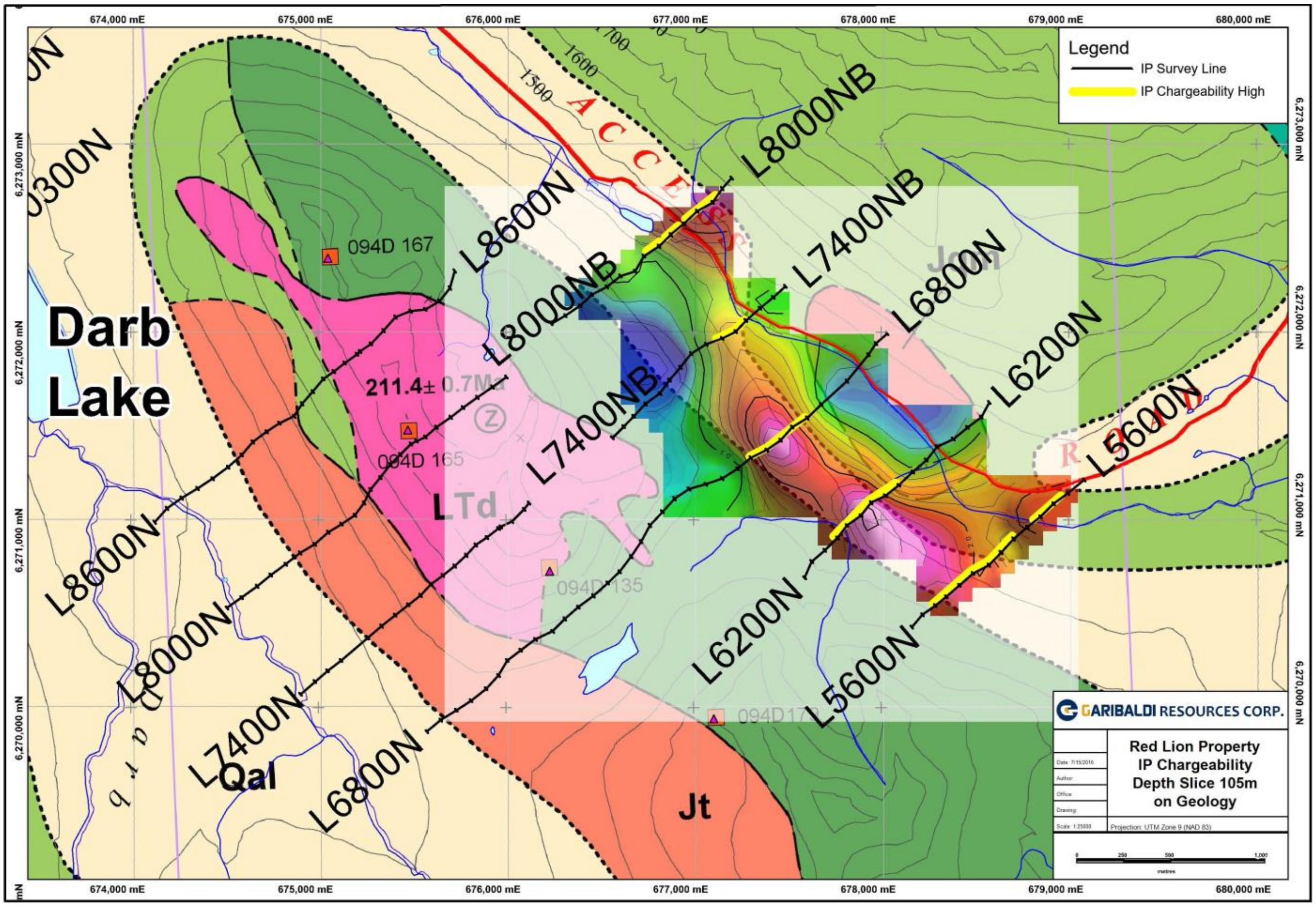


Figure 23. IP chargeability depth slice at 105 m below surface, on the eastern part of the east grid, overlain on geology. IP chargeability anomalies are highlighted by yellow bars and appear to wrap around a small intrusive body.

7.0 Geological and Geochemical Program 2016

The second part of the property exploration documented in this report consisted of four days of geological reconnaissance, with soil and rock sampling, as well as bench-scale testing of physical properties for a number of rock specimens to correlate their responses with those returned by the 2015 IP surveying. The geological observations and sample geochemistry are evaluated below and a program of follow-up work is recommended to test the targets.

7.1 Geological Reconnaissance and Geochemical Sampling Procedures and Targets

From July 10 to 13, 2016 a three-man crew undertook geological reconnaissance and soil and rock sampling. Work was focussed primarily in the areas of IP chargeability anomalies that had been identified on the east and west grids by geophysical surveying in 2015. On the east grid most of the samples were located along, or near, a 2500 m stretch of the Omineca road, which, for the most part, skirts along the northeast edge of the strongest chargeability highs (fig. 23). A total of 58 soil samples were collected at 50 metre spacings from undisturbed soil near the edge of the road. As well, a hand-held XRF unit was used to take in-situ readings from outcrop and float rock at 107 stations along, or near, the road and 25 rock specimens were collected from this area on which to conduct physical properties testing.

In the area of the west grid, short soil lines were established, predominantly in areas underlain by intrusive rocks and covering the southern end of a chargeability high. Thirty-one soil samples were collected, some at 50 metre, and some at 100 metre station intervals. In the same areas as the soil lines, in-situ XRF readings were also taken on 52 rocks, and 12 rock specimens were collected for physical properties testing. Additionally, a few reconnaissance soil and rock samples were collected or XRF-analyzed at scattered locations along the northwest-trending ridge east of Darb Lake and at a prospective-looking area near the southwest corner of the property. From all areas, totals of 97 soil samples were collected, 176 XRF readings were taken from outcrop or float samples and 14 rock samples were sent to a lab for geochemical analyses.

The soil samples were collected from depths of 10 to 20 cm, from either “B” or “C” horizons, and placed in numbered kraft sample bags. The bags were air dried and then analyzed with a Thermo Scientific Niton handheld X-Ray Fluorescence (XRF) Analyzer unit in “soils” mode, which reads 33 elements in parts per million. The sample, in its original sample bag, was centered on the probe window then the analyzer was run for 60 seconds. When finished, the bag was turned over and a second analysis was run for each sample. Data for each reading was automatically recorded, saved directly to the analyzer and then downloaded to a laptop computer and entered into an Excel spreadsheet. For purposes of plotting the analytical results for selected elements an average value was calculated from the two readings taken from each sample.

Each of the elements analyzed by the XRF unit has a listed range of error value, and if the error value is larger than the reading then the reading is suspect. Some readings are labelled <LOD, indicating that the value read is less than the detection limit. Some elements, such as gold and silver, have quite high detection limits with the XRF unit; therefore, for typically low geochemical values in soil samples, these elements are not well represented. The “base metal” elements, however, are generally well represented by XRF readings and values are typically comparable to those determined by laboratory analyses.

The XRF data compiled in an Excel spreadsheet was merged with UTM sample locations for all samples to allow entry of the sample data into MapInfo GIS computer software. All XRF analytical data and UTM co-ordinates for the soil samples are attached in Appendix III.

In-situ rock analyses were performed in a similar manner to the soil analyses with the portable hand-held XRF unit. The probe window was centered on the area of rock that the tester wished to analyze and held there for 60 seconds while the unit processed the analyses. For the most part, only one 60 second reading was taken from each rock sample site, however, if abnormally high values were noted there were additional readings taken and, in some cases, a rock sample was collected and sent to Bureau Veritas Mineral Laboratories for analysis. All XRF analytical data and UTM co-ordinates for the rock samples are attached in Appendix IV.

Rock samples that were sent to the laboratory were each crushed and 250 grams were split out and pulverized to -200 mesh. A 50 gram portion was analyzed for gold by fire assay fusion and ICP-ES. A 0.25 gram portion of each sample was dissolved by 4 acid digestion and analysed for a suite of 45 elements by ICP-MS. The results for these analyses are attached in Appendix V.

7.1.1 Geological Reconnaissance and Geochemical Sampling Results and Interpretations in the West Part of the Property

Geological reconnaissance and rock and soil sampling have confirmed that hydrothermally altered host rocks with anomalous levels of copper and gold occur in both the west and east grid IP chargeability target areas, indicating that further work is definitely warranted.

Figure 24 shows the soil sample locations in the west part of the property. Three short lines are located west and northwest of Darb Lake. Four reconnaissance samples were collected near the southwest corner of the property.

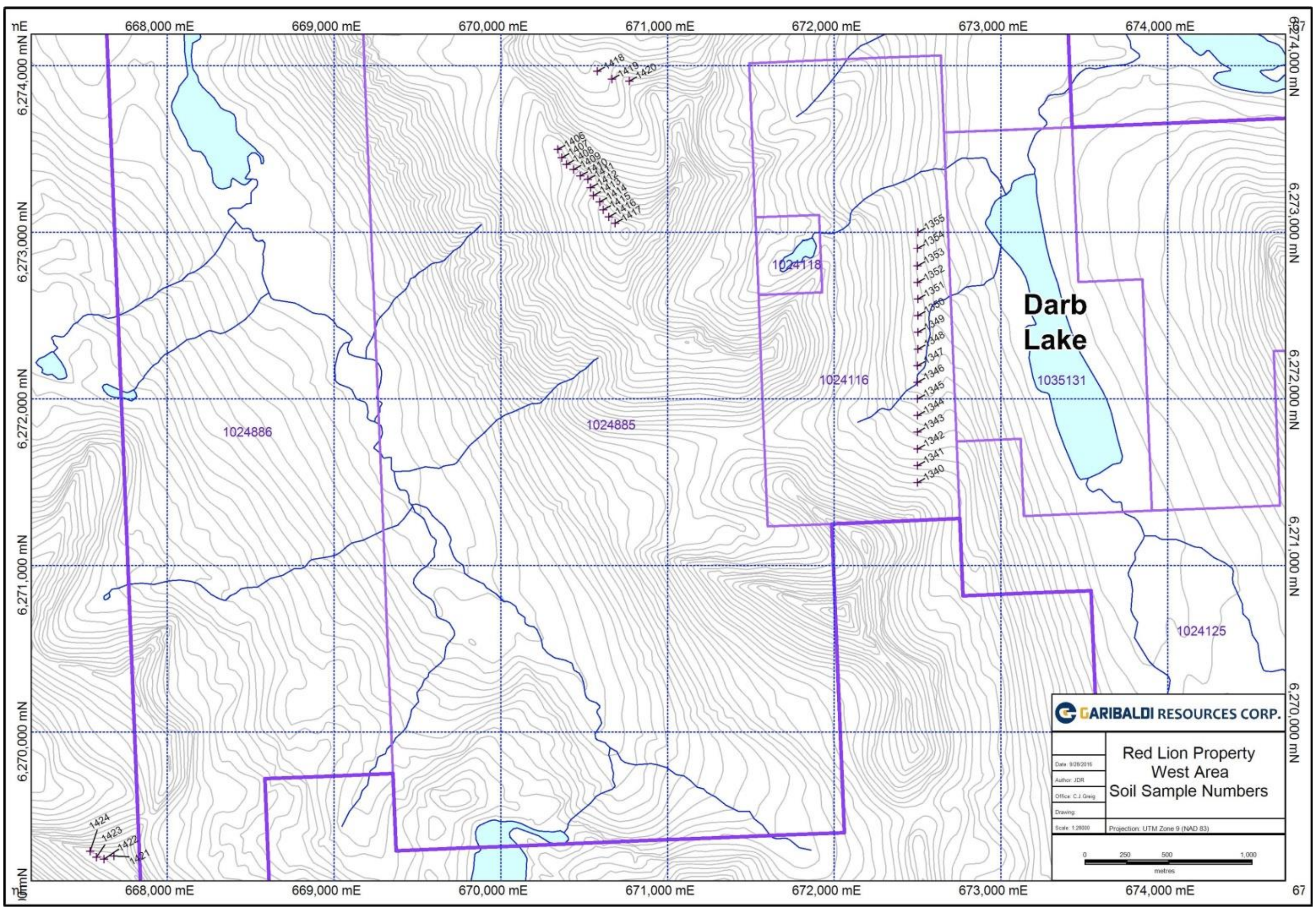


Figure 24. West part of property soil sample locations

Figure 25 shows Cu-in-soil values superimposed on geology, with the IP chargeability anomalies highlighted in yellow. Several anomalous copper values are located within the southern part of the IP anomaly in an area underlain by favourable dioritic host rocks. Additional copper anomalies up to 146 ppm along a short line to the northwest are also underlain by diorite although these are outside the area covered by the IP survey.

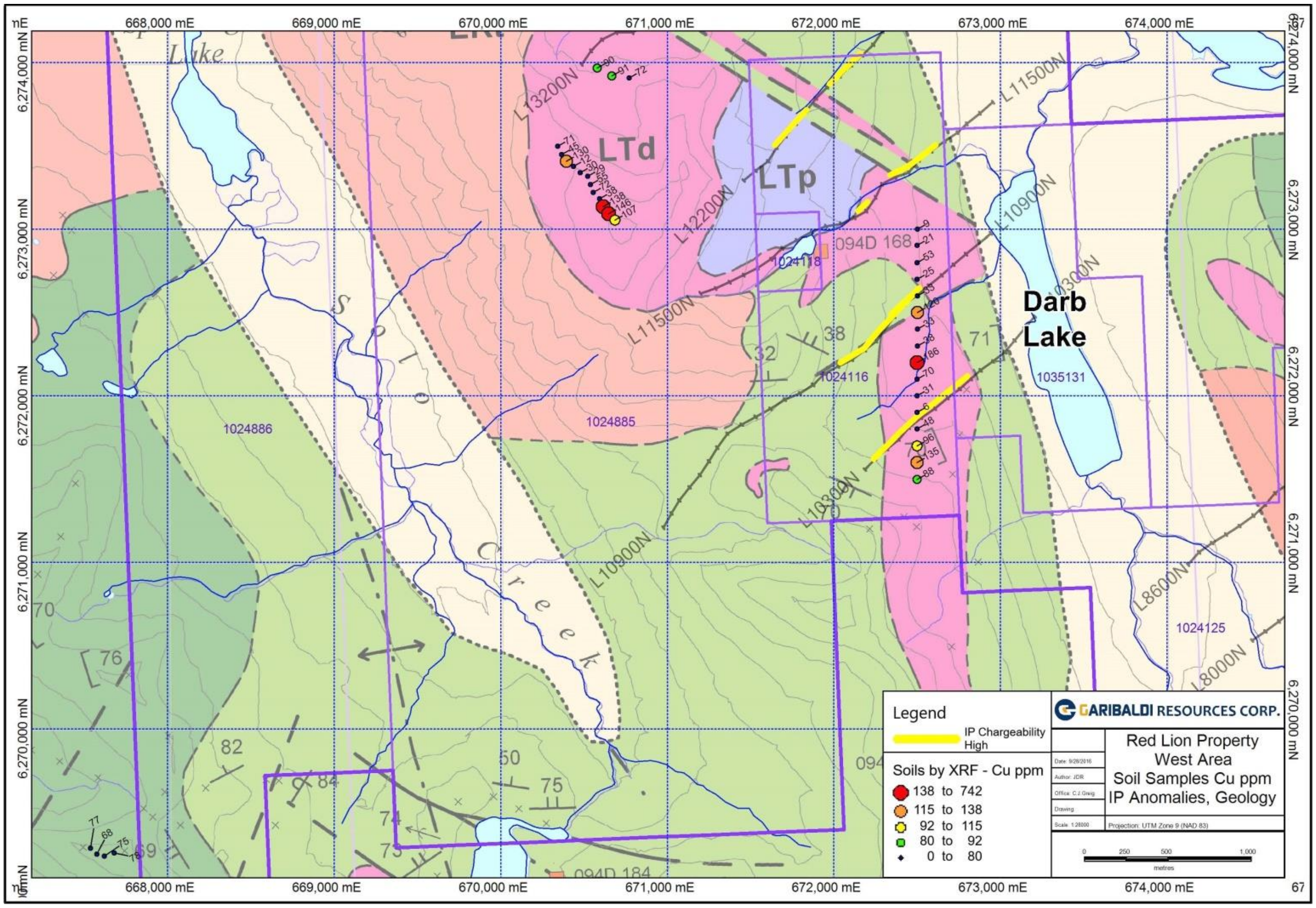


Figure 25. West Area Cu-in-soil on geology with IP chargeability anomalies (geology legend on fig. 6)

Figure 26 shows Cu-in-soil values superimposed on residual magnetics, with the IP chargeability anomalies highlighted in yellow. The copper anomalies near the west side of Darb Lake fall along an area of lower magnetic values on the shoulder of a north-trending magnetic high, which is a common magnetic feature in porphyry deposits, possibly due to magnetite destructive alteration associated with copper mineralization. The copper anomalies on the soil line farther to the northwest are within a large magnetic high that probably reflects magnetite-bearing mafic and ultramafic intrusive rocks underlying the area.

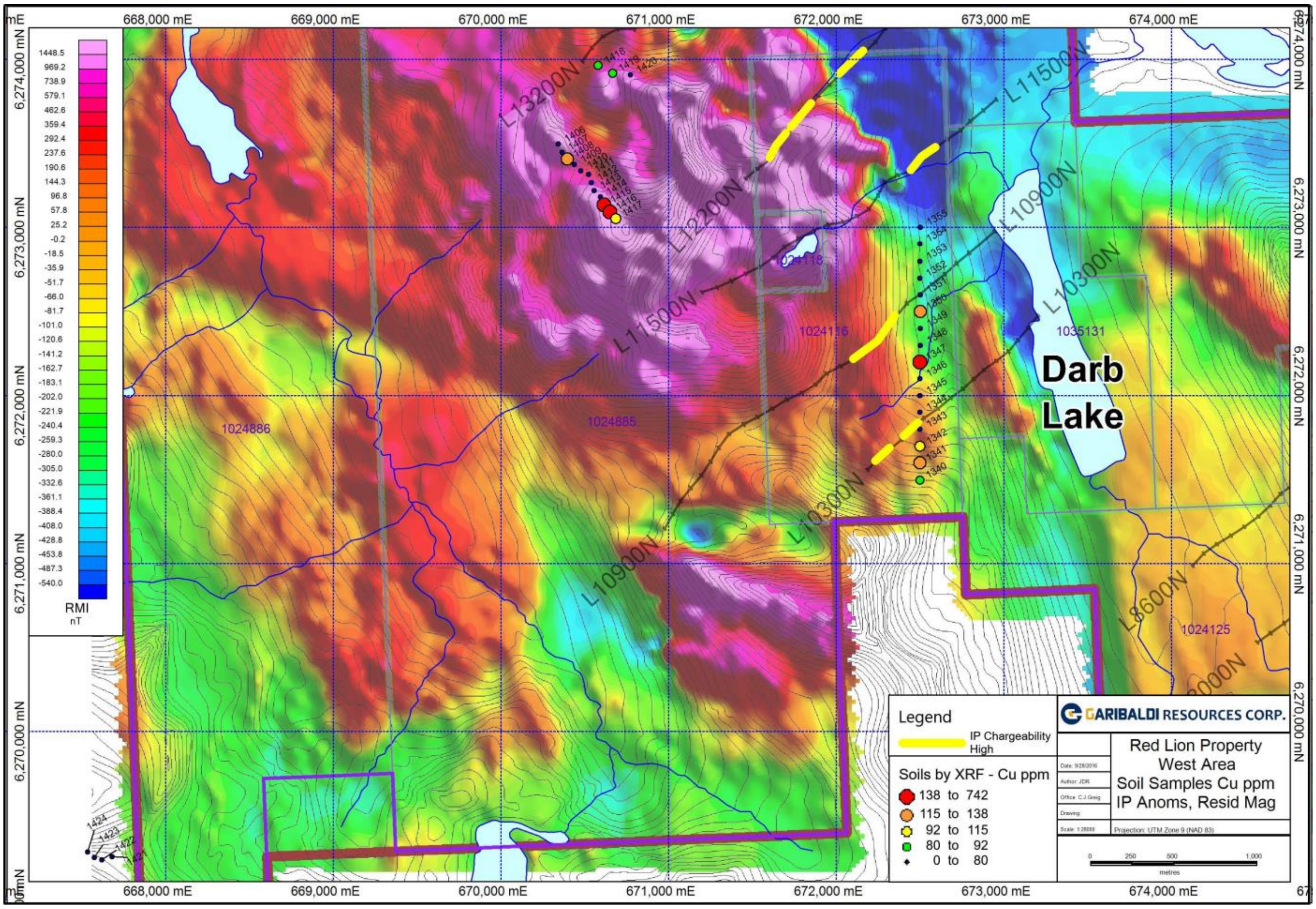


Figure 26. West Area Cu-in-soil on residual magnetics with IP chargeability anomalies

Rock samples, analyzed in-situ with XRF, as well as lab analyzed, were collected from the same areas as the soil samples on the western part of the property. Rock sample locations are shown on Figure 27. Figures 28-30 show Cu, Fe and Co values and Figure 31 shows Au values for those few samples that were submitted to the lab for gold analysis. Rocks containing anomalous levels of copper occur near the same areas where copper-in-soil anomalies were defined. The most significant area is west of Darb Lake within the IP chargeability anomaly where there were numerous samples at two locations that returned >4000 ppm (0.4%) Cu (figs. 28 & 32) (Appendix IV). Many of these high Cu samples also have very high levels of Fe and a few have anomalous levels of Co (up to 3227 ppm). Gold values from these two areas were also anomalous, with four samples ranging from 1065 ppb to 37,200 ppb (37.2 g/t). Sample 3657, a typical mineralized grab sample, returned 0.35% Cu, 3.7 g/t Au, 3.7 g/t Ag, >1.0% As, 0.55% Co, 28.4% Fe and 0.016% W. Descriptions of fourteen rocks that were collected for lab analysis are attached in Appendix V. The samples from this area with high Cu-Au values are described as fine grained monzonite and diorite with rusty, limonitic zones 1 metre wide containing veins, up to 5 cm wide, of pyrite with lesser chalcopyrite and minor arsenopyrite (Appendix V).

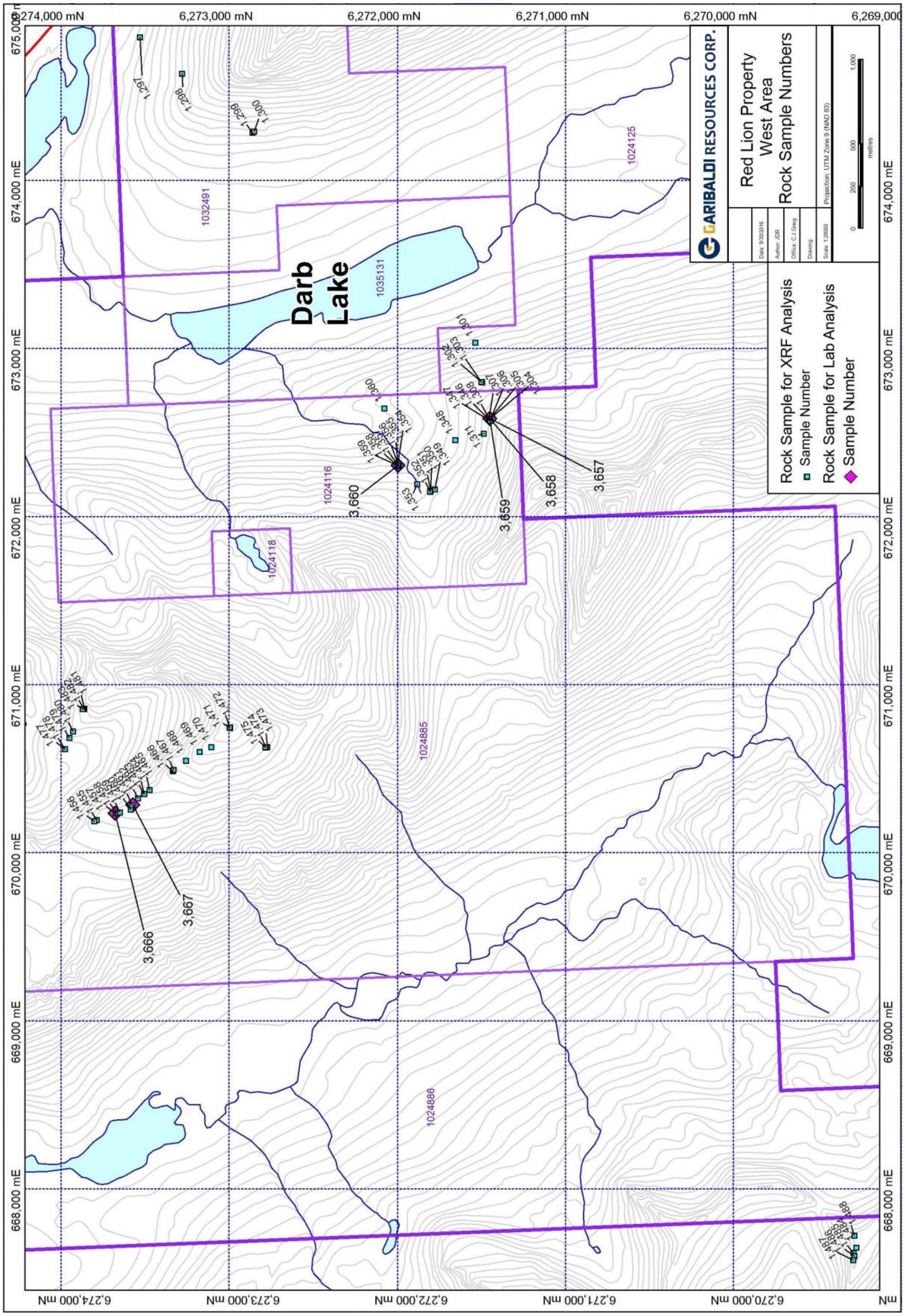


Figure 27. West part of property rock sample locations

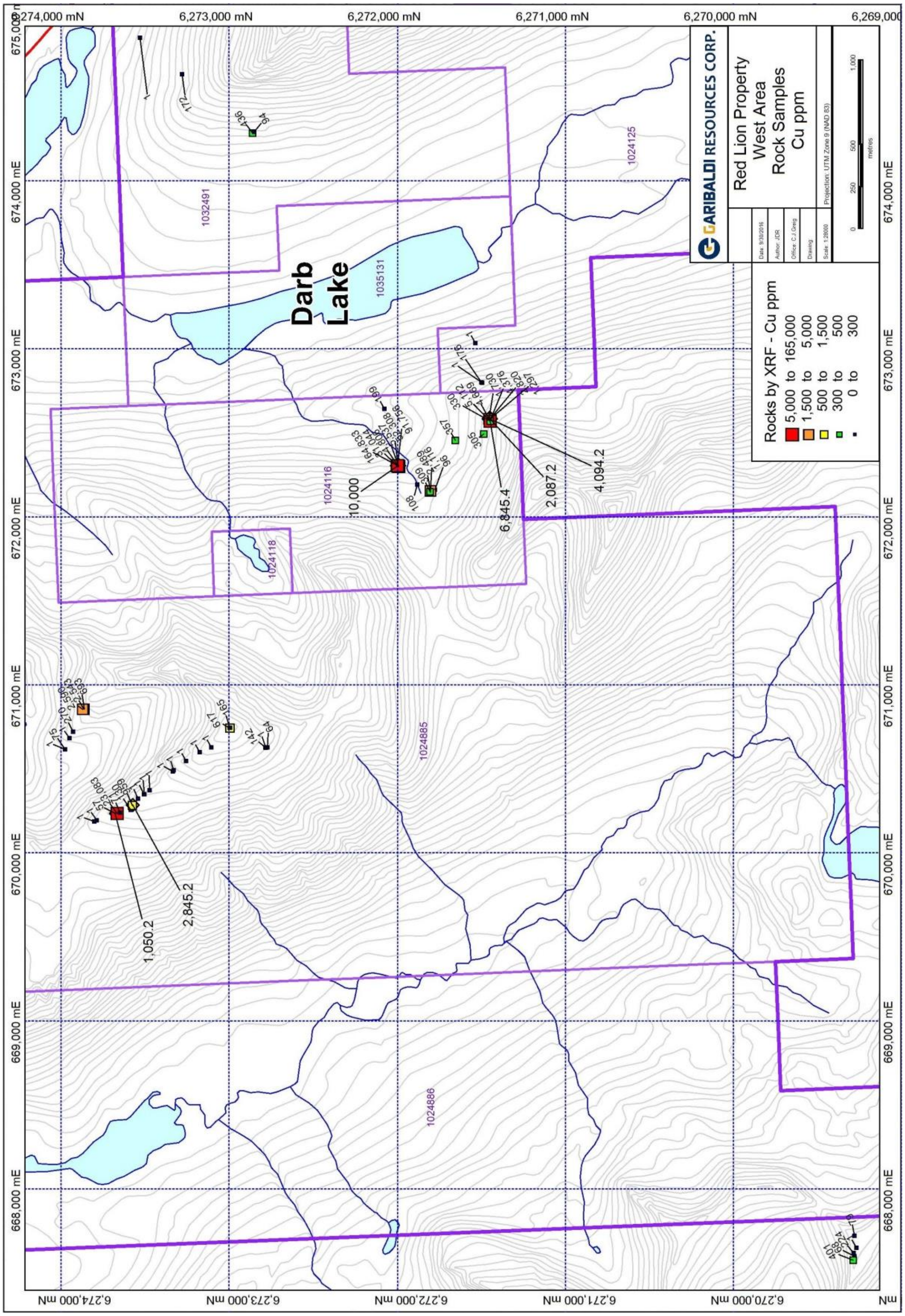


Figure 28. West part of property rock sample XRF Cu values & selected lab Cu analyses

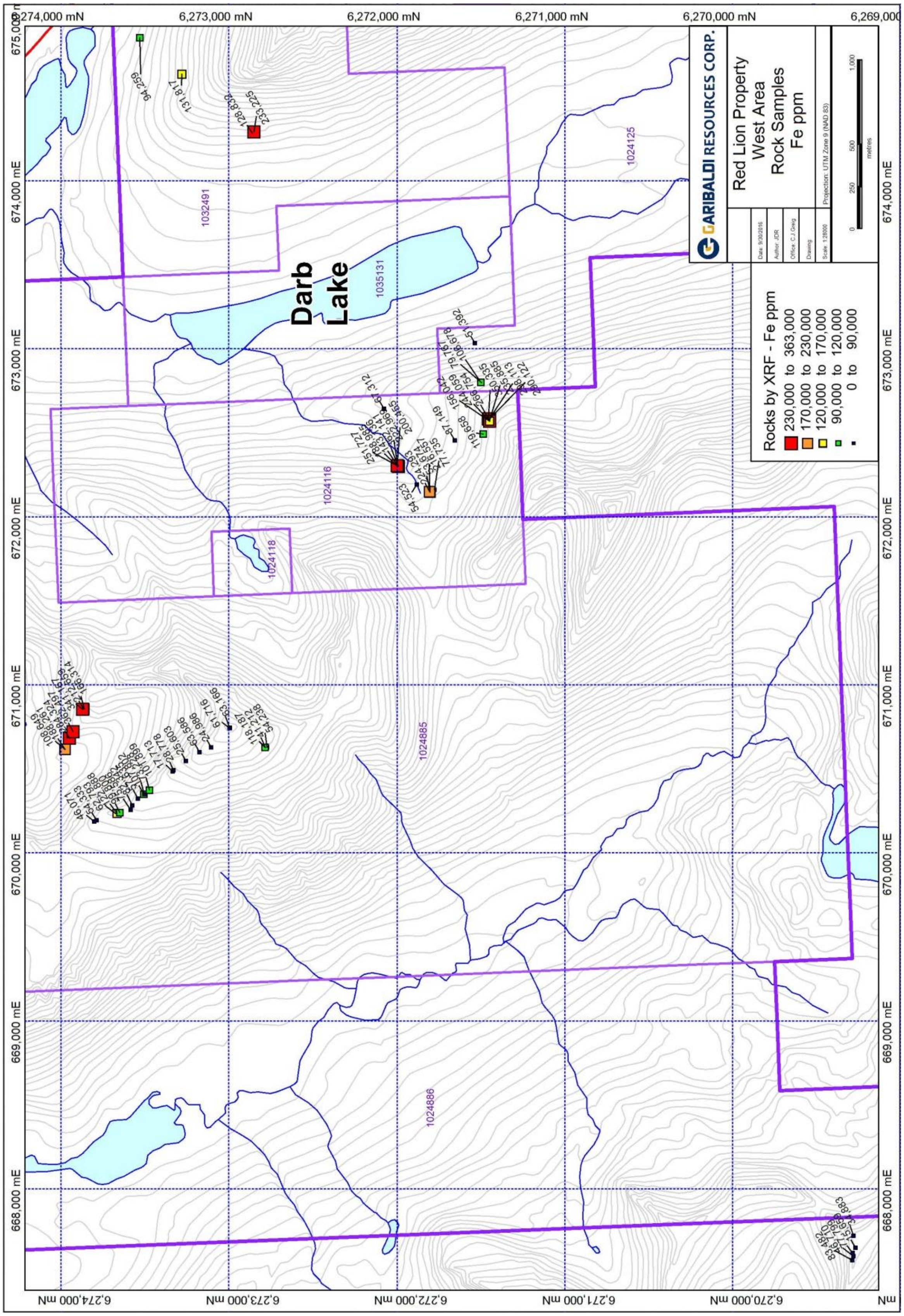


Figure 29. West part of property rock sample XRF Fe values

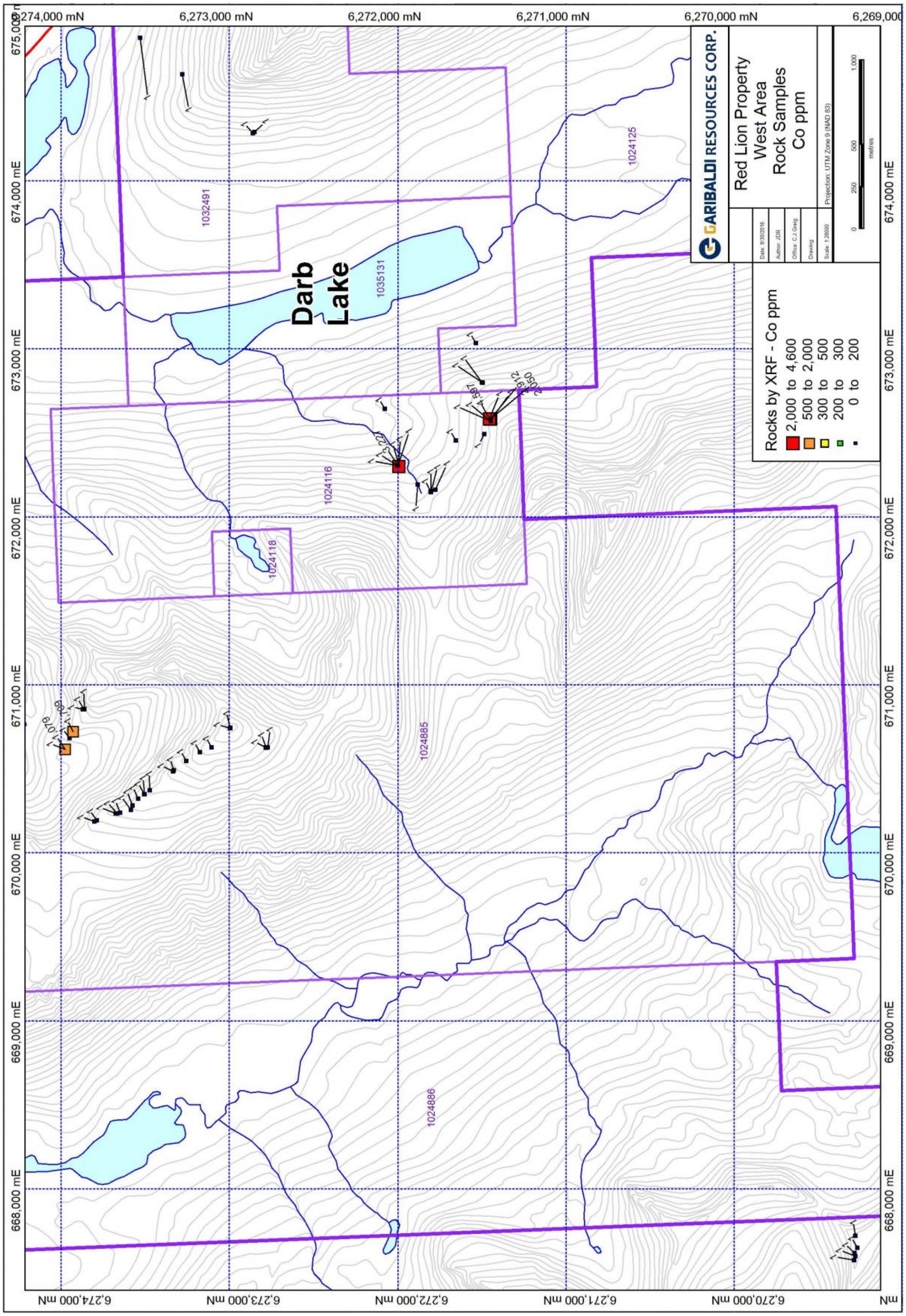


Figure 30. West part of property rock sample XRF Co values

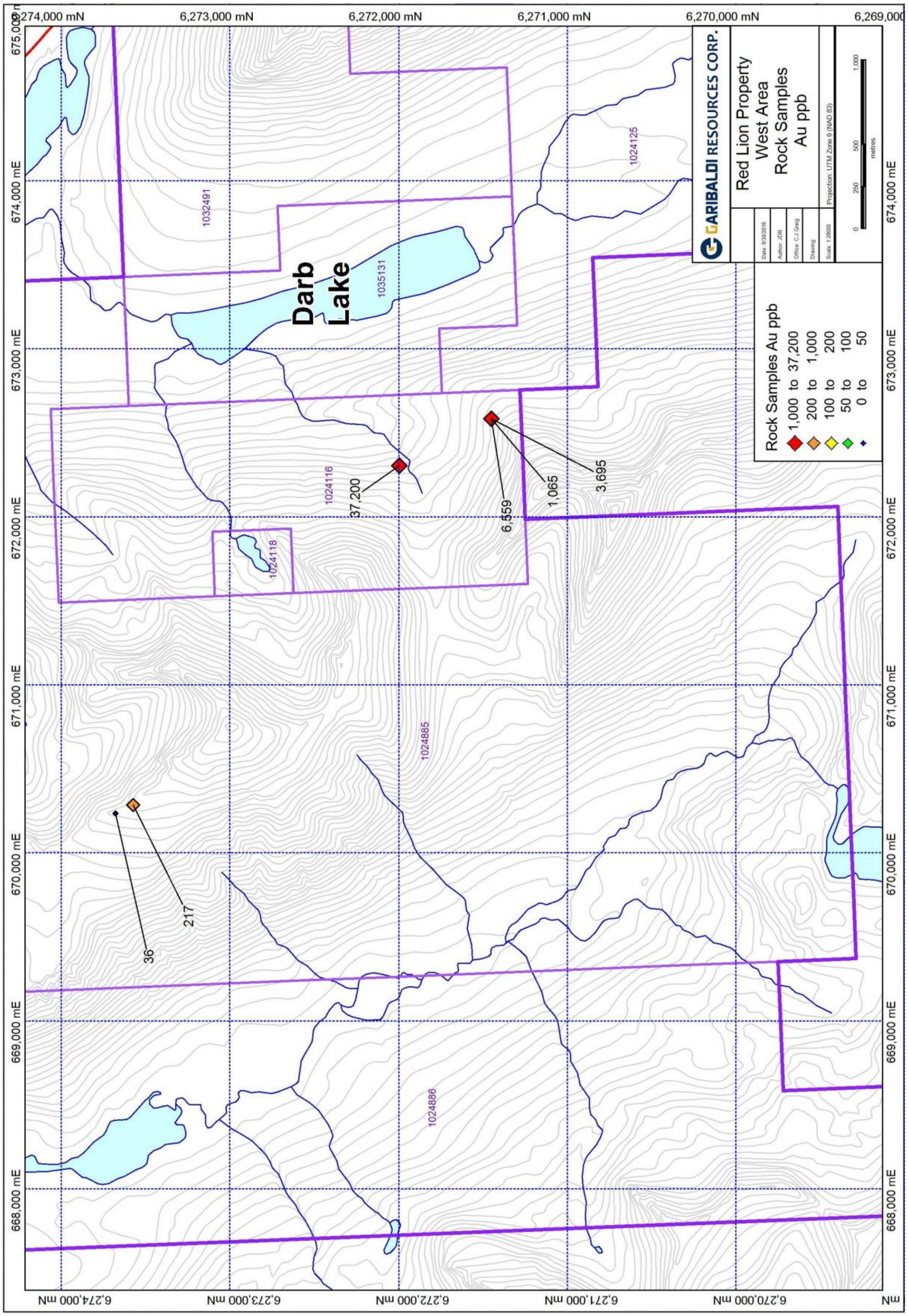


Figure 31. West part of property rock sample Au values (selected samples lab analyzed)

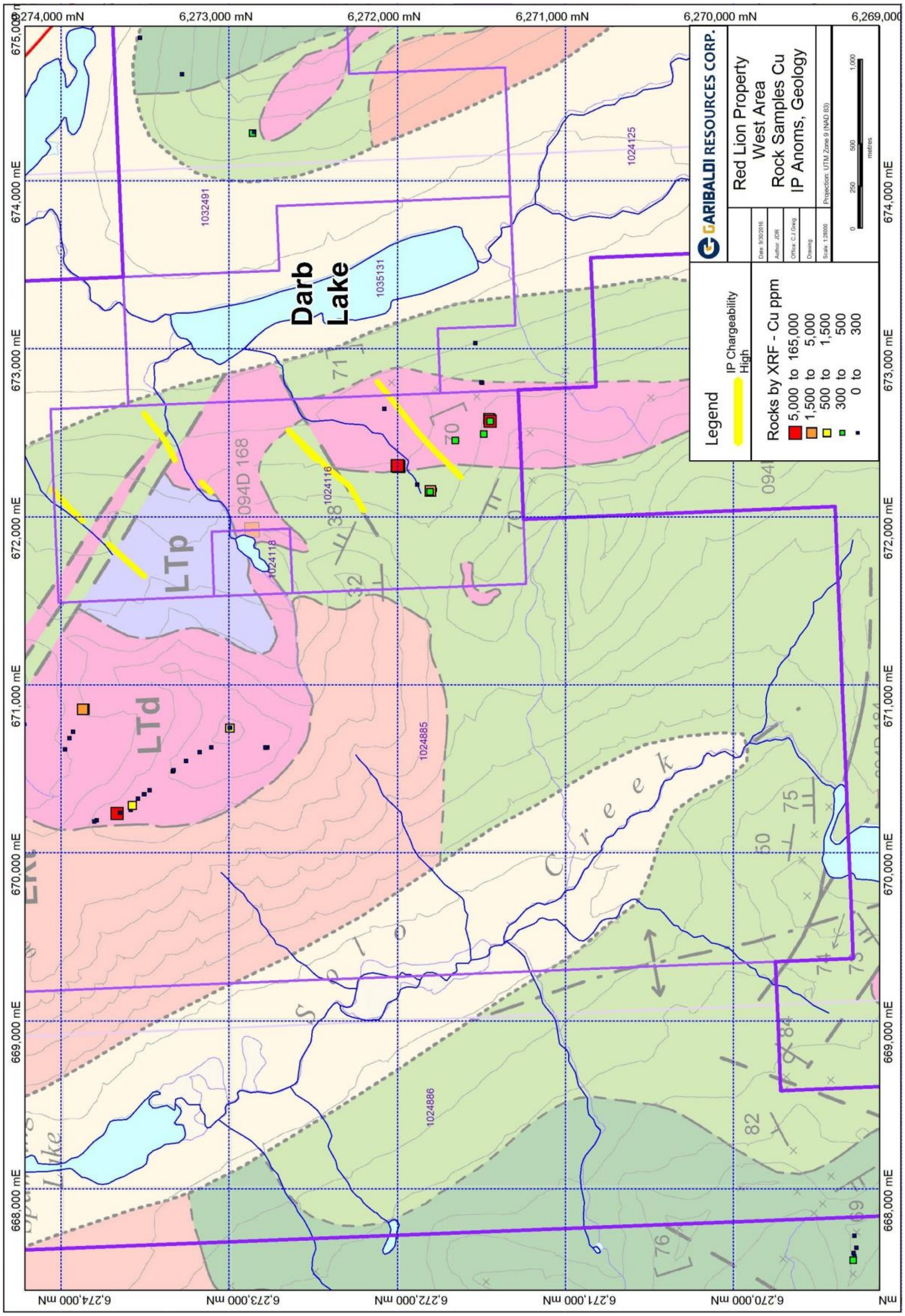


Figure 32. West part of property rock sample Cu anomalies on geology with IP chargeability highs

7.1.2 Geological Reconnaissance and Geochemical Sampling Results and Interpretations in the East Part of the Property

Figure 33 shows the soil sample locations in the east part of the property. Fifty-eight soil samples were collected at 50 metre intervals along the side of the Omineca service road over a distance of about 2.5 km. Four reconnaissance samples were also collected from two prospective areas on mountain ridges to the west of the road.

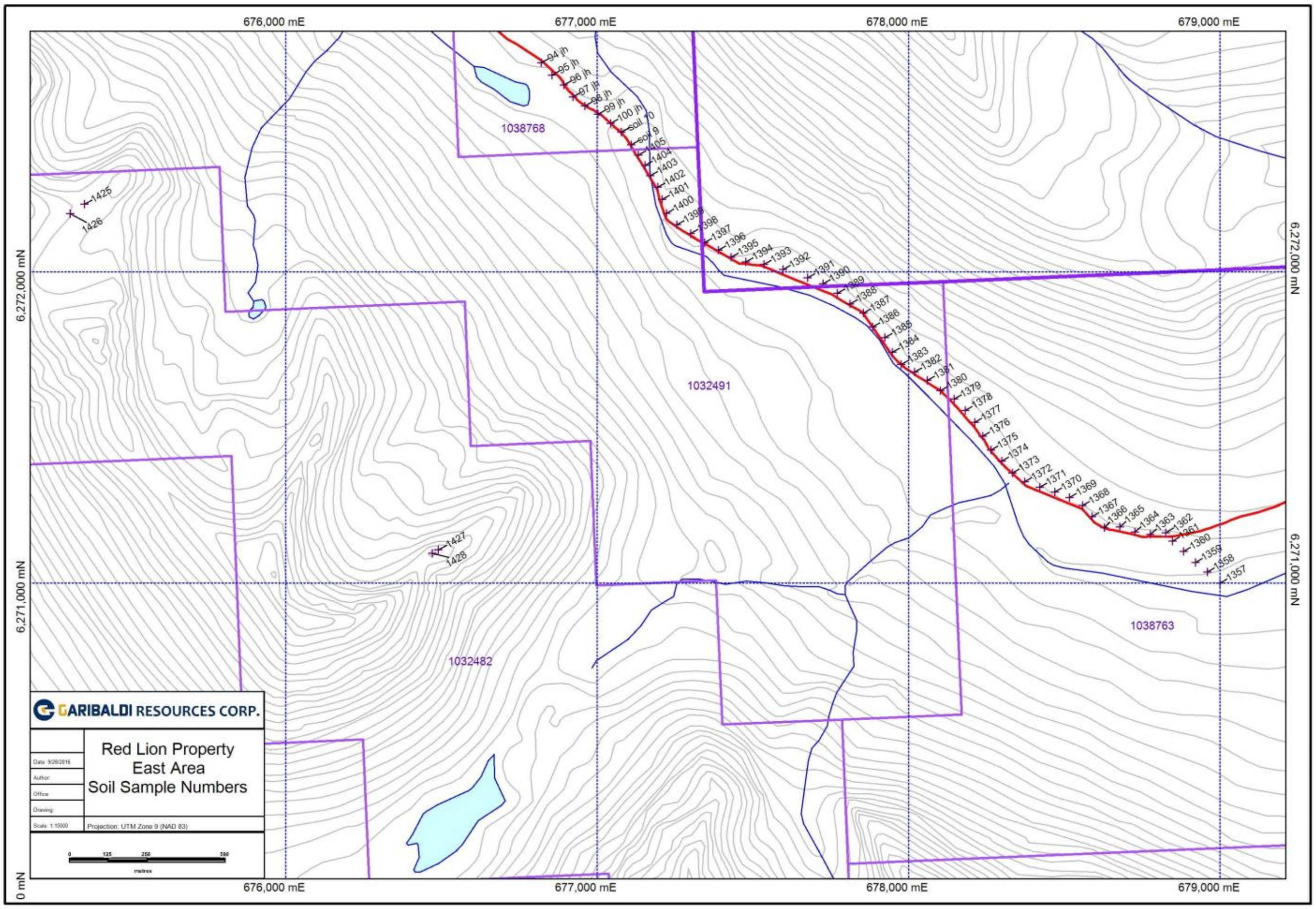


Figure 33. East part of property soil sample locations

Figure 34 shows Cu-in-soil values superimposed on geology, with the IP chargeability anomalies highlighted in yellow. A few weakly to moderately anomalous copper values are located within the northwest and southeast parts of the IP anomaly; however, the central part of the sample line is outside the chargeability anomaly and underlain by monzonite. The copper anomalies are apparently underlain by volcaniclastic rocks although there is little bedrock exposure along the valley bottom where overburden may be moderately thick in places. Additional strong copper anomalies up to 741 ppm were returned by reconnaissance soil samples 1.5 km west of the road, in areas underlain by diorite, and although there is weakly developed chalcopyrite veining present in these areas, the IP surveying returned generally low values, suggesting that sulphide mineralization is fairly limited along the ridge.

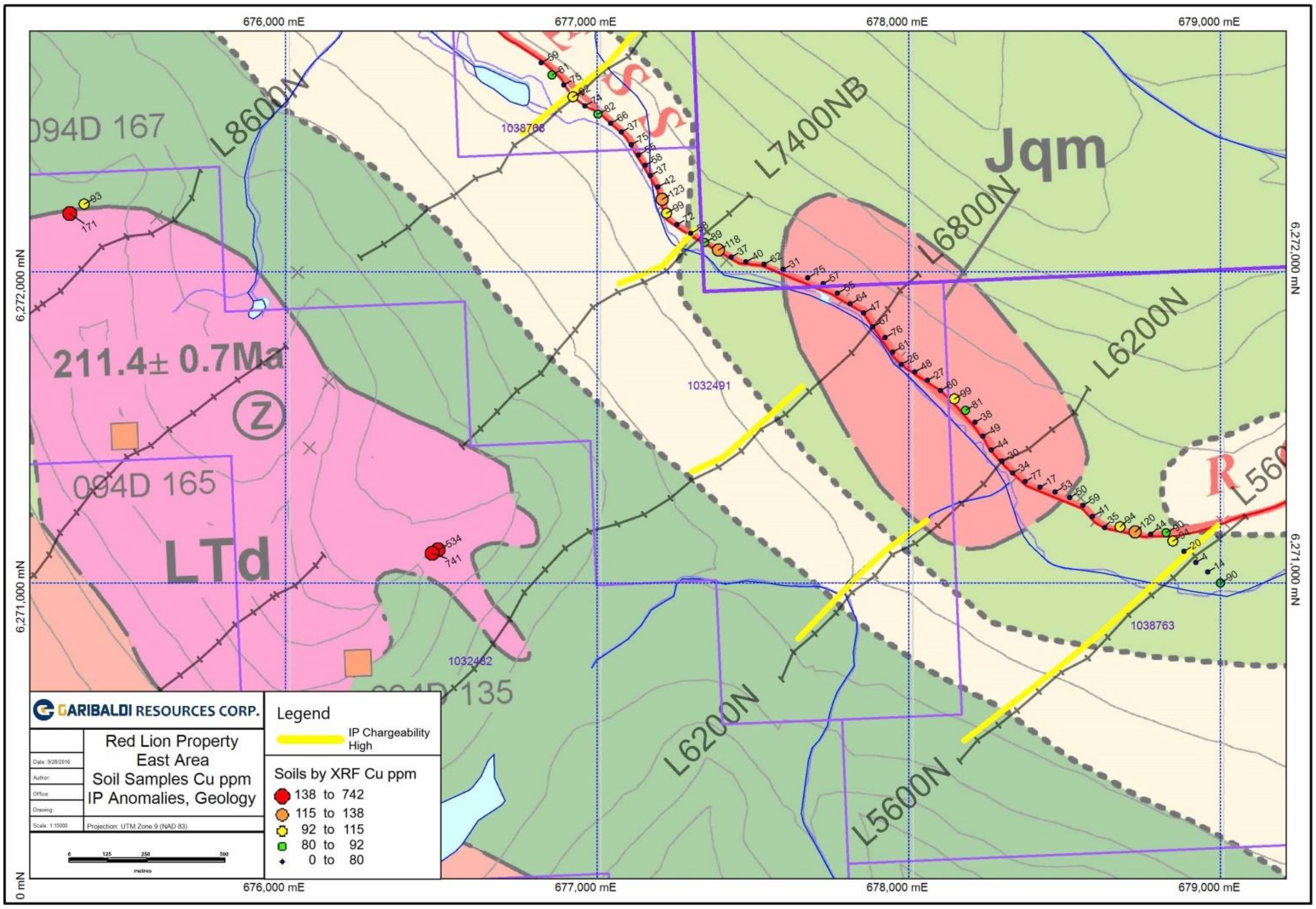


Figure 34. East Area Cu-in-soil on geology with IP chargeability anomalies (geology legend on fig. 6)

Figure 35 show Cu-in-soil values superimposed on residual magnetics, with the IP chargeability anomalies highlighted in yellow. Some of the moderate copper anomalies from the road sample line are located at the edges of a northwest-trending magnetic high, suggesting that mineralization may be located along the contacts of a small stock that has been interpreted to underlie the magnetic anomaly. The reconnaissance sample copper anomalies on the ridges to the west are also located at the edges of a magnetic high that probably reflects magnetite-bearing dioritic intrusive rocks, which are in contact with weakly magnetic volcanic rocks to the east.

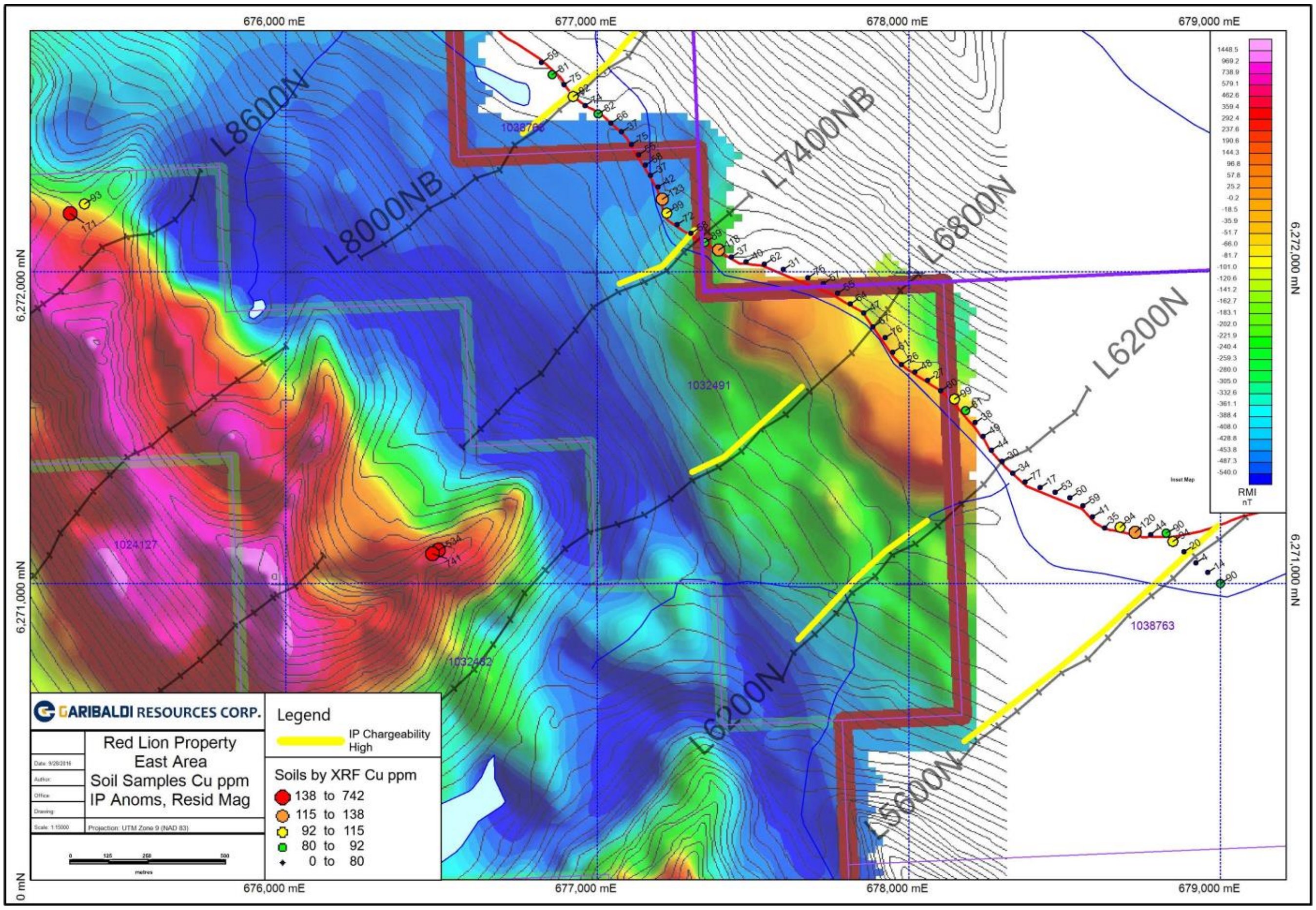


Figure 35. East Area Cu-in-soil on residual magnetics with IP chargeability anomalies

Rock samples, analyzed in-situ with XRF, as well as lab analyzed, were collected from within the same areas as the soil samples on the eastern part of the property. Rock sample locations are shown on Figure 36. Figures 37-39 show Cu, Fe and Co values and Figure 40 shows Au values for those few samples that were submitted to the lab for gold analysis. Rocks containing anomalous levels of copper occur near most of the same areas where copper-in-soil anomalies were defined. The highest copper values are from a location on a ridge about 1.5 km southwest of the road, from which three samples returned >34,000 ppm (>3.4%) Cu using XRF analysis (figs. 37 & 41). These high Cu samples also have high levels of Fe (7-11%) although, unlike those anomalous samples from the west grid area, they do not have anomalous levels of Co. Only one sample from the ridge top locations with high XRF Cu values was sent for lab analysis, and it returned 3942 ppm Cu and 208 ppb Au. It was described as an epidote- and chlorite-altered volcaniclastic rock with minor chalcopyrite blebs and malachite on fractures (sample 3668, Appendix V).

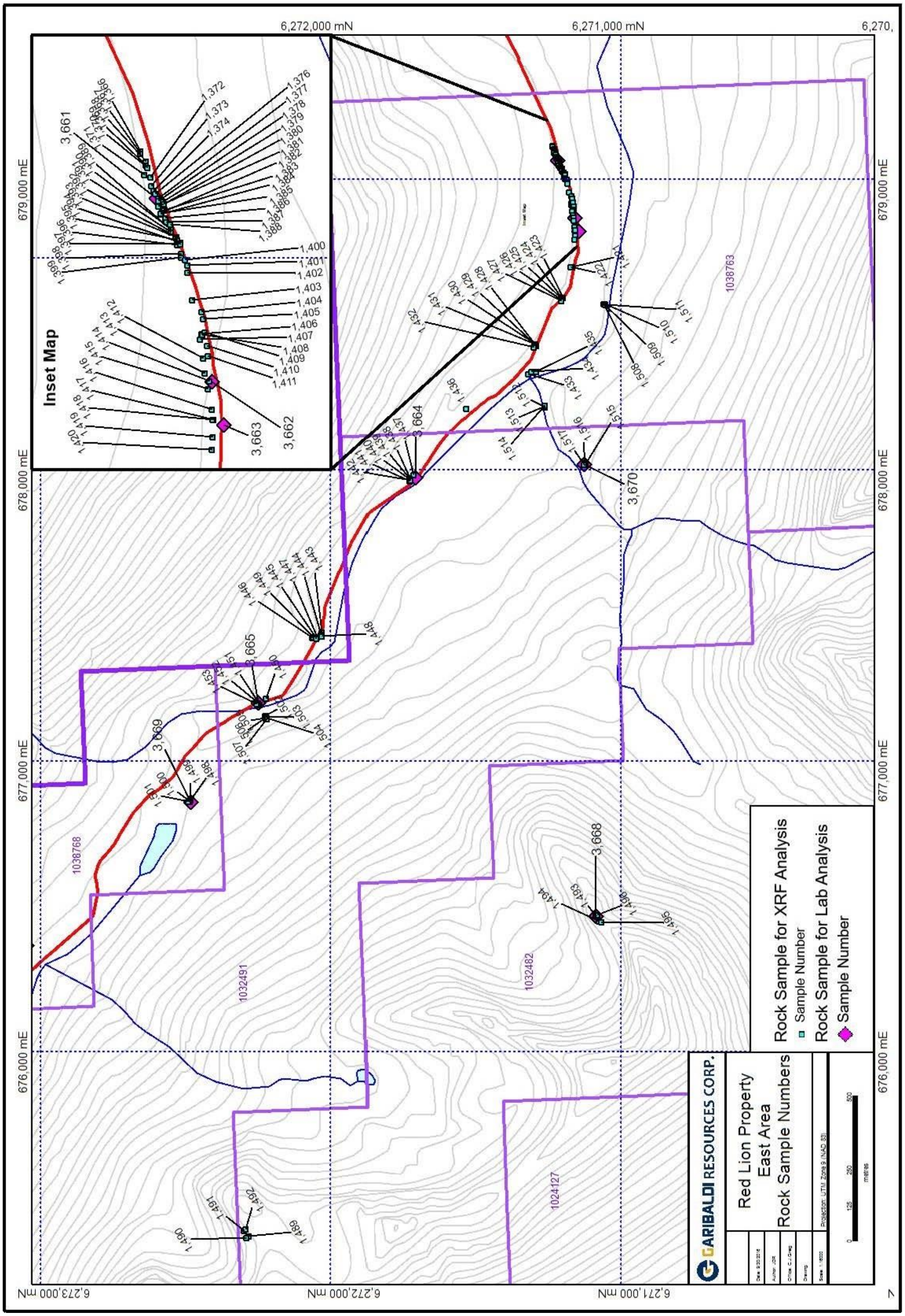


Figure 36. East part of property rock sample locations

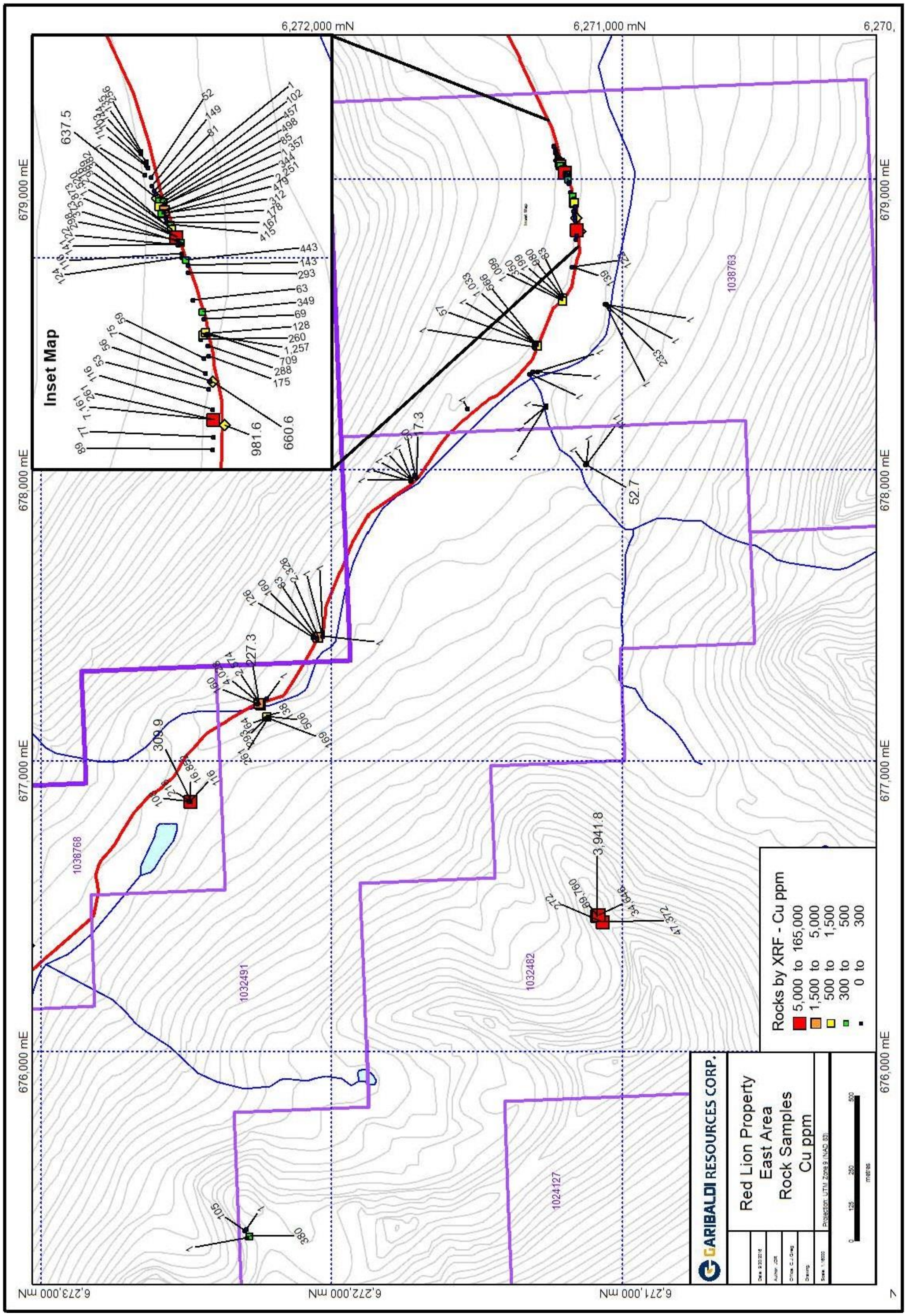


Figure 37. East part of property rock sample XRF Cu values & selected lab Cu analyses

Other rock samples that returned anomalous copper values were found near the northwest and southeast extents of sampling along the Omineca road. Significantly, these areas are nearest to the IP anomalies that are part of a possible northwest-trending zone of high chargeability (fig. 41). In the northwest anomalous area four samples returned >2000 ppm Cu, with a high of 16,852 ppm (1.68%) Cu from XRF analyses. Values for Fe for these samples were correspondingly high, ranging from 93,000 to 166,000 ppm (fig. 38); however, Co values were low. Only two samples from this area were analyzed at the lab, returning 227 ppm Cu, 12 ppb Au, (sample 3665) and 310 ppm Cu, 14 ppb Au (sample 3669).

At the southeast end of the rock sampling area along Omineca road fifteen rock samples returned anomalous copper values >500 ppm, with a high of 7161 ppm from XRF analyses. Again, all of these samples had correspondingly high Fe values, indicating that the rocks are probably very pyrite rich, with local accompanying chalcopyrite. The Co values for the vast majority of the Cu anomalous rocks were very low. Three rock chip samples were collected from within this southeast area of interest and sent for lab analyses. They returned 637 to 982 ppm Cu, 17 to 66 ppb Au and 5.0 to 11.1% Fe (samples 3661-3663, Appendix V). These samples have been described as aphanitic, silicified sedimentary rocks, locally brecciated, with 5-10% pyrite and variable, but lesser, chalcopyrite as disseminations and fine veins on fractures, along with minor quartz veining. This area of anomalous rocks is located near the eastern extent of a 1000 m-wide zone of high chargeability on survey line 5600N (fig. 41), indicating good potential for mineralization in the unexplored part of the anomaly farther to the southwest and also extending northwesterly along the contact zone of a small quartz monzonite stock.

Copper-bearing rock samples from the Omineca road area differ from those in the west grid area in that they are hosted by siliceous volcaniclastic sedimentary rocks as opposed to gabbroic or dioritic intrusive rocks. The samples contain disseminations or veins of pyrite in both areas, but those from the west grid appear to have a greater Au:Cu ratio, as well as accompanying anomalous values for Co, As, W, Sb, Bi and Te that are not present in the Omineca road area samples.

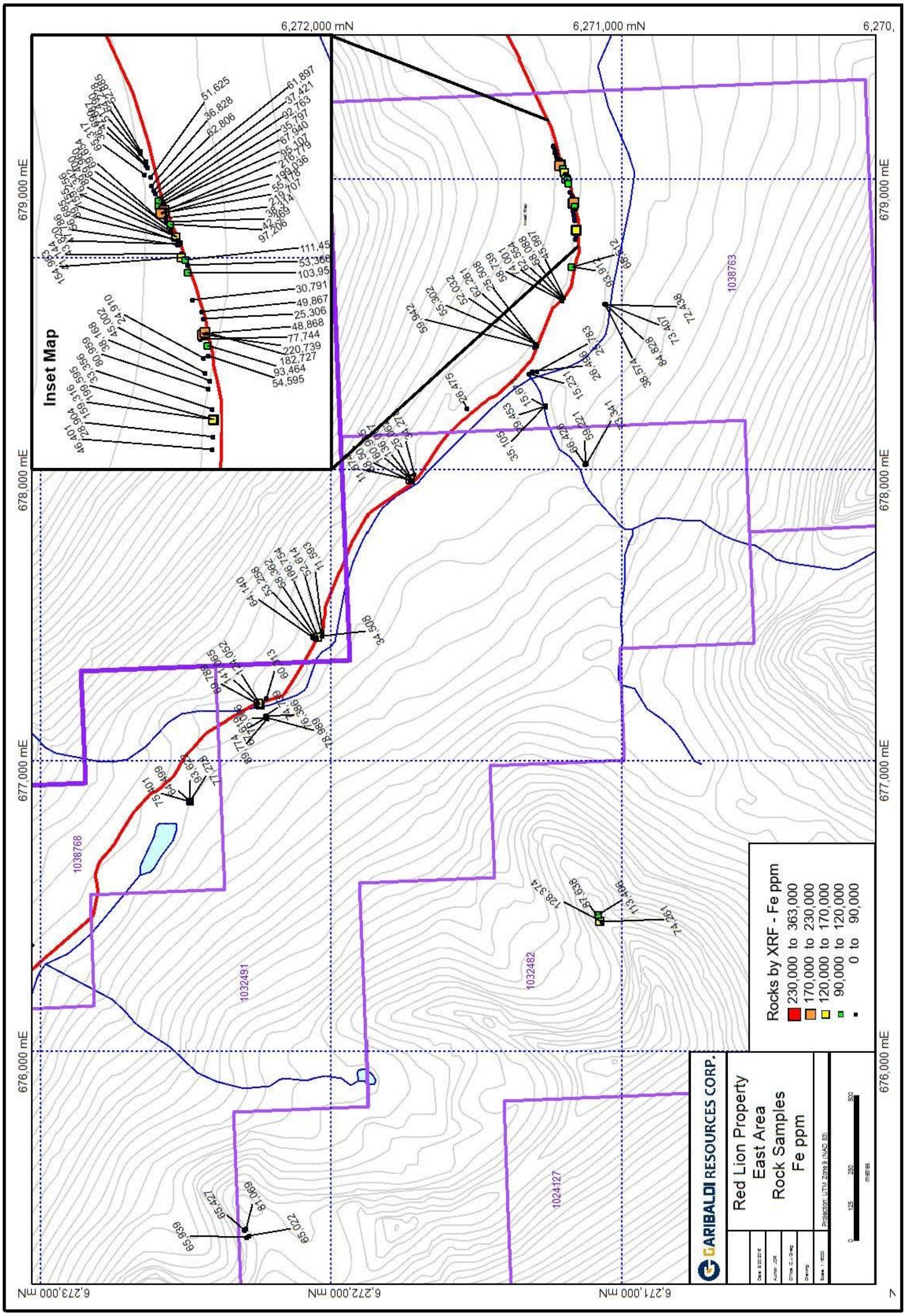


Figure 38. East part of property rock sample XRF Fe values

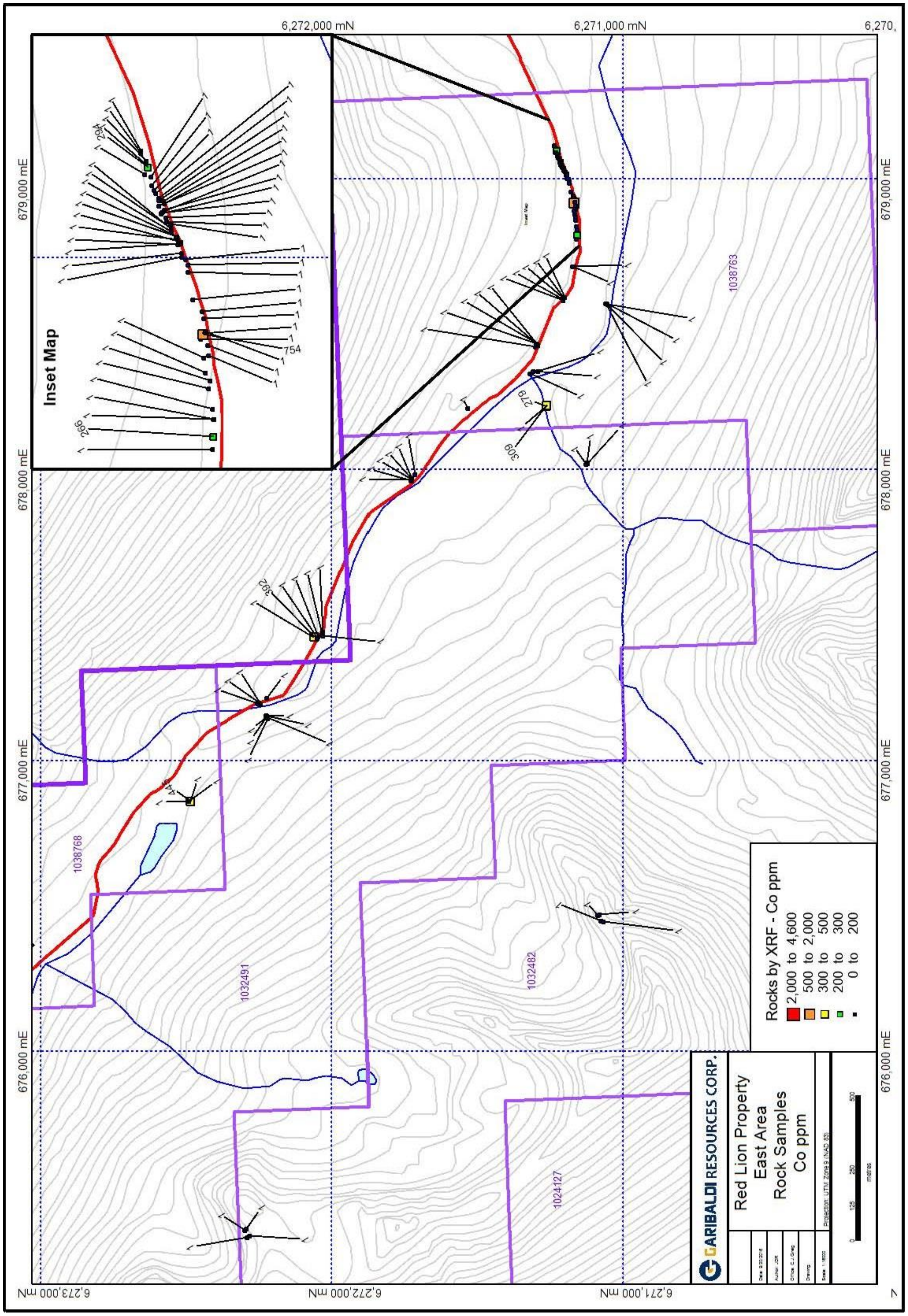


Figure 39. East part of property rock sample XRF Co values

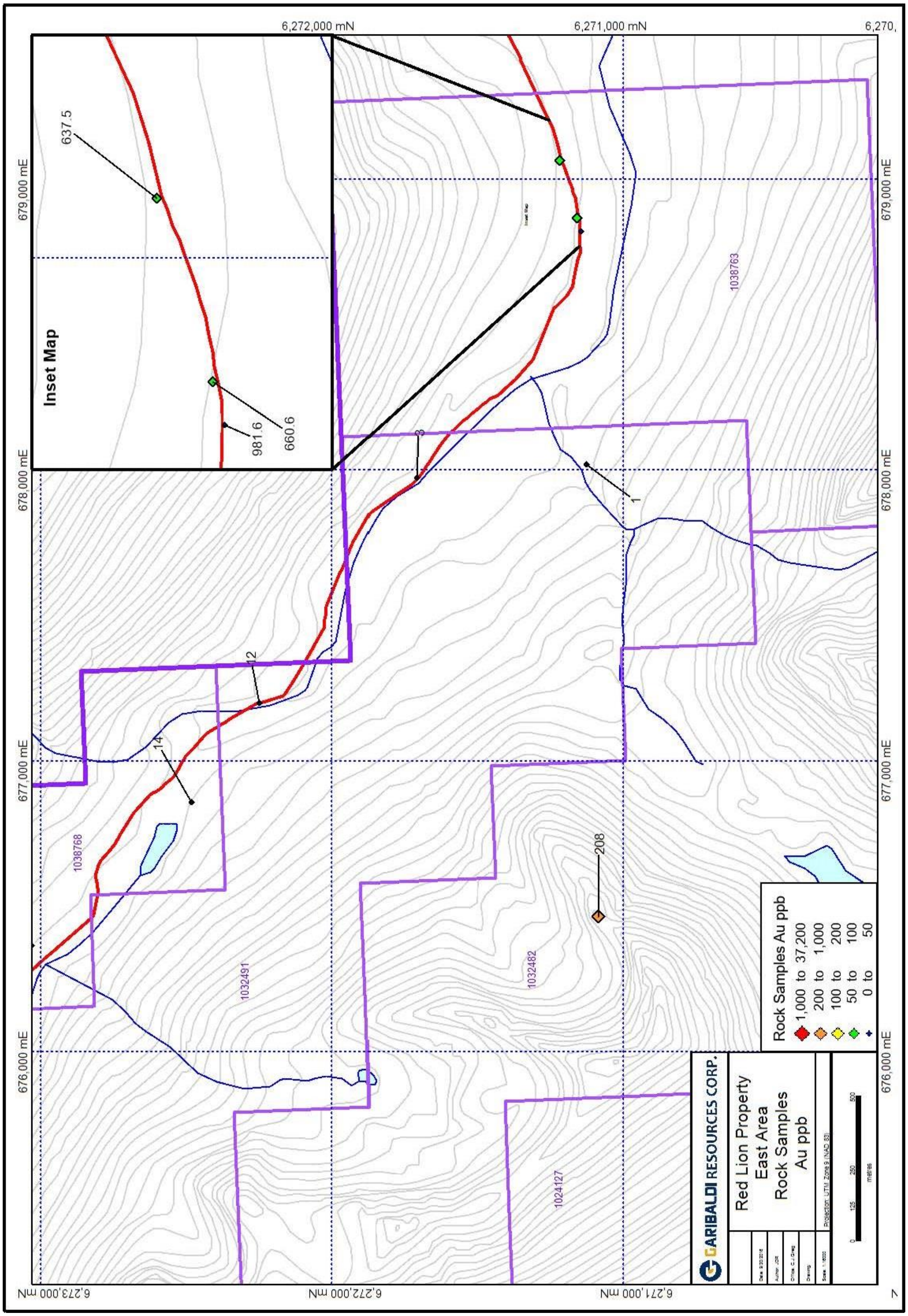


Figure 40. East part of property rock sample Au values (selected samples lab analyzed)

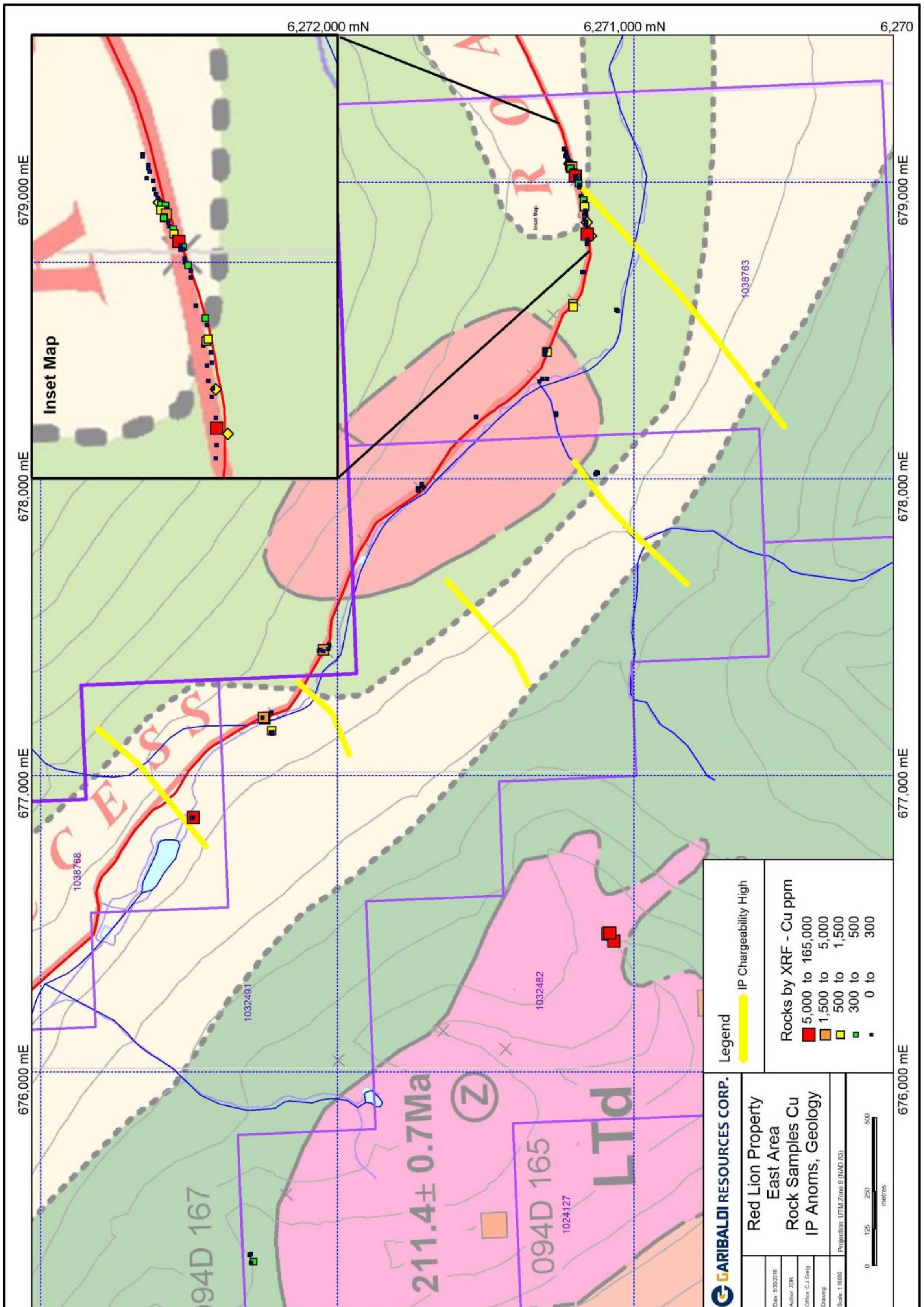


Figure 41. East part of property rock sample Cu anomalies on geology with IP chargeability highs

7.2 Rock Physical Properties

From July 10 to 13, 2016 a three-man crew undertook collection of rock type specimens for physical properties testing, in conjunction with geological reconnaissance and soil and rock sampling. Specimens were collected primarily in the areas of IP chargeability anomalies that had been identified on the east and west grids by geophysical surveying in 2015.

7.2.1 Rock Physical Properties Procedures and Targets

In the west part of the property 12 rock specimens were collected for physical properties testing. Several were from the southern part of the IP chargeability anomaly and several were from mafic to ultramafic rocks in an area to the northwest of the IP grid where copper mineralization has been noted. On the east grid most of the samples were located along, or near, a 2500 m stretch of the Omineca road, which, for the most part, skirts along the northeast edge of the strongest chargeability highs. Twenty-five rock specimens were collected from the eastern area on which to conduct physical testing.

Rock specimens that were collected for physical properties evaluation were sent to David C. Hall, DHC Geophysics of Vancouver, BC who undertook the bench-scale testing of petrophysical responses. Samples were tested for chargeability and resistivity response as well as measured for density and bulk magnetic susceptibility. The methods employed for each of these tests, as well as the results of the testing are documented in Appendix VI. The objective of the testing was to determine if the rock types encountered in the sampled areas had physical properties that could account for the IP chargeability and magnetic anomalies that had been indicated by ground and airborne geophysical surveys and perhaps clarify the potential for copper mineralization in the largely overburden covered areas.

7.2.2 Rock Physical Properties Results and Interpretation

The locations of rock samples that were collected for physical properties testing are shown overlain on property geology in Figure 42, indicating that a large number of the samples came from within the areas of known chargeability highs and, in the west area, are primarily underlain by dioritic intrusive rocks, whereas in the east area they are underlain by a small quartz monzonite stock or by the surrounding volcaniclastic sedimentary rocks.

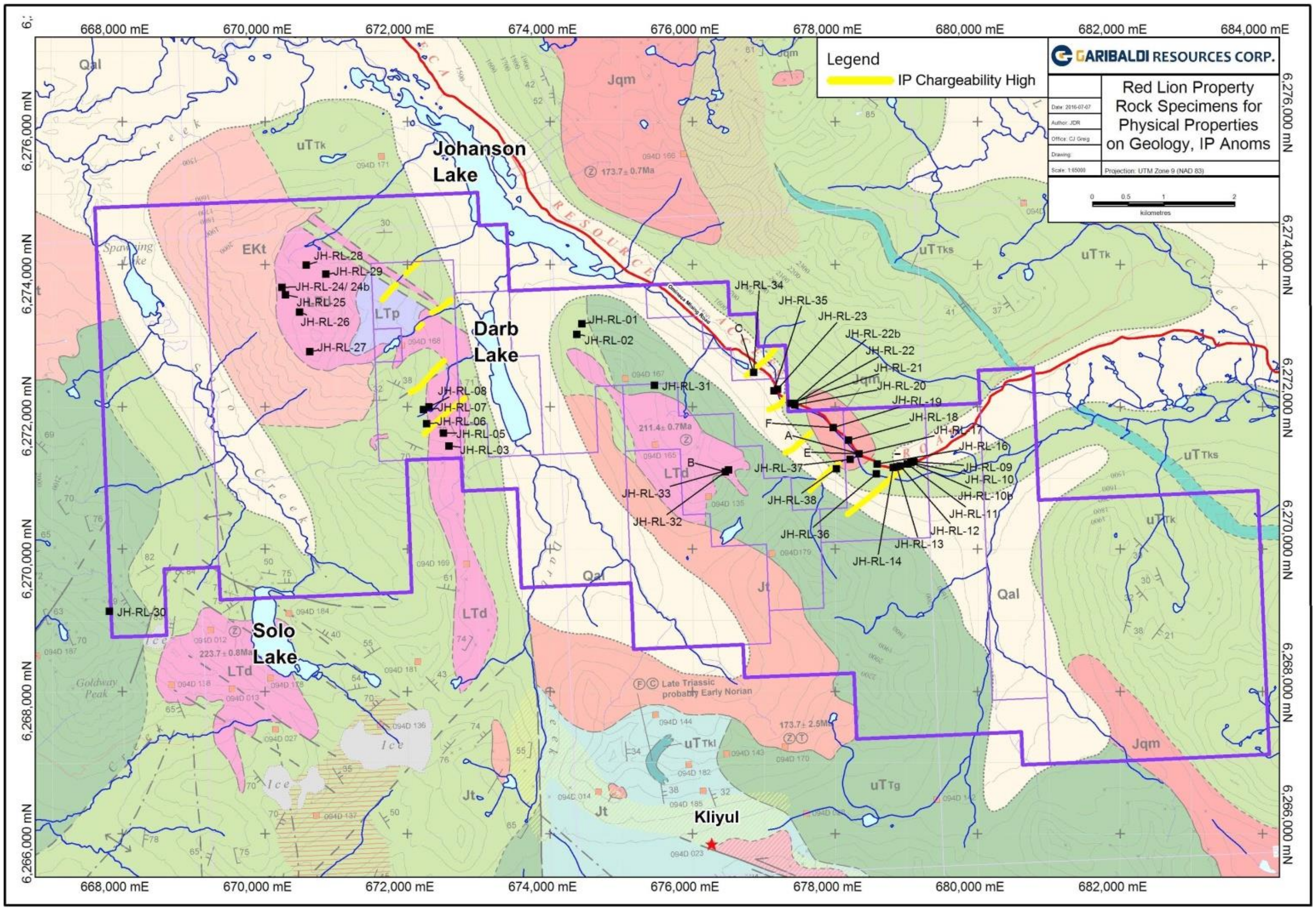


Figure 42. Physical properties rock specimen locations on geology with IP chargeability highs

Chargeability values calculated for the rock specimens are illustrated on Figure 43 and it has been determined that, in the west part of the property, the highest chargeabilities are found in the same areas as the Cu-Au bearing soils and rock samples discussed above in Section 7.1.1. This is to be expected, since the mineralized samples are generally very rich in sulphide minerals, predominantly pyrite, with local chalcopyrite and minor arsenopyrite. The highest calculated chargeability values of up to 81.4 mV/V, west of Darb Lake, are near a section of IP line 10300N that recorded high chargeabilities, measuring >20 mV/V from surface surveying (fig. 16).

In the east part of the property, samples with the highest chargeabilities are also found in the same areas as Cu-Au bearing soils and rock samples that are discussed above in Section 7.1.2. This is to be expected, since the mineralized samples are generally rich in sulphide minerals, predominantly pyrite, with local chalcopyrite. The highest calculated chargeability values of up to 41.2 mV/V, along the southeast stretch of Omineca road, are near a section of IP line 5600N that recorded high chargeabilities, measuring >20 mV/V from surface surveying (fig. 22). Farther to the northwest along the road, specimens produced chargeability values of 19.6 and 15.8 mV/V and they were collected near survey lines 8000NB and 7400NB, which each recorded high chargeabilities, measuring >20 mV/V from surface surveying (fig. 20).

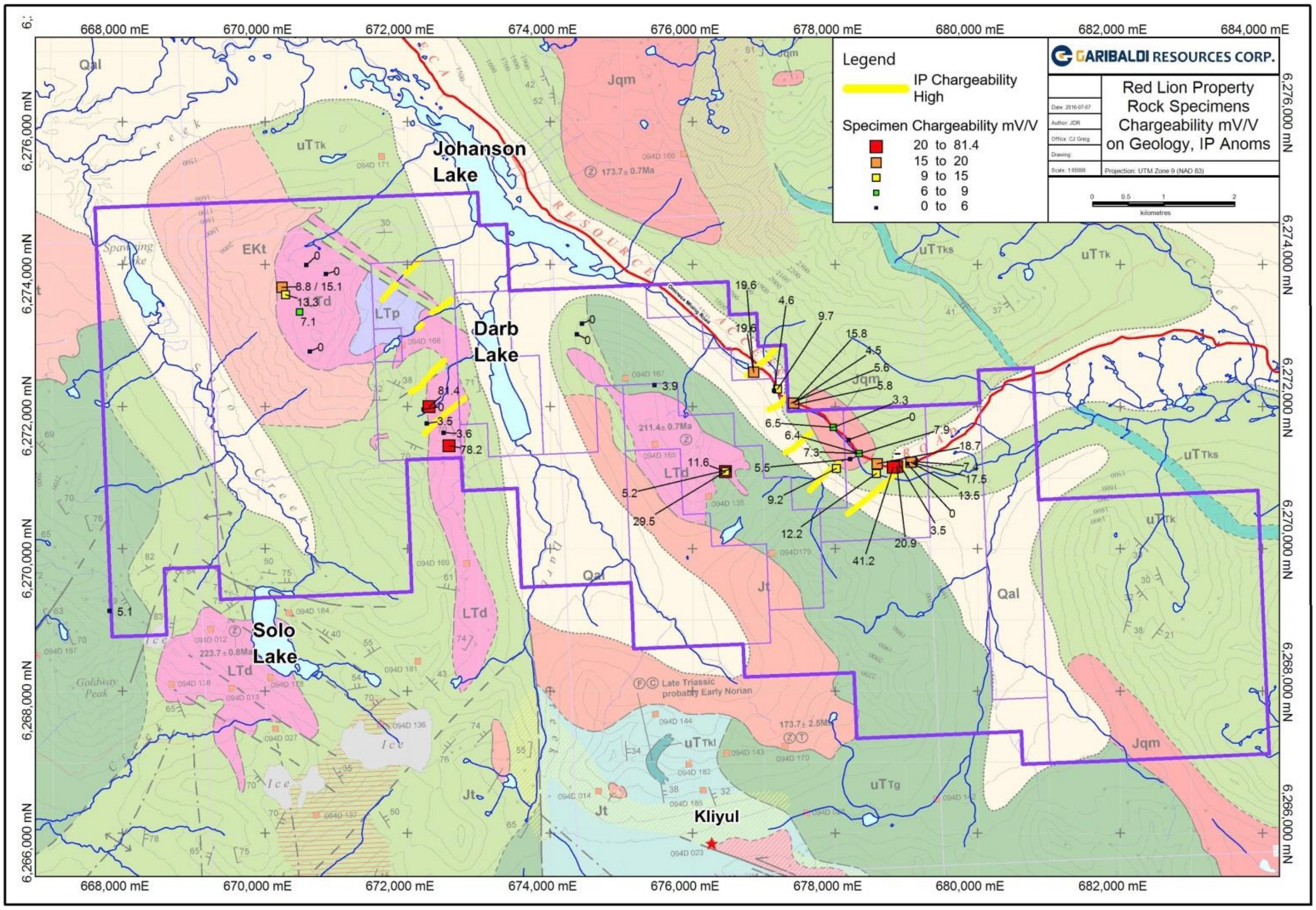


Figure 43. Rock specimen chargeability values on geology with IP chargeability highs

Resistivity values determined for the rock specimens are illustrated on Figure 44 and, in the west grid area, samples with values of high chargeability had corresponding low resistivity readings, which compares similarly with the results of surface measurements that returned moderate to low resistivity values in the high chargeability section of survey line 10300N (fig. 16). The lower readings suggest that there is probably minimal silicification within this mineralized area. Moderate resistivity in a sample to the northwest of Darb Lake may be due to the quartz content of a small chalcopyrite-bearing vein in the sample tested.

In the east grid area resistivity readings are low to moderate for the same specimens that registered high chargeability, which compares similarly with the results of surface measurements that returned moderate to low resistivity values in the high chargeability section of survey lines 5600N (fig. 22) and lines 8000NB and 7400NB (fig. 20). The lower readings suggest that there is probably minimal silicification associated with the sulphide mineralization. Strong resistivity in two specimens collected from the area of a small quartz monzonite stock along Omineca road may be due to fine quartz veins with minor pyrite in specimens described as granitic rock and moderately silicified augite, plagioclase phyric basalt (samples JH-RL-19 and JH-RL-38, Appendix VI). IP resistivity measured over the intrusive stock on lines 6200N and 6800N (figs. 21 and 22) showed narrow intervals of moderate to high resistivity that may be caused by silica alteration along the contact between the intrusive stock and volcaniclastic rocks.

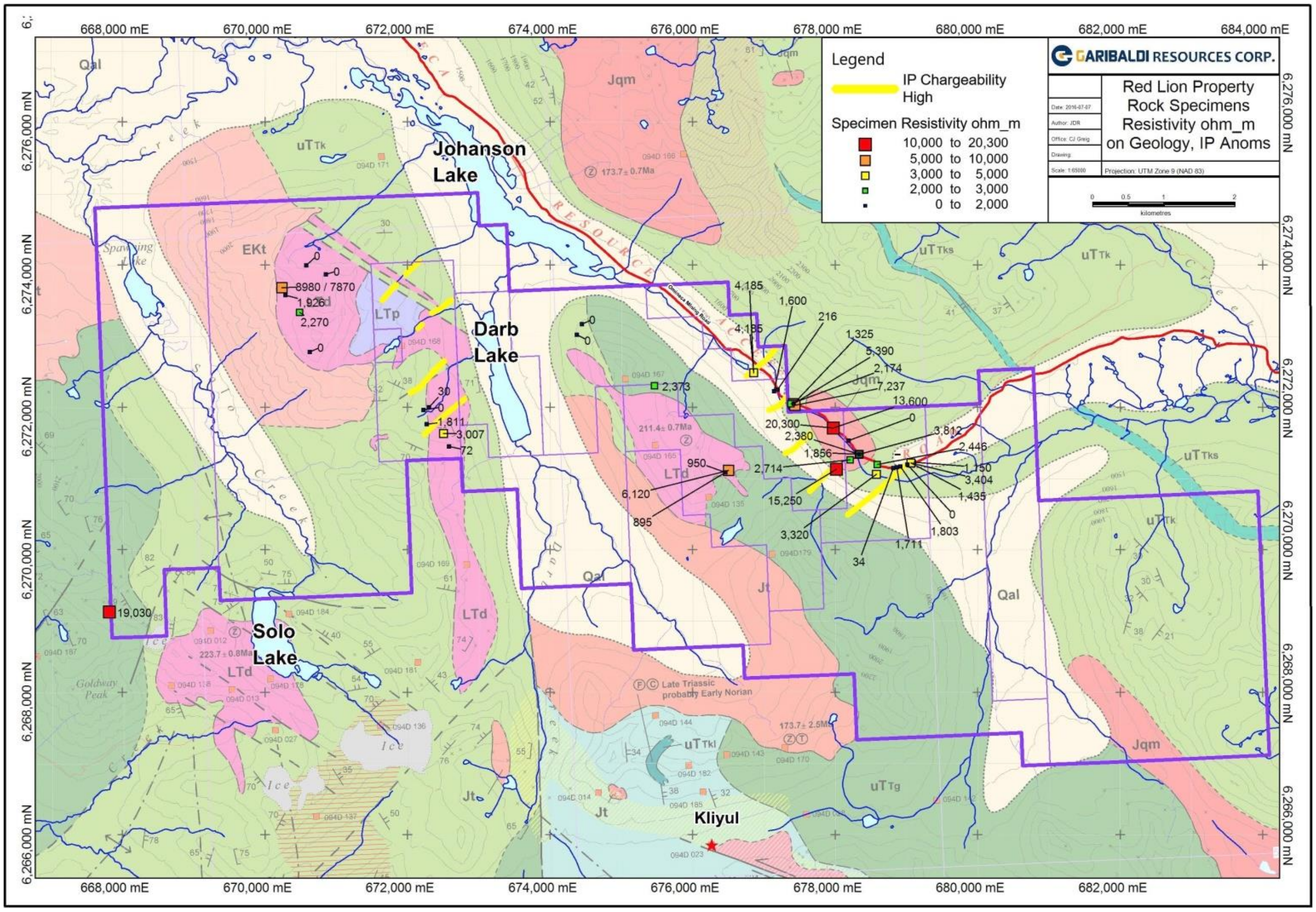


Figure 44. Rock specimen resistivity values on geology with IP chargeability highs

Magnetic susceptibility readings for rock specimens are shown overlain on airborne residual magnetics in Figure 45. West of Darb Lake the samples with the highest magnetic susceptibility also have the highest chargeability values, therefore these samples, which are very pyrite-rich, may also contain magnetite in the diorite host rock. As well, many of the samples with high magnetic susceptibility are located within the areas of strongest airborne magnetic results, which typically correspond to mafic and ultramafic intrusive rocks that are known to contain disseminated magnetite in this region.

Samples collected near the southern extent of sampling along Omineca road that show moderate magnetic susceptibility values of 12.2×10^{-3}SI to 25.2×10^{-3}SI are located at the southeast end of an airborne magnetic anomaly that coincides with a monzonite to quartz monzonite stock. The samples are described as fresh, k-feldspar and plagioclase porphyritic granite with very minor pyrite (samples JH-RL-17, JH-Rl-37, Appendix VI). These rocks likely contain disseminated magnetite, which is common to these intrusions. A specimen from a ridge to the southwest of the road with magnetic susceptibility of 28×10^{-3} is described as fresh, medium grained diorite collected from an intrusive body known to contain disseminated magnetite (sample JH-RL-33, Appendix VI). Specimens of volcaniclastic rocks overall produced low magnetic susceptibility values, which is consistent with the airborne magnetic results.

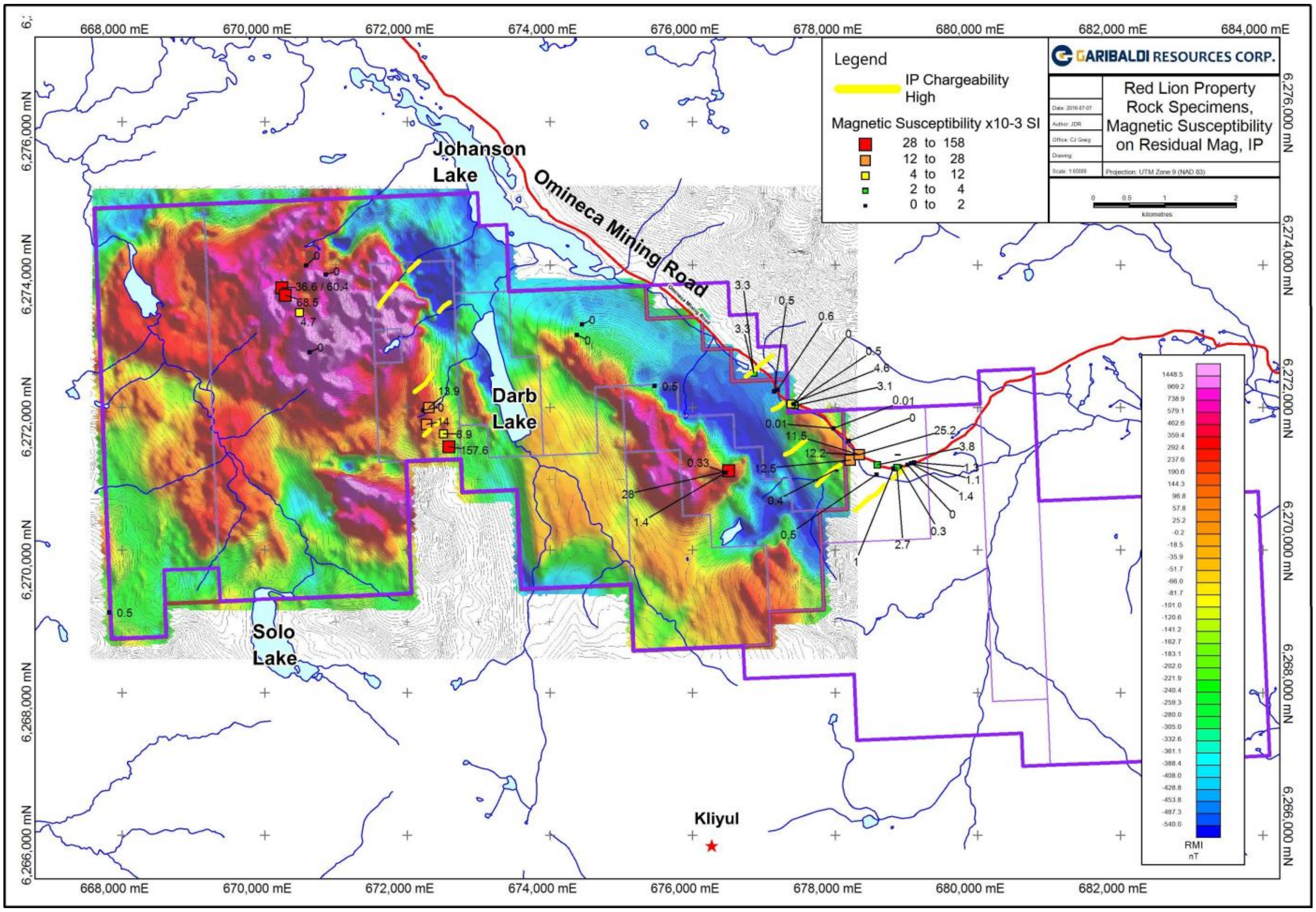


Figure 45. Rock specimen magnetic susceptibility values on airborne residual magnetics with IP chargeability highs

8.0 Conclusions and Recommendations for Future Work

In September, 2015 a total of 26.4 line-kilometers of induced polarization surveying was completed on widely spaced lines designed for reconnaissance exploration of geological and geochemical targets in two areas of the Red Lion property. A number of interesting results were returned.

The west grid covered portions of a mafic to ultramafic intrusive complex, elongate diorite bodies and adjacent volcanic sedimentary rocks. On the west grid, lines 10300N and 10900N indicated strong IP chargeability anomalies coincident with magnetic highs over the western contact of an elongate north-south trending diorite intrusive body. Quartz-pyrite veins with local chalcopyrite have been noted in outcrop several hundred metres north of these lines in similar host rocks.

Farther north on the west grid a 200 m-wide strong IP response on line 11500N appears to match a similar response on the central part of line 12200N. The high chargeability is associated with a magnetic low and has higher resistivity values to the east, suggesting a possible northwest-trending fault zone following the chargeability high and juxtaposing higher resistivity rocks on its east side. Alternatively, the geophysical responses could be indicative of a linear zone of magnetite-destructive, argillic alteration with sulphide mineralization. It is noteworthy that copper and gold stream sediment anomalies are present in two streams draining these geophysical targets.

High chargeability and low resistivity extending over about 400 m on the west end of line 12200N is underlain by hornblendite or pyroxenite, and may be caused by disseminated sulphide mineralization, although other evidence is lacking. Of note is the lack of IP response on lines 11500N and 13200N in the diorite on either side of the line 12200N chargeability anomaly, indicating that the mafic rocks of the complex typically do not generate a strong IP response.

The survey on the east grid initially targeted a propylitically altered diorite body with coincident magnetic highs, high K/Th ratios and strongly anomalous copper and gold in soil. The initial IP survey lines, however, returned disappointingly low chargeability values. One of the lines, 6800N, was extended farther to the east and revealed a high chargeability, low resistivity zone near the valley bottom, which is largely overburden covered. Four more wide-spaced lines were added, showing northwest continuity of this zone over a length of 2400 metres. This strong chargeability high and resistivity low appears to surround a moderately magnetic, Middle Jurassic monzonite body, at least on its southwest side.

Various scenarios could explain the cause of the observed geophysical responses of the east grid anomaly. The anomaly closely follows an area covered by Quaternary glacial, fluvial and/ or alluvial overburden, which may be the source of the anomaly, however, since the geophysical responses continue to considerable depth the overburden would have to be over 100 m deep. A second alternative is that the high chargeability, low resistivity and low magnetic responses, could be caused by a large, northwest-trending fault structure that contains clay and carbonaceous, or graphitic, material. A third, more optimistic, possibility is that the anomaly is underlain by sulphide-bearing rock within a zone of weakly resistive, argillic alteration, perhaps along the margin of the intrusive stock. Localized anomalous copper values in soil samples along the south side of the intrusion help to support this third alternative.

In July, 2016 a three-man crew undertook reconnaissance geological and geochemical work, largely focussed within the areas of IP chargeability anomalies that had been identified on the east and west grids by geophysical surveying in 2015. A hand-held XRF unit was used to analyze soil and rock samples and rock type specimens were sent for physical properties testing to attempt to determine the sources of IP chargeability anomalies and their potential to host copper-gold mineralization.

On the west grid, samples of monzonite and diorite, with veins up to 5 cm wide containing pyrite, chalcopyrite and arsenopyrite, returned several values of greater than 0.4% Cu with four samples returning gold values of 1065 ppb to 37,200 ppb (37.2 g/t), as well as elevated levels of As, Co and W. The samples are within an area of high chargeability and nearby reconnaissance soil samples have returned anomalous Cu values up to 135 ppm. This area is underlain by an elongate north-trending diorite body about 500 m wide, in contact with Takla Group volcaniclastic sedimentary rocks. Bench testing of specimens of pyrite-chalcopyrite veined diorite produced high chargeability readings, affirming that the source of the IP anomalies in the west grid area could be due to a sizeable zone of porphyry style mineralization.

On the east grid, reconnaissance soil and rock samples containing anomalous levels of copper are located in siliceous volcaniclastic sedimentary rocks near the contacts of a small monzonite to quartz monzonite stock. The anomalous rock samples contain disseminations and fine veins of pyrite with lesser chalcopyrite and minor quartz veining. Most of these samples were collected along the edges of the northwest-trending IP chargeability zone; however, much of the IP anomaly area has not been sampled. Several samples returned greater than 0.2% Cu (up to 1.68% Cu), however, the few samples that were analyzed for gold returned low values and, in contrast with the west grid samples, the As, Co and W values were all low. Physical properties testing on specimens from the anomalous areas revealed some high chargeability values, which were typically produced by the samples containing 5-10% pyrite with local chalcopyrite. Based on the discovery of pyrite-veined siliceous, and locally brecciated, sedimentary rocks within parts of the high chargeability zone it is quite probable that the IP anomaly is caused by sulphide veining; however, due to the sporadic and generally sparse chalcopyrite content and the apparent lower Au**:**Cu ratio, the east zone target is rated as second priority for exploration after the west zone target.

A two-part exploration program is recommended, which would begin with geological mapping and geochemical sampling over the prospective IP and magnetic targets in the west and east grid areas. Very little soil sampling has been undertaken in the west grid area, so grid soil lines should be laid out to cross the north to northwest trends of chargeability highs and the favourable diorite unit. Lines should be oriented east-west and spaced 200 m apart, with samples collected at 50 m stations. Lines should primarily cover the diorite unit and extend at least 200 m into the adjacent volcaniclastic rocks. A total of 15 lines, each measuring 1.2 to 1.5 km in length, is estimated.

Previous soil sampling in the east grid area has covered a large part of the anomalous IP zone on the east side of the grid (fig. 8). Re-sampling should be undertaken in the areas of high copper values that coincide with the IP anomaly near lines 5600N, 6200N and 6800N to confirm the anomalous locations. Extensions to the north and east of the previous soil grid should be sampled to test along the trend of the IP anomaly.

The second phase of work would involve overburden and rock interface sampling, utilizing a small track-mounted, helicopter-portable, reverse circulation drill capable of drilling up to 100 m depth. The drill holes would recover samples from overburden, as well as 10 m, or more, of rock chips from bedrock, for geochemical analysis. These holes should be positioned within the strongest parts of the chargeability anomalies, to attempt to trace the possible sources of geochemical anomalies and also to recover bedrock samples for physical property testing that will help determine the rock types that are causing the geophysical responses. Northeast-oriented fences of 8 to 10 holes each are proposed; 50 to 100 m between holes, and 300 m between fences positioned along the IP lines and mid-way between the lines. The west grid IP anomaly is the primary target proposed for drill testing, with an estimated 8 fences totalling 80 to 100 holes. The east grid secondary IP target would require a similar amount of reverse circulation drilling; however, it should follow the work on the west grid and should be phased to first test the strongest geochemical anomalies at the southeast and northwest ends of the IP zone, with further drilling contingent on those initial results.

A portable XRF analyzer unit should be utilized in the field to analyze a range of elements, which will help to quickly determine if samples contain copper or associated minerals of interest, thereby guiding the direction of testing with the drill.

Additional IP surveying may be warranted to test possible targets defined by the initial work, or to further define existing IP targets. As well, reconnaissance exploration should continue on the rest of the property; in particular newly added claims to the southeast. Recommended work that was outlined in a previous report by Rowe (2015b) that has not been completed should also be considered.

9.0 References

Gill, D.G., 1994. Geological and Geochemical Assessment Report on the Joh Property, for Hemlo Gold Mines Inc., September, 1994, Assessment report 23543.

Gill, D.G., 1995. Geological Assessment Report on the Joh 3 Group of Claims, for Hemlo Gold Mines Inc., February, 1995, Assessment report 23842.

Kiska Metals Corporation, November 04, 2015. News Releases, http://www.kiskametals.com/s/News.asp?ReportID=728932

Leriche, P.D. and Luckman, N., 1991a. Geological and Geochemical Report on the Joh Property, Johanson Lake area, Omineca Mining District, British Columbia, for Swannell Minerals Corporation, 27 October, 1991, Assessment Report 21781.

Leriche, P.D. and Luckman, N., 1991b. Geological and Geochemical Report on the Darb Property, Johanson Lake area, Omineca Mining District, British Columbia, for Swannell Minerals Corporation, 26 October, 1991, Assessment Report 21782.

Leriche, P.D. and Taylor, A., 1992. Geological, Geochemical and Geophysical Report on the Joh/ Darb Property, Johanson Lake area, Omineca Mining District, British Columbia, for Swannell Minerals Corporation, 19 October, 1992, Assessment Report 22585.

Lui, D.K., 2010. 2010 Geological Report on the Kliyul Project, for Kiska Metals Corporation, December 30, 2010, Assessment Report 31866.

Massey, N.W.D., D.G. MacIntyre, P.J. Desjardins and R.T. Cooney, 2005. Geology of British Columbia, BC Ministry of Energy, Mines and Petroleum Resources, Geoscience Map 2005-3, North Sheet, scale 1:1,000,000.

Mihalynuk, M.G., Nelson, J. and Diakow, L.J., 1994. Cache Creek terrane entrapment: Oroclinal paradox within the Canadian Cordillera. Tectonics, vol. 13, no. 2, p. 575-595.

Mills, K., Huang, J., Bosworth, G., Cowie, S., Borntraeger, B., Welhener, H., Collins, J., Bekhuys, T. and Labrenz, D., 2009. Technical Report – Feasibility Update, Mt. Milligan Property – Northern BC, for Terrane Metals Corp., October 13, 2009.

Monger, J.W.H., 1977. The Triassic Takla Group in McConnell Creek map-area. Geol. Surv. Can., Paper 76-29.

Osatenko, M.J., 2006. 2005 Geochemical Report on the Darby Property, for Serengeti Resources Inc., Assessment Report 28439.

Ostensoe, E.A., Shirvani, F. and Woodworth, A., 2011. Technical Report of Work, Darby Property, Omineca Mining Division, North Central British Columbia, for DeCoors Mining Corp., December 29, 2011, Assessment Report 32618.

Richards, T.A., l976. Takla Group (Reports 10-16): McConnell Creek Map Area (94D, East Half), British Columbia; Geological Survey of Canada, Paper 76-1a, pages 43-50.

Rowe, J.D., 2015a. Satellite Imagery, Lineament Study & Exploration Data Compilation on the Red Lion Property, for Garibaldi Resources Corp., Assessment Report 35336.

Rowe, J.D., 2015b. Airborne Magnetic & Radiometric Surveys and Geological Reconnaissance on the Red Lion Property, for Garibaldi Resources Corp., Assessment Report 35623.

Schiarizza, P., 2004. Geology and Mineral Occurrences of Quesnel Terrane, Kliyul Creek to Johanson Lake (94D/8,9) in Geological Fieldwork 2003, B.C. Ministry of Energy and Mines, Paper 2004-1, pages 83-100.

Schiarizza, P. and Tan, S. H., 2005a. Geology of the Johanson Lake Area, 94D/8 and 9. British Columbia Geological Survey Open File 2005-4 (1:50,000 map).

Schiarizza, P. and Tan, S.H., 2005b. Geology and mineral occurrences of Quesnel Terrane, between the Mesilinka River and Wrede Creek (NTS 94D/8,9), North-Central British Columbia. B.C. Ministry of Energy, Mines and Petroleum Resources Paper 2005 - 1: p. 109-130.

*All Assessment Reports are available on-line at http://aris.empr.gov.bc.ca/
Minfile descriptions are available on-line at http://minfile.gov.bc.ca/searchbasic.aspx
BC Ministry of Energy and Mines, Exploration Assistant is available online at http://webmap.em.gov.bc.ca/mapplace/minpot/ex_assist.cfm
All BC GSB publications are available on-line at http://www.empr.gov.bc.ca/MINING/GEOSCIENCE/PUBLICATIONSCATALOGUE/Pages/default.aspx

10.0 Statement of Expenditures

Red Lion Exploration Cost Statement, September 1, 2015 - September 20, 2016						
Exploration Work Type	**Details**	**Dates**				**Totals**
Geological Consulting			Days	Rate	Subtotal	
J.Rowe - Geologist	Planning, eval, report writing, produce GIS maps	Sep 1, 2015 - Sep 20, 2016	16	640	10,240	
J. Hanson - Geologist	Geol recon, samp, evaluation notes, travel	July 8 - 14, 2016	7	525	3,675	
M. Fraser - Prospector	Sampling, prospecting, travel	July 8 - 14, 2016	7	370	2,590	
J. Fraser - Sampler	Sampling, travel	July 8 - 14, 2016	7	315	2,205	
						18,710
Geophysical Survey					Subtotal	
Scott Geophysics Ltd.	IP survey crew, 19 days, 26.4 km	Sep 9 - 27, 2015			88,144	
J. Lajoie- Geophysicist	Evaluation, report preparation	Sep 1, 2015 - Sep 20, 2016			1,838	
D. Hall - Geophysicist	Rock physical properties testing - 36 samples	Aug 1 - 31, 2016			1,323	
						91,305
Geochemical Analyses						
Bureau Veritas Mineral Labs	Rock sample analyses, 14 samples	July 22 - August 26, 2016			577	
						577
Transportation						
SilverKing Helicopters	Helicopter access to property	Sep 9, 2015 - July 13, 2016			59,368	
	Truck rental, mileage, fuel	July 8 - 14, 2016			1,300	
	Travel, hotel & food	July 8 - 14, 2016			2,177	
	Field Supplies	July 8 - 14, 2016			210	
						63,055
Accomodation, Supplies						
Russel Transfer Ltd.	Expediting, camp, food and supplies - 19 days	Sep 9 - 27, 2015			13,365	
						13,365
			Total Expenditures			**187,012**

11.0 Author's Qualifications

I, Jeffrey D. Rowe, of 2537 Evergreen Drive, Penticton, British Columbia, Canada, hereby certify that:

1. I am a graduate of the University of British Columbia with a B.Sc. (Honours) (Geological Sciences, 1975) and have practiced my profession continuously from 1975 to 1999 and from 2007 to present.

2. I have been employed in the geoscience industry for over 30 years, and have explored for gold and base metals in North and South America for both senior and junior mining companies, on exploration properties as well as at a producing mine.

3. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (license #19950).

4. I am not aware of any material fact or material change with respect to the subject matter of the technical report that is not reflected in the technical report, the omission to disclose which makes the technical report misleading.

5. I have no direct or indirect interest in the property described herein, or in Garibaldi Resources Corp., nor do I expect to receive any.

6. I am an author of the report entitled; "2015 Induced Polarization Survey and 2016 Geological and Geochemical Program on the Red Lion Property" dated October 27, 2016. I helped plan and evaluate the results of the work program reported on herein.

Dated at Penticton, British Columbia, this 27th day of October, 2016.

Respectfully submitted,

"J D Rowe"

Jeffrey D. Rowe, B.Sc., P.Geo.

I, Jules J. Lajoie, of Vancouver, British Columbia, Canada, hereby certify that:

1. I am a graduate of the University of Ottawa with a B.Sc. (Honours) (Physics, 1968), the University of British Columbia with an M.Sc, (Geophysics, 1970), and the University of Toronto with a Ph.D. (Geophysics, 1973).

2. I have been employed in the geoscience industry for over 40 years.

3. I am a member in good standing of the Professional Engineers and Geoscientists of British Columbia (license #12077) and have fellowships with Engineers Canada and Geoscientists Canada (Honours).

4. I am not aware of any material fact or material change with respect to the subject matter of the technical report that is not reflected in the technical report, the omission to disclose which makes the technical report misleading.

5. I am an author of the report entitled; "2015 Induced Polarization Survey and 2016 Geological and Geochemical Program on the Red Lion Property" dated October 27, 2016. I helped plan and evaluate the results of the work program reported on herein.

Dated at Vancouver, British Columbia, this 27th day of October, 2016.

Respectfully submitted,

"J J Lajoie"

Jules J. Lajoie Ph.D., P.Eng.

APPENDIX I

Logistical Report
Induced Polarization Survey
Red Lion Project

by

Brad Scott
Scott Geophysics Ltd.
October 11, 2015

LOGISTICAL REPORT

INDUCED POLARIZATION SURVEY

RED LION PROJECT, KEMESS AREA, BC

on behalf of

GARIBALDI RESOURCES CORP.
1150 – 409 Granville Street
Vancouver, BC V6C 1T2

Survey performed: September 9-27, 2015

by

Brad Scott, Geologist (GIT)
SCOTT GEOPHYSICS LTD.
4013 West 14th Avenue
Vancouver, BC V6R 2X3

October 11, 2015

TABLE OF CONTENTS

Appendix

Accompanying Data Files

1. INTRODUCTION

An Induced Polarization (IP) survey was performed at the Red Lion Project, Kemess area, BC within the period September 9-27, 2015. In addition, non-differential GPS readings were taken at each electrode location, subject to satellite reception.

The survey was performed by Scott Geophysics Ltd. on behalf of Garibaldi Resources Corp. This report describes the instrumentation and procedures, and presents the results of the survey.

2. SURVEY COVERAGE AND PROCEDURES

The pole-dipole array was used for the IP survey. Readings were taken at an “a” spacing of 100 metres at “n” separations of 1 to 6 (100/1-6). The on line current electrode was located to the east of the potential electrodes for lines 5600N-6800N, 7400Nb, 8000Nb, and 10300N-1320000N and to the west of the potential electrodes for lines 7400N, 8000N, and 8600N.

GPS readings were taken at each station and at the remote (“infinite”) electrode locations, subject to satellite reception. Elevation measurements are barometric altimeter readings, calibrated to GPS altitude at the beginning of each line.

A total of 26.4 kilometres of IP survey were performed.

The chargeability and resistivity results are presented on the accompanying pseudosections and plans. All survey data are archived to the accompanying CD-ROM.

3. PERSONNEL

Gord Stewart was the crew chief on the survey on behalf of Scott Geophysics Ltd. Steve Regoci was the representative on behalf of Garibaldi Resources Corp.

4. INSTRUMENTATION

A GDD GRx8-32 receiver and 2 GDD TxII transmitters (10,000 watts total) were used for the survey. Readings were taken in the time domain using a 2 second on/2 second off alternating square wave. The chargeability values plotted on the accompanying pseudosections and plans are for the interval 690-1050 msec after shutoff.

GPS readings were taken with a Garmin GPSMap GPS receiver.

Respectfully Submitted,

Brad Scott, Geologist (GIT)

Statement of Qualifications

for

Brad Scott, Geologist (GIT)

of

1230 Harrison Way,
Gabriola, BC V0R 1X2

I, Brad Scott, hereby certify the following statements regarding my qualifications and involvement in the program of work on behalf of Garibaldi Resources Corp. at the Red Lion Property, Kemess area, BC as presented in this report.

The work was performed by individuals trained and qualified for its performance.

I have no material interest in the property under consideration in this report.

I graduated from the University of British Columbia with a Bachelor of Science degree (Geology) in 2000.

I am a member-in-training of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

I have been practising my profession in the field of Mineral Exploration since 2000.

Respectfully submitted,

Brad Scott

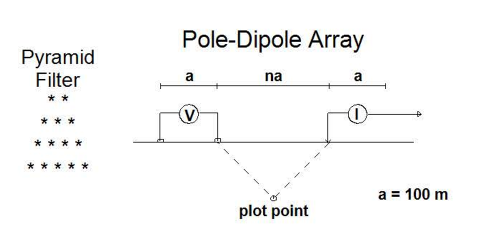
APPENDIX II

High Resolution Stacked Profiles of Resistivity & Chargeability Comprising Measured Pseudosection, Inverted Section & Predicted Pseudosection

by

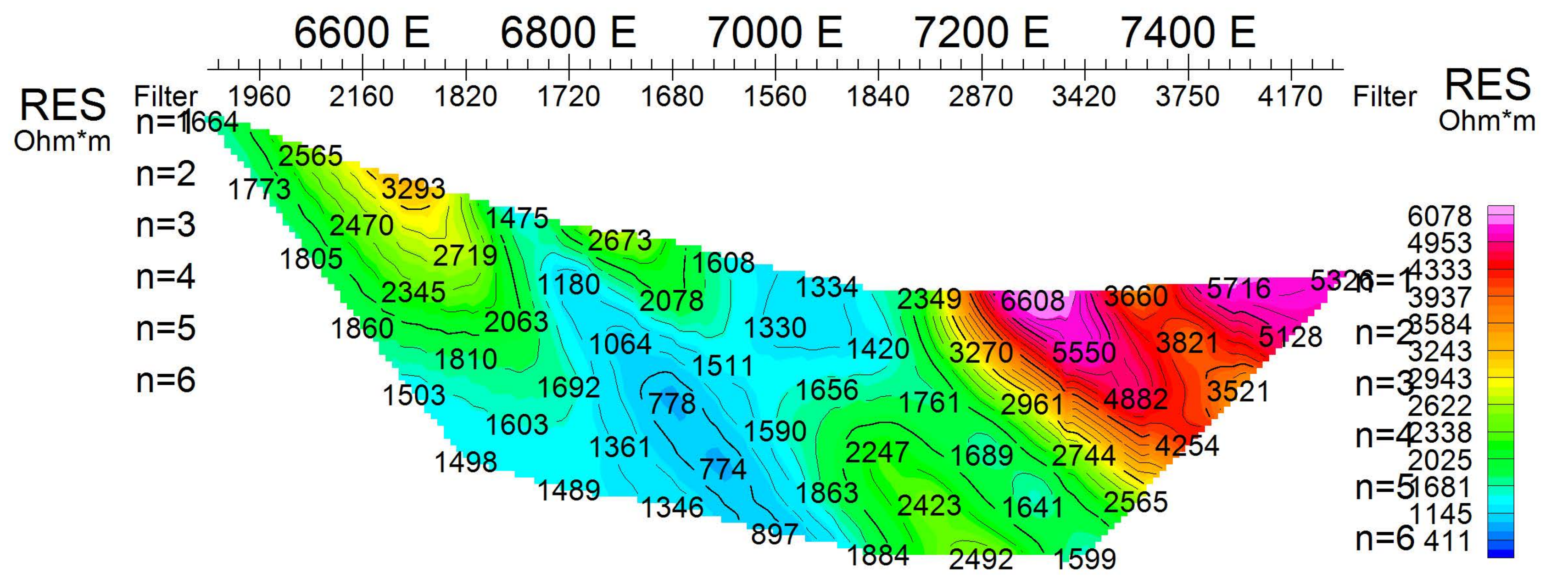
J. Lajoie

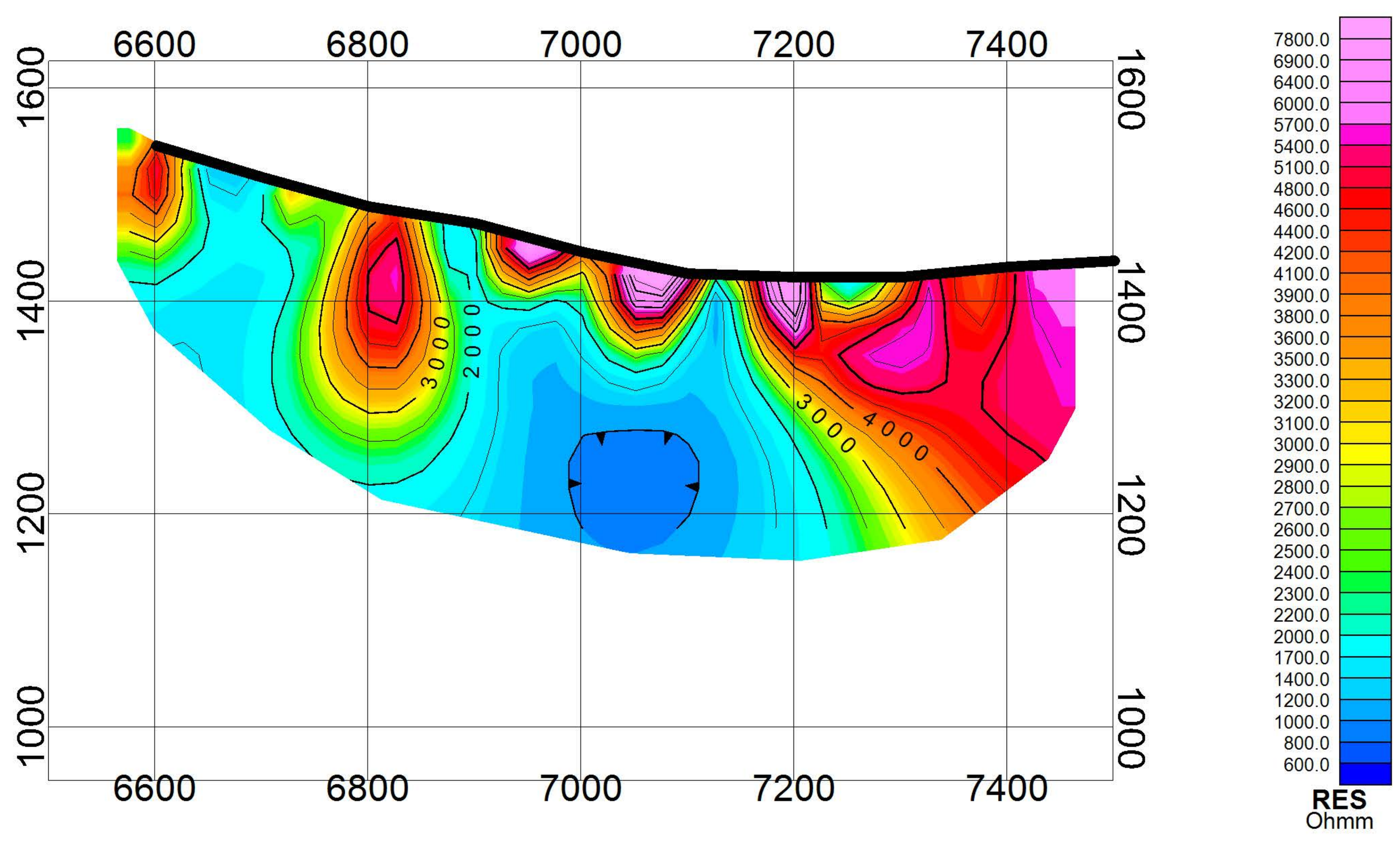
Pseudo Section Plot
5600 N

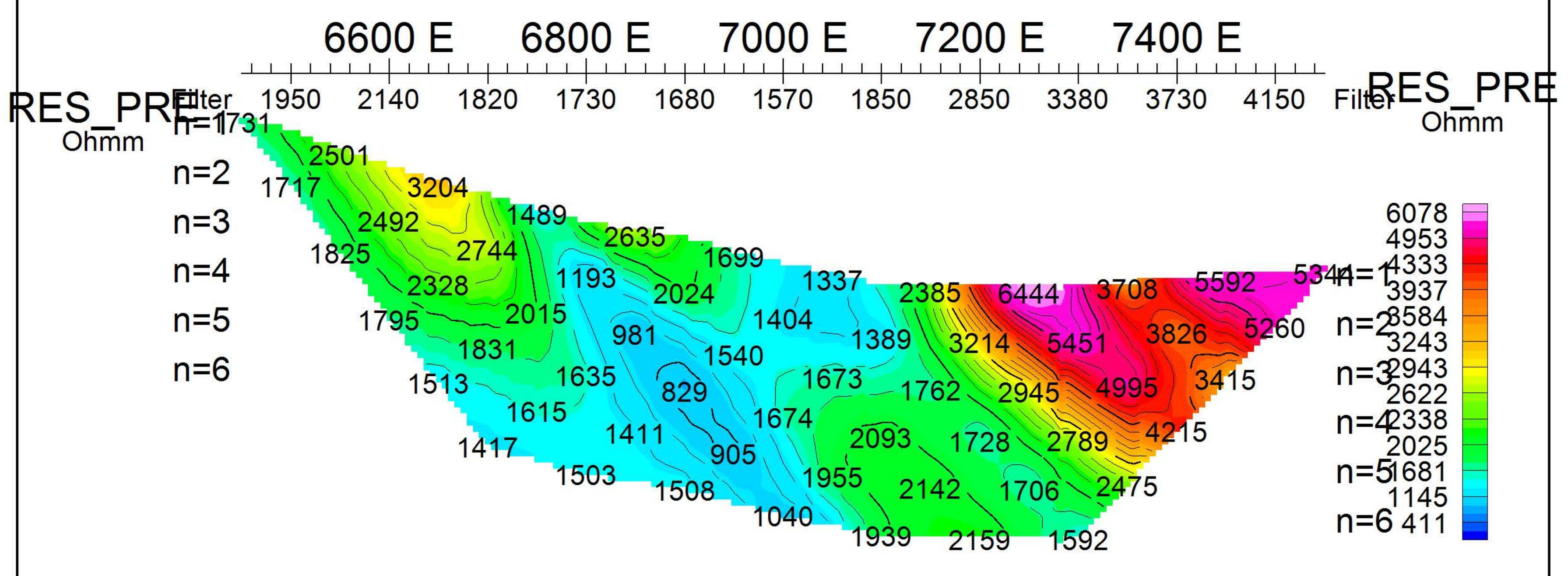


(No Precision Aeromag)

RESISTIVITY: Measured/Inversion/Predicted

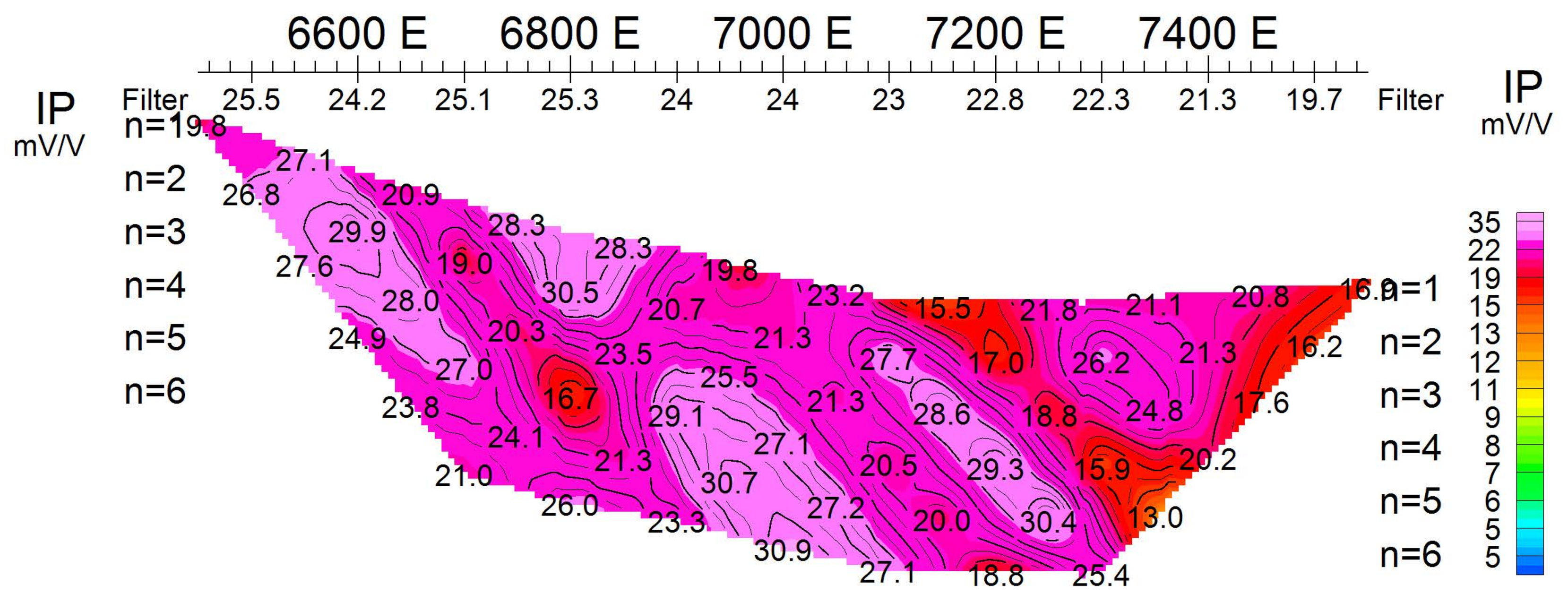


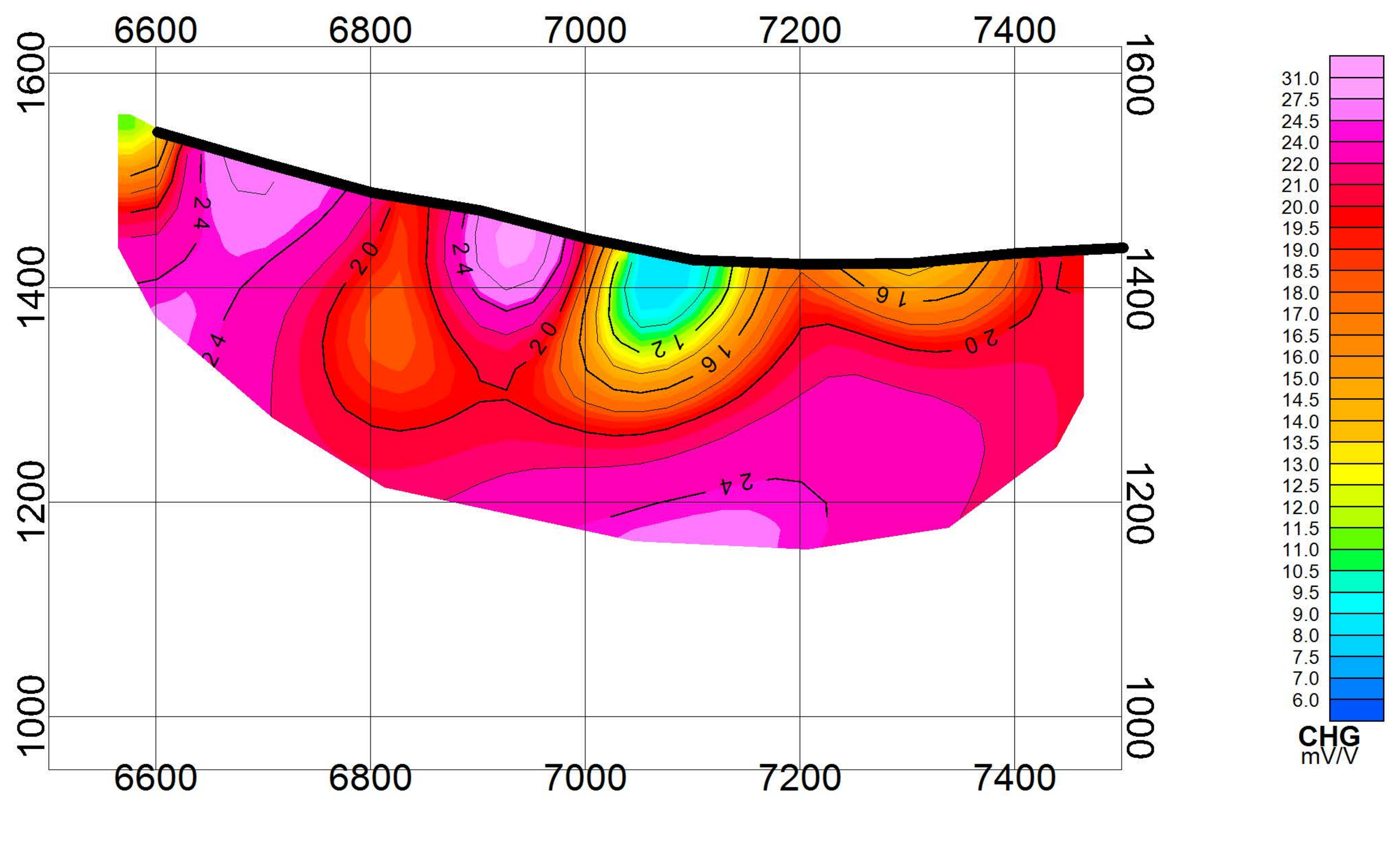


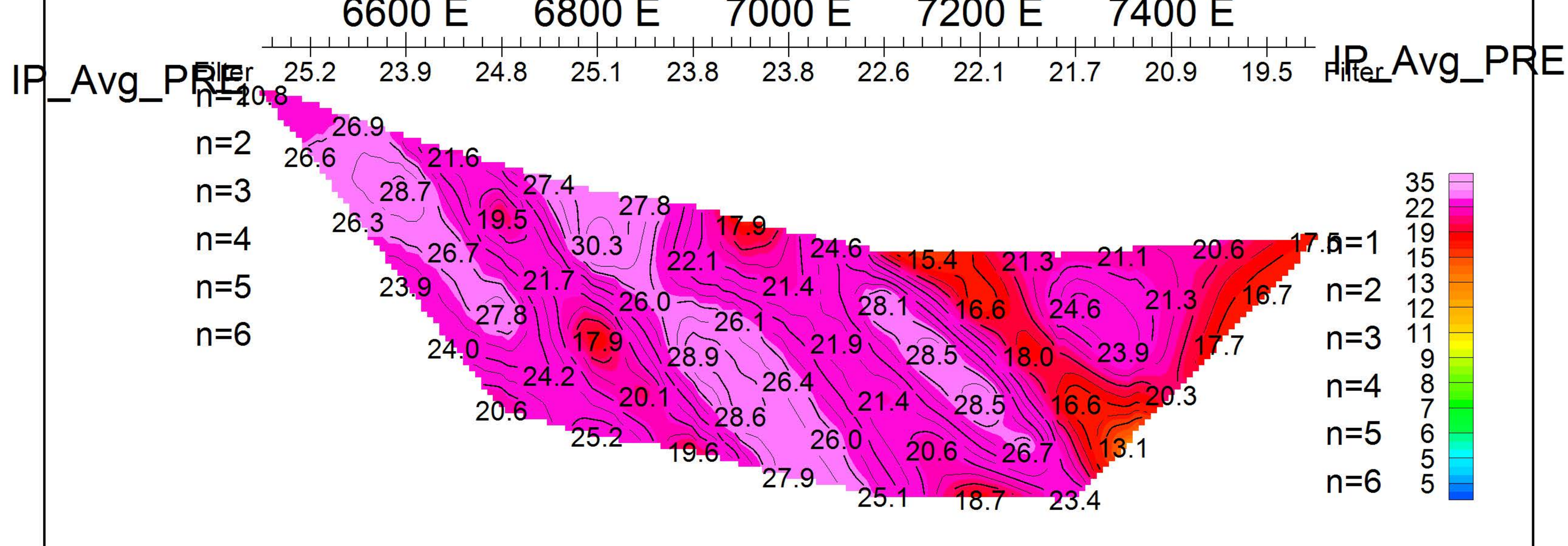


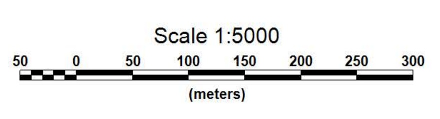
RED LION - 2015IP A100 - Line 5600N

CHARGEABILITY: Measured/Inversion/Predicted









Garibaldi Resources Corp.

INDUCED POLARIZATION SURVEY

Red Lion Property, BC

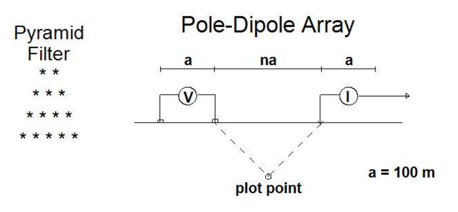
2015 Induced Polarization Survey

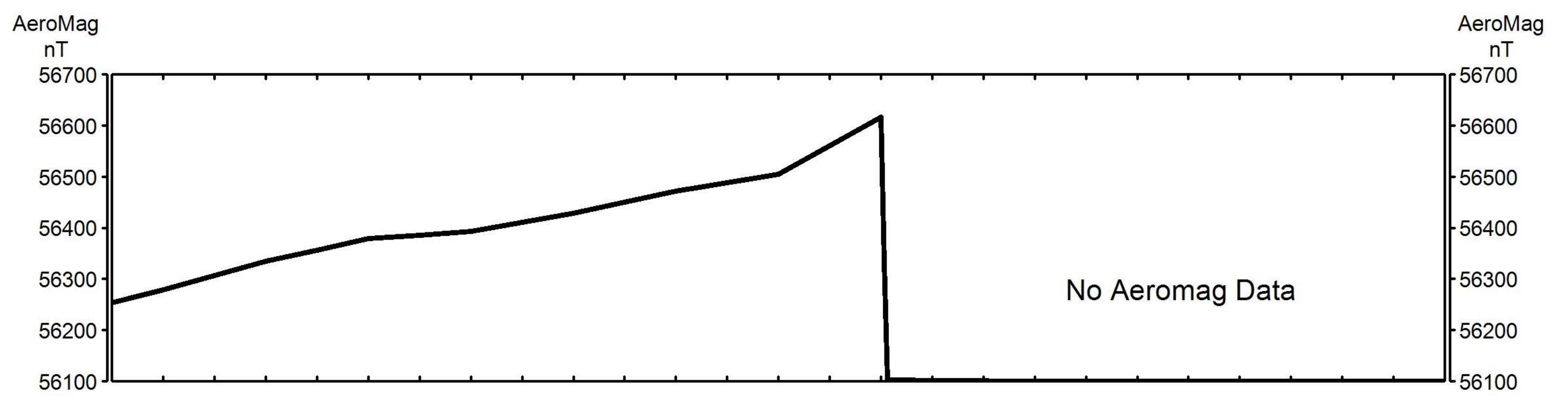
Date: 13/10/2015

Interpretation: Pseudos/Inversions/Predicted

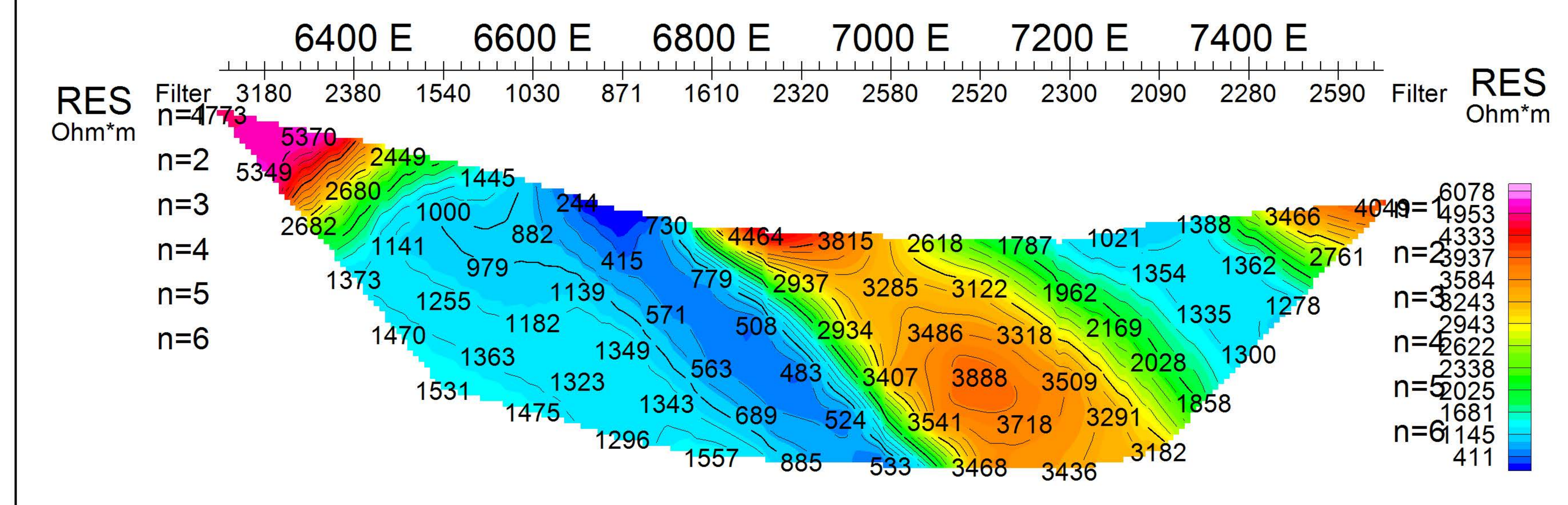
Scott Geophysics Ltd.

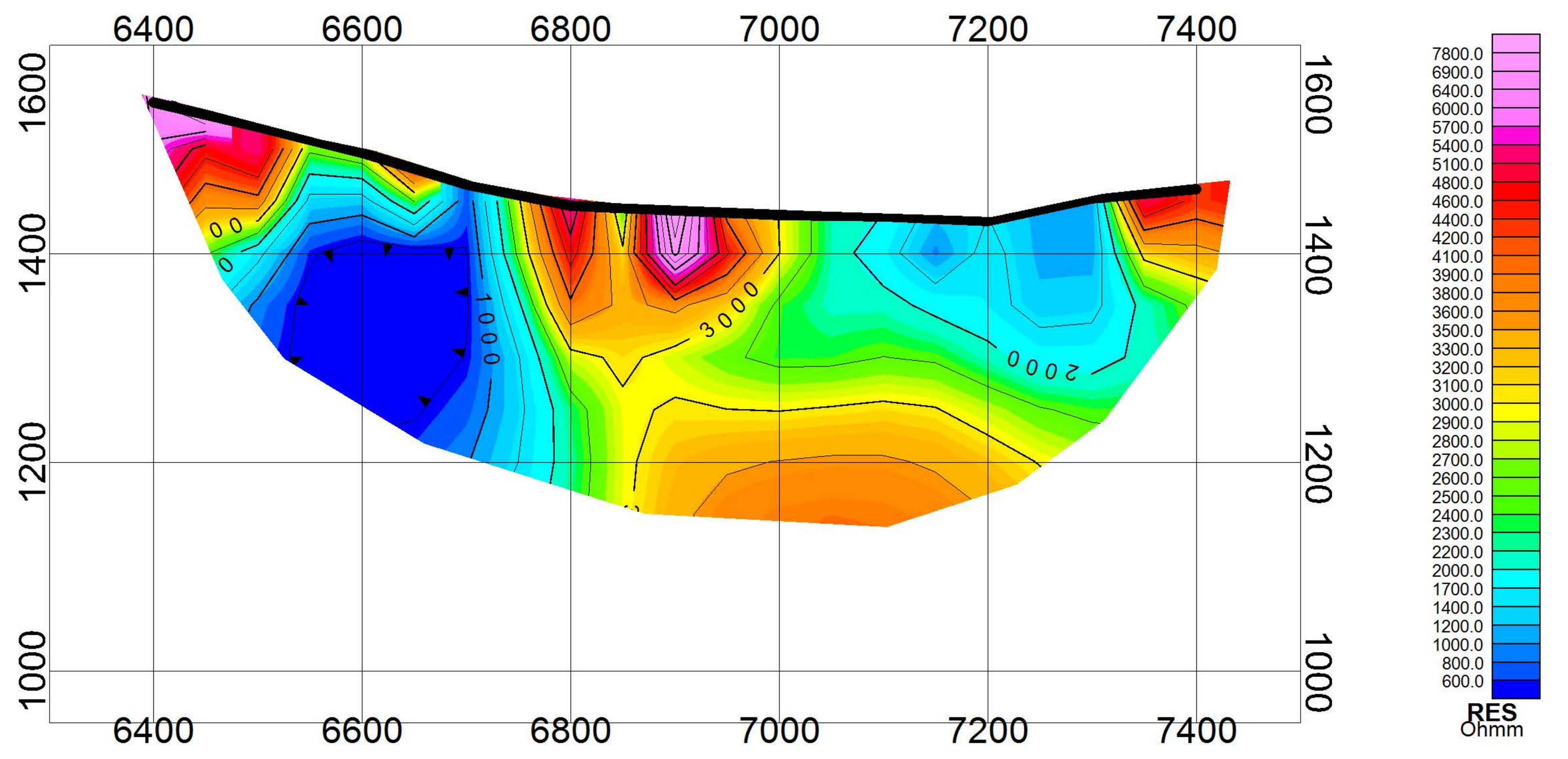
Pseudo Section Plot
6200 N

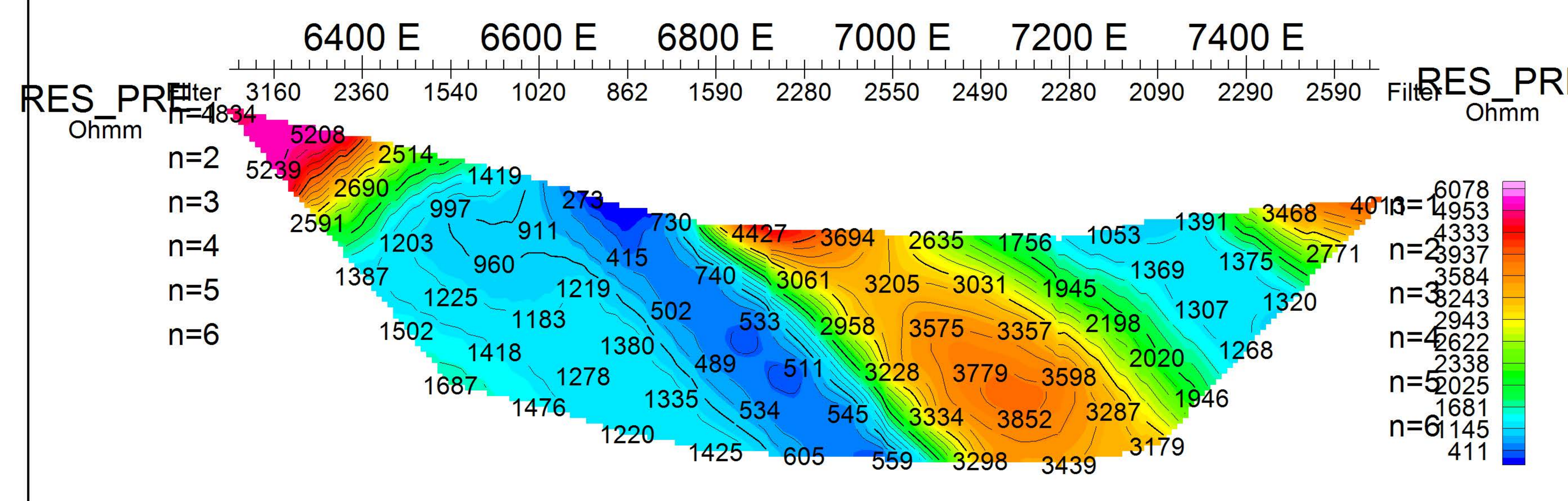




RESISTIVITY: Measured/Inversion/Predicted

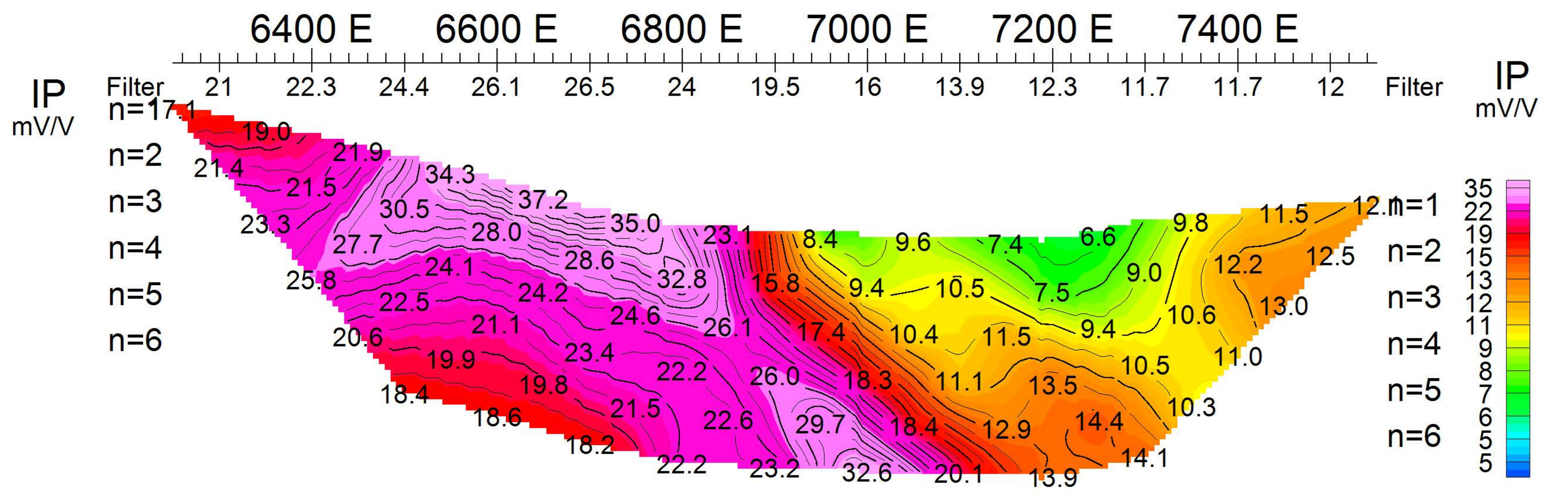


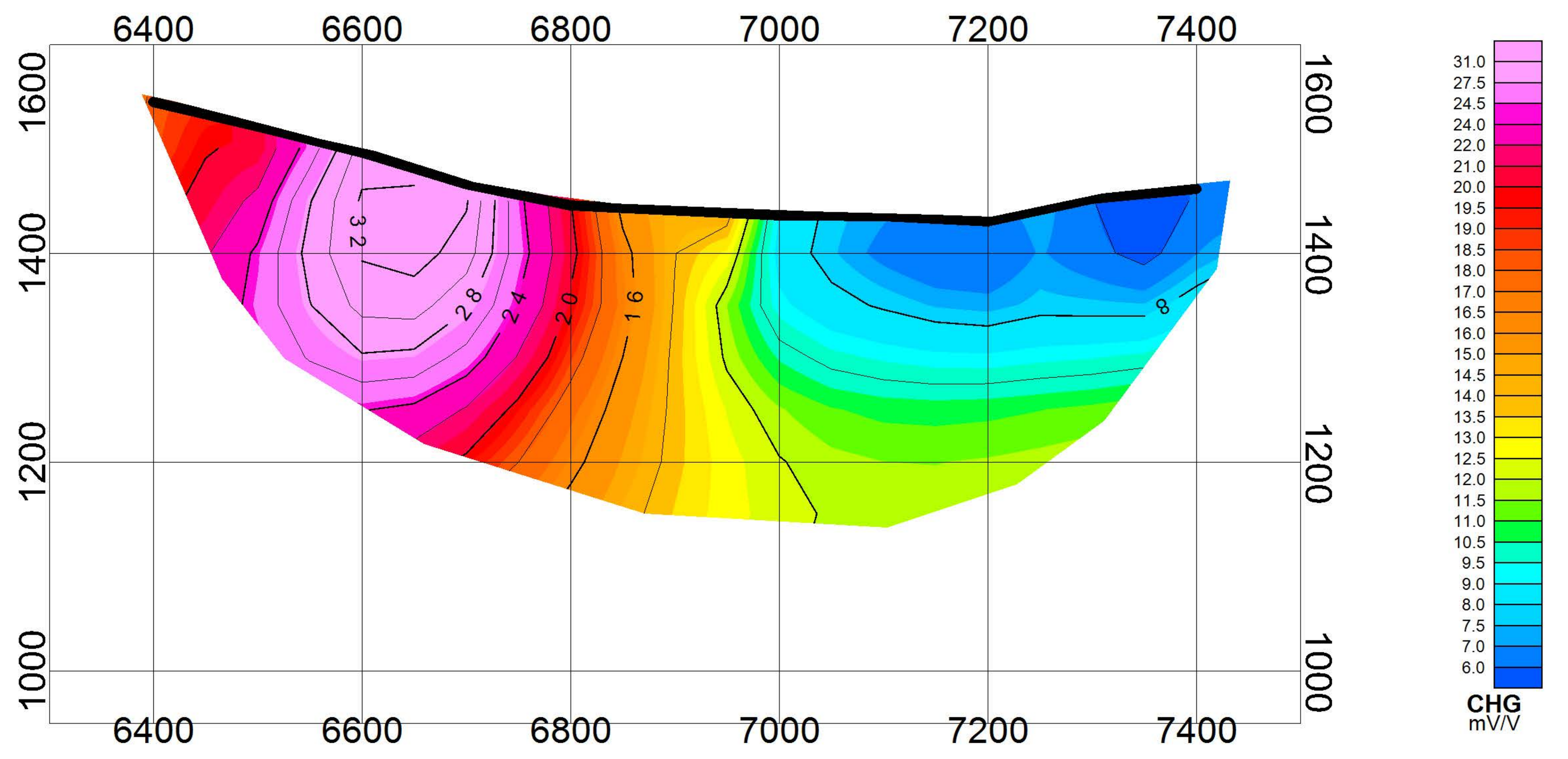


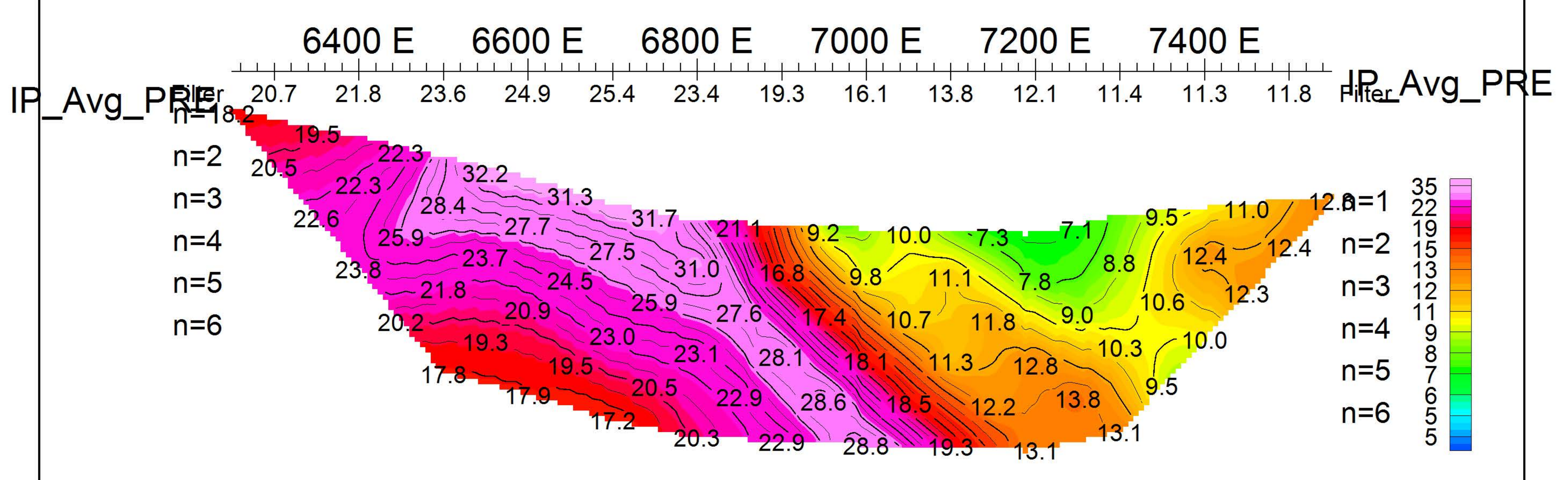


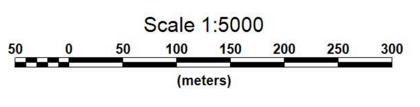
RED LION - 2015IP A100 - Line 6200N

CHARGEABILITY: Measured/Inversion/Predicted





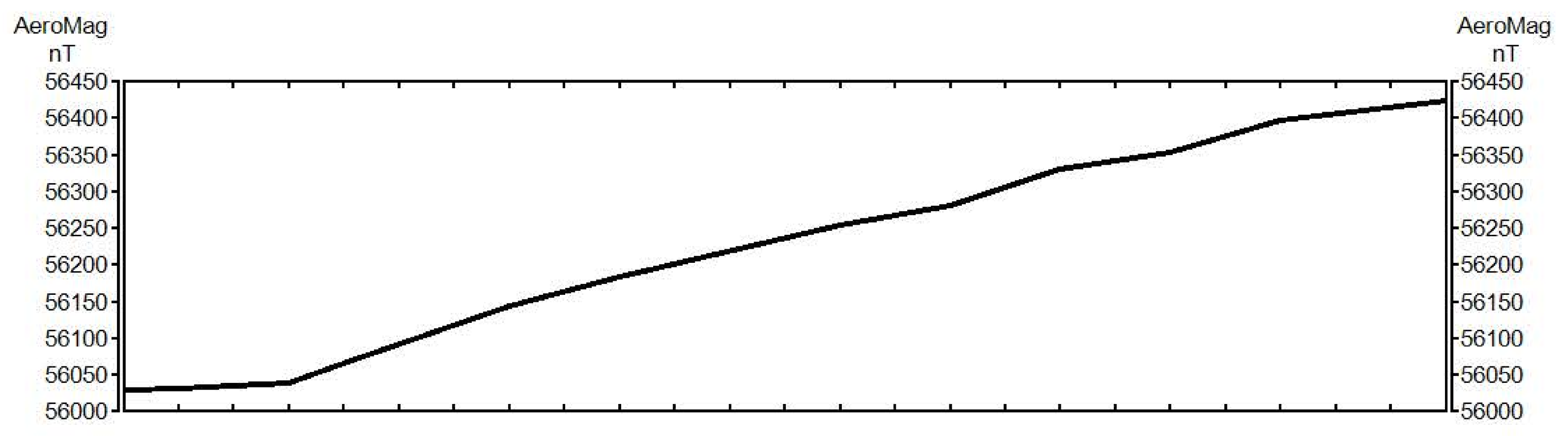




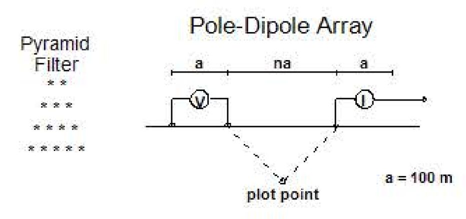
Garibaldi Resources Corp.
INDUCED POLARIZATION SURVEY
Red Lion Property, BC
2015 Induced Polarization Survey
Date: 13/10/2015
Interpretation: Pseudos/Inversions/Predicted
Scott Geophysics Ltd.

Geosoft Software for the Earth Sciences

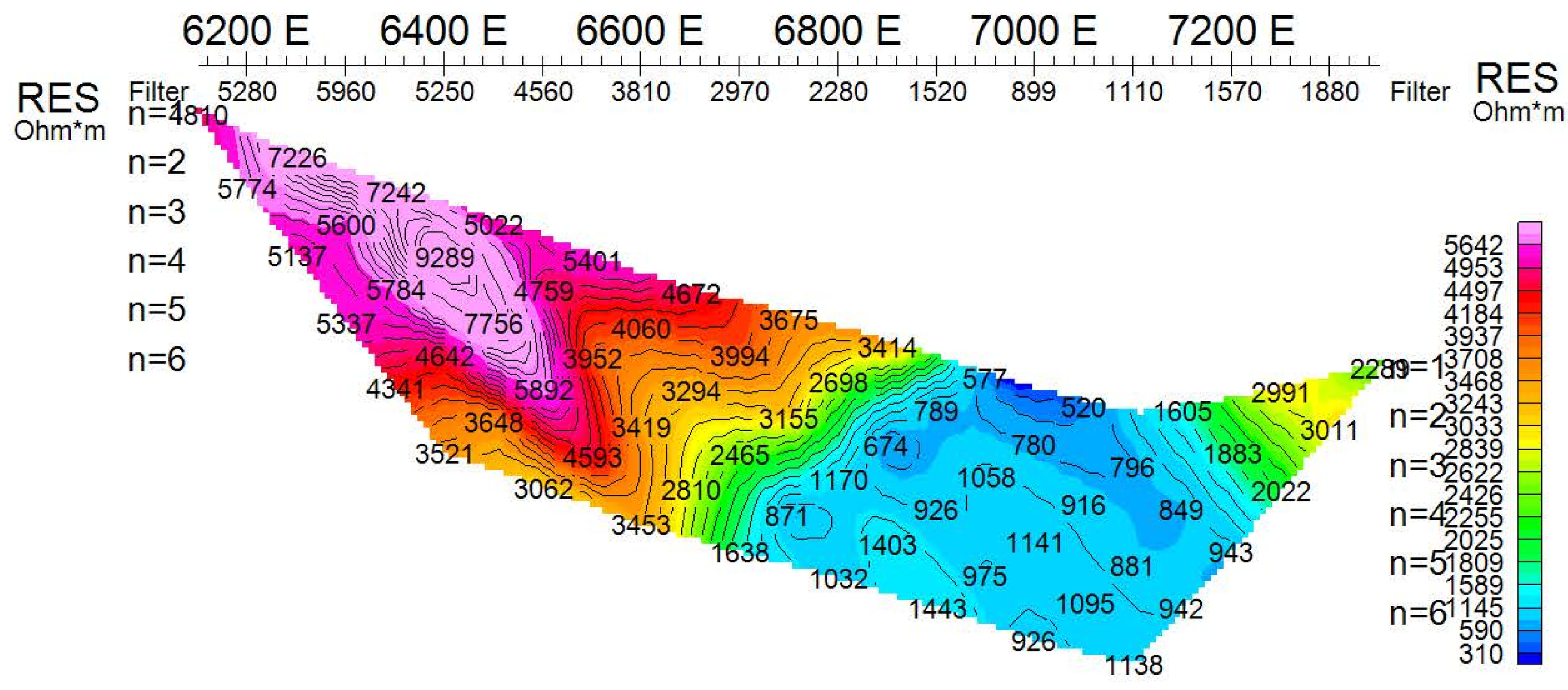
Pseudo Section Plot
6800 N
Pole-Dipole Array
RESISTIVITY:
Measured/Inversion/Predicted
RED LION - 2015IP
A100 - Line 6800N
CHARGEABILITY:
Measured/Inversion/Predicted
Scale 1:5000
(meters)
Garibaldi Resources Corp.
Red Lion Property, BC
2015 Induced Polarization Survey
Pseudos/Inversions/Predicted
Date: 12/10/2015
Interpretation: .
Scott Geophysics Ltd.
Geosoft Software for the Earth Sciences

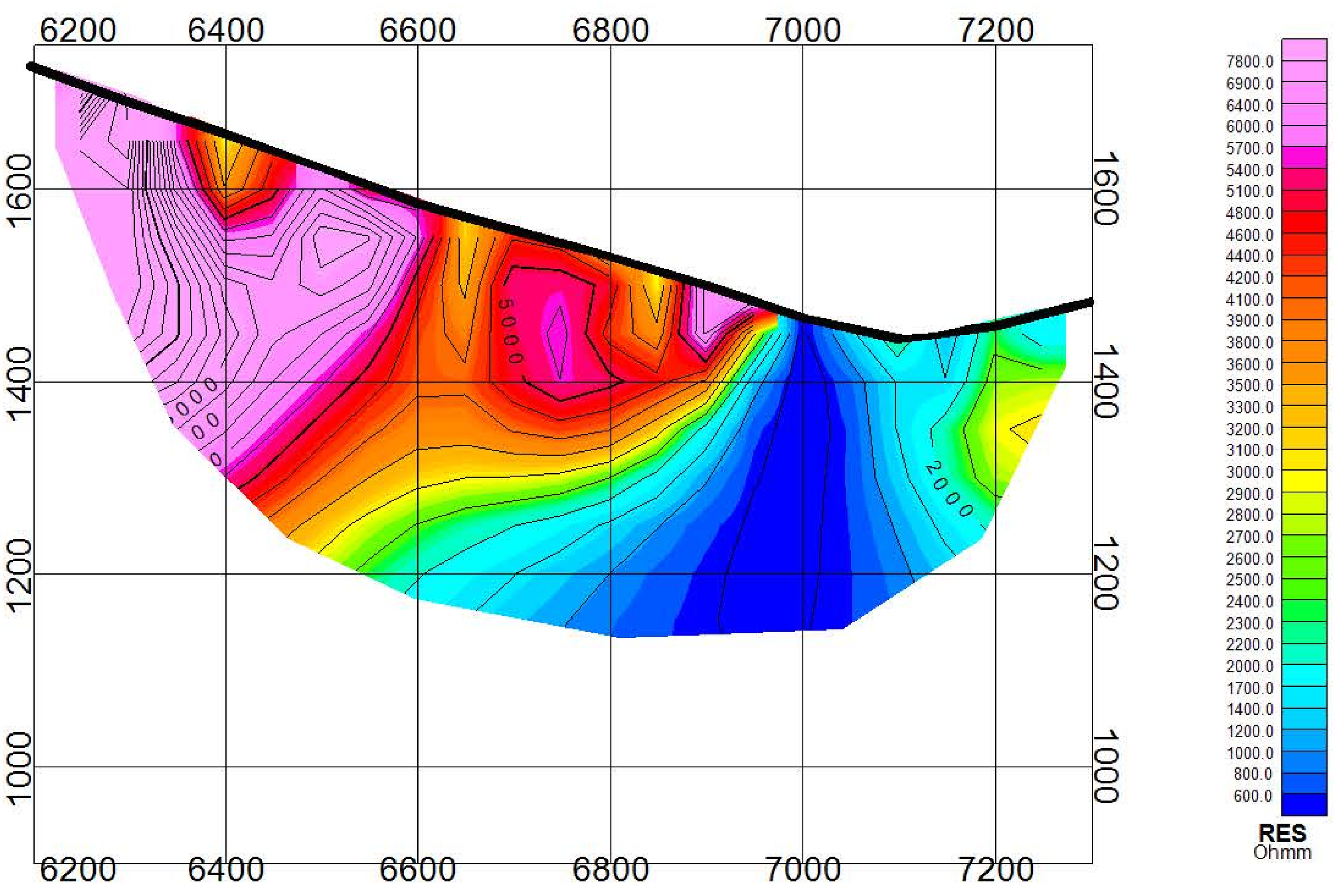


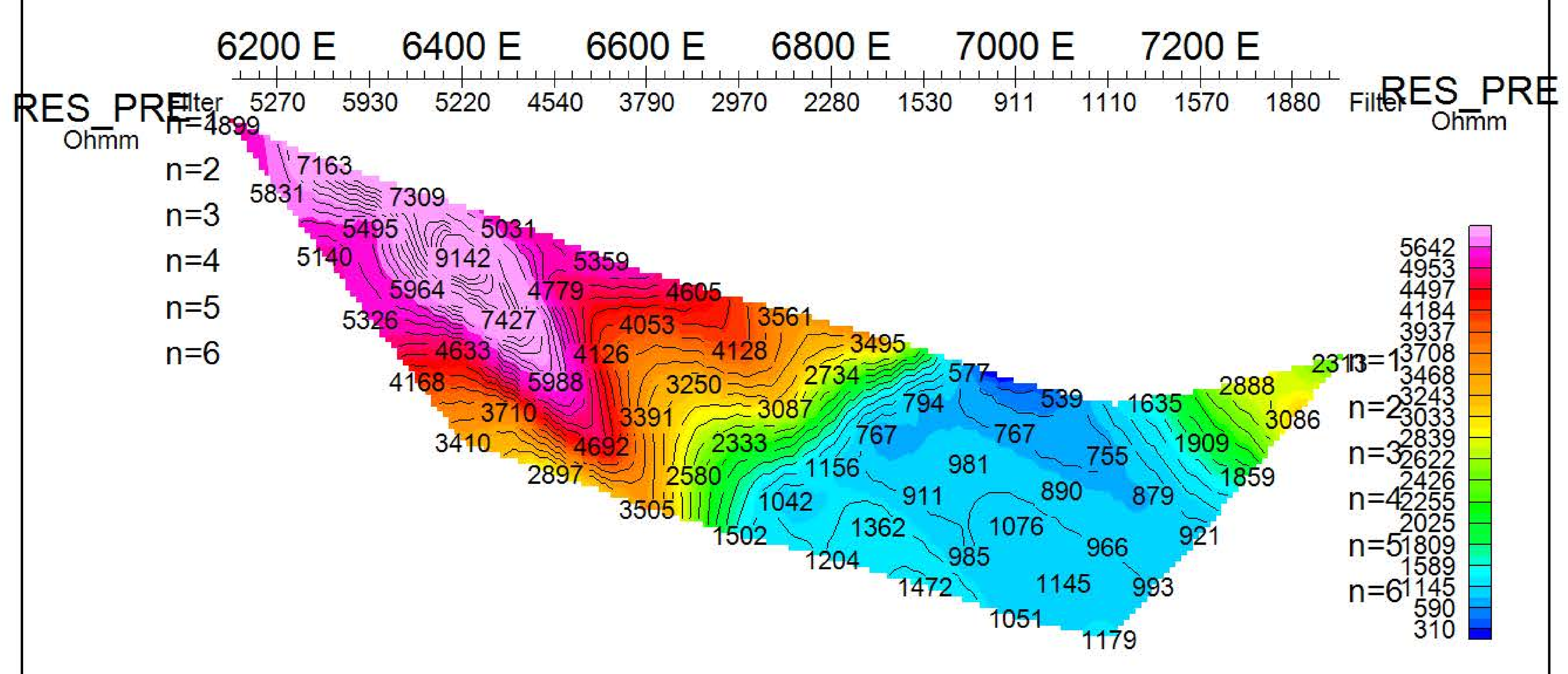
Pseudo Section Plot
7400 NB



RESISTIVITY: Measured/Inversion/Predicted

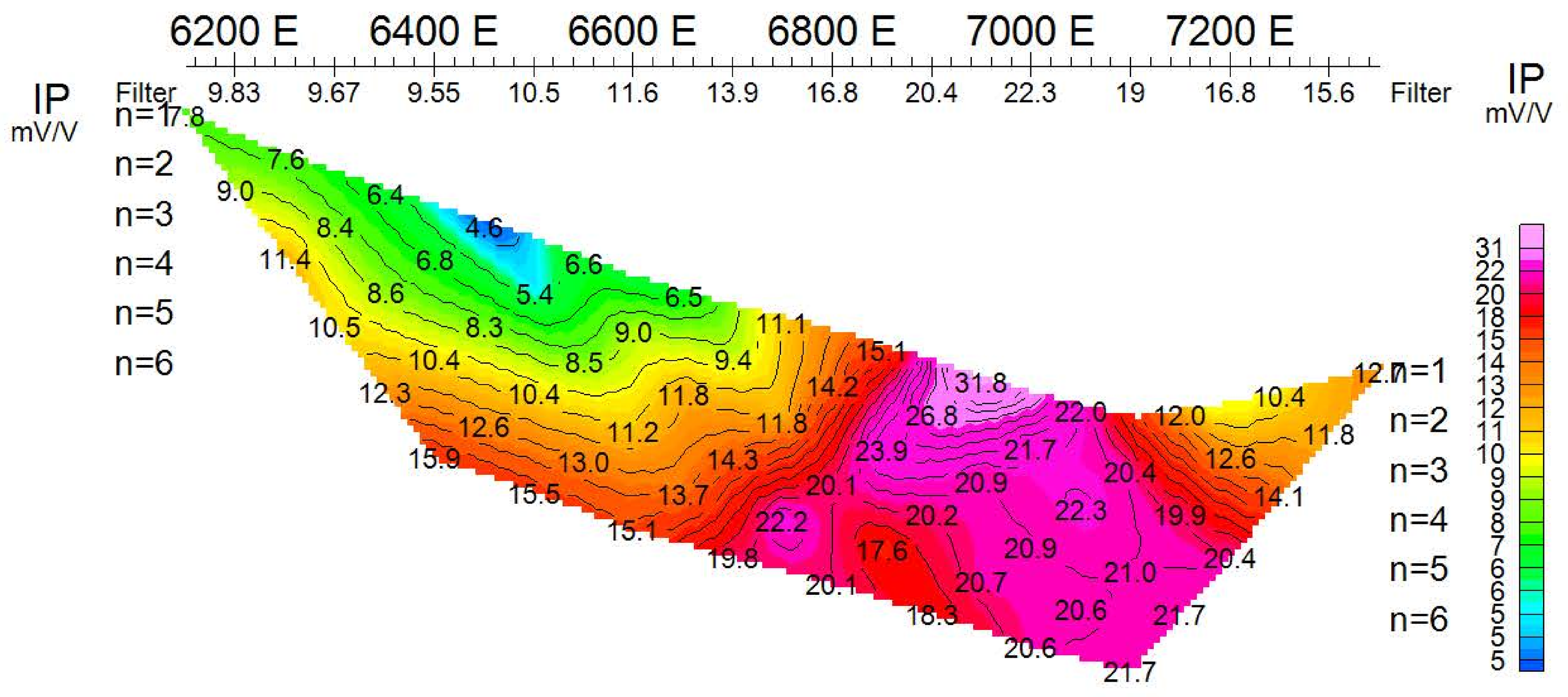


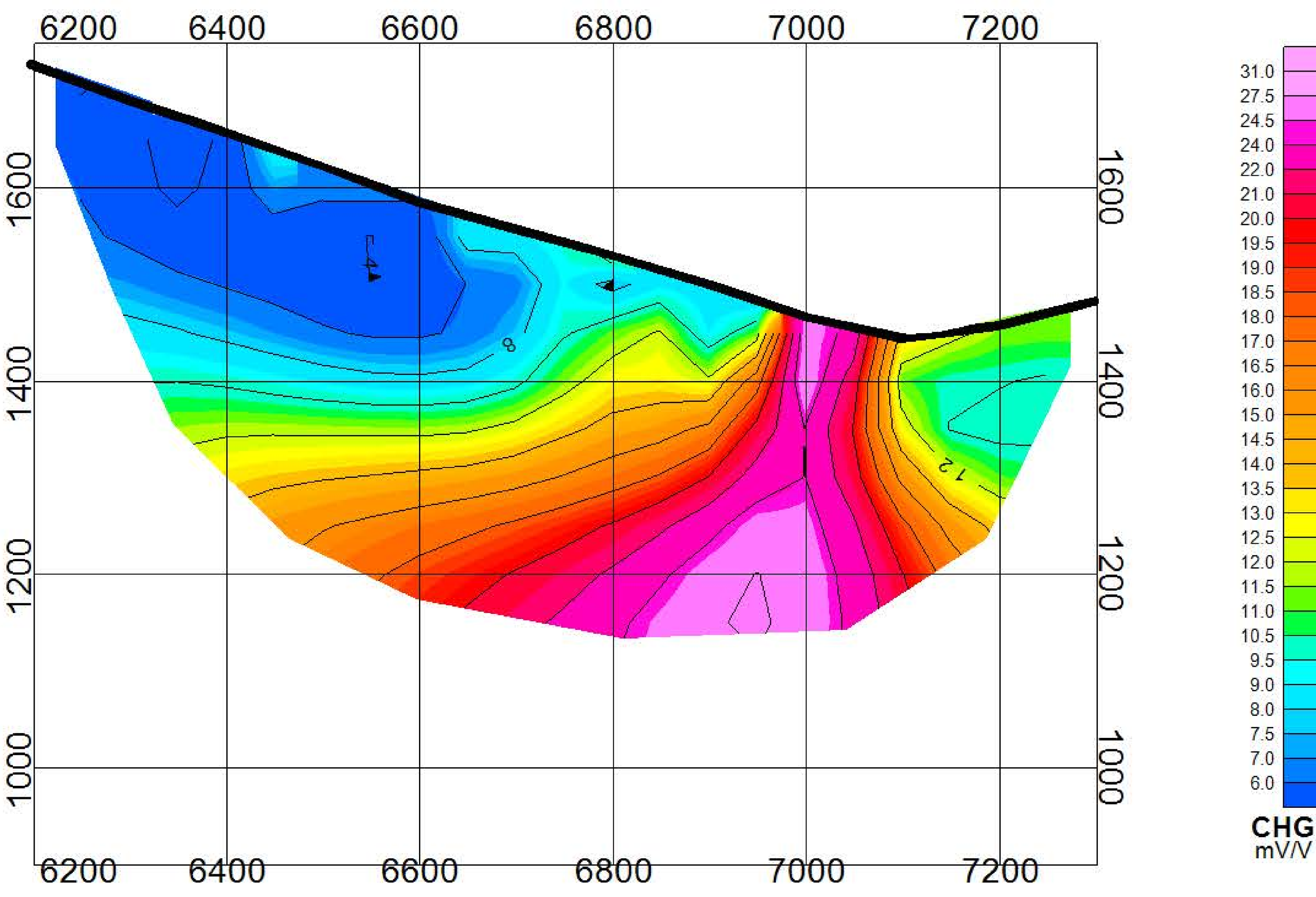


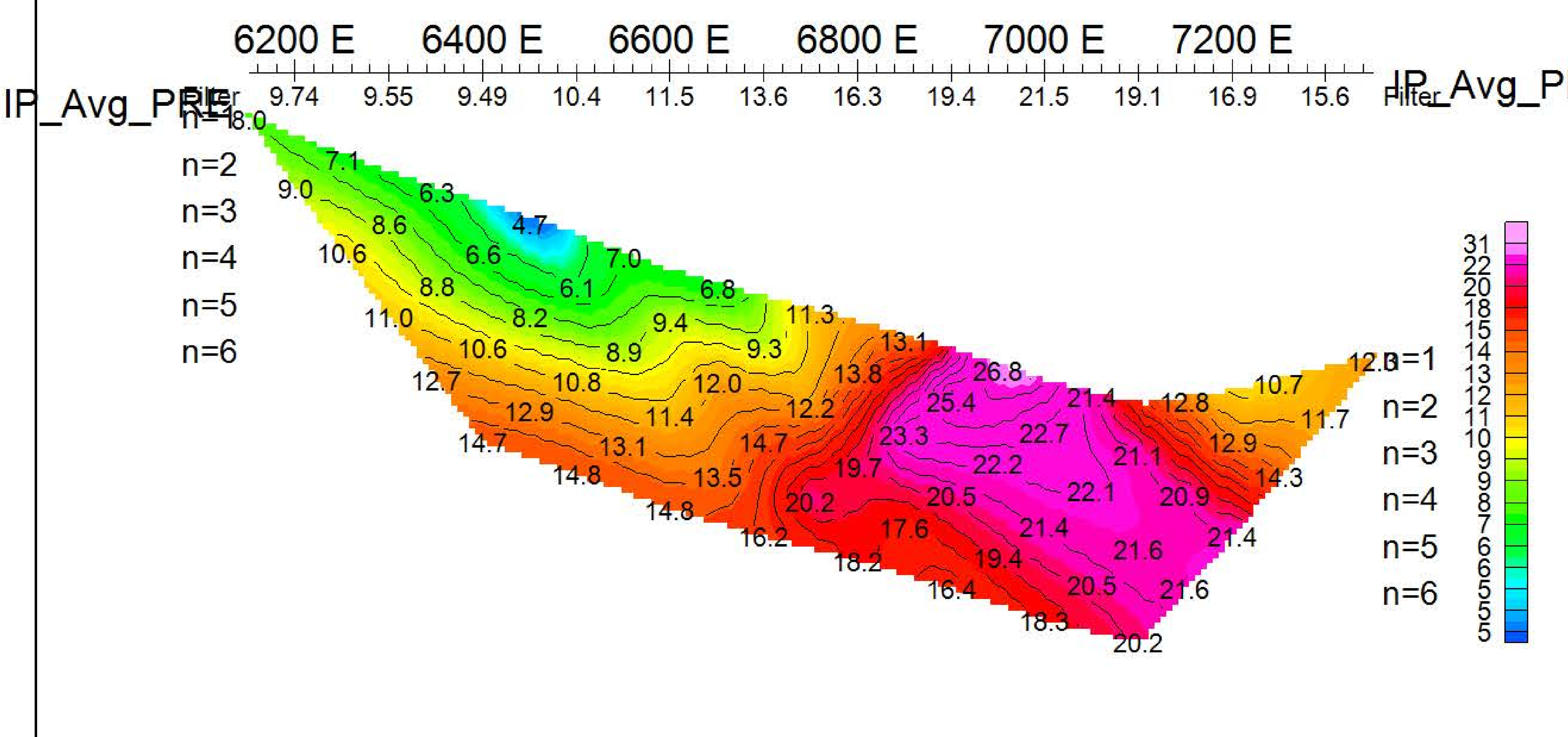


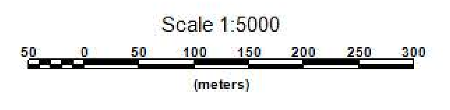
RED LION - 2015IP
A100 - Line 7400NB

CHARGEABILITY: Measured/Inversion/Predicted





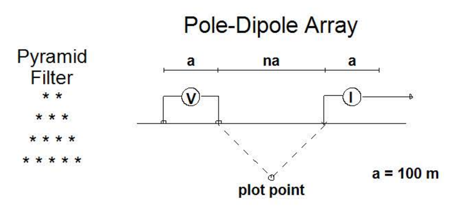


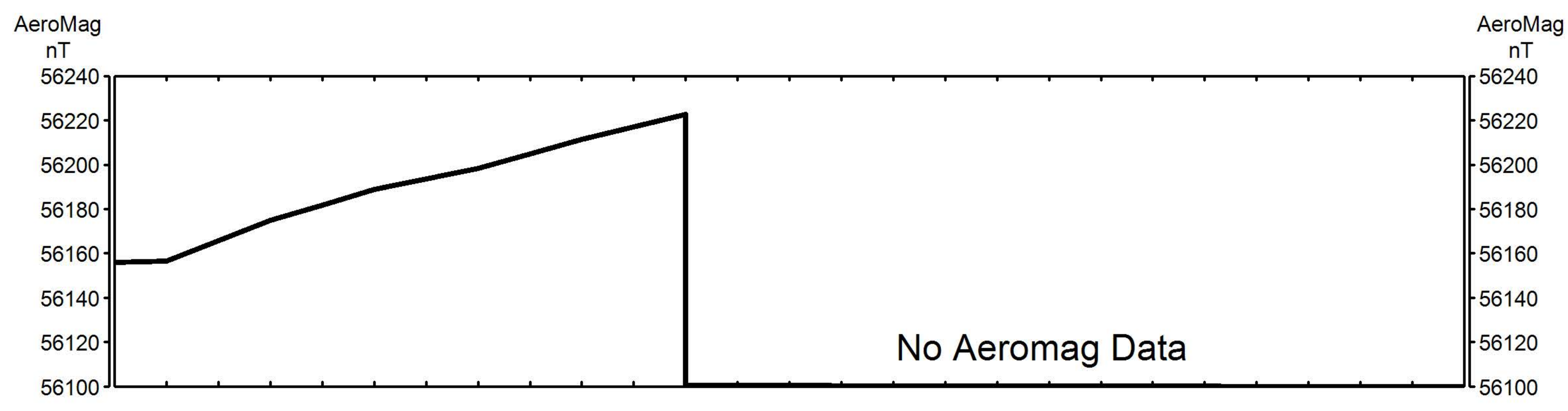


Garibaldi Resources Corp.
INDUCED POLARIZATION SURVEY
Red Lion Property, BC
2015 Induced Polarization Survey
Date: 13/10/2015
Interpretation: Pseudos/Inversions/Predicted
Scott Geophysics Ltd.

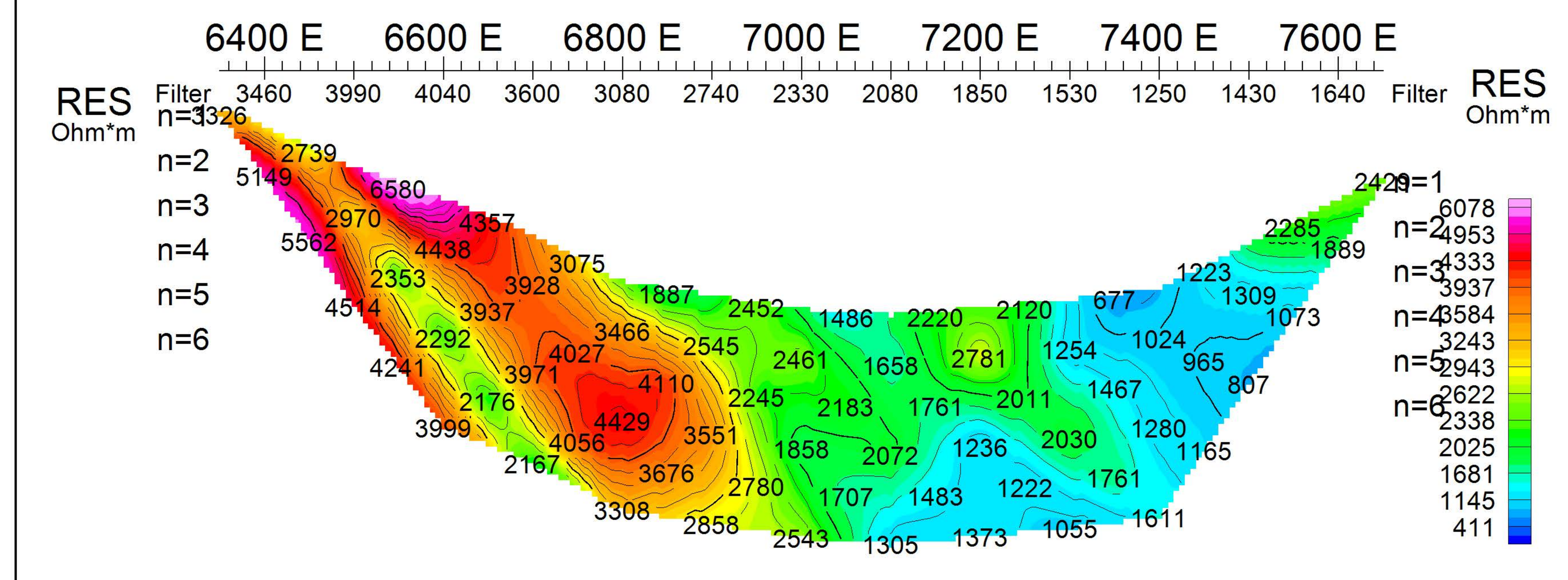
Geosoft Software for the Earth Sciences

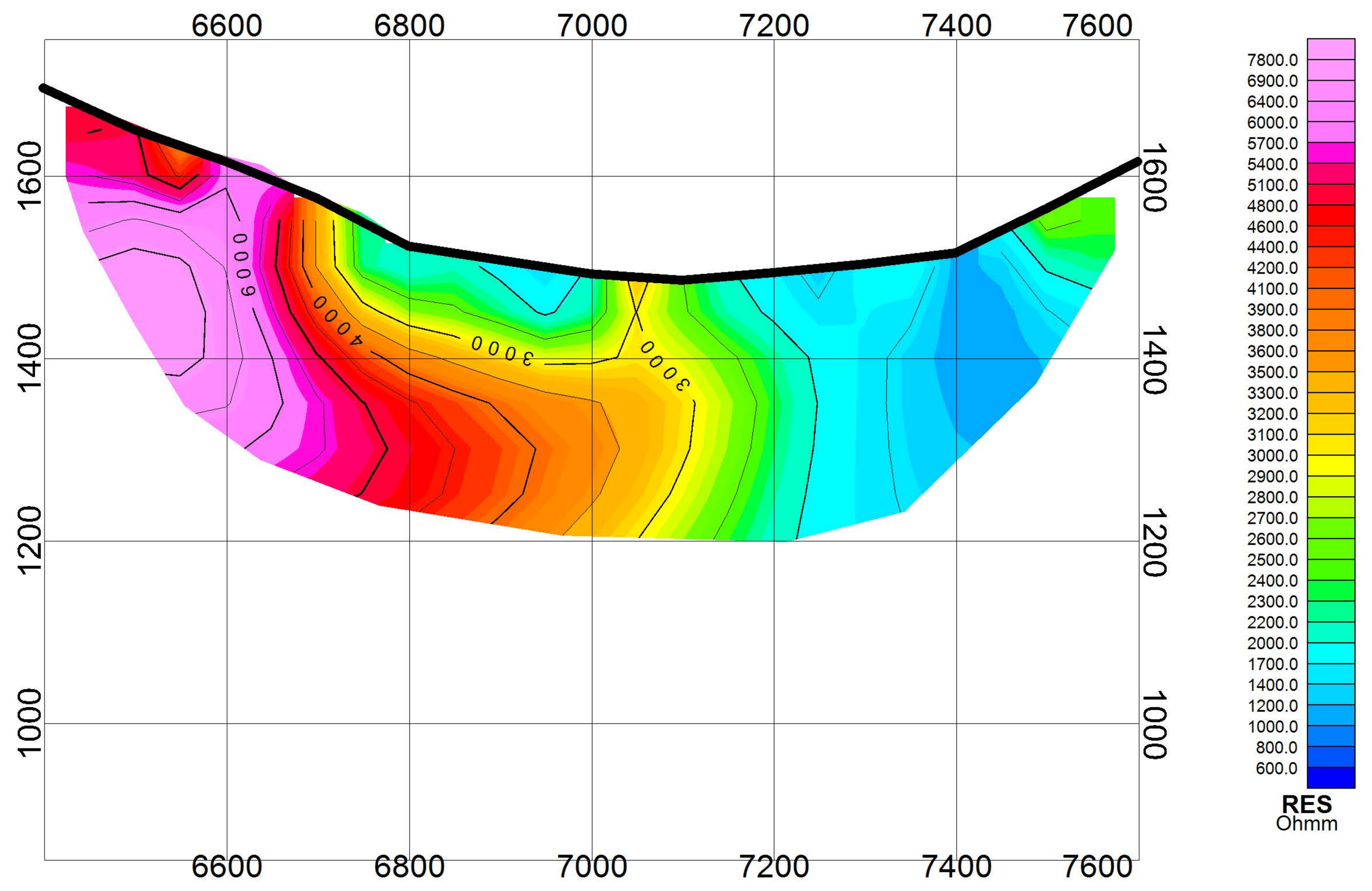
Pseudo Section Plot
8000 N

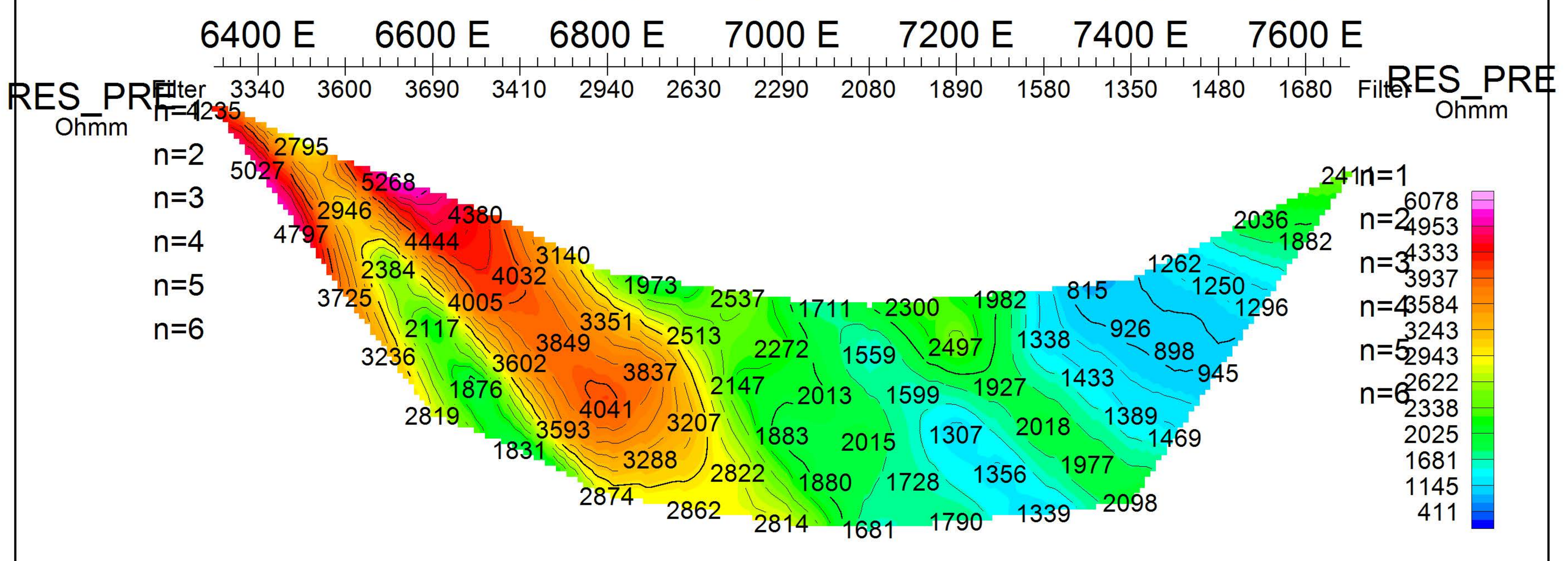




RESISTIVITY: Measured/Inversion/Predicted

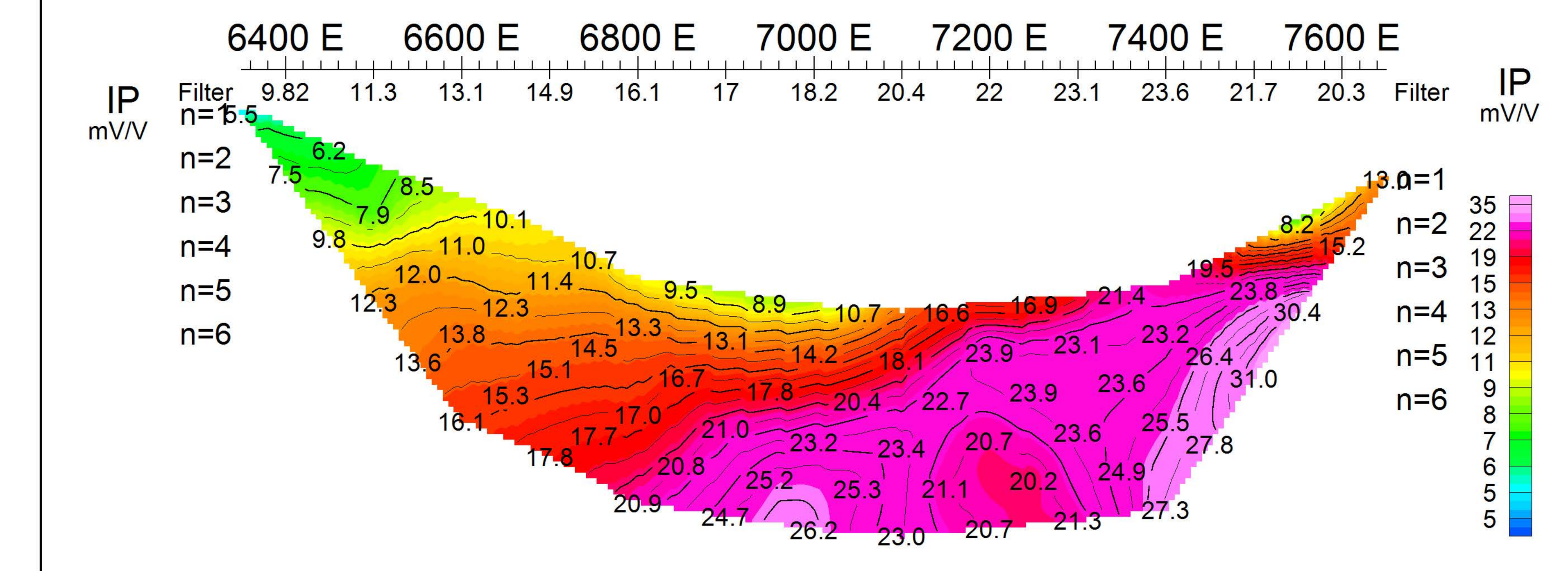


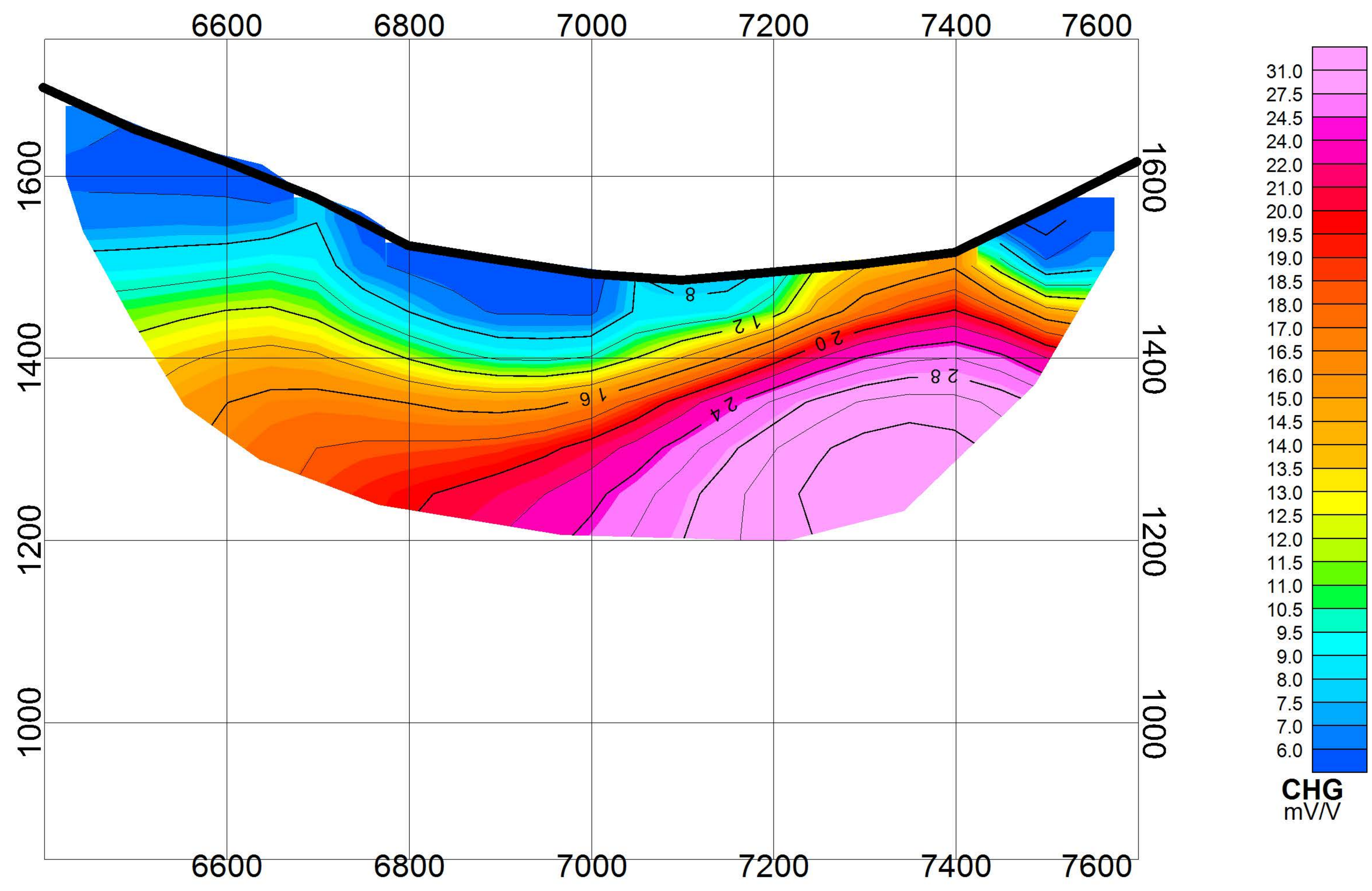


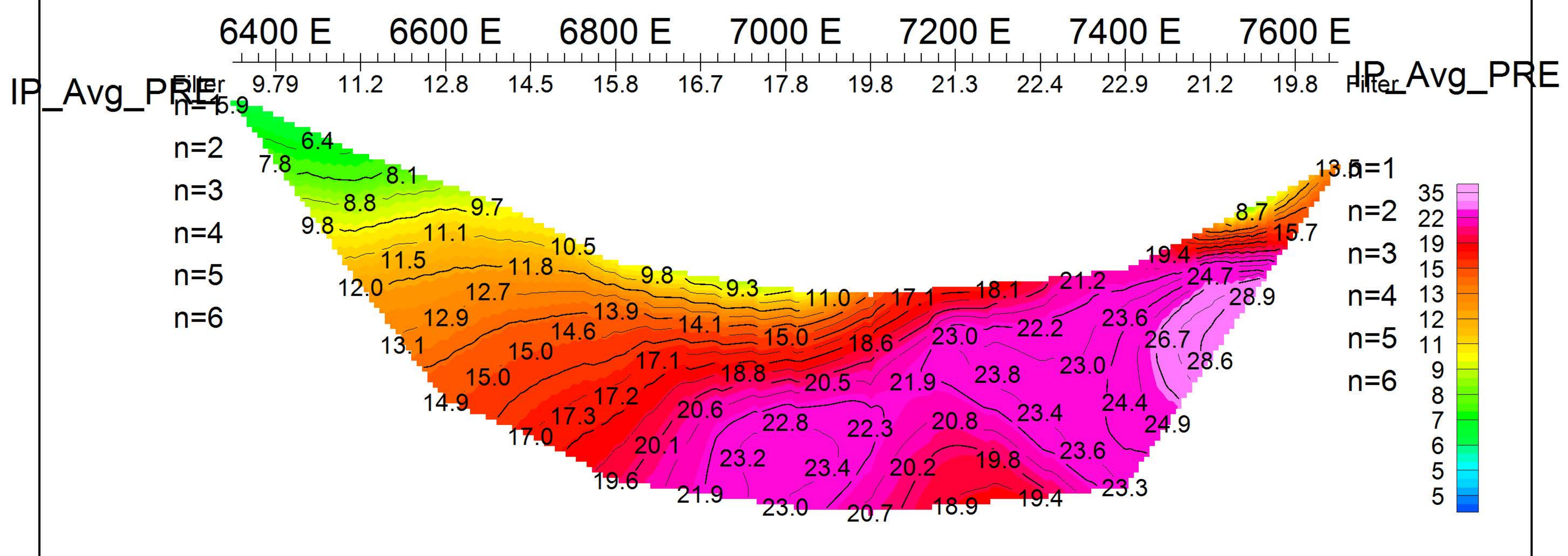


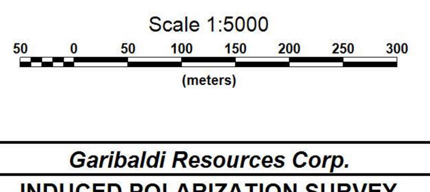
RED LION - 2015IP A100 - Line 8000NB

CHARGEABILITY: Measured/Inversion/Predicted







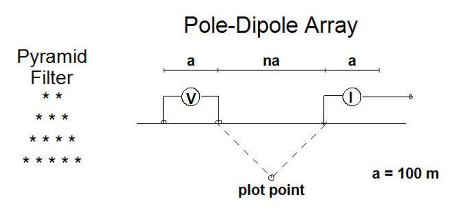


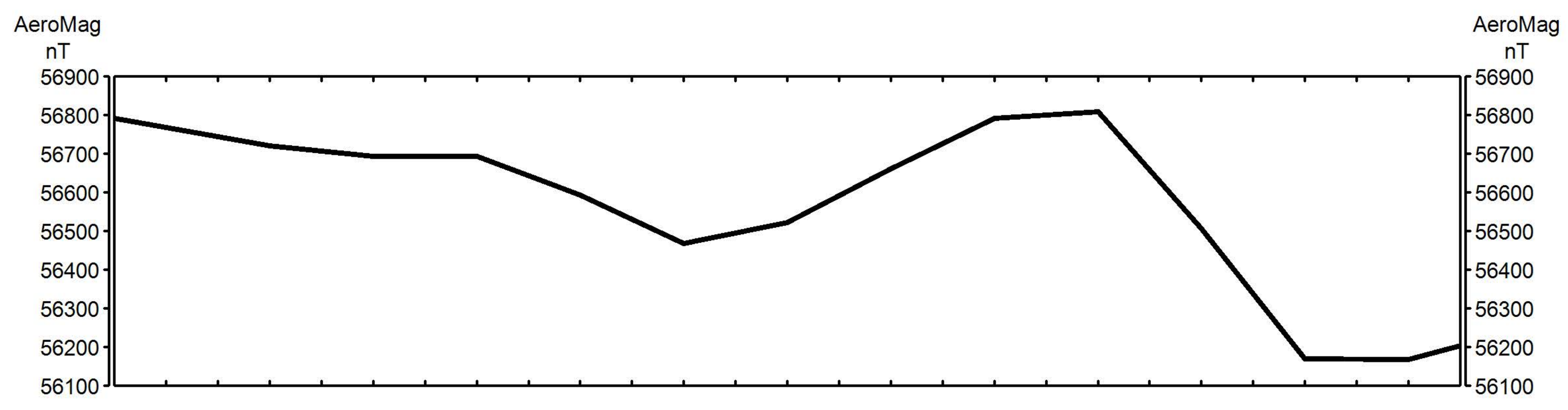
Garibaldi Resources Corp.
INDUCED POLARIZATION SURVEY
Red Lion Property, BC
2015 Induced Polarization Survey
Date: 13/10/2015
Interpretation: Pseudos/Inversions/Predicted
Scott Geophysics Ltd.

Geosoft Software for the Earth Sciences

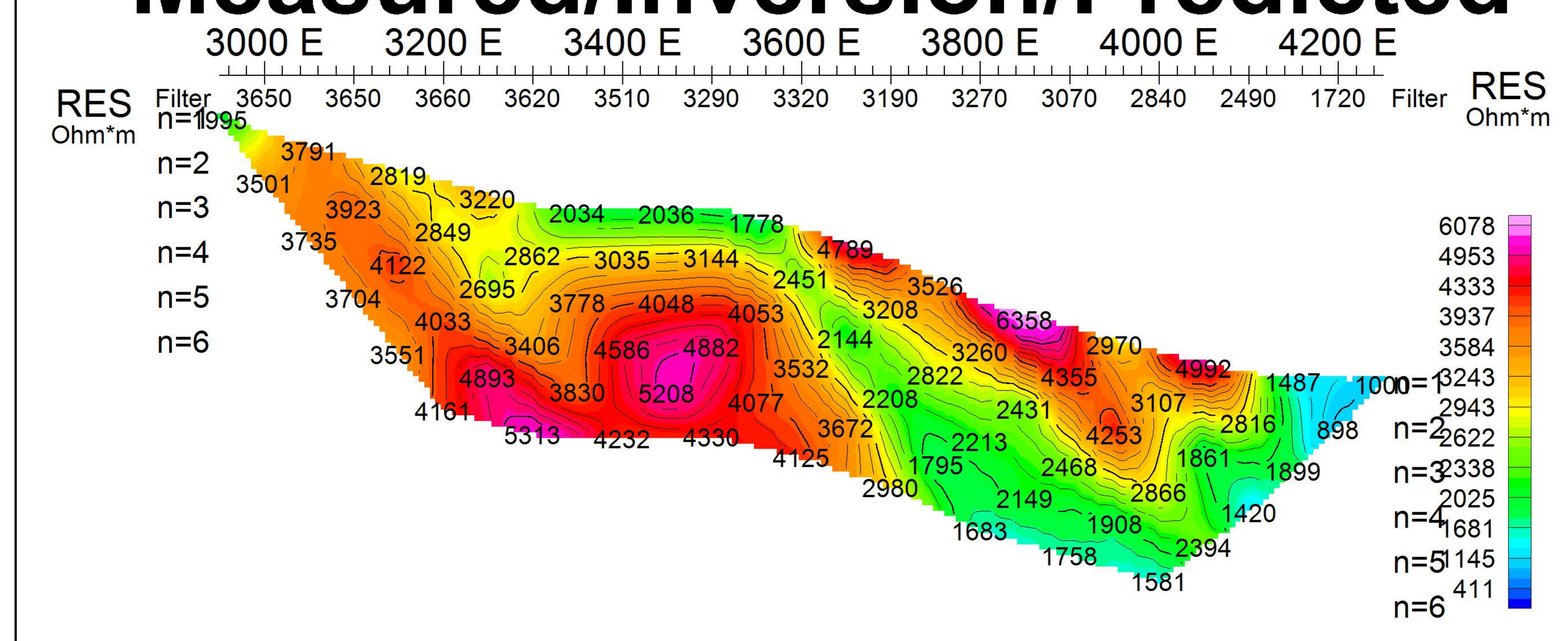
Pseudo Section Plot
10300 N

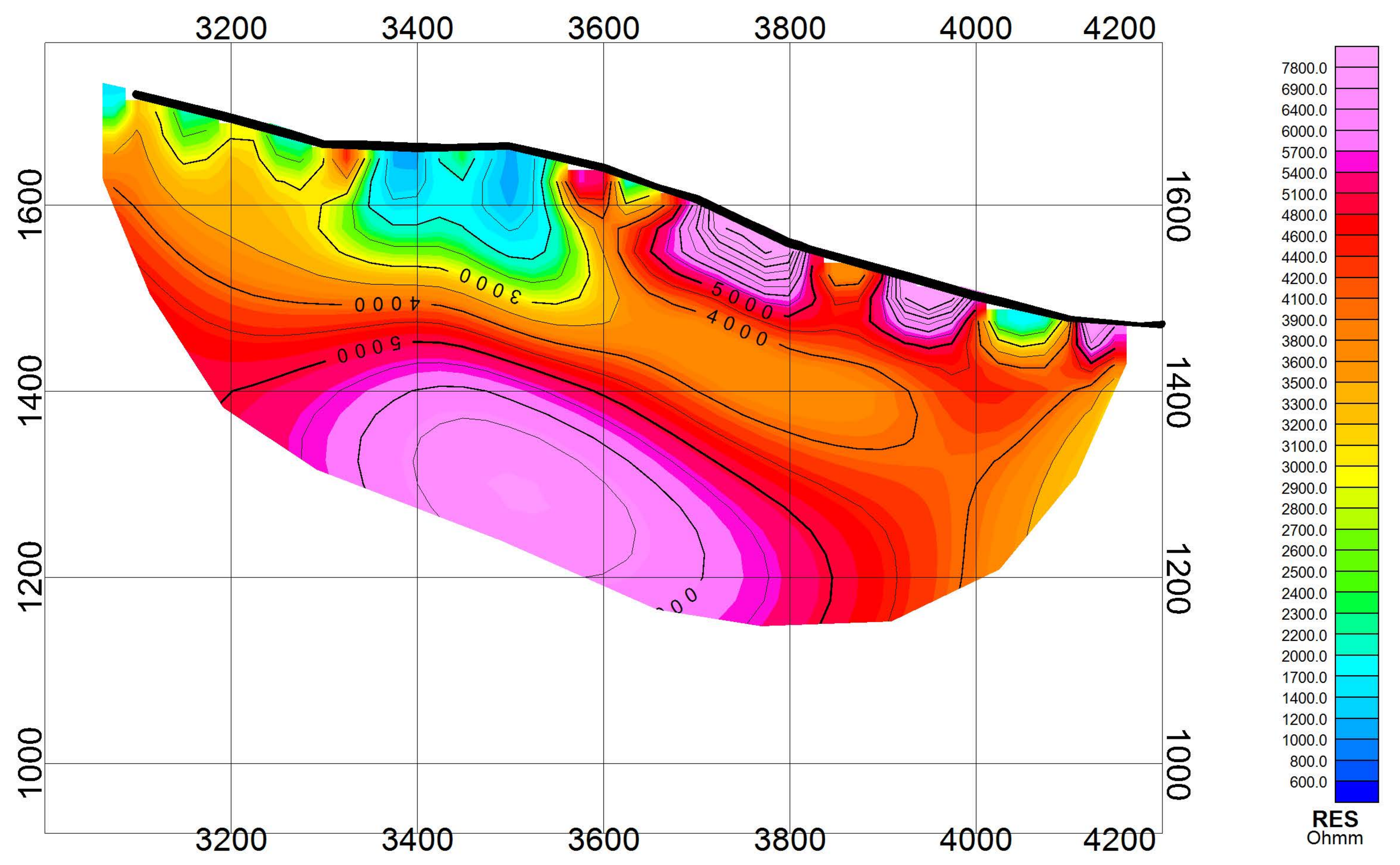
Pole-Dipole Array

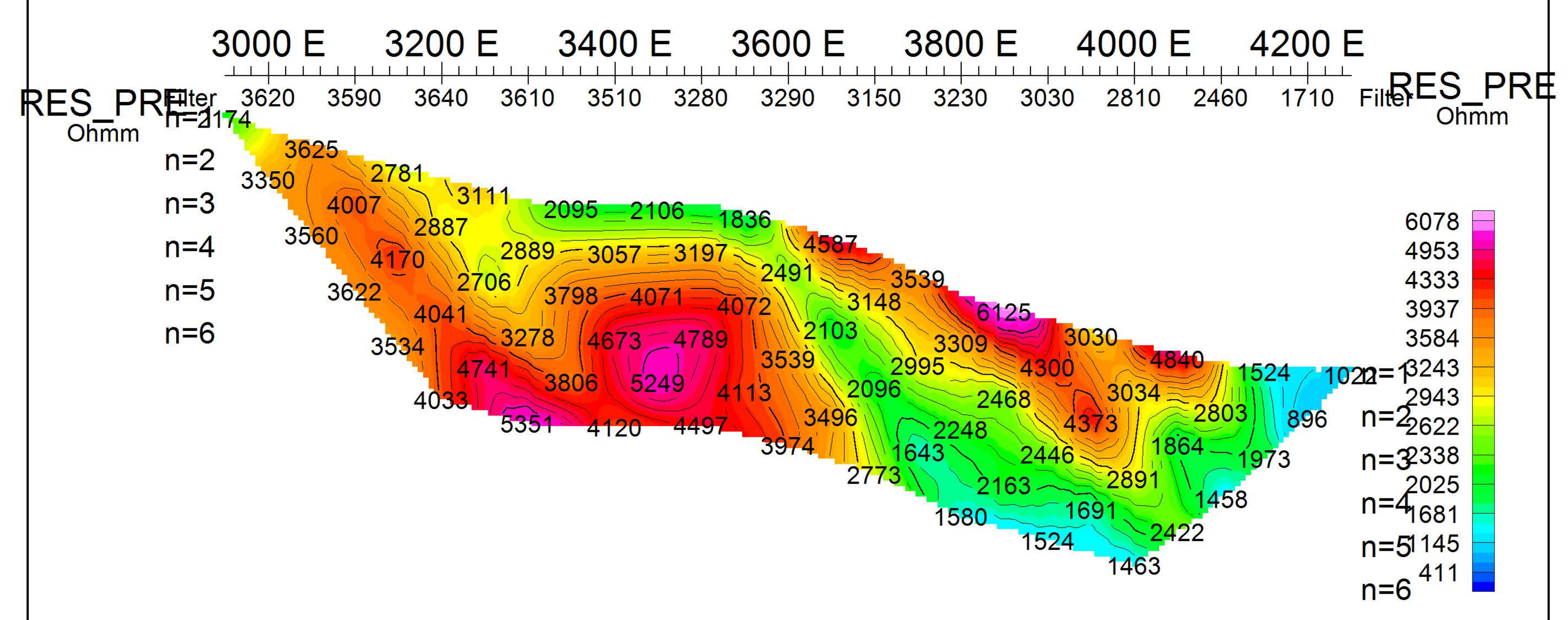




RESISTIVITY: Measured/Inversion/Predicted

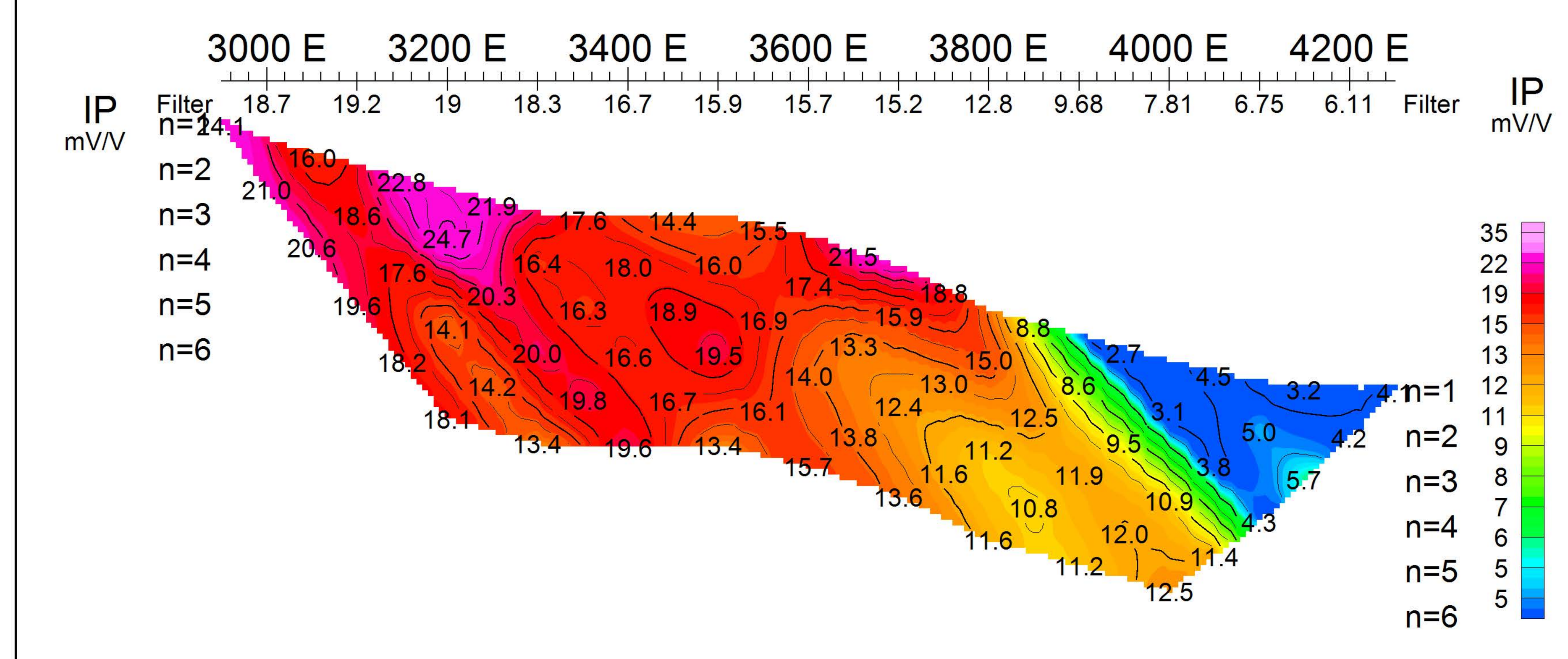


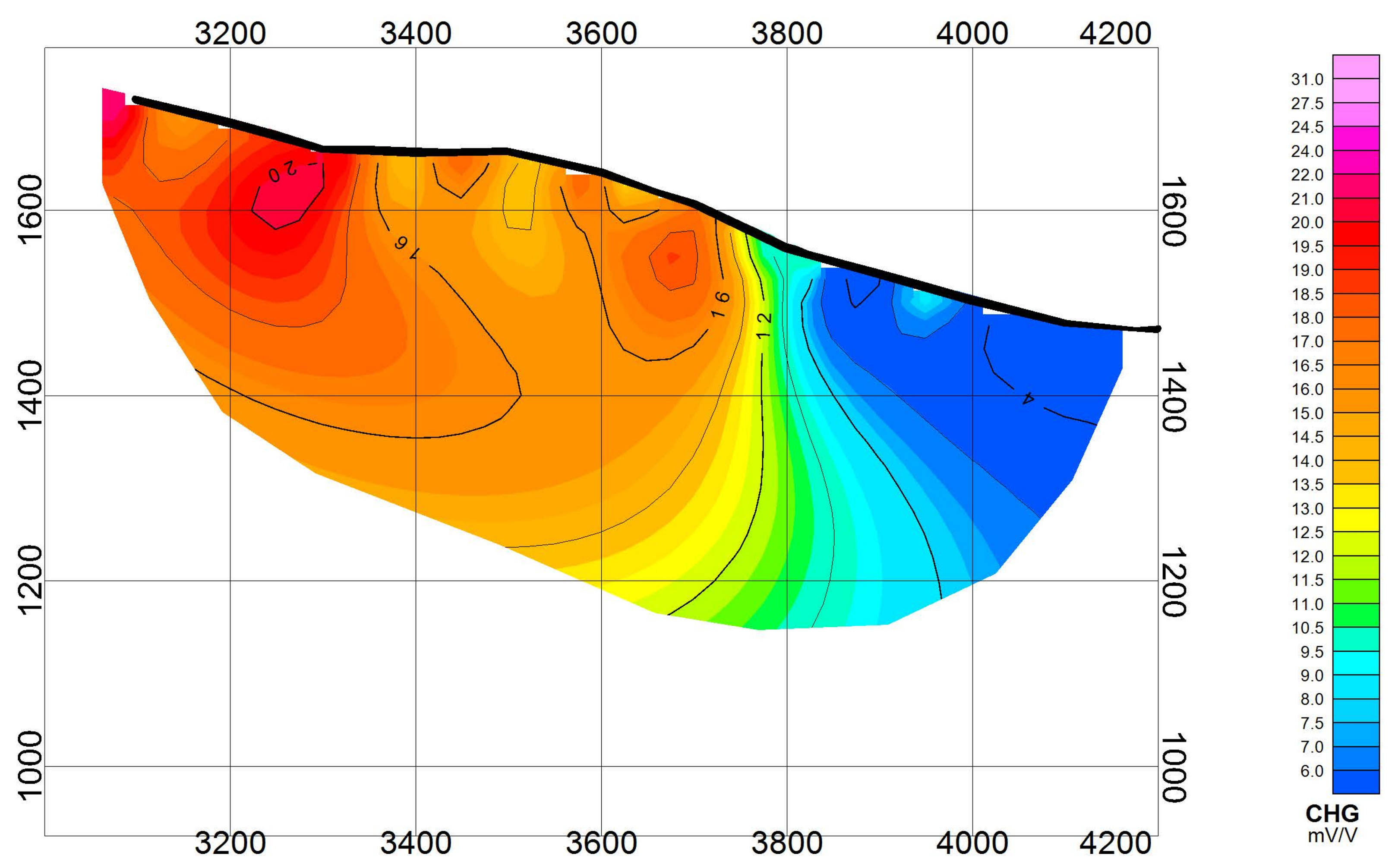


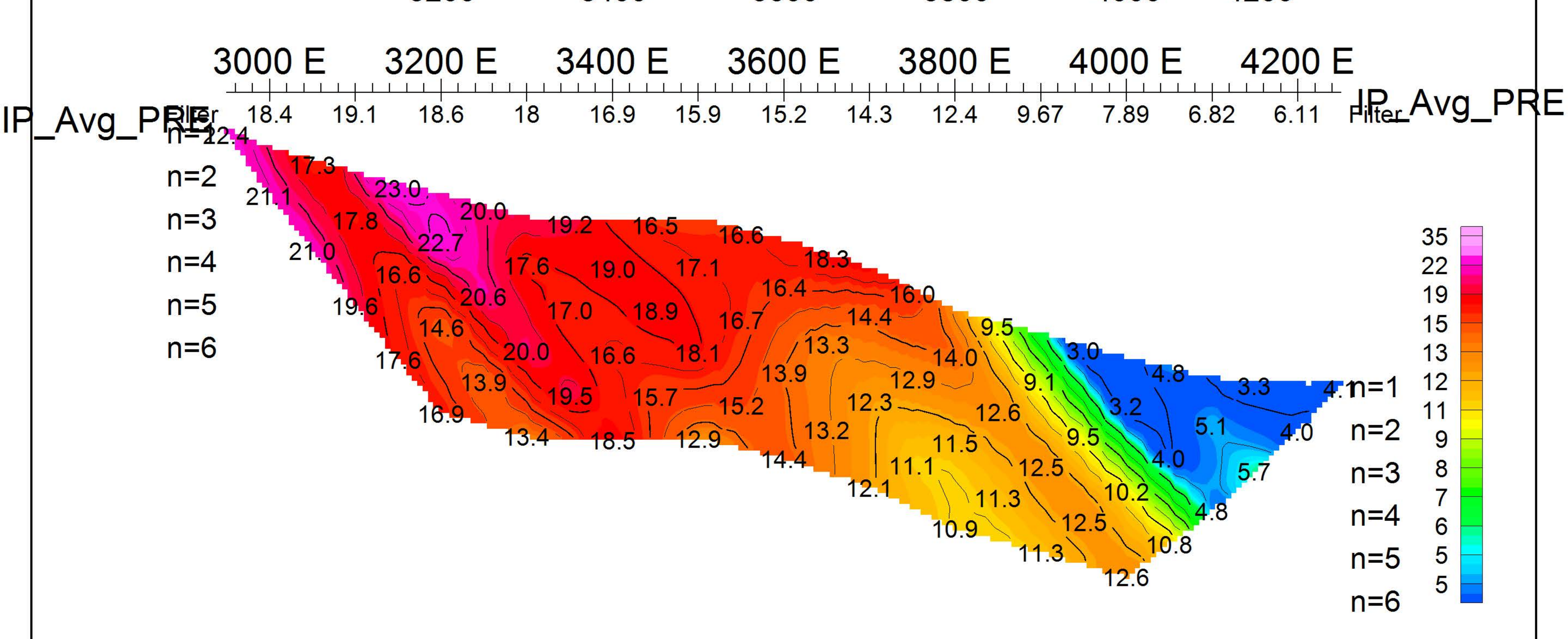


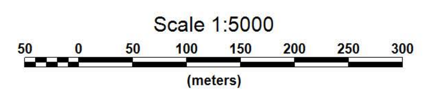
RED LION - 2015IP A100 - Line 10300N

CHARGEABILITY: Measured/Inversion/Predicted

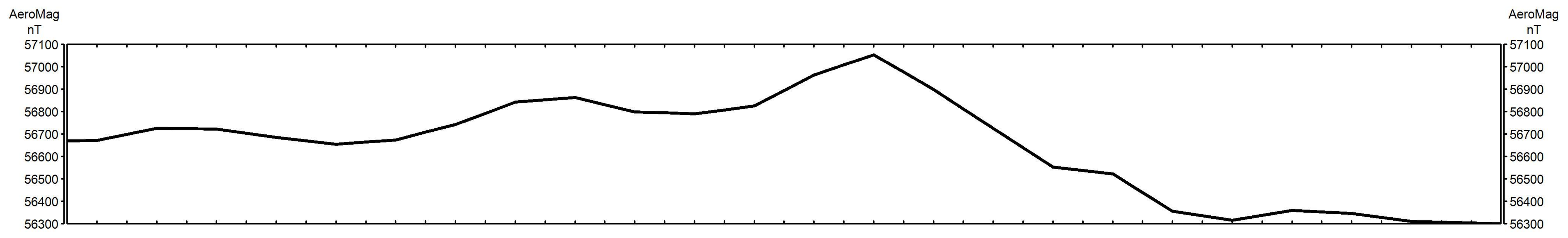






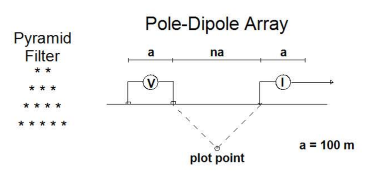


Garibaldi Resources Corp.
INDUCED POLARIZATION SURVEY
Red Lion Property, BC
2015 Induced Polarization Survey
Date: 16/10/2015
Interpretation: Pseudos/Inversions/Predicted
Scott Geophysics Ltd.

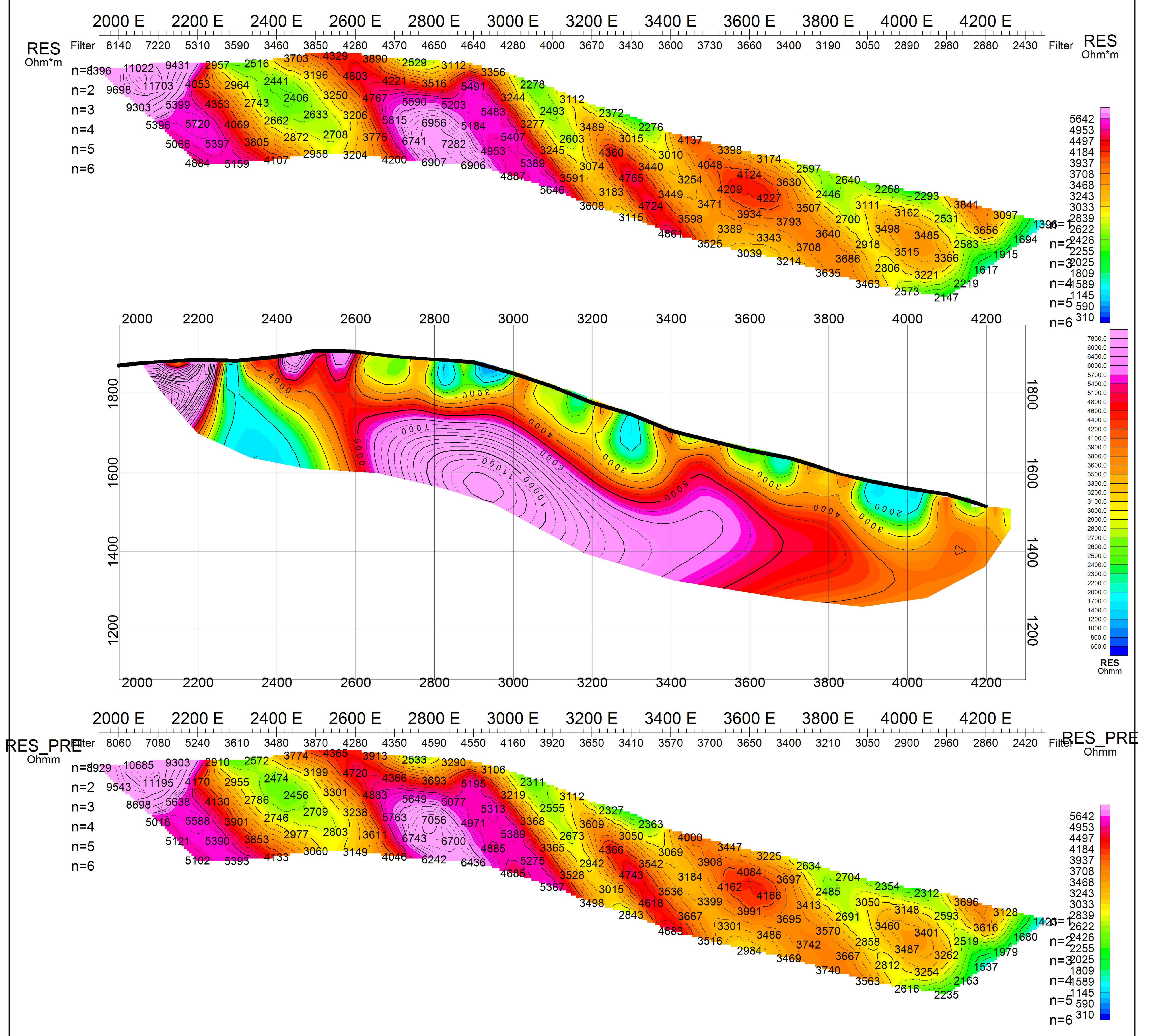


Pseudo Section Plot
10900 N

Pole-Dipole Array

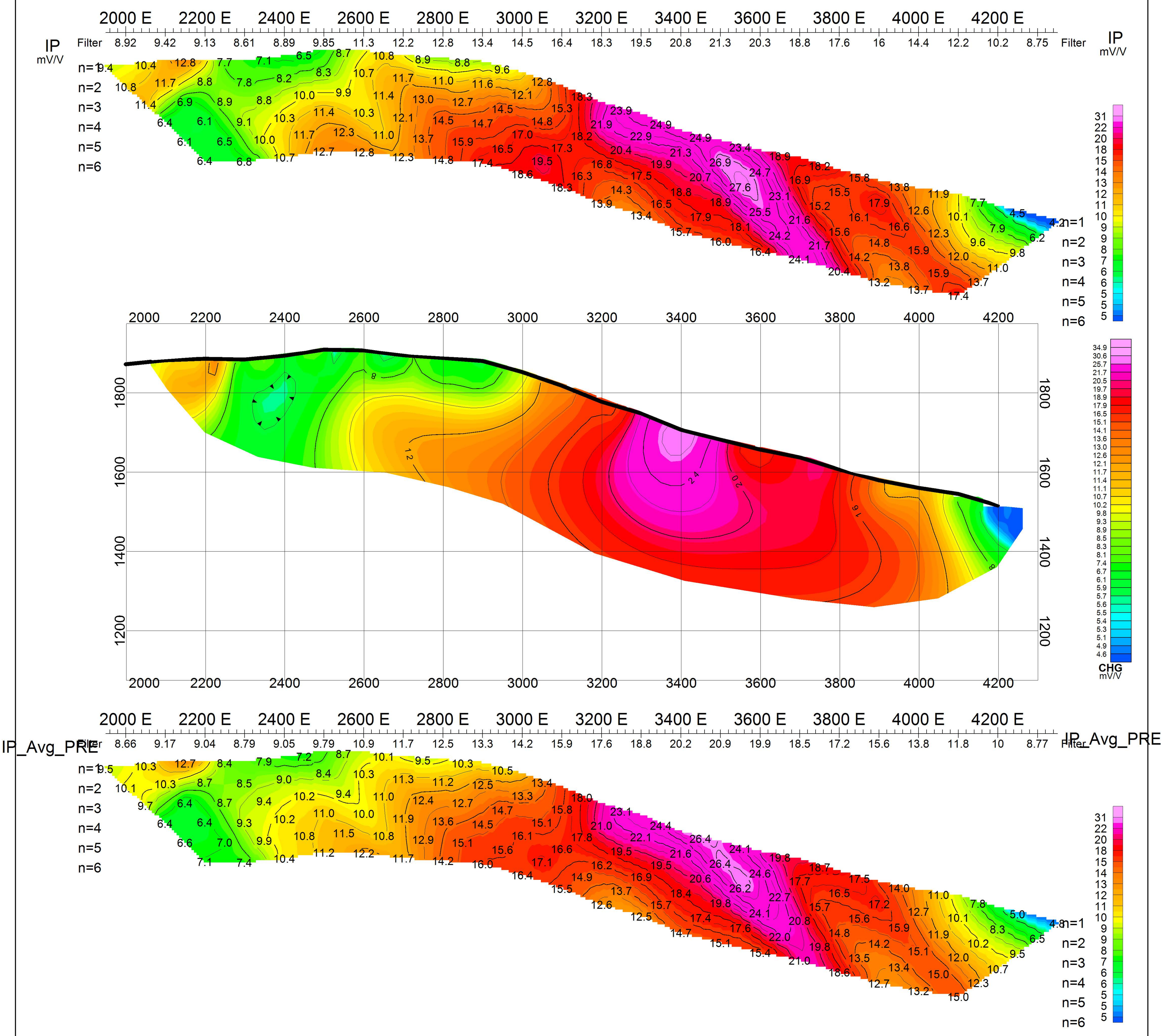


RESISTIVITY:
Measured/Inversion/Predicted



RED LION - 2015IP
A100 - Line 10900N

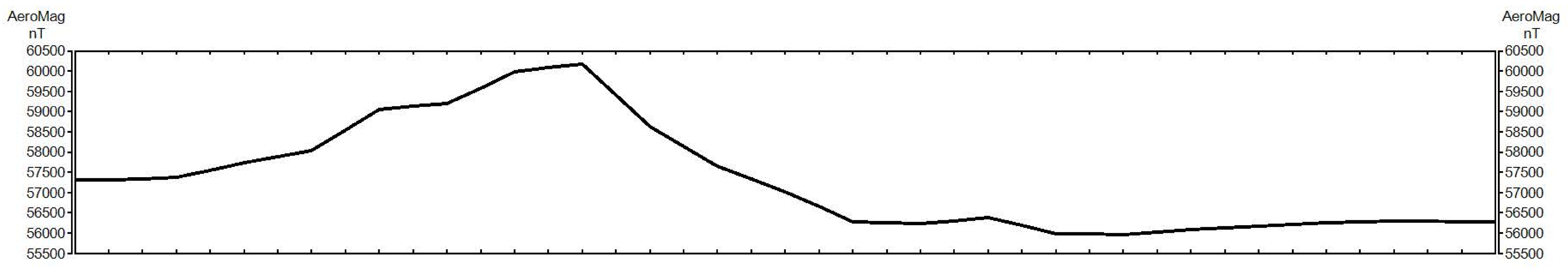
CHARGEABILITY:
Measured/Inversion/Predicted



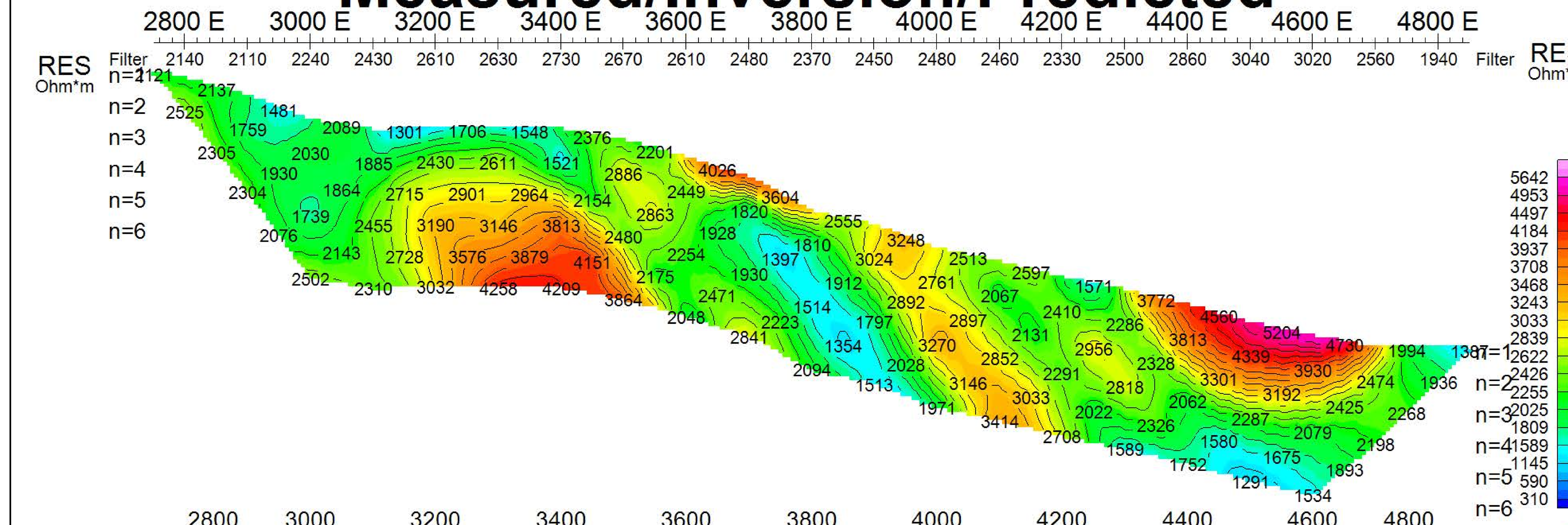
Scale 1:5000
(meters)

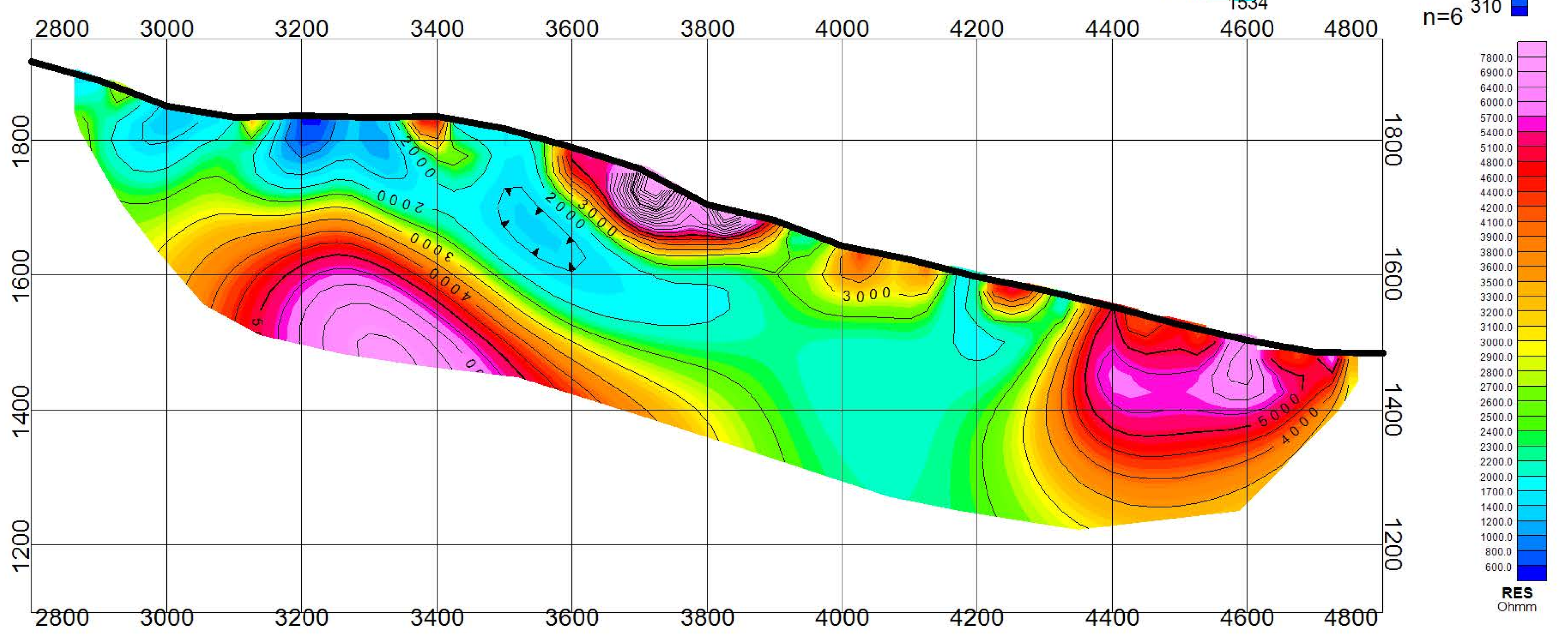
Garibaldi Resources Corp.
INDUCED POLARIZATION SURVEY
Red Lion Property, BC
2015 Induced Polarization Survey
Date: 16/10/2015
Interpretation: Pseudos/Inversions/Predicted
Scott Geophysics Ltd.

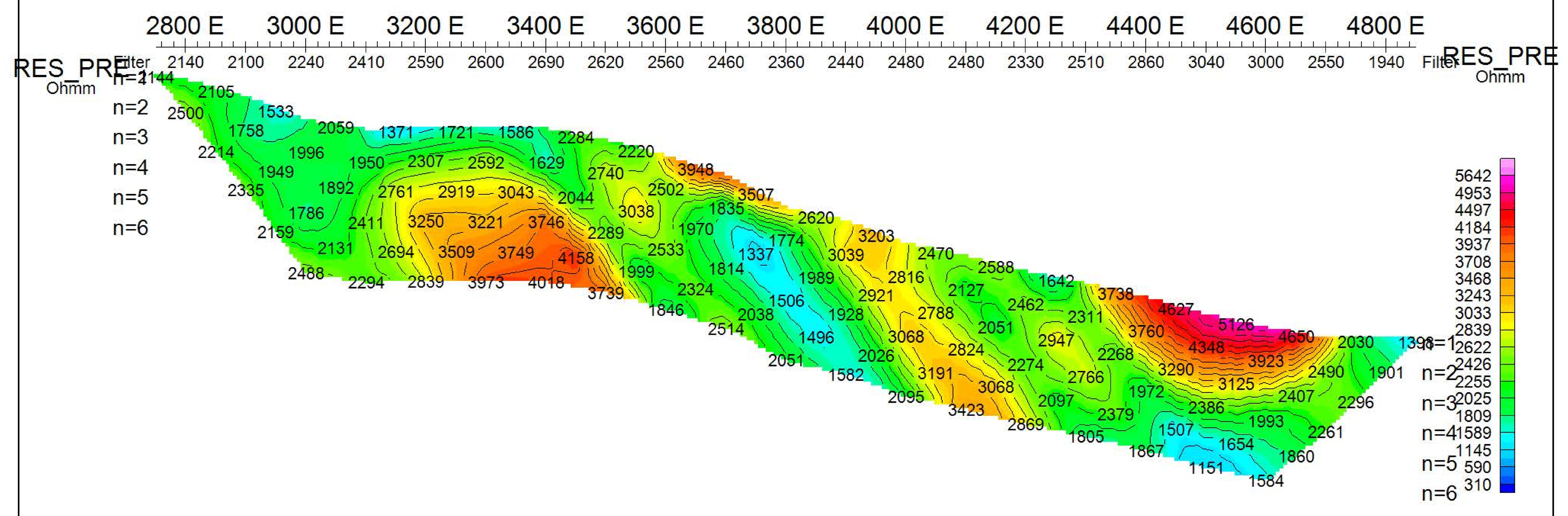
Geosoft Software for the Earth Sciences



RESISTIVITY: Measured/Inversion/Predicted

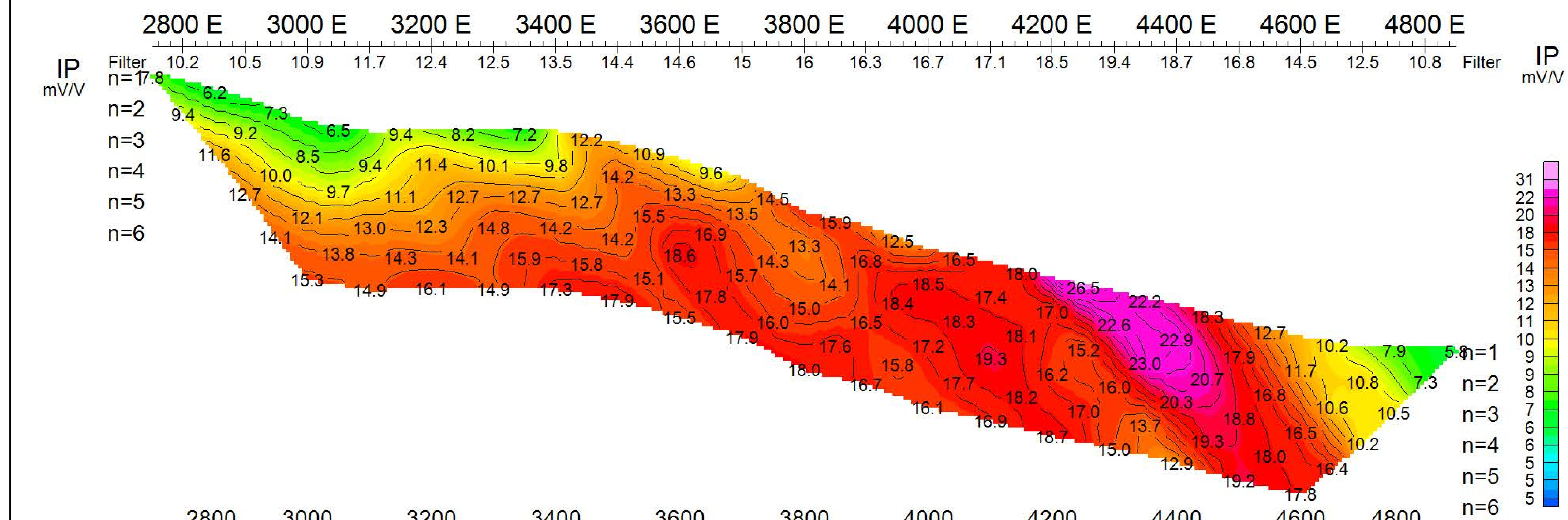


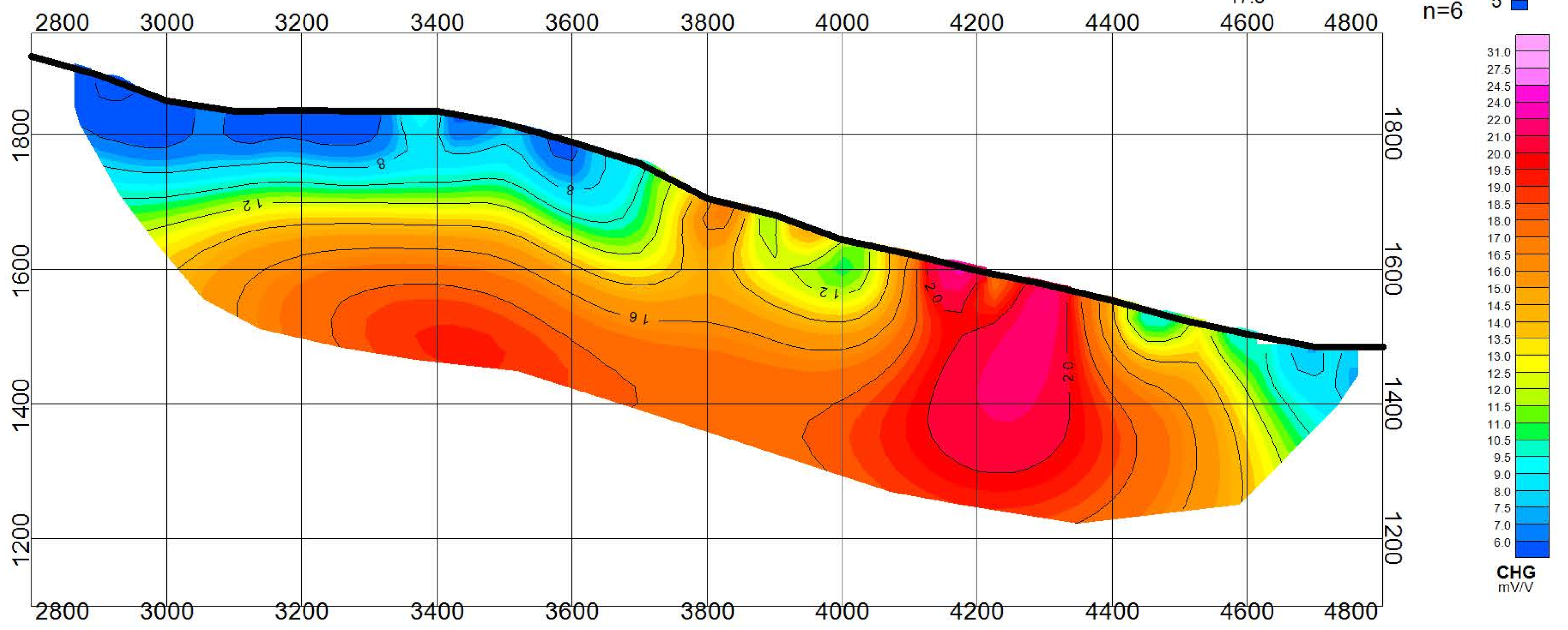


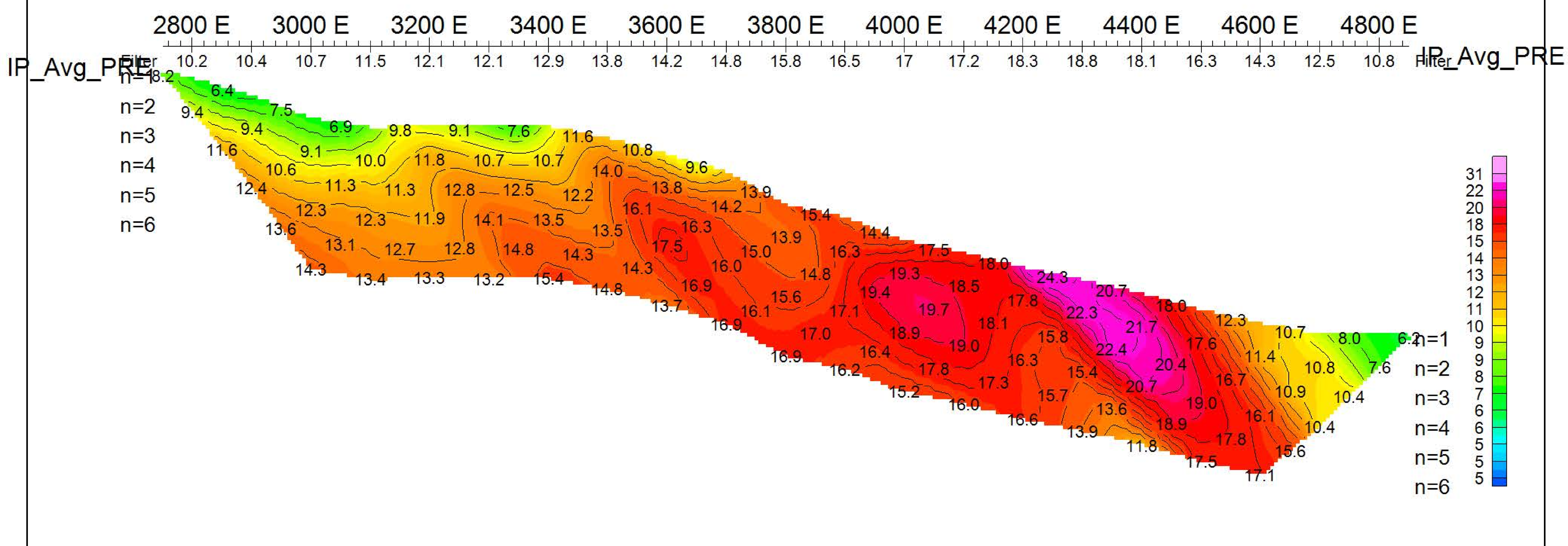


RED LION - 2015IP
A100 - Line 11500N

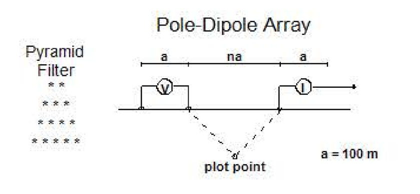
CHARGEABILITY: Measured/Inversion/Predicted

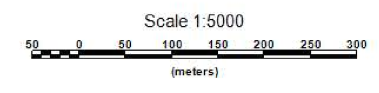






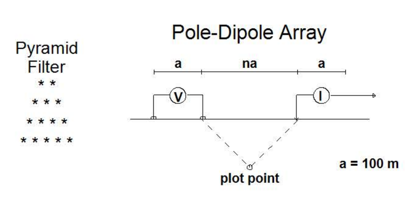
Pseudo Section Plot
11500 N

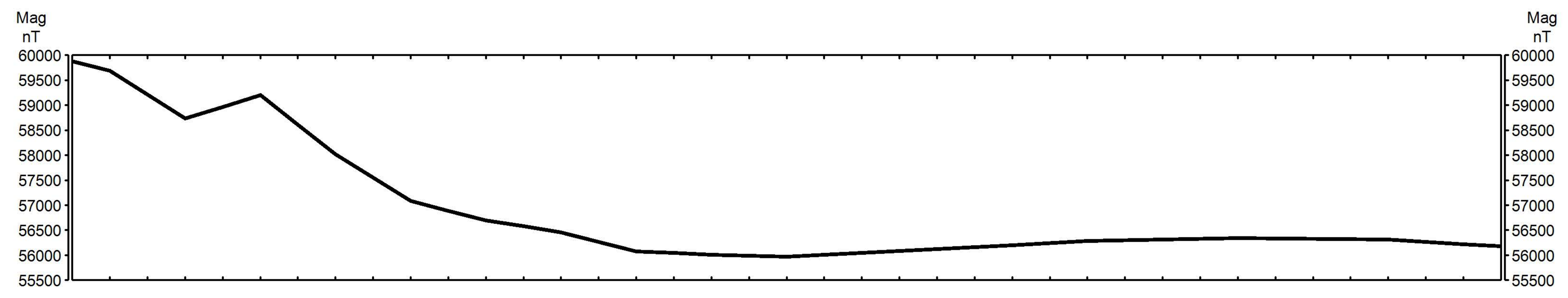




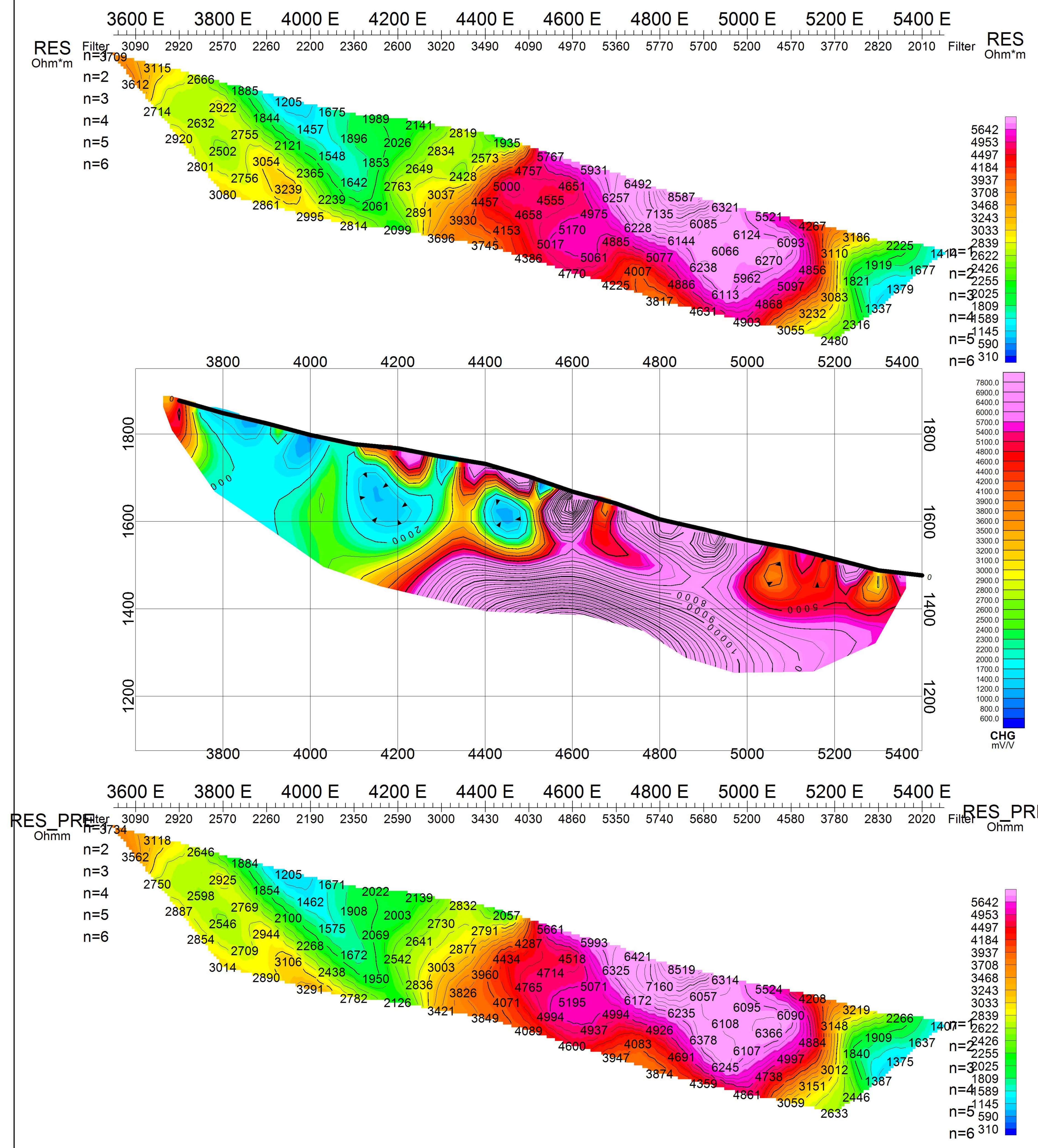
Garibaldi Resources Corp.
INDUCED POLARIZATION SURVEY
Red Lion Property, BC
2015 Induced Polarization Survey
Date: 16/10/2015
Interpretation: Pseudos/Inversions/Predicted
Scott Geophysics Ltd.

Pseudo Section Plot
12200 N



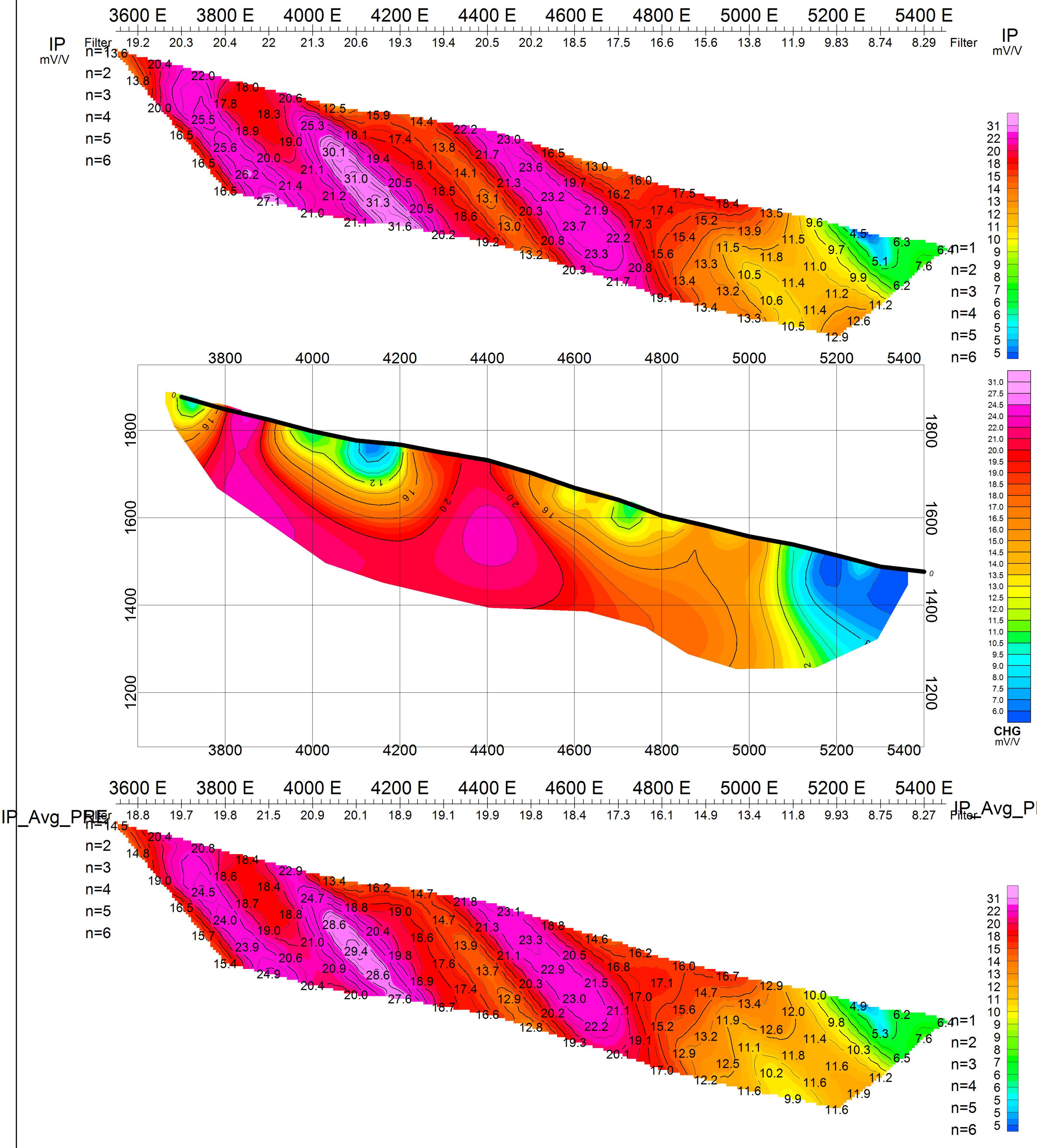


RESISTIVITY:
Measured/Inversion/Predicted



RED LION - 2015IP
A100 - Line 12200N

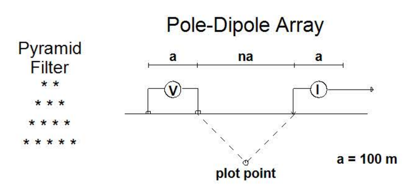
CHARGEABILITY:
Measured/Inversion/Predicted

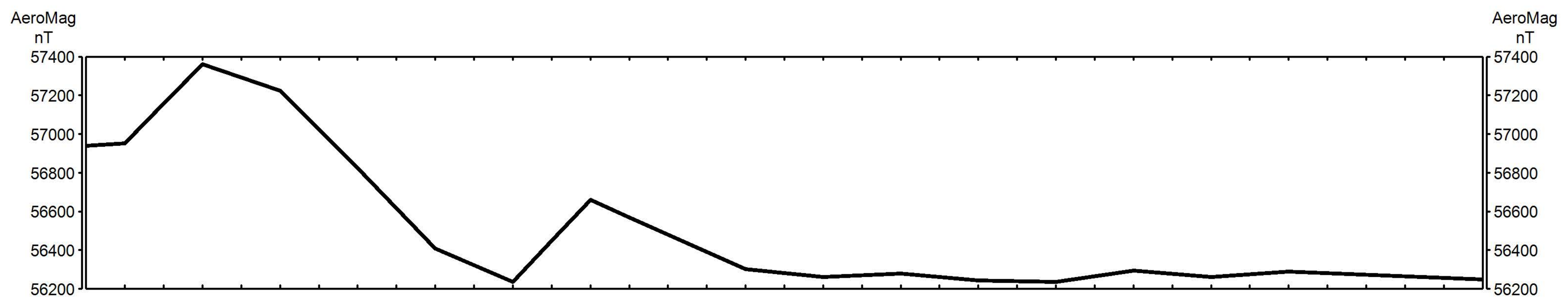


Scale 1:5000
(meters)

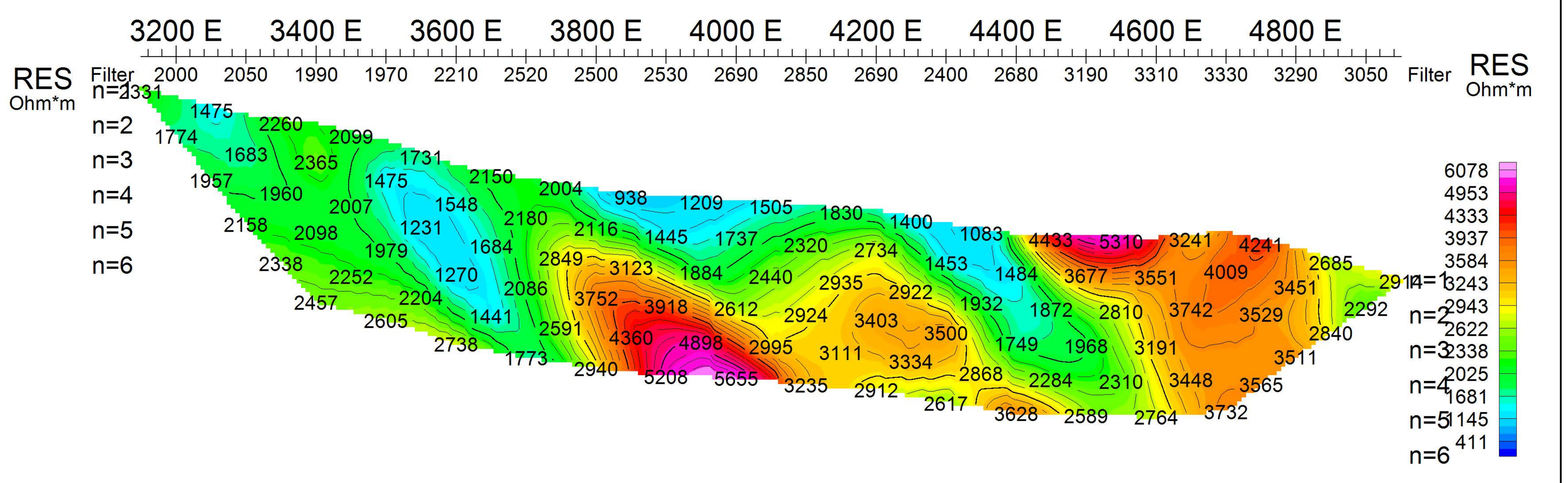
Garibaldi Resources Corp.
INDUCED POLARIZATION SURVEY
Red Lion Property, BC
2015 Induced Polarization Survey
Date: 16/10/2015
Interpretation: Pseudos/Inversions/Predicted
Scott Geophysics Ltd.

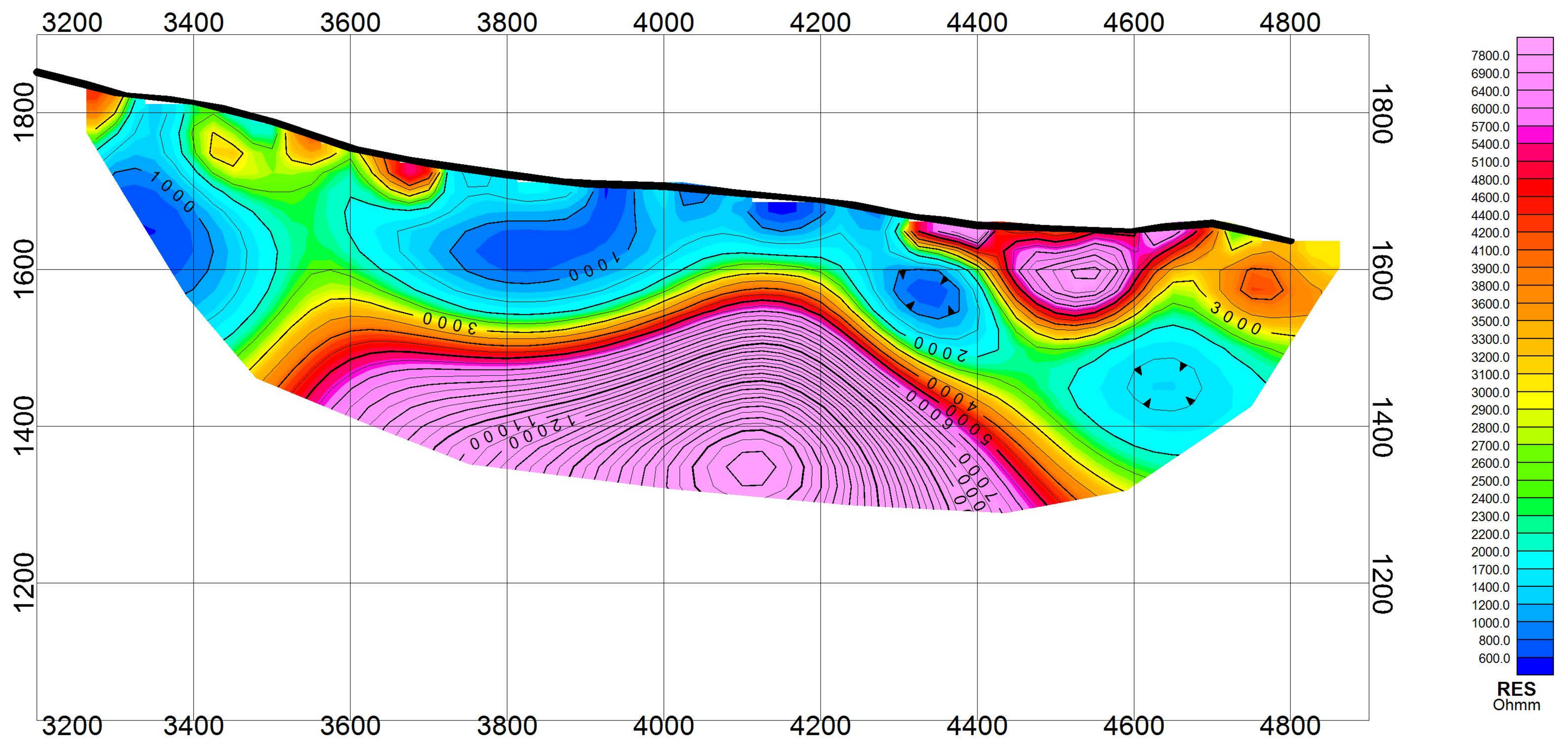
Pseudo Section Plot
13200 N

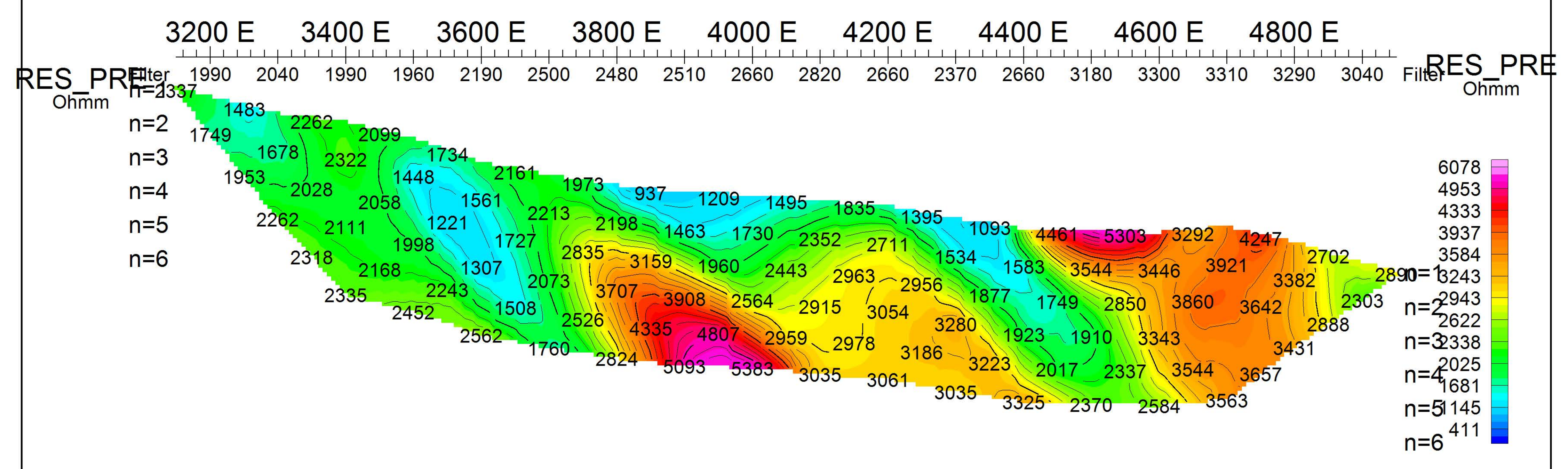




RESISTIVITY:
Measured/Inversion/Predicted

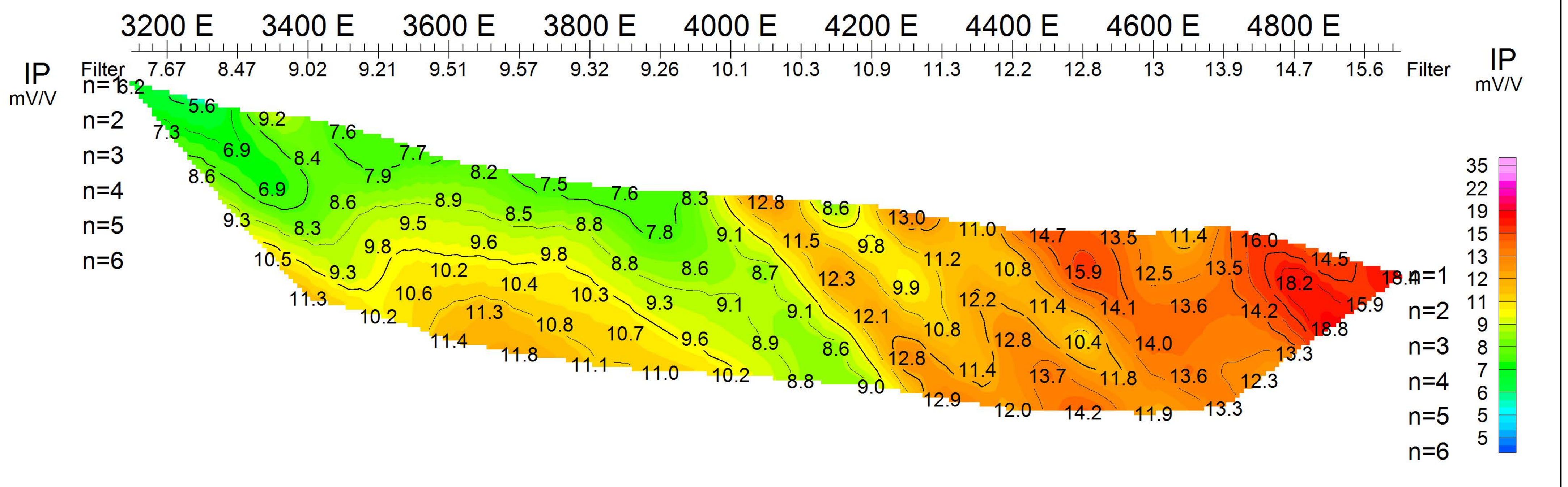


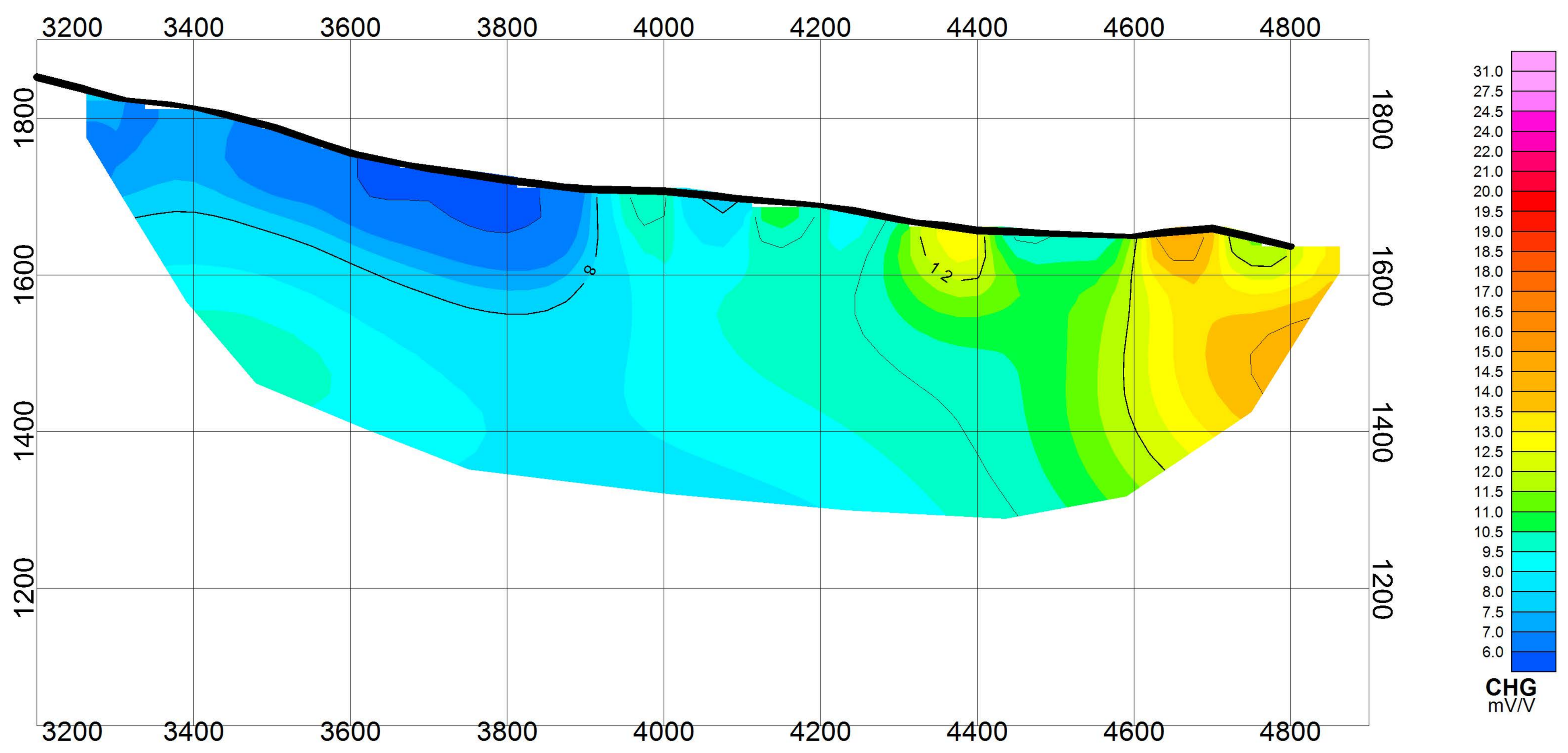


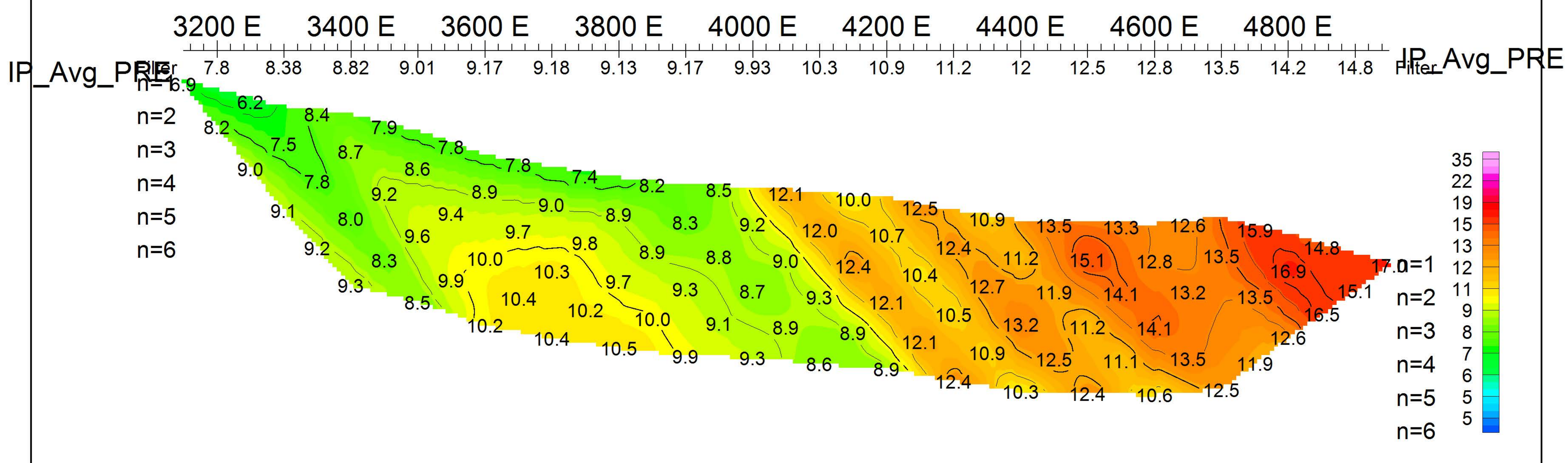


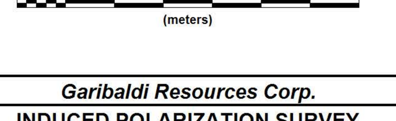
RED LION - 2015IP
A100 - Line 13200N

CHARGEABILITY:
Measured/Inversion/Predicted









Garibaldi Resources Corp.
INDUCED POLARIZATION SURVEY
Red Lion Property, BC
2015 Induced Polarization Survey
Date: 16/10/2015
Interpretation: Pseudos/Inversions/Predicted
Scott Geophysics Ltd.

Geosoft Software for the Earth Sciences

IP_Line	Station	X	Y	Z
8000N	4000E	674511	6270531	1510.5
8000N	4100E	674591	6270586	1513.6
8000N	4200E	674673	6270646	1518.9
8000N	4300E	674744	6270706	1534.5
8000N	4400E	674826	6270764	1550
8000N	4500E	674901	6270824	1570.3
8000N	4600E	674981	6270870	1598.1
8000N	4700E	675053	6270934	1634
8000N	4800E	675123	6270977	1677.5
8000N	4900E	675194	6271024	1730.2
8000N	5000E	675243	6271090	1787.9
8000N	5100E	675277	6271161	1837.2
8000N	5200E	675330	6271226	1891.7
8000N	5300E	675383	6271295	1943.6
8000N	5400E	675436	6271347	1996.5
8000N	5500E	675492	6271404	2052.6
8000N	5540E	675522	6271420	2070
8000N	5600E	675569	6271441	2039.6
8000N	5700E	675628	6271493	1986.8
8000N	5800E	675704	6271546	1954.9
8000N	5900E	675770	6271598	1934.9
8000N	6000E	675847	6271652	1901.1
8000N	6100E	675928	6271707	1901.1
8000N	6200E	676002	6271761	1912.8
7400N	4000E	674903	6270070	1547.4
7400N	4100E	674981	6270138	1549.5
7400N	4200E	675047	6270195	1561
7400N	4300E	675120	6270250	1591.1
7400N	4500E	675264	6270372	1610.4
7400N	4600E	675337	6270434	1639.1
7400N	4700E	675408	6270492	1673
7400N	4800E	675479	6270547	1711.3
7400N	4900E	675543	6270597	1756
7400N	5000E	675599	6270657	1810.1
7400N	5100E	675662	6270704	1864.8
7400N	5200E	675726	6270754	1921.3
7400N	5300E	675787	6270811	1970
7400N	5400E	675839	6270866	2026.4
7400N	5500E	675898	6270906	2081.1
7400N	5600E	675960	6270954	2137.8
7400N	5610E	675971	6270963	2144.8
7400N	5700E	676031	6270991	2091.5
7400N	5800E	676097	6271056	2041.5
7400N	5900E	676123	6271090	1984.6
8600N	4000E	674126	6270987	1490
8600N	4100E	674193	6271061	1488

IP_Line	Station	X	Y	Z
8600N	4200E	674271	6271116	1495.4
8600N	4300E	674355	6271167	1505.1
8600N	4400E	674435	6271219	1511.3
8600N	4500E	674519	6271281	1525.1
8600N	4600E	674590	6271346	1543.3
8600N	4700E	674649	6271415	1573.9
8600N	4800E	674723	6271469	1612.3
8600N	4900E	674792	6271515	1652.9
8600N	5000E	674870	6271552	1697.3
8600N	5100E	674913	6271618	1753.8
8600N	5200E	674969	6271683	1802.3
8600N	5300E	675024	6271750	1859.1
8600N	5400E	675081	6271790	1916.9
8600N	5500E	675140	6271835	1977.7
8600N	5600E	675205	6271882	2035.5
8600N	5630E	675222	6271897	2052.4
8600N	5700E	675279	6271937	2039.4
8600N	5800E	675346	6272008	2022.6
8600N	5900E	675411	6272080	2013.7
8600N	6000E	675491	6272112	1981.4
8600N	6100E	675570	6272121	1924.5
8600N	6200E	675646	6272165	1878
8600N	6300E	675700	6272235	1866
8600N	6400E	675726	6272326	1826.6
11500N	2600E	671200	6272616	1960.9
11500N	2700E	671291	6272645	1935.9
11500N	2800E	671375	6272683	1915.1
11500N	2900E	671459	6272726	1886.8
11500N	3000E	671544	6272768	1849
11500N	3100E	671624	6272821	1832.9
11500N	3200E	671692	6272887	1835.1
11500N	3300E	671777	6272933	1833.3
11500N	3400E	671868	6272982	1833.4
11500N	3500E	671953	6273016	1815.6
11500N	3600E	672043	6273031	1788
11500N	3700E	672125	6273067	1756.1
11500N	3800E	672195	6273107	1703.5
11500N	3900E	672251	6273190	1679.7
11500N	4000E	672289	6273269	1642.8
11500N	4100E	672369	6273312	1621.3
11500N	4200E	672451	6273338	1596.7
11500N	4300E	672510	6273414	1576.2
11500N	4400E	672586	6273468	1552.3
11500N	4500E	672666	6273527	1524.9
11500N	4600E	672742	6273578	1502.8
11500N	4700E	672799	6273632	1484.3

IP_Line	Station	X	Y	Z
11500N	4800E	672877	6273695	1483.8
11500N	4900E	672956	6273762	1482.1
10900N	1600E	670977	6271208	1831.2
10900N	1700E	671025	6271295	1838.4
10900N	1800E	671073	6271373	1849
10900N	1900E	671134	6271451	1868.5
10900N	2000E	671196	6271525	1871.7
10900N	2100E	671251	6271608	1882.1
10900N	2200E	671301	6271689	1885.5
10900N	2300E	671361	6271773	1883.7
10900N	2400E	671448	6271828	1893.6
10900N	2500E	671531	6271874	1908.9
10900N	2600E	671620	6271923	1906.9
10900N	2700E	671707	6271978	1894.7
10900N	2800E	671797	6272016	1887.8
10900N	2900E	671877	6272066	1880
10900N	3000E	671943	6272133	1851.9
10900N	3100E	672027	6272176	1817.8
10900N	3200E	672109	6272217	1777.3
10900N	3300E	672187	6272275	1747.7
10900N	3400E	672255	6272329	1706.4
10900N	3600E	672363	6272475	1656.3
10900N	3700E	672423	6272550	1636.9
10900N	3800E	672500	6272603	1606.6
10900N	3900E	672570	6272663	1579.1
10900N	4000E	672648	6272724	1560
10900N	4100E	672719	6272788	1544.9
10900N	4200E	672794	6272851	1515.3
10900N	4400E	672944	6272974	1468.4
10300N	2800E	672187	6271558	1819.1
10300N	2900E	672248	6271621	1789.6
10300N	3000E	672320	6271680	1747.8
10300N	3100E	672390	6271737	1719.2
10300N	3200E	672451	6271809	1693.7
10300N	3300E	672525	6271869	1666.6
10300N	3400E	672608	6271924	1662.2
10300N	3500E	672683	6271986	1664.4
10300N	3600E	672756	6272041	1641.1
10300N	3700E	672822	6272100	1607.4
10300N	3800E	672882	6272154	1559.4
10300N	3900E	672956	6272207	1531.3
10300N	4000E	673029	6272263	1502.7
10300N	4100E	673086	6272333	1479.6
10300N	4200E	673144	6272403	1472.6
10300N	4300E	673206	6272478	1472.9
13200N	3000E	670487	6273988	1895

IP_Line	Station	X	Y	Z
13200N	3100E	670543	6274069	1882.1
13200N	3200E	670609	6274137	1853.4
13200N	3300E	670694	6274179	1828
13200N	3400E	670792	6274179	1816.5
13200N	3500E	670868	6274225	1790.9
13200N	3600E	670923	6274303	1756.8
13200N	3700E	670985	6274373	1737.3
13200N	3800E	671046	6274452	1722.3
13200N	3900E	671104	6274527	1710.8
13200N	4000E	671181	6274597	1707.9
13200N	4100E	671245	6274671	1698.9
13200N	4200E	671316	6274735	1691.4
13200N	4300E	671400	6274779	1672.8
13200N	4400E	671495	6274809	1658
13200N	4500E	671587	6274844	1654.6
13200N	4600E	671675	6274892	1652.6
13200N	4700E	671761	6274937	1660.4
13200N	4800E	671838	6274991	1638.4
13200N	4900E	671904	6275063	1608
13200N	5000E	671979	6275125	1585.1
12200N	3400E	671460	6273291	1962.3
12200N	3500E	671530	6273349	1927.3
12200N	3600E	671606	6273406	1901.7
12200N	3700E	671657	6273488	1877.3
12200N	3800E	671711	6273557	1848.7
12200N	3900E	671772	6273633	1825.2
12200N	4000E	671835	6273707	1798.6
12200N	4100E	671894	6273784	1777.7
12200N	4200E	671960	6273850	1768.2
12200N	4300E	672035	6273916	1749
12200N	4400E	672104	6273982	1732.6
12200N	4500E	672171	6274042	1703.3
12200N	4600E	672237	6274107	1668.7
12200N	4700E	672292	6274185	1641.7
12200N	4800E	672362	6274227	1605.2
12200N	4900E	672435	6274297	1582.5
12200N	5000E	672506	6274360	1557.7
12200N	5100E	672569	6274432	1539.3
12200N	5200E	672634	6274490	1514.8
12200N	5300E	672705	6274547	1488.5
12200N	5400E	672784	6274601	1477.1
12200N	5500E	672858	6274659	1451.6
6800N	4200E	675577	6269872	1618.5
6800N	4300E	675651	6269933	1632.3
6800N	4400E	675735	6269985	1654.8
6800N	4500E	675812	6270036	1662.9

IP_Line	Station	X	Y	Z
6800N	4600E	675894	6270100	1678.9
6800N	4700E	675960	6270171	1690.9
6800N	4800E	676005	6270250	1712.4
6800N	4900E	676078	6270305	1734.6
6800N	5000E	676157	6270363	1758.4
6800N	5100E	676248	6270406	1760.3
6800N	5200E	676312	6270472	1781.3
6800N	5300E	676385	6270535	1783.5
6800N	5400E	676465	6270595	1785.9
6800N	5500E	676541	6270663	1769.5
6800N	5600E	676606	6270724	1739.3
6800N	5700E	676666	6270804	1728.1
6800N	5800E	676720	6270884	1728.3
6800N	5900E	676766	6270970	1738.1
6800N	6000E	676833	6271043	1734.9
6800N	6100E	676897	6271112	1727.6
6800N	6200E	676975	6271165	1690.1
6800N	6300E	677065	6271190	1650.9
6800N	6400E	677151	6271220	1620
6800N	6500E	677235	6271272	1592.3
6800N	6600E	677304	6271330	1564.7
6800N	6700E	677390	6271372	1530.6
6800N	6800E	677463	6271424	1515.4
6800N	6900E	677525	6271494	1494.9
6800N	7000E	677605	6271542	1482.5
6800N	7100E	677680	6271615	1482.7
6800N	7300E	677817	6271739	1449.7
6800N	7500E	677932	6271879	1473.4
6800N	7600E	677972	6271940	1516.5
6800N	7700E	678031	6271992	1566
7400NB	6000E	676566	6271437	1816.6
7400NB	6100E	676626	6271496	1776.1
7400NB	6200E	676680	6271551	1727.9
7400NB	6300E	676743	6271618	1690.5
7400NB	6400E	676820	6271673	1657.8
7400NB	6500E	676871	6271744	1623
7400NB	6600E	676930	6271813	1585.3
7400NB	6700E	676986	6271886	1557.4
7400NB	6800E	677067	6271935	1530.9
7400NB	6900E	677152	6271966	1500.8
7400NB	7000E	677223	6272002	1467.4
7400NB	7100E	677278	6272062	1443.9
7400NB	7200E	677353	6272127	1457.8
7400NB	7300E	677424	6272185	1482.9
7400NB	7400E	677489	6272244	1505.4
8000NB	7600E	677202	6272819	1614.6

IP_Line	Station	X	Y	Z
8000NB	7500E	677151	6272762	1563.5
8000NB	7400E	677101	6272689	1514.5
8000NB	7300E	677019	6272642	1502.3
8000NB	7200E	676949	6272575	1492.9
8000NB	7100E	676878	6272518	1484.4
8000NB	7000E	676815	6272457	1491.4
8000NB	6900E	676734	6272405	1506.7
8000NB	6800E	676687	6272324	1522.3
8000NB	6700E	676610	6272299	1574.8
8000NB	6600E	676538	6272241	1614.7
8000NB	6500E	676458	6272201	1649.9
8000NB	6400E	676395	6272141	1695.7
8000NB	6300E	676316	6272088	1733
8000NB	6200E	676240	6272045	1772.6
6200N	6100E	677591	6270691	1620.1
6200N	6200E	677629	6270778	1592
6200N	6300E	677698	6270837	1565.2
6200N	6400E	677767	6270904	1544.4
6200N	6500E	677817	6270970	1520.9
6200N	6600E	677892	6271023	1496.2
6200N	6700E	677946	6271092	1466
6200N	6800E	678021	6271127	1445.6
6200N	6900E	678093	6271184	1440.8
6200N	7000E	678169	6271255	1436.2
6200N	7100E	678240	6271318	1435.2
6200N	7200E	678297	6271390	1430.7
6200N	7300E	678384	6271430	1452.1
6200N	7400E	678459	6271492	1461.3
6200N	7500E	678533	6271547	1490.4
6200N	7600E	678575	6271625	1517.2
5600N	7600E	679081	6271213	1447.4
5600N	7500E	678995	6271141	1438.4
5600N	7400E	678918	6271086	1432.8
5600N	7300E	678848	6271016	1423.3
5600N	7200E	678778	6270961	1423.2
5600N	7100E	678704	6270898	1426.8
5600N	7000E	678638	6270826	1447.1
5600N	6900E	678574	6270758	1473.4
5600N	6800E	678489	6270714	1489.5
5600N	6700E	678417	6270651	1517
5600N	6600E	678347	6270590	1546.4
5600N	6500E	678287	6270543	1581.5
5600N	6400E	678220	6270495	1611.6
5600N	6300E	678163	6270428	1653.2

APPENDIX III

Soil Samples
XRF Analyses

Sample	Type	Locn	UTM	Easting	Northing	Au	Au Error	Ag	Ag Error	Cu	Cu Error	Pb	Pb Error	Zn	Zn Error	Ni	Ni Error	As	As Error	Sb	Sb Error	Mo	Mo Error	W	W Error
1340	Soil	Red Lion	9 V	672499	6271498	0.5	4.52	-13.3	9.01	129.3	28.5	-12.6	7.76	31.4	13.98	1.49	29.83	7.48	5.37	-47.67	19.1	-0.38	3.92	-18.47	35.2
1340	Soil	Red Lion	9 V	672499	6271498	-2.4	3.37	-42	5.26	46.22	20.34	-6.93	8.06	29.46	12.92	-3.7	24.41	1.37	4.88	-161.9	11.64	11.5	4.1	4.21	35.3
1341	Soil	Red Lion	9 V	672499	6271600	-2.3	4.04	-15.4	8.82	224.2	36.68	-11.9	8.19	43.35	16.81	-21.7	31.11	5.87	5.49	-42.87	19.09	4.02	4.28	17.04	42.38
1341	Soil	Red Lion	9 V	672499	6271600	0.79	3.98	-37.6	5.82	46.48	19.69	-5.7	8.1	57.16	15.26	-4.84	23.68	3.59	5.15	-137.9	12.93	9.71	3.95	-11.34	32.52
1342	Soil	Red Lion	9 V	672500	6271700	-0.6	4.8	-27.2	8.03	80.97	27.97	-12	8.48	28.13	15.21	-43.5	30.01	7.82	6.03	-93.06	17.52	2.86	4.49	1.29	42.46
1342	Soil	Red Lion	9 V	672500	6271700	0.06	5.24	-19.7	9.09	110.9	31.24	-15.5	8.13	41.12	17.03	-13.9	34.39	31.6	8.5	-69.51	19.49	5.16	4.62	-29.36	40.25
1343	Soil	Red Lion	9 V	672500	6271801	-0.5	4.84	-37.9	7.14	59.92	26.84	-18.4	7.3	25.28	14.84	-12.7	30.68	8.56	5.5	-137.3	15.92	9.99	4.81	-11.82	42.8
1343	Soil	Red Lion	9 V	672500	6271801	-0.8	4.16	-28.5	7.5	35.34	20.6	-7.37	8.51	15.3	11.85	-2.67	29.31	-0.7	4.85	-92.74	16.58	2.49	4.04	7.29	38.02
1344	Soil	Red Lion	9 V	672500	6271901	-3.7	3.68	-23.8	7.42	15.64	18.96	-11.7	8.03	129.8	23.17	-26.7	25.37	2.51	4.93	-127.1	15.03	6.04	4.24	4.44	39.73
1344	Soil	Red Lion	9 V	672500	6271901	1.54	3.52	-30.1	5.81	-4.5	11.69	-13.9	6.04	8.74	8.29	-16.2	19.41	1.24	3.53	-106.7	12.76	2.65	3.32	-14.23	25.87
1345	Soil	Red Lion	9 V	672500	6272001	-0.8	4.19	-26.5	7.54	31.58	20.31	-4.57	9.12	30.25	13.46	-15.9	27.34	-2.61	5.01	-103.6	16.14	6.12	4.15	-26.4	33.77
1345	Soil	Red Lion	9 V	672500	6272001	1.3	4.94	-19.6	8.38	29.79	21.27	-8.24	8.7	23.81	13.87	-14.5	31.27	2.06	5.34	-79.72	17.71	-0.4	4.11	27.93	42.87
1346	Soil	Red Lion	9 V	672500	6272101	-4.6	3.51	-25.5	7.34	72.81	25	-9.62	8.39	34.02	15.02	1.18	31.18	4.44	5.42	-108.6	15.46	4.34	4.2	33.27	43.1
1346	Soil	Red Lion	9 V	672500	6272101	1.47	4.98	-28.3	7.22	67.39	24	-17.8	6.79	19.14	12.9	-12.1	28.5	7.92	4.91	-120.8	15.27	5.87	4.18	28.12	41.19
1347	Soil	Red Lion	9 V	672499	6272200	1.89	5.12	-21.8	8.83	305.8	43.21	-19.7	6.74	47.84	18.23	-4.49	34.4	9.61	5.28	-50.83	19.71	6.2	4.56	10.88	44.78
1347	Soil	Red Lion	9 V	672499	6272200	-0.5	3.86	-32	6.18	67.14	21.82	-5.69	8.31	54.14	15.28	-14.4	23.19	3.98	5.29	-123.9	13.36	3.96	3.85	-8.09	33.28
1348	Soil	Red Lion	9 V	672502	6272300	-0.9	3.58	-25.1	6.87	35.88	18.03	-16.6	6.26	26.12	11.59	-26	22.57	5	4.15	-96.22	14.71	1.09	3.65	-31.02	27.78
1348	Soil	Red Lion	9 V	672502	6272300	-0.2	5.86	-18.5	11.05	39.74	31.4	-0.31	12.73	104	27.45	17.22	41.68	4.21	8.24	-80.36	23.24	3.76	5.39	-30.31	54.76
1349	Soil	Red Lion	9 V	672502	6272401	-1.9	3.65	-28.5	6.48	44.9	20.33	-18.6	6.26	27.82	12.46	13.09	26.77	5.87	4.26	-128.6	13.48	7.17	3.99	-23.85	32.23
1349	Soil	Red Lion	9 V	672502	6272401	-0.8	3.28	-22.1	6.18	20.54	14.56	-13.7	6.24	12.04	8.86	-25.7	19.66	2.28	3.76	-100.5	12.88	1.45	3.32	-20.48	25.22
1350	Soil	Red Lion	9 V	672501	6272501	2.47	5.49	-14.6	9.72	156.4	34.67	-15.2	8.07	40.77	17.26	16.17	37.43	2.6	4.97	-43.91	20.86	5.77	4.65	-4.98	44.27
1350	Soil	Red Lion	9 V	672501	6272501	-0.9	3.98	-28	6.88	84.38	25.05	-10.3	8.01	36.69	14.48	7.29	28.42	3.75	5.11	-114.2	14.62	6.33	4.16	-8.23	36.65
1351	Soil	Red Lion	9 V	672501	6272601	0.72	4.14	-25.4	6.85	24.55	17.84	-11.1	7.41	26.85	12.51	-19.1	24.01	1.14	4.38	-107.9	14.43	4.8	3.85	12.12	35.21
1351	Soil	Red Lion	9 V	672501	6272601	-1.9	3.66	-33.5	6.2	41.3	20.09	-4.09	8.72	30.33	13.1	-29	23.56	-0.72	5.04	-127.8	13.51	10	4.12	-5.42	34.07
1352	Soil	Red Lion	9 V	672499	6272700	-1.8	3.68	-18	9.1	19.05	20.92	-12.2	8.18	14.54	11.77	-10.7	31.97	2.57	5.09	-66.52	19.44	5.47	4.42	-53.8	33.21
1352	Soil	Red Lion	9 V	672499	6272700	-0.7	3.76	-32.8	6.27	30.37	18.65	-11.1	7.32	17.99	11.42	13.34	27.3	4.28	4.76	-124.8	13.62	0.98	3.74	9.57	35.66
1353	Soil	Red Lion	9 V	672500	6272800	-2.1	4.62	-14.6	9.46	68.01	27.65	-15.7	8	25.37	15.51	-7.46	36.08	7.58	5.69	-62.3	19.88	2.75	4.61	33.26	48.71
1353	Soil	Red Lion	9 V	672500	6272800	-0.3	4.51	-30.5	6.98	37.47	21.87	-11.5	8.1	17	12.78	-10.3	28.31	10.7	6.03	-126.3	14.87	8.19	4.36	26.47	42.31
1354	Soil	Red Lion	9 V	672500	6272904	-3	4.19	-19.5	8.46	13.39	19.39	-15.7	7.47	21.66	13.27	-30.8	29.49	11	5.74	-73.72	18.07	3.02	4.32	-1.3	38.86
1354	Soil	Red Lion	9 V	672500	6272904	-2.4	3.37	-33.3	6.38	28.22	18.4	-12.7	7.15	15.47	11.06	-10.9	24.48	3.45	4.53	-130.5	13.8	7.09	3.98	5.96	34.79
1355	Soil	Red Lion	9 V	672502	6273000	-0	4.27	-20.9	7.91	8.44	17.74	-18.7	6.47	25.19	12.96	-14.5	26.84	5.64	4.43	-94.3	16.51	2.82	4.15	-7.17	36.29
1355	Soil	Red Lion	9 V	672502	6273000	-0.1	4.08	-32.9	6.09	9.86	16.69	-3.66	8.71	30.7	12.91	-8.29	24.62	-1.06	5	-134.8	12.99	6.92	4.06	-7.45	33.9
1357	Soil	Red Lion	9 V	678999	6271000	-0.1	4.86	-11.6	9.78	66.71	26.74	-4.61	9.95	53.23	17.81	7.85	33.28	2.21	6.15	-45.21	20.58	3.72	4.52	-34.1	39.11
1357	Soil	Red Lion	9 V	678999	6271000	-3.2	3.82	-22.9	8.06	113.9	28.19	-17.1	7.14	74.28	18.91	-12.6	30.43	5.02	4.68	-83.36	17.34	5.6	4.28	0.28	39.26
1358	Soil	Red Lion	9 V	678959	6271036	-3.5	3.45	-31.8	6.89	18.68	18.44	-9.99	8.09	25.35	12.73	-9.73	27.76	7.62	5.59	-93.57	15.61	7.6	4.24	-16.92	34.12

Sample	Ba	Ba Error	Hg	Hg Error	S	S Error	K	K Error	Ca	Ca Error	Sc	Sc Error	Ti	Ti Error	V	V Error	Cr	Cr Error	Mn	Mn Error	Fe	Fe Error	Co
1340	-17.53	74.2	0.05	4.74	1445.57	1295.7	895.88	270.1	7707.69	410.84	98.41	48.35	1371	184.2	129.9	68.31	69.51	44.33	447.09	108.8	22613.4	493.66	174.7
1340	-823.57	46.62	3.18	5.08	1817.58	1154.3	483.69	224.1	7639.34	359.72	37.31	38.7	1598.7	153	62.42	53.82	-84.12	37.44	130.2	63.71	3680	192.03	-14.49
1341	-197.98	71.43	-3.1	5.27	2139.71	1317.6	651.59	238.5	7611.94	391.82	101.5	46.26	1315.9	170.4	99.04	61.93	56.75	40.56	345.11	106.73	25794.7	553.13	292.9
1341	-636	51.4	1.64	4.58	2160.07	1080.3	267.07	189.6	7404.04	330.15	2.38	33.55	545.51	97.53	7.81	36.83	-44.11	34.66	20.07	44.48	1190.06	109.02	29.71
1342	-400.62	68.33	3.23	6.2	471.79	686.1	553.76	166.8	3119.19	199.47	-1.32	20.97	1696.4	130.2	41.57	43.48	59.48	29.81	27.58	61.24	8375.31	333.35	344.2
1342	-224.03	75.53	1.45	5.64	3571.31	1604.3	495.68	243.2	8605.28	435.35	89.43	50.2	1441.2	181	128.4	66.73	47.23	42.86	519.95	136.08	37393.2	711.98	137.6
1343	-721.27	61.89	4.42	6.32	606.54	573.9	719.62	148.9	3273.96	176.71	9.67	18.69	607.88	79.22	16.99	28.49	10.03	22.88	86.87	70.85	3818.01	231.05	59.66
1343	-265.24	65.88	-0.2	5.1	483.59	943.19	575.49	215	5624.24	314.56	53.77	36	1222	139.4	137.9	53.54	60.92	38.62	218.55	84.67	15866.3	413.48	222.3
1344	-680.68	57.85	2.79	5.56	59250.4	4067.1	413.9	216.4	36772.9	719.23	15.02	71.8	3429.1	228.3	-73.24	70.57	-114.8	26	62.44	56.15	1445.11	131.58	92.63
1344	-546.4	48.79	-0.3	3.58	959.99	1043.2	575.75	228.9	5325.73	303.5	29.08	33.59	2079.3	173.1	66.67	59.47	-134.3	36.11	83.45	50.15	4814.67	190.82	13.85
1345	-484.72	62.52	4.1	5.1	2352.91	1103.4	196.29	174.9	8261.84	351.32	58.38	38.43	587.08	110.8	53.75	42.44	83.42	35.99	73.04	63.94	10010.8	331.87	157.8
1345	-285.12	68.85	-1.8	5.64	798.03	1046.1	456.32	213.6	7110.3	363.18	63.92	41.3	1353.3	162	104.6	59.08	60.93	39.05	287.13	100.02	23058.6	519.74	299.7
1346	-473.61	60.5	-0.5	5.65	1028.48	968.1	370.94	192.2	4910.39	285.05	23.81	31.55	2914.6	192.8	54.18	62.34	56.54	36.86	104.33	72.56	13546.1	392.7	301
1346	-582.94	59.44	0.41	5.66	1353.25	985.86	360.4	187.9	6114.52	307.86	0.58	31.91	1784.8	155.3	42.32	52.39	26.75	34.9	20	57.13	9246.99	320.42	232.9
1347	-314.81	73.13	-0.1	6	1867.48	1216.3	810.39	237.9	9757.48	424.02	119	48.89	1442.3	156.4	133.1	57.47	94.71	39.11	400.74	117.6	29365.2	611.36	280.2
1347	-609.94	52.16	-1.6	4.28	1238.01	996.58	368.57	199.5	6965.42	327.98	37.63	35.57	1615.4	149.2	25.56	50.49	-29.92	35.71	43.04	51.12	3481.83	185.08	3.71
1348	-485.29	56.32	5.72	4.53	723.64	936.54	357.84	195.9	4852.91	281.04	27.89	31.47	3536.1	204.2	55.58	65	-3.11	36.08	169.82	68.19	7853.98	267.23	125.4
1348	-359.41	89.01	1.46	7.32	6190.38	1023.8	954.87	140.7	8811.77	258.51	56.54	27.71	923.43	90.06	19.02	30.18	25.59	17.16	110.42	90.41	7902.87	386.45	-11.31
1349	-486.44	54.72	0.43	4.32	730.32	965.4	567.38	219.4	4720.18	284.9	22.29	31.26	997.74	131.4	29.32	47.41	-45.7	36.93	113.48	64.54	6892.83	262.17	43.91
1349	-550.74	48.81	1.22	3.65	548.71	1047.4	480.85	236.5	4895.9	309.61	54.73	36.12	1303.5	151.9	90.63	56.51	-93.58	40.05	108.88	55.16	7024.75	232.17	90.56
1350	53.73	82.15	0.58	6.01	1829.45	1219.8	646.59	228.1	8311.73	393.9	72.52	44.53	1150.1	163.2	109.4	60.5	65.21	38.87	464.77	126.43	28537.3	616.94	321.6
1350	-508.86	57.63	3.31	5.28	795.58	844.58	103.3	164.2	5042.18	267.85	9.89	28.27	1186.9	128.1	84.78	47.28	-19.36	33.17	57.54	57.46	4701.93	226.6	132
1351	-490.43	56.31	-0.3	4.79	1878.96	1175.1	484.54	218.1	8188.49	377.16	40.66	40.78	1124.8	141.9	43.6	50.69	-21.05	36.94	153.32	70.2	10939.5	324.73	63.45
1351	-663.49	52.49	1.81	4.84	569.26	798.44	81.49	161.8	4158.92	244.53	6.96	25.87	667.8	109.2	51.12	41.93	-10.92	33.55	-6.4	42.55	2947.05	174.78	112.9
1352	-359.67	72.73	0.25	4.46	949.5	961.11	487.4	194	6109.71	317	65.8	36.57	1252.4	139.6	133.6	52.49	13.14	32.78	231.8	96.23	19769.2	497.6	227
1352	-635.63	53	0.14	4.8	1366.8	1013.6	324.18	194.5	6728.44	324.6	30.36	34.96	1872.5	156.1	61.73	53.31	-20.95	35.43	75.91	57.83	6120.68	243.93	169.7
1353	-213.94	76.14	-2.8	6.18	1786.31	1228.5	583.64	225.1	8360.57	401.62	93.59	46.39	1529.8	175.9	117.7	63.37	47.88	37.96	430.24	124.75	27864.4	615.51	353.4
1353	-614.42	58.21	0.41	5.77	2351.69	981.06	91.66	149.5	6877.52	293.53	42.16	31.74	787.27	102.8	57.58	38.5	41.87	31.45	63.87	58.75	3017.69	189.37	157
1354	-350.84	68.33	5.23	5.91	1400.79	1054.5	503.97	202.2	6709.83	333.58	44.3	37.09	1314.2	152.2	90.73	55.04	53.45	36.06	299.81	100.1	19509.5	480.88	274.2
1354	-549.68	55.18	-1.3	4.53	1858.94	990.9	92.81	163.5	4486.08	253.66	8.9	26.86	662.33	109	55.83	42.11	35.12	35.21	45.9	51.2	4306.48	206.47	77.18
1355	-399.93	64.13	-0.2	4.92	2289.69	1087	696.37	202.9	7115.94	323.36	42.78	35.33	1718.3	152.2	80.85	52.87	2.02	32.29	228.2	83.42	9872.89	329.44	85.86
1355	-664.63	51.32	1.62	4.81	1557.48	948.2	145.78	168.7	5645.89	278.8	15.57	29.53	1534.6	139.8	56.61	48.84	-41.92	32.67	59.83	52.64	1847.29	138.57	53.02
1357	-46.24	79.55	4.45	5.8	2222.08	1204.3	1539.4	267.3	9703.07	405.03	46.33	43.53	1779.1	164	146	59.24	66.68	36	531.24	126.18	19853.2	510.78	66.49
1357	-204.75	68.65	-2.5	4.87	1417.86	1200.5	623.39	236.9	7672.13	387.77	60.56	43.59	1386.4	165.4	100.8	60.26	43.5	40.66	723.13	131.45	19676.6	472.62	298
1358	-336.63	61.36	3.61	5.04	138.35	809.86	605.85	205.6	3764.97	248.27	40.49	29.15	1297.8	147.5	102	54.32	-6.13	35.05	195.49	78.98	10519.2	334.33	207.1

Sample	Co Error	Se	Se Error	Rb	Rb Error	Sr	Sr Error	Zr	Zr Error	Pd	Pd Error	Cd	Cd Error	Sn	Sn Error	Te	Te Error	Cs	Cs Error	Th	Th Error	U	U Error
1340	123.52	1.32	3.56	13.5	3.42	118.6	8.33	32.06	7.14	-11.2	14.93	-13.8	14	-17.92	20.09	-120.7	53.96	-34.34	17.73	0.51	5.96	-0.4	8.91
1340	46.61	-3.1	2.42	1.09	2.12	29.55	4.45	25.58	5.88	-48.7	8.87	-77.2	8.34	-176.1	11.6	-507.7	34	-219.8	11.81	4.68	6.1	6.12	7.57
1341	140.67	-0.5	3.42	8.13	3.08	131	9.15	31.75	7.6	-22.4	14.07	-24.7	13.5	-57.59	19.01	-179	52.55	-85.37	17.18	2.24	6.48	-1.2	8.8
1341	31.25	-2.3	2.67	2.72	2.2	39.65	4.85	28.2	5.92	-41.9	9.84	-53	9.68	-148.2	12.94	-435.1	37.12	-181.9	12.75	4	5.91	2.76	7.22
1342	96.04	-1.3	3.51	4.08	2.91	107.3	8.81	36.59	7.98	-38.3	12.73	-63.3	11.77	-99.87	17.74	-363.6	48.41	-136.5	16.56	-3.85	5.68	4.4	9.57
1342	174.47	1.6	4.15	1.75	2.49	205.4	12.08	36.4	8.91	-25.7	14.66	-39.4	13.69	-73.09	19.78	-212.4	55.11	-82.54	18.26	0.05	6.5	-6.31	8.83
1343	61.17	-1.3	3.57	4.63	2.9	36.94	5.73	27.19	7.1	-26.8	13.21	-52.6	11.94	-140.6	16.09	-427.3	45.84	-192	15.59	3.22	6.88	2.47	9
1343	106.65	-0.9	3.19	8.85	3.15	106.4	7.92	35.83	7.19	-14.1	13.61	-33.9	12.24	-92.75	16.87	-250.4	47.7	-110.5	15.78	1.15	6.05	7.99	9.31
1344	41.98	0.8	3.4	4.34	2.63	44.52	5.59	35.24	6.85	-31.9	11.92	-45.8	11.3	-158.1	14.53	-422.7	42.49	-193.7	14.41	2.87	6.27	4.48	8.34
1344	47.5	-2.1	2.33	6.47	2.17	46.31	4.61	30.55	5.4	-28.3	9.97	-39.2	9.47	-113	12.82	-331	36.29	-144.3	12.16	2.77	5.06	-4.77	5.91
1345	86.59	0.64	3.38	3.45	2.36	60.83	6.26	25.48	6.49	-28.5	12.57	-47.1	11.64	-123.3	15.97	-338.4	45.66	-145.3	15.35	5.51	6.66	-2.99	7.39
1345	133.21	-1.4	3.51	3.82	2.73	102.2	8.12	35.89	7.48	-18.4	14	-38.2	12.67	-86.57	17.88	-269.6	49.64	-114.2	16.53	0.15	6.1	5.17	8.98
1346	105	0.44	3.41	3.3	2.46	82.49	7.27	38.83	7.31	-32.4	11.89	-46.8	11.25	-113.1	15.67	-349.3	43.87	-130.3	14.95	-0.82	5.78	0.49	8.03
1346	86.98	0.63	3.74	4.44	2.61	50.88	5.83	27.81	6.52	-9.36	13.41	-43.8	11.44	-130.4	15.3	-367.3	43.81	-161.9	14.77	3.25	6.2	2.84	8.14
1347	154.14	-3.1	3.37	11.9	3.49	143	9.88	60.15	9.08	-24.3	14.55	-40.7	13.44	-78.46	19.33	-243.4	53.68	-97.16	17.88	8.3	7.56	-6.74	8.99
1347	46.13	-0.7	2.96	1.7	2.24	43.44	5.1	29.49	6.11	-37	10.25	-57	9.64	-131.8	13.45	-436.4	37.42	-177.2	12.9	6.14	6.28	8.27	7.83
1348	69.91	-1.3	2.59	5.65	2.5	79.59	6.38	43.9	6.68	-13.7	12.21	-51.3	10.34	-111.3	14.67	-325.3	41.4	-133.6	13.94	3.69	5.69	2.72	7.68
1348	93.56	-1.4	4.4	5.74	3.71	70.17	8.71	26.97	8.73	-30.5	17.27	-34.5	16.81	-108.8	22.74	-273.8	65.05	-126.7	21.56	6.08	9	6.14	11.54
1349	65.91	1.32	3.18	5.68	2.62	70.9	6.34	29.04	6.36	-41.4	10.17	-60.6	9.68	-134	13.7	-417.4	38.49	-163.5	13.26	1.82	5.65	4.12	8
1349	60.04	0.1	2.59	5.29	2.18	55.9	5.03	25.3	5.34	-23.7	10.24	-44.5	9.32	-122.9	12.68	-334.3	36.28	-147.9	12.15	2.86	5.12	-0.14	6.47
1350	156.76	-1.3	3.81	14.5	3.95	185.1	11.41	50.12	9.23	-6.68	16.57	-31.7	14.5	-28.96	21.65	-135.1	58.59	-54.99	19.17	5.81	7.52	-1.66	10.42
1350	62.71	-2.3	2.84	6	2.8	79.3	6.96	37.1	7.06	-36.6	11.09	-62.9	10.17	-124.4	14.73	-393.6	41.22	-162.9	14.06	7.58	6.85	4.35	8.58
1351	80.96	-1.7	2.93	5.42	2.49	68.91	6.17	29.5	6.29	-25.1	11.54	-53.2	10.28	-113.7	14.61	-360	40.77	-148.8	13.81	4.52	6.04	0.06	7.43
1351	50.66	-0.8	2.93	3.76	2.38	60.11	5.98	28.9	6.34	-36.3	10.48	-60.8	9.68	-142.8	13.44	-444.2	38	-184.9	13.09	1.45	5.84	1.43	7.57
1352	126.78	-2.1	2.82	4.5	2.65	87.97	7.85	24.79	7.13	-16.6	15.19	-26.4	14.12	-80.68	19.36	-211.6	54.6	-100.6	17.91	-0.68	6.08	-3.47	8.08
1352	67.13	-2.2	2.69	2.4	2.13	69.41	6.2	33.92	6.43	-32.9	10.73	-63.9	9.6	-134.4	13.7	-400	38.97	-162.2	13.33	-1.41	5.16	-0.68	7.06
1353	157.41	-0.9	3.79	6.16	3.26	105.4	8.87	58.99	9.05	-16	15.49	-24.4	14.42	-75.63	19.86	-182.1	56.1	-89.78	18.31	5.05	7.31	7.76	10.22
1353	57.29	-1.9	3.28	3.74	2.63	66.11	6.66	28.41	6.86	-41.7	11.12	-54	10.88	-129.4	15.08	-426.5	42.01	-173.7	14.45	8.99	7.23	3.79	8.46
1354	123.91	1.24	3.63	5.15	2.82	112.3	8.53	71.74	8.88	-31.4	13.22	-21.1	13.44	-83.28	18.08	-263	50.13	-101.2	16.77	-4.72	5.19	1.84	8.95
1354	55.02	-1.4	2.73	1.82	2.17	60.02	5.86	38.78	6.6	-31.5	11.05	-49.9	10.31	-130.6	14.08	-388.9	39.95	-159.7	13.61	0.36	5.43	3.98	7.5
1355	83.3	-0.9	3.18	9.52	3.12	108.1	8.04	82.6	8.86	-30.4	12.55	-42.6	11.9	-114.3	16.37	-311.2	46.53	-123.5	15.67	0.26	5.8	1.24	8.73
1355	39.36	-1.2	2.96	0.8	2.3	59.32	5.9	59.8	7.43	-25.7	10.86	-71.3	9.06	-153.8	12.88	-467.5	36.7	-192.2	12.73	2.72	5.96	12.38	8.51
1357	125.24	0.39	3.75	14.6	3.8	94.27	8.3	49.36	8.39	-18.9	15.5	-24.8	14.59	-65.21	20.48	-138.5	57.74	-49.63	18.95	-2.53	6.2	-3.78	9.46
1357	122.23	1.74	3.61	11.2	3.45	108.4	8.2	46.89	7.83	-25.1	13.32	-27.9	12.85	-58.85	18.2	-237.2	49.38	-97.6	16.37	4.22	6.57	8.98	9.83
1358	88.59	-0.2	3.02	11.3	3.27	173.9	9.86	79.83	9.03	-27.2	12.04	-41	11.3	-93.26	15.88	-341.4	43.33	-122	14.8	2.31	6.2	1.94	9.26

Sample	Type	Locn	UTM	Easting	Northing	Au	Au Error	Ag	Ag Error	Cu	Cu Error	Pb	Pb Error	Zn	Zn Error	Ni	Ni Error	As	As Error	Sb	Sb Error	Mo	Mo Error	W	W Error
1358	Soil	Red Lion	9 V	678959	6271036	-3.1	3.21	-32.9	5.61	9.93	14.68	-16.2	6.18	19.23	10.41	-7.61	21.71	1.33	3.57	-130.7	12.08	7.38	3.71	-9.76	29.36
1359	Soil	Red Lion	9 V	678920	6271066	0.49	3.12	-30.6	4.77	13.17	12.05	-18	4.94	0.58	6.27	-11.9	17.04	1.98	2.89	-142.2	9.88	9.66	3.19	-23.21	21.53
1359	Soil	Red Lion	9 V	678920	6271066	-0.6	4.25	-33.7	6.22	-5.62	15.08	-11	7.56	10.25	11	-27.3	22.53	0.48	4.42	-137.7	13.34	11.8	4.16	46.93	40.24
1360	Soil	Red Lion	9 V	678882	6271102	-0.2	3.92	-15.5	7.14	29.41	16.54	-8.65	7.2	10.03	10.33	-26.8	21.09	0.17	4.16	-80.58	14.67	3.56	3.52	85.4	38.72
1360	Soil	Red Lion	9 V	678882	6271102	-1.4	3.13	-22	6.11	11.03	13.54	-15.2	5.87	4.93	8.07	-28	19.56	4.15	3.78	-114.2	12.47	5.11	3.42	-1.02	27.41
1361	Soil	Red Lion	9 V	678844	6271135	-0.1	4.49	-14.2	8.54	107.9	27.39	-6.34	8.96	42.34	15.51	-1.99	29.98	1.61	5.41	-69.22	17.71	16.8	4.63	-10.39	37.11
1361	Soil	Red Lion	9 V	678844	6271135	-0.6	3.94	-23.2	7.53	80.64	24.24	-12	7.74	40.58	14.41	2.61	27.78	8.31	5.45	-88.12	16.09	23.2	4.66	-40.17	31.4
1362	Soil	Red Lion	9 V	678825	6271161	-0.8	5.28	-6.65	10.57	98.66	32.14	-17.8	7.99	56.11	20.08	-4.27	38.19	13.3	6.56	-33.41	21.98	3.79	4.87	11.41	49.68
1362	Soil	Red Lion	9 V	678825	6271161	-3	4.24	-14.9	9.92	81.59	28.39	-12.1	8.73	47.35	17.96	-33.7	34.24	7.98	6.14	-33.57	21.6	4.12	4.6	6.29	44.25
1363	Soil	Red Lion	9 V	678776	6271156	-0.2	4.57	-11.9	8.68	48.87	22.15	-10.6	8.17	33.84	14.17	3.22	30.75	5.02	5.34	-62.95	17.91	-0.76	3.99	-21.2	35.14
1363	Soil	Red Lion	9 V	678776	6271156	-4.2	3.57	-27.9	7.76	38.28	22.23	-9.98	8.58	43.43	15.93	-3.44	31.06	4.17	5.5	-96	17	2.56	4.24	-9.91	38.73
1364	Soil	Red Lion	9 V	678726	6271164	3.62	5.04	-22.5	7.81	91.23	26.54	-1.83	9.79	66.27	18.22	-3.45	30.03	-0.79	5.67	-86.61	16.62	8.97	4.4	-3.97	39.05
1364	Soil	Red Lion	9 V	678726	6271164	-3.8	3.93	-12.3	9.46	149.2	32.6	-10.7	8.6	110	23.4	-0.12	32.79	2.65	5.33	-57.58	19.67	8.25	4.61	29.92	46.62
1365	Soil	Red Lion	9 V	678677	6271181	6.54	6.69	-9.37	10.37	97.89	31.16	-2.76	10.75	40.81	17.87	2.49	37.06	4.83	6.96	-44.4	21.58	5.24	4.83	11.46	48.07
1365	Soil	Red Lion	9 V	678677	6271181	-4	4.13	-20.9	8.8	90.29	28.2	-12	8.71	48.48	17.17	9.25	33.79	6.97	5.89	-54.17	19.38	4.58	4.49	-21.14	39.78
1366	Soil	Red Lion	9 V	678628	6271178	-1	3.78	-23.2	7.79	23.09	19.09	-6.23	8.54	27.63	13.24	-19.7	27.6	-0.24	5	-81.75	16.86	10.3	4.35	-9.7	35.27
1366	Soil	Red Lion	9 V	678628	6271178	2.49	5.21	-29.5	7.35	46.63	23.15	-6.14	9.21	78.32	19.66	-5.03	27.85	-0.18	5.34	-123	15.6	8.69	4.44	18.98	43.06
1367	Soil	Red Lion	9 V	678589	6271214	-2.6	4.1	-9.8	9.93	30.87	23.6	-2.7	10.26	40	16.85	24.45	37.24	-0.53	6.02	-53.13	20.44	6.62	4.66	11.75	46.12
1367	Soil	Red Lion	9 V	678589	6271214	-0	4.24	-29	6.65	51.66	21.48	-12.9	7.55	35.99	13.95	-24.6	25.42	4.67	4.89	-118	14.16	5.55	4.07	-16.59	33.54
1368	Soil	Red Lion	9 V	678558	6271249	-2.7	4.53	-6.34	9.65	59.72	25.34	-11.2	8.75	24.78	14.93	-25.7	32.93	8.76	6.17	-43.47	19.74	4.3	4.46	42.26	46.55
1368	Soil	Red Lion	9 V	678558	6271249	-4.8	3.96	-22.1	8.27	58.32	24.32	-9.76	8.89	17.76	12.99	-13.1	32.54	5.16	5.75	-89.16	17.52	6.76	4.44	0.71	39.85
1369	Soil	Red Lion	9 V	678519	6271289	1.62	5.85	-13.1	10.37	70.76	29.29	-13	8.83	36.78	17.72	19.61	37.59	3.97	5.7	-29.52	22.43	2.47	4.74	33.29	52.07
1369	Soil	Red Lion	9 V	678519	6271289	-1.5	4.06	-35.3	6.3	29.31	20.36	-9.3	8.2	75.69	18.46	13.39	27.74	2.21	5.04	-156.9	13.23	6.55	4.18	6.76	39.71
1370	Soil	Red Lion	9 V	678469	6271292	0.05	5.59	-6.15	10.98	65.07	29.02	-13.8	8.88	48.09	19.27	-20.9	36.97	7.98	6.32	-30.84	22.79	2.19	4.83	22.63	50.72
1370	Soil	Red Lion	9 V	678469	6271292	0.04	5.72	-16	10.12	41.87	26.53	-22.6	6.59	40.17	18.64	-6.4	34.89	8.26	5.11	-50.94	21.71	2.56	4.76	83.59	57.69
1371	Soil	Red Lion	9 V	678421	6271308	-1.3	3.99	-25	7.65	20.3	18.87	-6.75	8.55	6.95	10.57	15.84	29.76	2.74	5.31	-77.65	16.82	2.29	4.03	16.24	38.85
1371	Soil	Red Lion	9 V	678421	6271308	0.37	4.48	-32.4	6.46	12.74	17.37	-9.34	8.13	74.88	17.8	-46.1	22.08	5.84	5.4	-133.2	13.8	5.63	4.06	-6.69	34.8
1372	Soil	Red Lion	9 V	678373	6271325	-0.8	4.58	-18	8.51	65.08	25.09	5.37	11.09	44.14	16.18	-3.12	31.1	4.69	7.12	-92.16	17.42	5.61	4.42	-15.09	38.75
1372	Soil	Red Lion	9 V	678373	6271325	-1.5	5.32	-13.9	10.85	89.66	32.84	2.64	12.51	53.19	20.14	11.26	40.33	0.29	7.48	-2.47	24.31	3.25	5.02	-27.89	47.25
1373	Soil	Red Lion	9 V	678333	6271353	2.54	5.5	-23	8.14	26.2	21.35	9.78	11.79	27.06	14.25	-3.46	31.91	0.65	7.14	-76.94	17.63	0.73	4.33	-7.42	39.73
1373	Soil	Red Lion	9 V	678333	6271353	2.63	6.15	-11.9	9.91	41.73	25.26	23.9	14.49	31.01	16.54	-14.9	34.37	0.77	8.89	-45.12	20.85	4.3	4.77	30.32	48.84
1374	Soil	Red Lion	9 V	678298	6271392	-0.4	5.1	-6.21	10.24	42.81	24.71	15.42	13.29	32.07	15.89	-13.7	33.93	1.23	8.13	-44.87	20.87	7.1	4.85	-15.25	41.73
1374	Soil	Red Lion	9 V	678298	6271392	0.15	5.21	-10.3	9.91	17.11	21.53	-11.3	9.07	20.27	14.31	23.4	34.71	6.54	6.03	-28.46	21.11	6.17	4.75	15.12	45.31
1375	Soil	Red Lion	9 V	678264	6271427	-0.3	5.2	-0.63	11.18	59.79	27.78	-6.83	9.9	48.64	18.98	12.2	37.3	2.18	6.14	-7.88	23.13	1.97	4.71	37.21	51.65
1375	Soil	Red Lion	9 V	678264	6271427	3.77	4.71	-34.7	6.11	29.04	18.78	-12.9	7.18	33.2	13.46	-7.62	24.86	3.1	4.5	-127.9	13.4	6.87	4.02	11.12	36.35

Sample	Ba	Ba Error	Hg	Hg Error	S	S Error	K	K Error	Ca	Ca Error	Sc	Sc Error	Ti	Ti Error	V	V Error	Cr	Cr Error	Mn	Mn Error	Fe	Fe Error	Co
1358	-638.84	47.46	4	4.41	1229.87	1071.4	1381.1	275.5	6663.37	334.84	-16.88	33.27	1280.2	141	15.85	49.54	-135.5	36.92	7.7	40.49	2144.88	136.43	21.81
1359	-760.73	38.45	0.62	3.08	-190.36	937.42	-611.95	177.4	8997.52	393.13	89.04	44.25	343.62	108.6	-12.83	42.88	-322.7	36.45	-45.42	23.53	872.73	76.65	-6.9
1359	-814.89	50.87	2.12	5.72	321.16	673.88	584.57	175.5	4414.75	234.2	40.3	26.23	563.19	94.34	43.59	36.16	20.42	30.32	98.03	57.95	1487.46	126.4	-6.52
1360	-407.54	55.54	-4.5	4.89	872.11	992.65	616.15	222.2	5014.43	295.43	38.63	33.29	956.98	140.2	51.23	51.57	-12.16	37.88	58.24	51.05	7559.13	249.78	112
1360	-574.14	48.01	1.59	3.96	-386.8	783.13	258.45	205.8	2989.51	231.43	56.62	29.12	622.9	127.5	27.07	48.43	-118.8	37.05	25.12	42.77	4827.09	191.91	132.6
1361	-62.08	70.61	2.45	5.31	530.6	940.72	808.79	227.2	6026.91	323.37	62.98	37.26	1784.5	169.9	120.1	60.57	90.62	38.95	237.99	87.69	14685.1	404.17	232.4
1361	-193.31	64.54	2.39	4.54	634.41	869.54	571.62	197.5	4487.62	262.19	32.14	29.66	1399	148.1	58.82	52.22	39.23	35.13	366.31	95.42	11000.7	340.68	94.32
1362	86.76	85.66	-3.9	6.12	893.93	1058.5	501.54	211	8573.91	394.81	104.3	45.93	1698.4	174.7	154.4	63.53	99.88	38.41	336.23	120.46	28842.4	654.27	300.1
1362	148.75	84.91	1.67	6.17	1431.92	1286.6	778.73	257.3	9510.63	450.07	45.3	49.04	1961.9	197.5	167	71.65	26.08	40.45	407.58	123.38	31166.9	645.84	413.6
1363	-126.38	69.82	6.58	5.54	1471.57	1180.4	445.22	218.7	5844.49	338.21	31.68	37.69	1041.2	152.6	117.1	58.41	51.71	40.44	169.43	82.92	20919.9	479.39	247.8
1363	-327.66	67.16	3.33	5.54	628.44	927.25	449.05	198.3	5283.02	302.06	64.43	35.45	813.25	133.7	64.84	49.81	46.56	36.06	133.56	85.52	23466.5	526.79	144.6
1364	-30.96	68.67	1	5.44	633.54	869.33	415.26	190.1	5421.17	291.29	2.26	30.45	2085	165.6	74.77	56.25	46.11	35.55	156.62	76.34	8469.03	312.3	246.6
1364	72.67	78.88	0.11	6.14	2014.93	1318.1	1138.1	272.5	9752.68	442.75	78.28	49.43	1640	181.1	90.08	63.76	104.32	42.09	962.01	155.55	23946.7	544.89	165
1365	203.76	86.91	-3.8	6.13	819.64	993.41	713.96	218	4706.84	294.07	78.96	36.1	955.04	145	113.3	55.16	118.04	38.77	370.47	122.3	29684.8	648.66	219.5
1365	66.44	77.57	2.74	5.58	1052.64	1008.5	538.28	206.1	5349.93	306.21	8.76	32.68	999.97	133.2	112	51.25	91.73	38.08	242.14	98.92	22736.6	535.12	173.5
1366	-251.63	65.88	1.61	5.01	4129.32	1452.4	732.64	230.2	8325.71	381.59	67.84	42.67	2196.8	181.3	170.2	64.94	24.41	37.58	185.63	80.74	15623.5	410.2	203.9
1366	-505.22	62.27	-2.3	5.53	8444.15	1577.2	561.08	184.4	10896.4	375.23	16.06	38.27	1024.9	124.3	37.73	43.79	67.68	31.87	50.3	56.95	2300.89	167.98	13.75
1367	87.62	81.84	0.7	6.17	3074.84	1305.9	457.58	202.1	6862.96	346.79	88.12	40.73	1205	151.1	64.27	53.69	91	37.45	238.76	102.64	25233.2	578.75	259.2
1367	-436.37	56.91	0.77	4.68	2634.17	1226.1	787.17	230.8	7462.53	351.52	8.4	36.48	1558.4	151.2	51.53	52.47	-26.52	36.16	94.15	65	8577.96	300.25	152.5
1368	256.99	80.31	-2.5	6	1514.66	1332.1	344.83	230.4	5220.67	348.74	39.49	40.52	1507.1	184.6	154.7	69.3	56.96	44.22	245.8	106.21	35499.9	668.35	301
1368	45.4	73.32	4.82	5.9	1042.1	953.47	162.65	171.3	3436.01	240.01	-3.3	25.87	1719.6	161	89.92	56.68	73.11	36.86	106.28	78.56	17564.7	458.06	451.3
1369	510.67	93.08	0.38	7.03	901.71	1032.2	935.79	235.4	6658.92	349.69	69.22	40.29	1023.9	154.1	164.4	60.06	99.55	38	513.01	136.95	29419.6	653.16	42.62
1369	-751.72	53.18	1.48	5.4	1466.1	924.58	49.61	158	5780.19	281.96	11.65	29.52	989.71	117.8	54.4	43.18	33.06	34.16	23.34	49.85	2472.08	166.87	-25.09
1370	313.39	92.23	1.19	7.01	1343.98	973.47	928.23	211.2	8007.14	344.85	76.62	38.94	1303	142.9	143.5	53.28	108.19	33.78	338.89	119.93	26256.5	625.75	342.4
1370	196.27	88.27	-2	7.56	679.5	767.72	762.38	184.7	6924.18	302.05	45.72	32.99	664.8	109.5	53.37	40.52	99.84	30.49	259.69	103.39	14566.2	462.16	122.9
1371	-205.23	66.21	-2.1	4.98	402.39	932.04	489.91	208.8	3683.89	261.85	30.17	30.7	1618.2	176.7	78.87	62.36	44.33	38.46	145.05	76.13	15488.7	404.27	135.7
1371	-545.53	55.57	2.53	5.08	7951.98	1591.1	402.97	188.3	10089.1	369.02	39.9	38.95	1376.2	149	59.19	52.6	-82.48	30.61	54.97	55.17	3405.1	190.64	86.02
1372	-122.1	71.53	2.79	5.56	1321.13	894.68	144.69	155.2	3529.23	224.5	32.18	25.97	2626.2	165.7	85.09	54.7	87.12	34.16	167.2	80.75	9397.29	336.76	239.6
1372	458.18	97.06	2.36	6.57	1629.57	1086.3	1167.5	238.9	8891.64	384.53	73.11	42.82	1277.2	151.6	76.95	53.72	125.73	36	684.98	159.81	31537.5	709.48	141.9
1373	172.43	74.41	0.88	5.58	1584.12	979.82	213.83	168.7	4706.27	265.51	31.99	29.75	2477.6	166.5	68.65	54.76	55.42	34.34	322.13	98.79	12039.1	383.05	282.7
1373	311.77	85.93	0	6.73	1024.6	1099.2	943.79	244.1	6634.3	354.81	23.47	38.71	1051.7	159.2	112.6	59.93	74.19	38.77	646.23	145.98	35112.4	696.03	94.27
1374	429.19	87.64	5.35	6.4	524.23	914.63	1523.6	258.8	7083.04	341.13	35.88	37.14	1722.2	167	69.53	57.63	48.45	34.87	481.87	124.01	21752.2	539.33	250.6
1374	575.45	88.63	0.32	6.19	1242.79	1060.4	2140.3	295.6	7528.06	358.74	37.55	38.93	1743.1	176.1	166.7	64.59	30.4	35.57	610.34	132.62	21668.8	527.43	59.46
1375	408.73	92.24	-0.8	6.82	2036.65	1116.6	1652.8	260.1	9314.84	382.84	75.37	42.47	1520.5	162.2	94.09	57.29	120.02	35.61	437.4	126.57	23665	580.4	194.8
1375	-524.72	53.95	-4.1	4.52	1005.77	928.27	183.41	184	7626.25	335.16	14.38	34.7	552.33	102.5	9.68	38.47	-48.4	34.42	19.03	46.4	2246.2	151.89	64.22

Sample	Co Error	Se	Se Error	Rb	Rb Error	Sr	Sr Error	Zr	Zr Error	Pd	Pd Error	Cd	Cd Error	Sn	Sn Error	Te	Te Error	Cs	Cs Error	Th	Th Error	U	U Error
1358	35.98	1.69	2.92	3.15	2.24	58.53	5.39	44.27	6.29	-36.5	9.4	-59.3	8.75	-142.7	12.08	-443.6	34.15	-187	11.74	0.15	4.97	8.38	7.58
1359	19.99	0.18	2.33	0.49	1.55	18.23	3	8.38	3.94	-38	7.79	-59.3	7.31	-152.7	9.9	-478.2	28.03	-201	9.71	1.12	4.3	2.81	5.52
1359	31.92	-1.5	3.12	1.49	2.22	12	3.41	14.06	5.25	-40.5	10.26	-65.9	9.55	-160	13.08	-484.9	37.49	-210.2	12.96	-0.96	5.31	7.62	7.79
1360	65.1	-0.6	3.04	5.81	2.37	63.53	5.5	28.42	5.7	-17.1	11.7	-37	10.54	-93.78	14.66	-270.6	41.12	-115.3	13.68	-0.33	4.97	2.9	7.05
1360	52.95	-1.3	2.35	4.83	2.18	55.89	5	27.83	5.39	-27.4	9.93	-39.7	9.36	-119	12.59	-354	35.55	-159.9	11.92	-0.26	4.67	3.28	6.76
1361	105.13	-0.1	3.43	11.8	3.49	181	10.29	71.61	9.07	-26.9	13.22	-23.7	13	-79.59	17.82	-229.4	49.55	-85.23	16.5	5.89	6.93	5.5	9.98
1361	85.96	-0.8	2.98	9.39	3.02	165.1	9.58	66.54	8.57	-23.3	12.58	-37.6	11.67	-88.12	16.42	-287.6	45.32	-105.8	15.27	7.91	6.87	-2.96	8.49
1362	165.64	0.63	4.3	6.07	3.56	266.5	14.31	55.28	10.51	-16.3	16.51	-21.4	15.49	-42.79	22.16	-111.4	61.3	-44.78	19.99	0.7	7.01	7.25	11.74
1362	165.55	-0.8	3.59	9.99	3.49	291.7	14.19	55.62	10.16	-1.61	17.26	-14.5	15.51	-16.99	22.38	-92.5	60.56	-22.24	19.84	2.43	7.07	-7.5	10.06
1363	122.33	0.88	3.5	7.39	3.07	128.4	8.73	44.33	7.74	-21	13.66	-23.6	13.03	-69.26	18.09	-171.4	50.78	-80.24	16.59	-0.31	5.86	7.07	9.5
1363	130.91	0.21	3.33	8.54	3.2	132.3	9.19	41.24	7.97	-11.4	14.21	-38.9	12.43	-104.1	17.11	-293	48.36	-128.1	16.12	4.45	6.82	2.96	9.41
1364	86.09	-4	3.08	7.9	2.96	183.4	10.51	58.62	8.88	-18.8	13.27	-40.9	11.91	-81.73	17.14	-252.8	47.44	-92.66	15.87	24.7	9.24	-7.77	8.36
1364	135.66	-0.8	3.45	10.6	3.54	262.3	12.96	76.84	10.23	-8.27	15.79	-18	14.44	-36.23	20.58	-134.1	56.11	-41.8	18.46	-1.58	6.17	0.85	10.42
1365	161.94	-0.5	4.47	15.2	4.21	268.1	14.02	72.65	10.87	-19.6	16.18	-11.4	15.84	-20.52	22.6	-166.3	59.7	-30.61	20	0.95	7.27	-1.67	11.34
1365	133.9	3.9	4.13	14	3.84	212.9	11.84	56.78	9.36	-6.03	15.64	-31.8	13.65	-40.89	20.08	-192.8	53.99	-63.08	17.95	1.62	6.72	1.4	10.55
1366	105.39	-4.1	2.38	7.25	3.02	168	9.78	67.28	8.68	-12	13.74	-23.4	12.6	-91.62	16.89	-214.9	48.27	-103.7	15.81	-1.5	5.7	5.57	9.37
1366	43.45	-0.1	3.8	2.6	2.52	57.31	6.34	35.03	7.14	-23	12.91	-51.8	11.44	-133.8	15.67	-418.5	43.97	-157.3	15.22	7	7.11	3.79	8.36
1367	146.52	-3	3.16	8.37	3.29	189.7	11.51	49.36	9.21	-9.58	16.24	-23.8	14.71	-19.55	21.69	-205.3	56.49	-51	18.99	5.03	7.48	-3.99	9.56
1367	79.12	0.45	3.32	6.14	2.72	108.6	7.88	39	7.23	-33.7	10.98	-51.7	10.3	-119.7	14.43	-382.9	40.25	-153.9	13.73	5.42	6.44	0.87	8.21
1368	167.62	1.69	4.09	18.2	4.05	167.2	10.57	54.73	8.99	-17	15	-24.8	13.98	-26.38	20.57	-143.4	55.13	-52.46	18.1	3.1	6.98	-5.01	9.82
1368	124.01	3.99	4.07	12.7	3.55	132.5	9.24	57.43	8.6	-13.4	14.37	-25.8	13.17	-54.53	18.71	-212.4	50.8	-78.34	16.85	4.28	6.89	0.13	9.56
1369	158.44	-1.3	4.14	20.9	4.81	151.2	10.82	46.86	9.2	-12.8	17.04	-10.3	16.2	-24.69	23.05	-83.28	62.77	-1.68	20.72	-1.11	6.81	8.84	12.37
1369	39.99	-0.8	3.18	-0.5	2.18	21.24	4.19	22.77	5.99	-36.2	10.82	-61.1	9.99	-163.6	13.35	-510.1	37.99	-215.3	13.26	1.74	5.97	12.04	8.48
1370	160.35	-0.6	4.21	14.2	4.29	260.9	14.2	63.52	10.78	-16.8	17.06	-29.1	15.69	-32.58	23.28	-107.5	63.57	-38.94	20.77	-0.45	7	2.9	12.06
1370	116.38	-0.5	4.41	9.49	3.64	171.1	11.5	56.67	9.76	-20.2	16.37	-22.7	15.6	-28.73	22.73	-139.6	61.31	-47.56	20.16	0.25	6.74	-0.36	10.46
1371	101.91	-0.6	3.21	9.3	2.99	126.2	8.48	68.02	8.36	-18.8	13.24	-36.2	12.06	-90.1	16.85	-281.5	46.75	-99.59	15.77	1.8	6.11	-2.1	8.25
1371	52.53	1.19	3.49	4.17	2.47	52.76	5.76	37.05	6.71	-34.4	10.91	-51.6	10.3	-142.2	13.87	-427.8	39.4	-178.3	13.52	0.42	5.71	1.2	7.71
1372	91.45	0.54	3.65	14.3	3.72	188	10.89	64.29	9.22	-16.2	14.22	-48.6	12.3	-80.79	18.15	-271.6	49.86	-101.5	16.73	2.77	6.95	-1.14	9.91
1372	174.61	1.74	4.58	13.5	4.26	279	15.17	59.75	11.19	-11.8	17.99	-27.4	16.27	7.21	25.08	-28.94	67.31	12.12	21.97	6.76	8.72	-3.53	11.81
1373	102.94	1.65	4.09	20.3	4.4	310.3	13.91	77.33	10.41	-22.3	13.63	-37.5	12.58	-80.53	17.98	-224.5	50.12	-86.94	16.64	-4.34	6.14	5.1	11.76
1373	169.75	0.92	4.58	14.4	4.13	353.5	15.81	89.97	11.81	-1.91	16.94	-30.7	14.56	-27.42	21.8	-102.1	59.36	-35.82	19.37	4.67	8.17	-2.9	11.6
1374	137.33	0.18	4.01	29	5.07	488.3	18.2	131.8	13.48	-16.1	15.96	-29.2	14.63	-31.88	21.73	-146.9	58.4	-44.04	19.29	12	9.08	-14.8	12.16
1374	128.89	0.7	4.13	30.6	5.23	570.3	19.23	134.2	13.66	-12.6	16.04	-20.5	14.84	-13.94	21.95	-112	58.51	-30.37	19.23	12.5	8.7	-6.1	13.17
1375	145.56	-2.4	3.74	14.5	4.18	264.6	13.96	69.73	10.75	7.92	18.67	-27.3	15.59	-0.93	23.85	-58.92	63.79	2.35	20.93	-3.24	6.47	1.23	11.62
1375	42.89	-3	2.93	4.81	2.67	120.6	8.05	42.15	7.24	-36.9	10.37	-67.4	9.37	-131.8	13.63	-395.4	38.68	-173.7	13.11	4.8	6.19	6.93	8.55

Sample	Type	Locn	UTM	Easting	Northing	Au	Au Error	Ag	Ag Error	Cu	Cu Error	Pb	Pb Error	Zn	Zn Error	Ni	Ni Error	As	As Error	Sb	Sb Error	Mo	Mo Error	W	W Error
1376	Soil	Red Lion	9 V	678238	6271472	0.08	4.4	-29	6.87	22.82	19.29	-12.7	7.72	143.1	23.69	-11.5	25.62	0.77	4.48	-114.8	14.72	3.77	4.11	6.3	39.44
1376	Soil	Red Lion	9 V	678238	6271472	-0.5	5.12	-12.3	10.38	75.1	29.16	-5.19	10.23	50.14	19.05	-5.31	36.89	10.2	7.34	-38.51	22.1	-4.07	4.49	21.21	49.27
1377	Soil	Red Lion	9 V	678212	6271516	-1.7	4.85	-1.84	11.06	53.83	26.97	-11.8	9.01	74.56	21.4	10.66	36.28	5.15	5.95	-12.11	22.95	3.32	4.73	18.52	49.27
1377	Soil	Red Lion	9 V	678212	6271516	0.18	4.94	-25.4	8	22.5	21.43	-13.4	8.33	40.13	15.89	7.28	32.53	10.2	6.09	-75.02	17.71	4.47	4.46	-15.2	39.95
1378	Soil	Red Lion	9 V	678182	6271555	0.15	5.49	-19.7	9.96	111.6	32.61	-17.5	8.06	70.45	21.04	5.74	36.69	12.2	6.39	-24.55	22.6	0.32	4.7	-23	44.38
1378	Soil	Red Lion	9 V	678182	6271555	-0.2	3.86	-43.3	5.37	49.77	20.54	-4.21	8.49	20.35	11.85	-5.89	24.65	-0.58	4.93	-144	12.44	6.72	3.96	7.19	35.28
1379	Soil	Red Lion	9 V	678146	6271591	-0.8	4.77	-11.5	9.95	183.6	36.73	-14.2	8.24	71.88	20.8	8.44	36.12	4.35	5.37	-30.43	21.27	4.76	4.71	-1.9	45.09
1379	Soil	Red Lion	9 V	678146	6271591	-2.3	4.52	-19.8	9.64	14.94	23.35	-8.98	9.67	91.26	22.94	9.75	33.48	1.43	5.85	-96.81	19.99	2.93	4.63	-4.47	47.69
1380	Soil	Red Lion	9 V	678101	6271618	0.88	5.7	-13.3	10.72	75.84	30.28	-1.28	11.18	78.8	22.55	-2.75	38.35	4.35	7.25	-26.63	23.32	3.67	4.87	1.49	49.22
1380	Soil	Red Lion	9 V	678101	6271618	2.58	4.42	-36.4	5.76	44.22	19.89	-16.5	6.5	40.66	13.72	-2.21	24.61	4.04	4.19	-140	12.57	7.02	3.95	-31.16	30.49
1381	Soil	Red Lion	9 V	678060	6271651	1.62	5.24	-16.7	9.03	30.93	21.83	-10.1	8.8	34.43	15.65	-22.6	30.34	4.14	5.59	-41.51	19.65	1.36	4.38	31.41	44.3
1381	Soil	Red Lion	9 V	678060	6271651	-1.4	4.04	-30.9	6.89	22.18	19.08	-14.1	7.51	39.61	14.72	-22.7	25.69	5.49	4.97	-95.27	15.44	4.76	4.18	-4.2	36.32
1382	Soil	Red Lion	9 V	678019	6271678	-1.6	5.2	-10.4	10.38	62.07	28.29	-9.33	9.82	57.21	19.86	-15.1	37.84	5.73	6.5	-38.58	21.84	7.09	4.96	2.46	47.46
1382	Soil	Red Lion	9 V	678019	6271678	2.75	4.63	-34.2	5.95	33.21	18.83	-9.28	7.77	37.8	13.72	-17.2	23.46	0.67	4.56	-130	12.96	4.16	3.88	0.25	34.23
1383	Soil	Red Lion	9 V	677976	6271702	2.64	5.82	-0.92	10.64	19.47	22.44	-11.2	9.28	32.8	16.66	-46.3	31.25	6.02	6.17	-25.54	21.65	0.89	4.76	26.18	47.25
1383	Soil	Red Lion	9 V	677976	6271702	-1.1	4.32	-34.3	6.91	31.84	21.74	-7.36	8.97	32.57	14.86	-7.85	28.65	0.96	5.38	-117.8	15.38	6.37	4.46	1.99	40.48
1384	Soil	Red Lion	9 V	677947	6271742	3.37	5.98	-2.55	10.47	42.02	24.89	-2.34	10.57	42.8	17.73	6.49	33.94	6.9	7.08	-25.31	21.48	6.72	4.8	31.73	48.72
1384	Soil	Red Lion	9 V	677947	6271742	0.29	4.63	-22.1	7.55	80.16	25.32	-12.9	7.98	38.41	15.05	-43.2	24.42	0.96	4.66	-111.7	15.42	9.52	4.7	-24.09	34.63
1385	Soil	Red Lion	9 V	677924	6271788	-2.1	5.05	-15	10.18	77.46	29.58	0.05	11.4	79.05	21.98	6.89	37.77	9.14	7.84	-44.94	21.86	9.34	4.96	-6.16	46.73
1385	Soil	Red Lion	9 V	677924	6271788	-2.1	4.2	-26.1	7.67	74.13	26.6	-4.06	9.68	45.01	17.06	-1.6	31.29	4.09	6.22	-108	16.25	7.24	4.53	33.98	46.16
1386	Soil	Red Lion	9 V	677884	6271823	1	5.71	-8.17	11.5	109.5	34.12	-6.1	10.66	98.11	25.02	9.06	39.76	14.4	8.12	-5.01	24.89	4.9	5	10.21	52.37
1386	Soil	Red Lion	9 V	677884	6271823	1.63	4.09	-43.2	5.11	24.38	16.84	-11.8	7.01	16.24	10.65	-16.5	21.76	1.83	4.21	-145.3	11.8	6.23	3.76	12.72	33.22
1387	Soil	Red Lion	9 V	677855	6271867	-0.5	5.24	-0.39	11.8	60.72	29.72	-9.36	10.05	78.09	22.69	26.45	41.66	11.5	7.48	-12.09	24.29	8.46	5.24	-30.74	47.08
1387	Soil	Red Lion	9 V	677855	6271867	-1	4.68	-34.7	7.22	32.75	22.77	-8.97	8.98	127.9	24.56	-13.9	28.32	5.3	5.93	-142.1	15.5	5.47	4.45	16.6	45.32
1388	Soil	Red Lion	9 V	677811	6271897	-0.3	5.53	-10.7	10.1	93.4	31.33	-7.34	10.14	39.94	18.45	-34.5	36.26	4.65	6.56	-55.57	20.81	3.62	4.82	46.47	52.7
1388	Soil	Red Lion	9 V	677811	6271897	-2.1	3.29	-35.9	5.6	34.86	18.29	-10.9	7.3	46.18	14.14	-26.5	21.21	1.59	4.38	-143.7	12.06	8.01	3.87	-4.51	32.21
1389	Soil	Red Lion	9 V	677771	6271931	2.33	5.42	-20.7	9.51	74.27	27.69	-6.66	9.7	81.8	21.34	-18.6	33.54	9.12	6.83	-44.54	21.18	5.67	4.68	-1.27	44.08
1389	Soil	Red Lion	9 V	677771	6271931	-1.6	4.3	-31.1	7.16	36.6	22.06	-13.9	7.76	24.19	13.73	-27.7	26.63	5.23	5.2	-116.3	15.57	7.73	4.43	-0.64	39.36
1390	Soil	Red Lion	9 V	677725	6271962	3.79	6.42	-12.7	10.64	73.4	30.43	-3.67	10.95	111.9	25.82	23.6	39.56	6.09	7.29	-33.74	22.82	5.66	4.98	-8.01	49.6
1390	Soil	Red Lion	9 V	677725	6271962	1.02	5.28	-32.1	7.64	39.92	25.11	-7.36	9.63	38.01	16.83	0.02	31.88	4.18	6.23	-122.5	16.55	8.68	4.81	12.34	46.98
1391	Soil	Red Lion	9 V	677676	6271981	0.72	5.42	-7.6	10.75	94.5	30.99	-6.68	10.14	63.72	20.34	16.85	37.27	6.89	6.84	-22.83	22.72	4.69	4.76	-2.44	47.07
1391	Soil	Red Lion	9 V	677676	6271981	-2.5	3.4	-33.8	6.2	54.7	21.81	-12.6	7.42	32.99	13.74	-14.8	25.15	4.85	4.88	-137.6	13.28	7.88	4.14	4.2	36.48
1392	Soil	Red Lion	9 V	677579	6272013	0.83	5.05	-16.3	9.57	22.21	22.78	-18.6	7.19	37.89	16.86	14.03	36.77	12.7	5.98	-43.41	20.79	3.28	4.61	28.99	48.35
1392	Soil	Red Lion	9 V	677579	6272013	0.23	4.33	-25.2	6.66	39.93	20.02	-13.3	7.3	45.52	14.81	-5.78	25.05	4.5	4.71	-133.2	13.4	10	4.13	3.03	35.88
1393	Soil	Red Lion	9 V	677579	6272013	0.91	5.9	-8.12	11.3	77.41	30.5	-8.41	10.23	70.77	21.64	-4.19	37.87	7.96	7.05	-19.75	24.07	-1.75	4.74	-18.66	46.44

Sample	Ba	Ba Error	Hg	Hg Error	S	S Error	K	K Error	Ca	Ca Error	Sc	Sc Error	Ti	Ti Error	V	V Error	Cr	Cr Error	Mn	Mn Error	Fe	Fe Error	Co
1376	-437.91	58.82	-1.6	5.04	50524	4113.6	279.98	239.7	41500	829.81	38.52	83.29	3842.3	255.4	10.58	81.05	-192.4	27.62	42.95	52.39	1824.87	143.9	25.63
1376	298.09	89.67	-1.7	6.41	2741.31	1364.8	2176.9	316.2	12978.2	487.37	95.42	53.38	2059.9	184.4	167.9	66	115.11	39.7	613.6	145.15	30487	659.35	257.4
1377	325.69	90.75	0.59	6.6	1801.62	1236.6	1782.6	296.6	13248	493.42	96.83	54.05	1771	185.9	125.4	65.92	74.13	37.77	581.53	139.24	26753	613.31	93.56
1377	-139.83	70.56	2.27	5.67	1501.8	930.18	639.41	188.8	6058.57	289.18	-25.58	28.55	2862.4	175.7	79.26	57.59	69.18	32.84	162.75	79.91	9013.91	335.95	216.1
1378	351.43	91.09	2.28	6.22	2015.64	1242.3	1909.8	297.5	13511.2	488.74	67.93	52.27	1797.1	176.9	124.2	62.64	106.17	38.19	743.59	155.47	30036.6	657.86	99.98
1378	-612.85	50.53	0.46	4.84	1468.42	1074.7	881.54	241	9085.16	381.34	37.42	40.36	1133.8	136.9	51.38	49.63	-35.53	37.56	113.72	61.66	3473.36	186.24	47.19
1379	246.42	85.07	-1.1	5.82	2179.64	1433.9	1925.8	332.4	14361.8	549.34	135.3	61.52	2375.6	215.3	126.1	74.13	49.34	41.48	492.1	131.36	33101.7	666.92	171.3
1379	-371.9	77.97	2.32	6.52	10263.9	1243.8	597.52	123.7	10424.8	273.27	36.65	28.3	1000.6	86.27	14.1	28.48	-91.4	12.79	69.35	66.65	1511.63	153.01	-15.62
1380	384.66	94.46	5.59	7.29	361.21	909.61	1723	269.3	10701.2	415.97	46.45	44.36	1392.5	158.9	110.4	57.38	105.37	35.64	674.52	152.69	28693.4	655.89	263.9
1380	-670.16	50.07	2.2	4.45	3912.96	1319.6	140.05	191.1	8792.83	363.59	47.06	38.98	951.44	123.1	-30.42	41.65	-96.57	34.66	40.45	49.35	1578.15	126.88	43.48
1381	338.91	80.89	-4.2	5.6	1319.4	1137	1415.3	273.5	6148.34	341.18	21.14	37.09	1734.6	178.2	206.7	67.44	18.36	38.08	362.75	108.55	21265.4	507.73	192.8
1381	-268.92	61.95	-0.5	4.88	2813.52	1107.7	480.29	188.4	7831.7	326.87	22.07	34.24	2137.5	150	59.1	49.88	29.23	33.55	-7.89	46.79	3811.61	204.86	126.7
1382	312.83	89.27	2.63	6.7	3364.99	1489.1	1444	287.8	11583.6	477.67	95.31	53.13	1791.8	185	118.7	65.41	106.82	40.8	866.48	166.28	33988.3	704.42	368.1
1382	-559.74	51.96	0.58	4.79	3470.82	1257.8	74.61	182.4	8286.25	350.77	0.88	35.72	1410.7	143.4	41.5	50.36	-65.05	35.25	51.69	51.01	1708.87	132	60.52
1383	463.72	88.8	-2.1	6.36	1552.65	1084.1	1260	248.6	5679.77	314.99	32.64	34.85	1362.8	155.7	127.3	57.58	29.95	34.94	601.73	137.99	22823	561.92	211.9
1383	-311.7	63.49	3.62	5.9	2420.77	952.79	223.98	151.8	5921.36	266.02	22.39	28.11	567.32	86.62	31.28	32.79	-40.54	27.32	-8.19	48.08	2999.94	191.85	88.66
1384	542.29	89.17	-0	6.66	1509.59	1101.6	1562.2	268.8	8275.53	377.26	31.65	40.36	1328	157.2	88.5	56.54	47.71	35.63	553.77	131.08	21048.4	532.89	39.37
1384	-272.76	63.53	4.01	5.36	3789.34	1219.8	582.81	195.7	8619.33	345.6	37.23	36.53	632.09	107.3	77.53	42.18	14.12	33.12	140.17	71.29	5018.91	241.21	92.64
1385	454.1	91.82	6.68	7.01	1388.1	1185.9	1889.6	302.3	11068.2	456.66	97.8	51.04	1648.7	182.3	98.68	64.14	122.55	39.82	1341.3	195.16	31917.4	677.81	202.1
1385	-242.02	66.81	-2.4	5.88	3165.61	1063	613.46	178.5	7917.94	309.21	20.38	32.3	1719.6	138	53.98	46.82	42.3	30.17	64.22	66.05	6504.09	285.45	191.4
1386	1090.9	108.67	-3.1	6.56	2285.36	1256.4	2591	323.7	11579.8	451.43	44.73	47.93	1324.9	175.4	139.2	64.71	117.65	37.83	900.5	175.23	34857.7	734.67	136.4
1386	-544.62	48.78	-3.5	4.17	1088.98	992.47	534.01	219.2	7187.38	332.54	-22.84	32.62	613.59	110.5	23.18	42.56	-118.6	35.7	-4.95	38.45	1407.27	114.79	26.68
1387	592.63	99.93	6.42	7.08	2749.83	1290.6	2962.3	334.4	15143.7	500.47	117	54.6	1877.5	174.9	118.5	61.04	81.41	35.21	847.67	169.64	28499.9	666.75	220.3
1387	-478.04	64.44	1.63	6.19	7811.45	1529.5	928.87	206.4	13467.4	414.42	65.64	43.62	1214.8	122.4	56.67	42.76	53.08	30.89	36.45	55.99	2412.86	177.44	13.36
1388	115.27	84.26	-3.7	6.7	2458.72	1504.3	3666	421.6	13247.1	542.19	88.15	59.07	2083.4	217.2	153.8	77.36	120.84	45.37	630.45	148.81	33399.3	700.06	373.9
1388	-633.11	48.85	2.48	4.64	3510.72	1329.9	474.4	220.3	9480.06	389.26	-8.35	39.03	1443.2	144.7	40.8	50.75	-99.16	36.03	64.12	52.3	2560.85	156.35	-0.76
1389	437.41	88.84	-2.1	5.72	2268.22	1315.1	1869.6	304.4	9868.7	435.27	94.53	49.1	1601.2	176.6	125	63.65	94.48	39.97	593.79	137.83	29722	628.76	206.4
1389	-381.86	63.17	7.04	6.18	4394.27	1250.4	880.82	206.9	10468.8	370.28	-1.81	37.08	860.59	111.7	29.88	40.07	7.64	31.02	69.5	63.75	4619.6	236.67	80.12
1390	502.36	95.29	2.68	6.96	2888.82	1371.9	1594.2	285.5	13983.9	504.96	109.9	55.54	1337.9	172.4	116.9	62.53	65.44	36.8	537.85	144.7	32889.9	707.88	52.67
1390	-515.79	66.09	-0.9	6.2	3061.49	1038.5	1472.9	219.2	9855.07	342.76	14.48	34.85	700.58	101.5	47.82	37.5	52.78	28.98	109.48	72.44	4424.15	249.18	14.46
1391	362.78	91.33	0.3	6.31	2546.49	1323.4	2080.8	308.7	13166	486.77	76.55	52.51	1781.1	179.1	130.2	63.76	97.52	38.46	575.14	139.74	28892.5	640.75	93.65
1391	-551.14	54.04	-1.4	4.71	3841.59	1337.6	539.12	215.8	10342.7	401.11	53.21	42.84	1923.4	161.9	37.49	54.15	32.57	38.1	96.59	60.91	3213.43	184.77	79.76
1392	130.31	82.63	-3.4	6.09	2539.56	1363.7	1848.2	305.7	11581.6	470.4	67.04	51.03	2050.6	191.8	186.9	69.66	97.89	40.48	395.15	121.65	29538.7	628.15	231.6
1392	-559.67	54	0.81	4.95	3435.16	1246	322.17	195.2	9208.7	368.29	47.91	39.35	1591.5	141.6	80.96	50.13	-3.87	36.08	52.98	53.36	2326.77	155.18	46.18
1393	567.69	99.26	6.29	7.07	861.18	1094.8	1481	278.7	11941.5	469.77	24.5	48.99	2074.4	183.3	136.9	64.4	82.35	37.71	660.59	154.97	34818.4	725.1	145.5

Sample	Co Error	Se	Se Error	Rb	Rb Error	Sr	Sr Error	Zr	Zr Error	Pd	Pd Error	Cd	Cd Error	Sn	Sn Error	Te	Te Error	Cs	Cs Error	Th	Th Error	U	U Error
1376	38.84	0.29	3.46	6.48	2.85	94.2	7.53	45.1	7.49	-36.5	11.16	-49.6	10.72	-126.5	14.76	-428.8	40.7	-155.7	14.17	4.04	6.38	3.9	8.61
1376	165.33	-2	3.75	12.9	4.09	275.3	14.24	69.62	10.83	-3.7	17.64	-15.7	15.92	-14.6	23.17	-59.04	63.11	-5.37	20.61	-1.99	6.72	3.63	11.8
1377	150.31	-0.8	3.87	15	4.18	240.4	13.25	66.97	10.44	-16.1	16.84	-20.6	15.81	-18.84	23.27	-73.94	63.21	-18.85	20.64	0.9	7.04	1.28	11.43
1377	90.73	1.07	3.9	8.9	3.33	193.8	11.25	64.15	9.45	-37.7	12.56	-44	12.36	-89.39	17.71	-307.9	48.57	-128.5	16.3	9.71	7.74	-0.26	9.77
1378	160.99	1.77	4.37	13.5	4.18	252.5	13.74	75.02	10.92	-23.5	16.22	-20.8	15.78	-28.13	22.95	-71.15	63.25	-25.55	20.55	-0.43	6.82	4.46	11.93
1378	48.96	-2.8	2.65	3.77	2.35	91.38	7.05	36.77	6.78	-40.3	9.69	-66.1	9	-137	12.85	-468	35.67	-189.4	12.39	4.05	6.11	0.06	7.49
1379	164.68	-1	3.64	12.5	3.94	217.5	12.36	80.48	10.5	-5.8	16.71	-33.6	14.46	-30.63	21.77	-97.24	59.56	-8.55	19.68	-2.54	6.23	5.97	11.32
1379	37.75	-0.6	3.81	-0.17	2.09	14.25	4.3	6.96	6.01	-21.3	15.92	-19.4	15.44	-124.7	19.47	-322.9	55.92	-145.4	18.69	9.18	8.11	-2.27	7.7
1380	165.05	-1.8	3.94	11.2	3.91	270.5	14.48	59.91	10.73	-2.09	18.45	-10.9	16.75	-11.99	24.16	-54.26	65.66	-3.41	21.44	-4.09	6.54	-3.21	11.3
1380	36.15	-1.2	2.95	5.02	2.49	73.73	6.39	30.52	6.38	-38.7	9.83	-70.1	8.9	-149.6	12.64	-493.3	35.36	-203.5	12.33	3.59	5.87	0.94	7.6
1381	127.9	-0.1	3.93	15	3.99	345.1	14.63	97.7	11.22	-12.5	15.19	-25.5	13.85	-42.48	20.08	-172.4	54.19	-26.74	18.22	7.38	7.55	2.5	11.27
1381	58.04	0.52	3.37	7.15	2.93	221	11.16	71.33	9.16	-31.2	11.7	-53	10.78	-112.5	15.38	-329.2	43.34	-142.5	14.54	3.04	6.29	-0.84	8.95
1382	178.45	1.29	4.34	15	4.3	229.4	13.21	64.29	10.49	-13.8	16.73	-29.6	15.17	-30.81	22.55	-141.7	60.76	-37.62	20.1	2.79	7.55	3.6	11.91
1382	38.47	-0.9	3.15	5.41	2.65	79.12	6.6	35.27	6.6	-34	10.24	-64.6	9.2	-144.2	12.96	-450.9	36.54	-178.9	12.67	0.71	5.59	6.49	8.28
1383	141.59	-1.9	4.02	19.7	4.72	534.8	19.35	139.1	14.13	-3.64	17.01	-12.3	15.48	-20.04	22.25	-63.66	60.69	-37.06	19.56	13.9	9.1	-1.29	13.18
1383	53.96	-2.3	3.09	11.1	3.5	193.9	11.04	71.23	9.46	-38.8	11.56	-52.7	11.15	-116.1	15.78	-370.2	43.98	-142.9	15.02	0.66	6.4	2.67	10.08
1384	129.71	-1.3	4.1	18.1	4.34	404.8	16.68	95.89	12.1	-5.05	16.78	-7.84	15.53	-27.56	21.91	-125.8	58.86	-23.33	19.52	1.65	7.31	-7.45	11.56
1384	64.21	0.55	3.55	12.9	3.57	208.7	11.17	213.7	13.01	-30.8	12.04	-53	11.05	-115.4	15.73	-343	44.19	-141.5	14.92	1.88	6.41	0.56	9.89
1385	168.09	1.23	4.26	16.5	4.19	234.6	13.25	58.22	10.24	-8.96	17.21	-16.8	15.82	-37.1	22.57	-95.68	62.16	-19.11	20.42	5.4	8.02	-7.84	10.7
1385	79.05	-2.1	3.3	10.2	3.44	140.2	9.65	48.98	8.51	-38.5	12.04	-44.3	11.9	-117	16.4	-369.7	45.62	-142.2	15.58	3.05	6.88	3.3	9.77
1386	180.2	-1.6	4.18	18.2	4.55	332.8	16.26	63.07	11.51	-8.2	18.73	-2.48	17.79	2.29	25.67	-14.18	69.15	-3.26	22.31	7.1	8.6	-10.1	11.55
1386	31.96	-1.4	2.87	4.91	2.44	71.74	6.03	30.54	6.1	-34.9	9.51	-58.8	8.79	-153.6	11.87	-473	33.76	-191.8	11.74	4.4	5.77	5.43	7.61
1387	166.62	-3.2	3.54	18.9	4.79	417.5	18.22	96.33	13.15	16.39	20.27	-12.3	17.11	6.46	25.34	-69.6	66.89	8.63	22.11	7.83	8.77	-5.48	12.95
1387	45.74	-0.1	3.74	3.9	2.64	63.56	6.84	28	7.1	-37.2	12.24	-50.3	11.8	-149.7	15.64	-426.2	45	-187.2	15.34	3.64	6.81	-0.48	8.27
1388	177.71	0.16	4.4	16.9	4.45	219.4	12.96	52.17	10	-16	16.14	-38.5	14.41	-25.58	22.07	-170.1	58.67	-55.62	19.42	1.76	7.44	2.87	11.82
1388	39.12	-1.6	2.6	5.02	2.27	38.36	4.77	27.07	5.84	-39	9.49	-72.4	8.51	-153.8	12.16	-465.2	34.7	-190	12.03	5.98	6.08	-4.27	6.5
1389	156.58	-1.9	3.71	17.7	4.21	253.3	13.22	75.6	10.54	-8.32	16.7	-21	15.16	-39.45	21.77	-135.3	59.4	-35.93	19.62	4.29	7.49	-5.07	10.7
1389	62.84	-1.3	3.23	8.96	3.12	116	8.69	41.13	7.84	-42.7	11.39	-51.2	11.31	-127.7	15.64	-387.5	44.05	-151.1	15.09	-0.39	6.02	-3.36	8.72
1390	171.79	-0.4	4.43	11.1	3.87	270.4	14.6	58.42	10.78	-5.67	17.98	-22.5	16.07	5.46	24.37	-76.43	64.5	-5.36	21.2	-2.6	6.84	-6.81	10.91
1390	62.34	-2.1	3.69	4.55	3.2	92.54	8.42	31.83	7.88	-41.4	12.34	-64.3	11.61	-136	16.58	-391	47.39	-176.1	16.01	4.96	7.42	12.04	10.57
1391	156.8	0.21	4.19	17.1	4.12	264.2	13.94	60.72	10.47	3.69	18.32	-12.6	16.2	1.6	23.79	-46.89	63.87	-8.81	20.75	4.13	7.71	-15	9.91
1391	50.87	-1.9	2.74	5.58	2.61	86.44	7.08	46.97	7.32	-35.2	10.56	-64.7	9.54	-141.4	13.52	-433.2	38.27	-176.1	13.18	3.81	6.17	0.9	7.88
1392	157.13	-3.7	3.37	13.6	3.9	240	12.91	75.75	10.49	-16.1	15.8	-17.5	15	-33.44	21.39	-142.8	57.99	-51.58	19.05	5.98	7.53	-2.1	10.59
1392	42.37	0.47	3.34	3.19	2.52	80.45	6.74	36.21	6.77	-24.1	11.26	-62.9	9.63	-137.4	13.65	-434.4	38.29	-180.1	13.16	4.92	6.19	9.43	8.54
1393	178.13	0.93	4.48	18.8	4.64	268.6	14.5	87.35	11.74	-0.42	18.99	0.24	17.61	-2.27	24.99	-36.39	67.48	-4.35	21.91	5.17	8.15	-2.83	12.09

Sample	Type	Locn	UTM	Easting	Northing	Au	Au Error	Ag	Ag Error	Cu	Cu Error	Pb	Pb Error	Zn	Zn Error	Ni	Ni Error	As	As Error	Sb	Sb Error	Mo	Mo Error	W	W Error
1393	Soil	Red Lion	9 V	677579	6272013	-1.3	3.78	-33.2	6	47.07	20.28	-10.7	7.59	27.55	12.56	-2.85	24.54	2.2	4.63	-136.8	12.82	7.07	3.99	-8.51	33.47
1394	Soil	Red Lion	9 V	677477	6272032	-4.8	3.34	-12.6	9.46	42	23.12	-6.35	9.29	47.41	16.71	-24.2	32.05	7.78	6.41	-38.78	20.17	2.04	4.36	-12.98	39.01
1394	Soil	Red Lion	9 V	677477	6272032	-2.3	3.62	-32.7	6.13	38.17	19.09	-3.22	8.71	58.87	15.58	-10.6	23.16	-0.81	4.99	-129.1	13.23	9.62	4	-3.84	33.62
1395	Soil	Red Lion	9 V	677477	6272032	-2.9	3.25	-33.9	5.86	27.34	18.13	-10.5	7.47	32.56	12.93	-5.37	24.17	2.18	4.57	-139.2	12.53	9.49	4.03	-6.07	33.3
1395	Soil	Red Lion	9 V	677477	6272032	-3.4	4.36	-1.6	11.37	46.41	26.44	-8.01	9.76	60.77	20.4	-12.6	36.04	7.29	6.71	-13.84	23.53	-2.22	4.56	43.04	52.12
1396	Soil	Red Lion	9 V	677340	6272092	3.84	8.24	-22.9	11.33	165	44.46	2.98	14.13	104.1	28.98	-38	46.99	13.8	10.18	-31.8	26	7.51	5.79	-27.81	55.78
1396	Soil	Red Lion	9 V	677340	6272092	0.36	5.78	-29.3	7.87	71.62	29.04	-3.77	10.71	51.32	19.31	-21.7	34.17	10	7.55	-112.1	16.97	7.23	4.88	33.6	50.97
1397	Soil	Red Lion	9 V	677341	6272092	-2.8	4.81	-15.1	10.4	84.92	31.19	-2.55	11.06	65.92	21.4	10.71	39.95	2.13	6.85	-45.32	22.37	8.37	5.05	15.33	51.1
1397	Soil	Red Lion	9 V	677341	6272092	-1	5.84	-14.6	11.06	92.37	34.67	-12.1	9.82	49.1	20.99	-1.14	43.88	13.3	7.73	-40.48	23.87	3	5.22	17.07	56.11
1398	Soil	Red Lion	9 V	677341	6272092	-4.5	2.85	-33.1	6.25	41.13	19.84	-5.58	8.45	70.74	16.83	-1.55	24.39	-0.93	4.81	-126.2	13.58	9.63	4.07	-25.02	32.13
1398	Soil	Red Lion	9 V	677341	6272092	-2.8	5.09	-4.57	11.38	75.14	30.46	3.91	12.42	56	20.01	31.91	41.81	-5.59	6.67	-20.43	23.77	3.55	4.92	-11.78	48.17
1399	Soil	Red Lion	9 V	677256	6272150	-0.9	4.51	-22.7	7.76	74.11	25.99	-9.53	8.66	49.18	17.14	0.95	30.72	2.7	5.38	-100.1	16.21	5.91	4.43	23.77	43.92
1399	Soil	Red Lion	9 V	677256	6272150	-0.7	5.68	-7.09	11.51	69.38	31.78	-8.38	10.52	50.21	20.95	3.04	41.92	9.47	7.5	-29.17	24.06	4.04	5.13	51.1	59.15
1400	Soil	Red Lion	9 V	677256	6272150	-0.4	5.7	2.16	12.78	159.7	39.88	-10.8	9.98	65.51	22.89	-24.9	41.48	7.63	7.02	-4.54	26.23	3.21	5.18	9.12	53.93
1400	Soil	Red Lion	9 V	677256	6272150	-2.3	3.5	-36.1	5.68	38.28	19.31	-14.4	6.84	20.69	11.7	16.89	25.87	3.89	4.37	-141.1	12.34	9.88	4.02	4.14	34.93
1401	Soil	Red Lion	9 V	677187	6272283	0.01	6	-0.17	12.05	166	40.38	-12.3	9.86	68.34	23.47	-22.2	41.44	9.9	7.2	-1.14	25.11	1.46	5.07	42.22	58.2
1401	Soil	Red Lion	9 V	677187	6272283	1.65	6.05	-6.61	11.53	79.88	31.46	-10.4	9.82	51.57	20.2	-1.01	40.92	7	6.75	-14.68	24.46	1.62	4.85	14.49	52.04
1402	Soil	Red Lion	9 V	677186	6272282	-0.2	4.11	-31.4	6.3	69.52	23.22	0.21	9.46	23.66	12.73	-3.59	27.05	-1.39	5.46	-141.4	13.14	10	4.18	1.31	36.39
1402	Soil	Red Lion	9 V	677186	6272282	1.9	6.77	-31.1	8.9	13.82	27.92	-12.7	10.33	94.67	26.22	-9.79	37.88	2.32	6.37	-144.8	18.48	13.5	5.76	-34.55	52.72
1403	Soil	Red Lion	9 V	677186	6272282	-1.1	5.75	-30.4	9.03	29.78	31.39	5.56	14.3	122.6	30.13	-29.3	37.7	-0.81	8.53	-154.4	18.28	12.1	5.96	-41.23	54.68
1403	Soil	Red Lion	9 V	677186	6272282	1.7	6.29	-0.58	12.1	43.25	27.83	-19.3	8.12	53	20.63	-17.2	36.61	8.81	5.98	-4.49	25.16	0.15	4.95	41.91	55.37
1404	Soil	Red Lion	9 V	677138	6272372	0.24	4.38	-36.2	6.34	31.96	20.31	-8.27	8.42	38.76	14.74	-24.2	24.87	3.11	5.29	-123.5	14.22	9.79	4.29	-0.51	37.13
1404	Soil	Red Lion	9 V	677138	6272372	-0.8	4.97	-10.4	10.66	84.91	30.45	-9.4	9.62	58.5	19.84	19.31	38.87	2.27	5.92	-23.68	22.87	1.28	4.62	-5.09	47.16
1405	Soil	Red Lion	9 V	677138	6272372	-0.5	5.3	-3.05	11.66	65.06	29.37	-6.21	10.56	30.85	16.84	-4.04	37.25	2.16	6.5	-17.61	24.19	1.29	4.8	-16.88	46.2
1405	Soil	Red Lion	9 V	677138	6272372	-5.2	2.91	-39.1	5.86	44.98	20.51	-11.2	7.59	24.11	12.92	-30.8	22.75	-0.55	4.26	-134.6	13.24	5.32	4.01	40.01	39.48
soil 9	Soil	Red Lion	9 V	677109	6272406	3.83	6.6	-2.49	12.26	90.6	33.71	-13.2	9.44	67.62	22.41	6.8	42.86	1.65	5.74	-13.88	25.52	0.47	5.01	-17.07	50.48
soil 9	Soil	Red Lion	9 V	677109	6272406	1.01	5.09	-31.7	7.36	59.84	26.1	-4.39	9.94	44.11	17.28	-18.3	30.32	-0.63	5.77	-123.7	15.86	11	4.75	22.86	46.13
soil 10	Soil	Red Lion	9 V	677078	6272447	2.49	5.28	-31.2	7.06	44.37	22.54	-1.39	9.75	52.92	17.38	-3.32	30.07	-4.67	5.18	-110.6	15.49	8.7	4.38	62.67	46.83
soil 10	Soil	Red Lion	9 V	677078	6272447	-3.5	4.31	-1.88	11.33	29.7	24.43	-11	9.01	187.8	30.93	-14.2	35.5	7.52	6.34	-17.83	23.4	-2.25	4.49	39.25	52.78
100 jh	Soil	Red Lion	9 V	677043	6272475	-2.2	4.92	-9.06	11.36	86.4	31.91	-14.2	8.85	56.59	20.35	47.05	43.24	5.24	5.93	-4.2	24.72	5.94	5.02	-8.57	49.63
100 jh	Soil	Red Lion	9 V	677043	6272475	1.6	5.38	-26.6	8.29	45.31	25.09	-8.83	9.27	40.73	16.84	-21	32.14	3.45	5.91	-86.95	18.2	8.69	4.79	-9.33	42.69
99 jh	Soil	Red Lion	9 V	677003	6272504	-3	4.92	-8.18	11.56	87.77	33	-7.27	10.75	47.96	19.78	9.72	40.5	1.42	6.49	-40.54	24.07	3.5	5.04	-15.47	49.6
99 jh	Soil	Red Lion	9 V	677003	6272504	-0.8	5.67	-8.2	11.77	76.44	33.53	-13.5	9.58	62.42	22.59	11.1	42.76	7.94	6.85	-11.93	25.27	-0.75	5.11	12.69	56.65
98 jh	Soil	Red Lion	9 V	676961	6272531	-1.6	4.8	-25.5	8.87	58.15	28.56	1.92	11.65	48.76	19.16	-1.76	36.29	0.46	7.06	-80.36	19.47	1.14	4.72	15.32	50.5
98 jh	Soil	Red Lion	9 V	676961	6272531	-1.7	5.2	-6.75	11.31	90.75	32.97	-13.7	9.18	57.29	20.98	11.86	43.15	4	5.94	-32.52	23.49	1.17	4.92	3.03	51.7

Sample	Ba	Ba Error	Hg	Hg Error	S	S Error	K	K Error	Ca	Ca Error	Sc	Sc Error	Ti	Ti Error	V	V Error	Cr	Cr Error	Mn	Mn Error	Fe	Fe Error	Co
1393	-535.88	52.19	3.58	4.93	3066.7	1259.9	491.17	216.7	9684.02	389.64	44.72	41.41	1311.6	142.9	22.56	49.49	-80.55	35.47	43.93	51.49	2927.88	171.23	11.78
1394	-22.7	77.73	1.95	5.44	1840.02	1323.7	1343.9	288.9	9671.64	445.72	35.86	47.99	1876	199.9	116.4	70.85	82.82	42.3	332.46	110.38	29382.4	600.61	309.7
1394	-589.78	52.4	-2.4	4.18	2926.34	1186.5	465.53	204.9	9303.54	368.69	46.01	39.2	920.79	117.9	40.69	43.24	-22.82	35.62	35.02	47.36	1912.27	137.79	-2.23
1395	-620.97	50.3	1.32	4.61	3251.07	1273.8	674.4	226.6	9809.98	386.9	2.33	39.29	1970.1	159.2	41.1	53.71	-109.4	34.58	21.4	46.23	2579.17	159.31	31.73
1395	593.31	96.72	-4.3	6.43	1167.85	1201.6	2122.1	324.1	13932.5	519.32	112.6	57.23	2073.8	194.3	193.2	70.42	81.43	39.75	574.24	141.38	29397.4	648.35	222.3
1396	417.05	106.9	9.64	8.9	2327.68	1465.5	1742.7	320	18973.9	626.84	119	67.81	1888.1	202.6	155.1	72.34	74.09	39.49	1116.9	225.38	63550.9	1115.4	373.6
1396	-398.57	68.33	1.78	7.1	3061.64	1135.3	642.94	192.7	9165.37	357.14	23.12	37.09	841.06	115.4	61.65	42.61	107.9	33.87	273.96	102.47	10894.2	397.2	295
1397	160.01	89.53	6.5	7.53	2756.66	1417.5	1393.1	284.7	11834.2	481.37	62.73	52.09	1871.8	185.9	172.8	67.78	108.71	41.06	669.78	156.34	38985.3	763.86	213.5
1397	219.28	95.93	5.08	8.13	1346.76	1132.3	1092.8	248	9378.74	413.74	79.11	46.37	1523.1	166.3	123	59.9	95.81	36.92	484.82	154.01	44380.6	867.86	318.8
1398	-511.38	54.59	4.5	4.75	3917.27	1295.8	576.59	211	8517.62	353.71	44.63	37.84	1597.9	139.3	94.12	49.96	-66.15	34.31	36.27	49.69	2390.74	156.01	-28.69
1398	563.54	97.85	2.81	6.68	2548.97	1362.7	2475.6	336	12269.9	485.92	107.5	53.99	1625.2	184.6	112.3	65.56	122.64	40.27	693.75	156.43	33745.1	713	252.5
1399	-252.09	65.78	1.6	6.07	2764.31	1081.6	64.19	153.7	7401.03	316.77	-3.13	32.12	1617.5	137.6	86.94	48.36	63.86	33.31	60.94	62.22	6377.64	278.02	184.1
1399	360.2	97.56	-7	7.02	2202.73	1348.4	1901.5	312.1	12810.9	503.2	93.5	55.29	1913.9	193	155.9	69.08	146.81	41.53	897.39	182.25	41390.2	825.41	183.4
1400	613.43	106.93	2.54	7.59	1805.9	1265	1397.8	280.1	17441.2	566.53	138.4	62.01	1945.6	172.2	182.2	62.25	121.66	38.9	863.44	180.63	37900	794.15	410.5
1400	-575.94	50.38	2.92	4.98	3254.85	1258.4	165.8	194.3	8272.54	353.78	43.84	38.08	1408.6	142.8	35.45	49.93	-114.4	34.8	15.5	44.96	2225.96	148.14	9.6
1401	469.08	100	-1.4	7.65	2548.74	1387.9	1918.2	311.1	14153	521.56	99.55	57.05	1854.9	192.5	164.9	69.47	131.5	40.71	939.54	188.39	43446.7	850.43	336.5
1401	421.08	98.12	3.34	7.43	1784.1	1329.5	2451.6	346.8	13797.8	528.13	102.5	57.93	1906.5	192.1	169.2	69.44	132.7	42.26	877.48	175.91	40422.7	792.55	310.8
1402	-699.59	51.91	-0.4	4.87	1642.27	1204.9	299.45	220.1	11028.9	441.8	37.28	46.73	1273.1	154.5	68.62	56	-67.68	38.03	191.18	80.1	14934.7	394.29	56.74
1402	-692.46	73.63	5.72	7.8	6565.82	1056.4	686.75	132.1	7381.9	238.44	19.97	24.56	841.31	80.63	36.37	28.12	-12.09	17.89	54.55	72.63	1391.18	166.4	-3.68
1403	-674.14	74.63	-0.5	7.05	7022.08	1064.6	506.72	119.1	7049.93	229.07	19.83	23.65	793.47	78.09	-0.51	25.81	-27.72	16.4	23.32	67.47	1249.93	164.21	5.38
1403	494.96	100.99	-4.1	7.04	2598.35	1298.6	1764.1	286.5	15446.5	514.62	75	54.69	1644.6	165.2	151.3	60.03	108.36	37.07	648.21	155.34	32972.8	719	37.35
1404	-596.59	55.7	1.29	5.22	3389.42	1185.2	536.63	196	9319.57	361.05	13.92	36.85	561.5	95.66	50.35	37.6	2.95	33.15	105.79	63.1	2291.78	161.69	59.12
1404	166.48	89.12	1.28	6.39	2611.86	1377.2	1121.6	266	13843.2	512.44	149.7	58.01	1525.4	168.3	139.8	61.23	120.81	40.27	666.61	149.65	29201.6	649.53	218.1
1405	650.92	101.02	2.82	6.6	3746	1334.2	1947.6	277.4	14708.9	474.72	74.27	50.54	1673.9	166.6	75.55	57.35	106.48	34.5	591.36	146.41	26440.8	633.29	143.9
1405	-485.1	54.33	0.96	5.41	2377.41	1154.4	1121.9	246.9	10383.3	396.25	17.91	40.54	953.87	115.2	26.26	41.53	-45.54	35.44	17.52	46.35	2146.74	150.04	44.72
soil 9	512.19	103.47	3.7	7.3	2390.39	1314.8	1441.7	276.3	16956.8	548.33	101	59.04	1688.4	180.5	138.9	64.63	144.21	39.03	670.92	163.27	36803.9	778.29	309.2
soil 9	-461.66	64.17	-1.7	6.04	3945.16	1149.4	179.6	153.4	9269.26	336.83	33.09	35.29	1353.8	120.2	67.65	42.12	90.55	31.65	93.63	68.69	4769.11	251.81	155
soil 10	-371.73	62.26	-2.9	6.06	2566.19	1152.1	75.85	172.5	9235.75	373.03	18.94	38.7	1257.1	130.1	69.51	46.74	63.18	36.47	135.79	72.64	7643.59	297.02	243.7
soil 10	373.9	93.42	0.7	6.99	47629.4	4146.7	719.96	263.7	41607.2	861.9	91.05	87.87	3586	257.6	83.3	83.69	-43.9	30.76	382.35	117.64	18333.4	510.57	330
100 jh	473.92	98.89	3.96	6.99	2921.81	1429.9	1137.5	269.3	15629.3	543.65	175	61.67	1938.9	188.2	171	67.6	161.02	41.98	634.59	154.9	35820.1	739.98	206.4
100 jh	-265.66	72.02	2.19	6.1	2908.2	1075.1	556.4	179.8	6908.73	305.24	77.72	34.58	619.29	95.35	66.21	36.92	128.36	33.59	221.85	92.25	10346.1	374.98	248.8
99 jh	357.06	98.57	1.31	6.7	1906.8	1224.5	901.72	240.7	15146.6	514.61	145.8	57.5	1527.6	165.4	141.4	59.94	136.92	38.26	893.31	178.26	37610.9	779.08	66.13
99 jh	377.45	100.61	-0.9	7.39	2273.54	1069.2	965.2	207.8	10870	391.16	104.5	43.74	1292.7	137.3	106.8	49.33	84.95	30.53	585.31	154.92	28268.1	700.34	179.5
98 jh	-253.82	76.37	-1.3	6.54	1963.96	919.67	648.86	174	4913.91	250.55	40.47	28.11	2663.7	156	100.6	51.34	110.16	30.97	233.81	100.79	11796.2	422.19	207.4
98 jh	343.66	95.35	4.56	7.42	2475.71	1314.4	1354.3	270.1	12335.7	474.51	139.5	54.01	1482.6	161.9	167.6	60.35	145.14	39.8	671.65	161.01	39148.8	788.17	394.8

Sample	Co Error	Se	Se Error	Rb	Rb Error	Sr	Sr Error	Zr	Zr Error	Pd	Pd Error	Cd	Cd Error	Sn	Sn Error	Te	Te Error	Cs	Cs Error	Th	Th Error	U	U Error
1393	43.49	-1	2.9	3.95	2.45	99.69	7.33	45.97	7.17	-42.9	9.69	-56.1	9.48	-154.2	12.74	-435.5	36.78	-178.2	12.66	5.72	6.25	3.28	7.98
1394	152.12	-0.8	3.14	11.9	3.54	141.5	9.66	67.37	9.11	-3.87	16.1	-33	13.87	-31.16	20.72	-113.7	56.7	-57.99	18.37	-2.05	6.06	1.09	9.74
1394	34.84	2.35	3.35	1.73	2.22	50.95	5.41	32.24	6.22	-40.4	10.02	-55.6	9.67	-143.8	13.18	-450	37.14	-174.9	12.91	2.3	5.77	7.94	7.74
1395	42.1	-1.5	2.63	6.1	2.74	87.81	6.85	43.34	6.9	-44.6	9.41	-62.1	9.12	-155.9	12.45	-456.3	35.79	-192.1	12.34	0.9	5.56	9.78	8.61
1395	161.94	-2.1	3.62	17	4.47	318	15.29	62.13	10.89	-3.86	18.23	-2.92	16.97	-11.7	24.12	0.68	66.37	28.58	21.62	-1.31	6.89	2.85	12.28
1396	275.84	5.89	6.46	12.3	4.68	343.2	18.6	72.49	13.38	-13.4	19.73	-24.9	18.14	-9.39	27.21	-67.94	73.57	-12.02	24.05	-1.34	8.33	-5.26	13.57
1396	108.36	1.2	4.54	4.78	3.2	168.4	11.33	47.82	9.36	-37.4	12.76	-63.6	11.74	-109.9	17.43	-376.2	48.07	-161.4	16.28	5.57	7.8	4.05	10.49
1397	188.76	-2.3	3.72	9.16	3.76	252.5	14.02	57.57	10.58	-9.22	17.58	-13.1	16.35	-37.89	23	-125.5	62.94	-23.25	20.86	8.3	8.54	0.19	11.41
1397	216.19	-1.5	4.35	11.3	4.21	240.2	14.58	79.44	11.96	-18.9	17.85	-17.4	17.15	-33.35	24.52	-53.53	68.49	-42.56	21.93	0.33	7.64	-0.78	12.17
1398	37.09	0.09	2.81	3.08	2.16	59.17	5.87	39.54	6.68	-38.9	10.34	-60.8	9.7	-131.9	13.75	-446	38.05	-180	13.16	3.92	6.07	-3.29	6.85
1398	177.93	4.36	4.85	23.9	4.95	275.4	14.65	79.95	11.49	-10.1	18.05	9.14	17.77	4.9	24.87	-64.69	65.94	7.3	21.72	-2.44	7.16	-8.17	11.85
1399	76.85	-1.3	3.43	10.5	3.32	145.3	9.66	67.75	9.05	-28.8	12.57	-53	11.41	-100.9	16.59	-352.7	45.39	-127.1	15.53	3.64	6.78	-2.54	9.1
1399	202.88	-0.6	4.61	13.6	4.17	249.8	14.61	67.59	11.42	-6.36	18.8	-19	17.01	-1.74	25.33	-79.6	67.48	-9.48	22.16	2.95	8.06	-10.1	10.74
1400	201.16	-2.4	4.06	10.1	4.2	477.3	20.09	75.63	13.27	-18.9	18.88	-0.88	18.83	23.15	27.55	-28.72	72.47	33.08	23.9	-3.34	7.06	-3.36	13.23
1400	38.1	-1	2.82	3.25	2.31	105.4	7.42	43.08	7.01	-39.2	9.64	-68.6	8.79	-154.7	12.35	-459.6	35.38	-197.3	12.18	2.92	5.75	1.66	7.67
1401	212.31	-0.5	4.69	18	4.58	323.9	16.65	76.9	12.35	-12	18.54	-11	17.52	11.43	25.96	-41.24	68.93	9.3	22.57	5.01	8.5	-16.4	11.16
1401	197.84	-1.3	4.31	19	4.53	282.8	15.07	52.18	10.78	-3.5	19	-9.36	17.41	19.79	25.87	-5.92	69.01	27.66	22.52	3.08	7.9	-13.9	10.99
1402	97.12	-1.4	3.04	2.63	2.4	99.57	7.55	25.59	6.63	-32.2	10.7	-63.5	9.55	-153	13.17	-447.8	37.84	-193.9	12.98	3.32	6.27	4.21	8.16
1402	42.79	1.63	5.19	0.97	2.99	30.68	6.24	22.01	8	-39.8	14.43	-57.6	13.79	-181.2	17.7	-483.5	52.55	-201.7	18.27	10.9	9.47	6.73	10.78
1403	43.79	-0.7	4.65	2.37	3.45	25.14	6.02	31.99	8.84	-43.6	14.21	-61.5	13.73	-158.7	18.6	-498.1	52.62	-203.3	18.4	10.8	10.12	12.02	11.89
1403	174.06	0.79	4.86	15.1	4.5	405.8	18.02	100.3	13.23	2.97	19.81	-12.7	17.55	17.32	26.26	-34.15	69.51	7.43	22.69	7.3	8.52	-3.2	12.68
1404	45.09	-1.3	3.17	4.25	2.6	79.61	7.03	26.45	6.67	-33	11.16	-59.3	10.17	-128.2	14.38	-423.3	40.09	-173.4	13.77	1.92	6.12	2.47	8.23
1404	162.14	-0.5	3.95	6.82	3.13	197.3	12.23	39.93	9.29	-8.92	17.54	-16.2	16.16	-21.25	23.36	-75.42	63.77	-5.99	20.95	4.53	7.62	-9.86	9.11
1405	156.67	-0.1	4.15	17.4	4.44	343.4	16.34	58.88	11.28	-9.48	18.4	-14.7	17.04	3.67	25.33	-8.26	68.49	3.64	22.12	0.94	7.53	-9.9	11.57
1405	41.26	-1.9	2.72	5.37	2.71	111.5	7.85	38.27	7.11	-37.3	10.32	-59.4	9.65	-133.1	13.56	-424.6	38.05	-175	13.06	4.43	6.21	7.63	8.72
soil 9	195.02	-2.4	4.25	9.21	4.16	302.2	16.02	57.93	11.46	-22.7	18.21	1.02	18.59	23.99	27.05	31.91	72.66	24.38	23.39	3.43	8.07	6.27	13.07
soil 9	70.81	-1.9	3.64	7.92	3.28	133	9.68	33.24	8.08	-32.1	12.53	-59.6	11.34	-134.6	15.97	-394.8	45.38	-160.1	15.51	7.62	7.71	1.32	9.58
soil 10	82.81	-1.2	3.73	5.2	2.92	150.3	9.58	37.42	7.82	-34.9	11.77	-47.4	11.29	-113.3	15.74	-340.6	44.28	-144.1	14.91	2.96	6.59	6.36	9.43
soil 10	133.84	-2.9	3.37	6.22	3.42	243.4	13.39	42.54	9.63	-0.96	18.4	0.3	17.09	-8.58	24.08	-78.06	64.53	9.1	21.38	-2.27	6.4	5.53	11.23
100 jh	183.16	-0.3	4	12	3.96	300.4	15.39	68.69	11.35	-6.85	18.7	-14.2	17.17	15.93	25.74	4.12	69.19	13.64	22.37	-5.58	6.1	-7.27	11.16
100 jh	101.15	-1.3	3.7	7.7	3.55	176.4	11.22	45.19	8.99	-29.2	13.78	-48.3	12.75	-89.87	18.5	-319.5	50.61	-115.6	17.19	-1.9	6.31	10.2	11.17
99 jh	189.06	1.19	4.44	11.1	4.11	265.8	14.9	49.82	10.77	-3.24	19.24	-0.34	18.02	-29.84	24.83	-16.23	69.7	-19.06	22.31	3.67	8.1	0.41	12.03
99 jh	173.97	-1.2	4.38	9.22	4	257.4	15.21	78.7	12.16	-17.3	18.44	-19.6	17.46	-10.79	25.83	-27.48	70.69	-0.57	22.92	-1.21	7.35	-1.63	11.92
98 jh	110.82	-2.2	3.66	4	3.08	159.6	11.29	33.24	8.85	-18.4	15.42	-45.3	13.66	-74.5	20.01	-276.2	54.58	-103.7	18.33	-3.14	6.55	1.61	10.19
98 jh	199	-1.8	3.95	4.98	3.46	246.1	14.25	55.07	10.75	-6.92	18.39	-17.6	16.73	-5.46	24.74	-94.18	65.81	6.35	21.89	6.67	8.33	2.89	11.64

Sample	Type	Locn	UTM	Easting	Northing	Au	Au Error	Ag	Ag Error	Cu	Cu Error	Pb	Pb Error	Zn	Zn Error	Ni	Ni Error	As	As Error	Sb	Sb Error	Mo	Mo Error	W	W Error
97 jh	Soil	Red Lion	9 V	676922	6272560	-2.6	5.33	-10.8	11.96	99.55	36.75	-12.2	10.3	67.73	23.7	23.3	48.11	2.28	6.34	-0.02	26.45	2.24	5.3	-10.21	55.7
97 jh	Soil	Red Lion	9 V	676922	6272560	-0.4	5.53	-15.8	10.06	84.38	31.1	-17.7	8.1	59.21	20.78	9.98	39.76	6.57	5.62	-63.22	21.22	0.54	4.71	43.53	54.43
96 jh	Soil	Red Lion	9 V	676893	6272598	-3.4	4.87	-8.87	11.7	95.41	35.75	-14	9.52	56.97	21.9	17.24	47.84	8.17	6.89	-24.16	24.88	3.31	5.25	-24.29	52.24
96 jh	Soil	Red Lion	9 V	676893	6272598	-0.2	4.93	-26.6	8.56	54.95	27.04	-7.01	9.74	59.62	19.74	15.53	37.49	3.16	6.17	-84.38	18.83	-1.08	4.5	23.72	49.69
95 jh	Soil	Red Lion	9 V	676855	6272630	1.47	6.58	25.71	38.28	97.16	34.84	-11.7	9.94	63.11	22.59	24.34	43.12	9.01	7.16	28.97	74.62	2.17	5.1	30.09	57.97
95 jh	Soil	Red Lion	9 V	676855	6272630	-1.3	4.88	-21.7	8.88	64.85	26.8	-18.1	7.36	43.68	17.42	19.47	36.1	10.4	5.72	-53.61	19.68	5.68	4.61	24.32	47.31
94 jh	Soil	Red Lion	9 V	676821	6272670	-6.5	4.19	-11.4	10.66	80.94	31.01	-19	7.89	57.46	20.58	-8.04	39.92	9.57	5.99	-18.27	23.17	2.12	4.83	20.96	51.69
94 jh	Soil	Red Lion	9 V	676821	6272670	-3.3	4.76	-10.2	10.45	36.9	25.94	-8.78	9.79	49.46	18.87	68.62	41.97	-1.43	5.45	-54.9	21.56	3.69	4.73	18.17	51.06
1406	Soil	Red Lion	9 V	670343	6273497	-5	4.44	-1.45	12.96	95.26	36.9	-15.1	9.33	64.76	23.73	-31.4	44.13	23.4	9.02	-14.31	26.86	-2.9	5.05	3.06	57.38
1406	Soil	Red Lion	9 V	670343	6273497	5.24	9.32	-26.2	11.51	46.02	40.1	-2.76	14.24	43.85	25.18	-21.5	50.81	1.89	8.93	-108	24.39	1.46	6.16	45.54	79.73
1407	Soil	Red Lion	9 V	670365	6273448	-0.7	5.49	-13.5	11.04	55.39	28.82	-13.1	9.33	38.33	18.23	-18.3	38.31	3.02	5.82	-9.2	24.54	2.62	4.84	7.02	50.13
1407	Soil	Red Lion	9 V	670365	6273448	-1.6	4.54	-21.9	8.17	34.89	21.78	-5.49	9.43	37.1	15.6	-27.4	28.65	0.7	5.58	-70.95	17.74	0.44	4.22	19.69	41.92
1408	Soil	Red Lion	9 V	670395	6273408	2.57	5.18	-3.15	10	113.4	28.63	-18.8	6.97	7.79	11.4	4.47	29.76	4.69	4.53	-33.99	20.35	-0.2	4.17	-18.9	37.05
1408	Soil	Red Lion	9 V	670395	6273408	3.2	5.24	-3.99	10.44	146.3	32.44	-14.3	7.93	3	11.25	11.22	31.6	1.83	4.78	-4.97	22.13	1.68	4.46	-16.18	39.74
1409	Soil	Red Lion	9 V	670438	6273375	2.51	6.17	3.79	12.15	14.81	23.72	-13.7	9.05	47.57	18.57	46.62	41.79	2.07	5.47	-12	24.49	1.56	4.78	-16.98	46.83
1409	Soil	Red Lion	9 V	670438	6273375	-0.1	5.39	-15.5	9.82	8.29	21.94	-14	8.45	30.98	16.88	4.31	34.64	5.38	5.68	-52.66	20.94	0.18	4.6	70.6	54.59
1410	Soil	Red Lion	9 V	670477	6273338	-2.9	4.43	-12.1	10.57	33.97	26.26	-13.5	8.97	23.61	16.03	-0.43	37.76	3.68	5.76	-57.45	21.92	2.01	4.84	8.79	49.86
1410	Soil	Red Lion	9 V	670477	6273338	-3	4.07	-14.1	9.4	26.58	21.99	-7.78	9.22	14.96	13.03	-0.66	32.14	0.49	5.45	-47.23	19.98	0.16	4.35	4.02	42.21
1411	Soil	Red Lion	9 V	670522	6273316	-4.6	3.95	-8.75	10.98	22.82	23.88	-20.5	7.27	25.34	15.79	35.91	38.06	5.49	4.92	-1.74	23.86	3.68	4.88	31.63	50.96
1411	Soil	Red Lion	9 V	670522	6273316	-0.1	5.03	-4.56	11.22	35.33	25.03	-12.4	8.96	18.83	14.51	-2.12	34.12	-0.28	5.08	-1.64	23.87	5.21	4.93	-1.99	45.69
1412	Soil	Red Lion	9 V	670539	6273267	-2.8	4.97	-5.78	11.83	64.15	30.92	-16.7	8.52	53.68	20.82	32.76	42.63	3.43	5.43	-25.1	24.7	1.23	5	26.1	56
1412	Soil	Red Lion	9 V	670539	6273267	-2.6	4.67	-4.67	11.15	45.87	26.54	-12	9.17	46.9	18.47	43.73	39.71	6.21	6.16	-11.93	23.48	-0.55	4.6	14.78	49.69
1413	Soil	Red Lion	9 V	670555	6273220	-2	5.88	-1.97	12.91	64.71	33.31	-16.7	9.27	63.5	22.91	37.4	49.11	8.41	6.71	-20.27	26.56	4.2	5.28	-16.76	54.95
1413	Soil	Red Lion	9 V	670555	6273220	0.56	5.62	-20	9.39	79.54	30.46	-12	9.17	61.16	21.02	-53	35.68	1.8	5.61	-61.68	20.39	3.69	4.79	36.46	52.18
1414	Soil	Red Lion	9 V	670593	6273182	-0.4	6.69	-4.57	13.22	30.07	35.15	-6.76	12.22	54.46	24.81	91.49	63.8	16.7	9.87	-35.28	27.08	1.08	5.7	31.29	73.21
1414	Soil	Red Lion	9 V	670593	6273182	-4.8	4.36	-18.9	9.86	46.05	27.85	-16.9	8.22	64.93	21.01	39.34	44.82	8.16	5.98	-54.95	21.42	6.71	4.95	7.61	51.33
1415	Soil	Red Lion	9 V	670615	6273134	-0.7	5.6	3.45	12.82	174.6	42.84	-9.4	10.3	51.66	22.24	11.8	46.76	2.57	6.54	-6.13	26.07	-3.16	5.01	32.85	60.54
1415	Soil	Red Lion	9 V	670615	6273134	-1	5.61	-25.4	9.79	102	35.4	-13.8	9.38	44.78	20.36	-7.11	40.84	2.16	5.79	-62.81	22.01	3.72	5.16	28.73	57.14
1416	Soil	Red Lion	9 V	670649	6273092	-0.7	6.07	-0.53	12.87	150.6	41.88	-20.8	8.08	60.67	23.5	30.05	50.78	9.59	6.36	3.38	27.04	0	5.2	16.03	60.52
1416	Soil	Red Lion	9 V	670649	6273092	0.63	5.72	-28	8.59	141.4	36.23	-17.4	7.91	36.25	18.65	-19.5	38.44	6.3	5.57	-99.04	18.68	5.46	4.95	63.5	56.55
1417	Soil	Red Lion	9 V	670686	6273053	-0.6	5.72	-2.11	12.54	115.8	37.63	-9.98	10.41	32.08	19.46	-15.6	43.89	-1.91	5.75	-22.42	25.74	0.63	5.11	40.68	60.17
1417	Soil	Red Lion	9 V	670686	6273053	-3.1	5.17	-24	9.51	98.05	34.1	-16.6	8.61	43.09	19.97	23.97	44.69	8.19	6.25	-67.82	21	5.04	5.03	51.12	58.66
1418	Soil	Red Lion	9 V	670580	6273966	-1	6.44	-2.93	13.12	115.2	42.19	-0.12	13.43	27.12	20.67	-15.6	46.46	-3.79	7.54	-30.22	26.82	5.9	5.93	30.2	67.32
1418	Soil	Red Lion	9 V	670580	6273966	-0	5.41	-14.1	9.82	65.27	26.48	-8.86	9.06	26.79	16.41	-24.1	31.33	0.61	5.38	-42.86	20.98	4.49	4.5	118.8	56.09
1419	Soil	Red Lion	9 V	670666	6273919	-5	7.05	-14.9	13.91	126.4	52.39	-13.4	12.24	52.71	29.3	-16	62.02	7.87	8.86	-27.39	30.47	2.91	6.57	90.88	92.76

Sample	Ba	Ba Error	Hg	Hg Error	S	S Error	K	K Error	Ca	Ca Error	Sc	Sc Error	Ti	Ti Error	V	V Error	Cr	Cr Error	Mn	Mn Error	Fe	Fe Error	Co
97 jh	459.38	104.92	2.44	7.63	1589.6	1169.4	1250.7	258.3	14040.7	495.28	148.6	55.86	1548	168.3	183.2	62.55	159.81	38.85	789.27	182.64	41759	866.8	388.5
97 jh	170.01	87.33	-1.6	7.07	2433.48	1223.3	734.85	220.5	11732.2	442.4	37.05	46.52	1779.7	158.9	98.73	55.18	139.8	37.62	493.44	135.31	27844.1	643.19	324.3
96 jh	320.03	99.46	5.47	7.57	2197.63	1296.9	586.24	223.9	10945.6	455.65	128.7	52.46	1698.3	172.9	129	61.56	187.54	41.78	836.3	185.97	43548.2	875.11	496
96 jh	-105.16	76.54	-3.1	6.21	2921.75	1123.6	545.41	184	6251.49	298.38	33.99	32.63	3030	181.8	142.6	61.03	75.44	33.02	180.17	92.02	15305.7	462.92	323.2
95 jh	620.19	295.29	7.43	8.61	1760.45	1126.6	1160.7	241.7	12783.6	456.72	113.8	50.77	1355.9	161.1	99.39	57.41	144.86	36.47	689.33	164.23	31198.8	721.72	163.5
95 jh	9.62	77.91	2.6	6.6	3148.64	1191.5	529.17	191.3	7316.15	329.6	15.11	34.66	3353.4	188.1	100.1	60.72	145.39	36.64	206.25	91.3	13613.2	422.58	321.5
94 jh	164.88	89.71	3.87	7.27	1517.94	1267.5	1084	270.2	12881.3	506.98	109.2	56.4	1802.8	182.9	104.8	63.83	153.46	42.74	697.78	159.36	37020.3	749.09	382.1
94 jh	30.66	85.69	1.85	6.85	1740.87	1332.8	1362.3	292.5	15121.5	551.75	149.5	61.93	2072.4	192.3	174.6	68.87	130.93	42.64	688.47	152.97	35810.4	716.06	51.51
1406	199.39	103.66	1.28	7.73	2117.05	1262	2076	304.2	13924.7	500.92	142.8	56.26	1837	177.4	216.8	65.76	125.54	37.42	911.85	200.45	49877.3	963.72	317.6
1406	-315.24	98.91	-1.6	10.53	1232.07	531.36	627.1	113.2	3141.94	151.73	35.66	17.27	848.19	75.26	49.76	26.33	63.98	17.44	157.68	115.01	7076.11	423.51	277.3
1407	172.54	94.31	3.39	7.17	2585.21	1135.9	3826	340.1	7690.72	343.94	7.36	35.19	1182.3	135.2	159.7	51.94	58.15	31.22	687.45	154.73	26938.9	645.82	348.4
1407	-107.44	70.42	0.42	5.76	1788.33	1047.9	603.74	202.1	6947.29	324.78	-13.96	32.79	2859.9	180.1	91.69	59.4	112.62	37.26	322.46	98.8	11885	375.97	216.4
1408	419.59	83.68	4.32	5.62	2871.5	1198.5	3603.7	338.3	8912.08	369.85	15.67	38.33	1342.3	162.8	37.46	56.44	13.55	31.75	421.31	107.53	14435.1	410.65	30.29
1408	442.23	87.8	0.88	5.54	1709.44	1125.8	6209.4	441.8	9147.62	395.19	33.56	41.35	1746.4	177.4	85.96	61.79	22.75	33.18	557.04	124.11	17365.3	466.04	-23.34
1409	934.07	105.6	5.46	6.95	2319.66	1229	2931.7	330.9	14091.2	481.54	103.8	52.44	1764.8	174.2	165.7	63.15	118.67	36.76	538.21	141.54	29946.6	663.6	217.7
1409	438.84	88.72	-2	7.15	3301.65	1251.2	2388.9	291.5	12822.9	437.37	43.14	45.71	1926.1	164.6	80.16	56.03	91.76	33.77	293.26	108.59	19775.3	526.48	44.58
1410	524.75	94.82	2.13	6.92	1968.47	1113	2929.8	317.5	10079.6	398.26	74.65	43.57	1384.7	159.6	107.3	57.44	90.53	34.47	793.23	162.28	26137.5	632.27	154.9
1410	516.35	85.07	4.08	6.16	2668.38	1114.2	1605.9	246.5	8442.9	347.39	11.18	35.72	998.42	122.7	89.96	45.83	126.89	35.01	335.83	103.54	13269.8	409.89	175.2
1411	1171.5	104.63	-0.6	6.65	1241.52	934.56	3008.2	301.3	9232.49	361.21	41.05	38.34	1257.9	148.3	50.93	51.75	69.13	31.1	474.55	124.53	17143.2	491.85	124.4
1411	1065.2	103.53	-0.9	6.06	1193.37	891.95	3350	306.7	8269.3	337.43	41.68	35.92	1319.8	140.7	61.22	49.01	66.18	29.64	355.62	113.85	15466.1	470.06	73.01
1412	636.44	103.73	-1	7.22	2786.33	1247.4	2682.3	312.2	11891.4	437	70.06	47.12	1836.7	171.5	128.1	60.54	136.8	36.02	593.34	152.04	30751	703.42	139
1412	779.98	99.05	0.6	6.59	3185.63	1448.3	3357.4	375.2	11545.9	472.57	51.17	50.46	1975.2	199.7	110.5	69.73	104.1	39.95	759.09	155.73	30195.9	654.52	101
1413	362.31	106.32	5.19	7.87	3529.29	1550.4	1772.3	311.1	16723.5	576	190.7	65.37	2216.1	201.4	210	72.47	143.25	41.47	1293.8	222.48	49600.4	941.91	306.6
1413	-110.76	79.83	3.58	7.53	1997.97	1155.6	1475	262.2	8756.97	385.44	38.15	41.31	1447.1	161.1	156.8	60.08	91.09	37.01	565.88	141.99	27008.8	637.68	504.5
1414	87.62	105.94	-4.8	8.82	1504.32	1447.7	1834.1	342.2	14206.2	581.69	33.08	61.24	2190.3	223.3	214.7	81.51	277.79	51.21	2894	353.93	85344.4	1366.7	321.2
1414	-121.67	82.96	2.22	6.9	2245.11	1286.8	1653.7	288.4	9295.5	420.82	19.68	44.29	2596.7	201.2	170.2	70.17	164.03	41.67	899.5	173.81	35413.2	731.58	541.1
1415	452.4	104.23	-0.5	7.95	1234.57	1342.3	3104.6	392.8	17728	617.29	127.6	67.32	2533.7	221.4	145.5	76	170.9	44.39	1172.6	214.55	53280.9	970.29	290.2
1415	-56.14	87.32	1.74	7.83	817.02	781.24	1562.8	220.4	7847.37	311.88	-10.63	31.21	1867.5	136.2	107.7	47.13	59.05	27.72	374.64	128.3	17894.4	551.02	336.6
1416	264.02	103.66	2.99	8.34	1303.7	1322.3	2268.6	346.8	19673.1	635.81	165.5	70.03	2412.1	215.3	208.4	76.6	143.5	42.44	1279.5	225.63	52237.4	977.45	470
1416	-285.16	75.01	-1.2	7.5	696.4	1124.6	2506.4	337.2	22739	632.32	0.57	63.22	2570.4	195.4	155.4	67.47	131.36	40.13	660.82	148.64	23661.6	598.53	468.6
1417	422.88	104.28	-3	7.68	1949.79	1395.2	1990	331.3	17464.5	600.29	155.5	66.62	2165.6	215	203.3	77.47	177.22	44.38	905.96	194.43	47668.1	916.16	316.4
1417	-67.96	83.72	3.23	8.11	1105.03	1145.8	2709	341.7	13049.1	489.93	11.23	50.05	1679.2	168.4	146.5	61.44	196.96	42.86	777.96	170.44	34084.3	738.97	459.4
1418	273.61	107.65	5.29	9.68	3798.7	1199.7	2388.2	267.1	14428.1	435.03	70.5	45.95	1455.2	140.3	114.6	49.74	97.33	28.18	721.26	186.8	32119.6	821.26	155.7
1418	455.65	88.18	1.62	7.79	1906.16	1136	1584.4	265.5	11488.6	428.76	11.96	44.07	3741.3	212.4	174.4	70.77	82.54	36.1	307.24	103.66	15655.5	449.42	218.4
1419	135.8	120.02	-3.7	11.72	2336.21	1188.4	2153.9	284.4	22511.7	581.32	166.6	62.85	1901.9	161.8	147.3	56.34	202.41	34.17	1370.4	290.59	63705.6	1326	308.3

Sample	Co Error	Se	Se Error	Rb	Rb Error	Sr	Sr Error	Zr	Zr Error	Pd	Pd Error	Cd	Cd Error	Sn	Sn Error	Te	Te Error	Cs	Cs Error	Th	Th Error	U	U Error
97 jh	218.02	-0.9	4.42	9.6	4.36	447.7	20.26	54.53	12.93	-15.3	19.18	-8.08	18.55	7.89	27.14	19.58	73.95	6.68	23.72	6.68	9.12	0.06	13.88
97 jh	163.73	-0.1	4.39	9.39	3.68	252.6	13.95	53.9	10.39	-13.6	16.76	-21.3	15.57	-20.14	22.77	-162	60.39	-56.13	19.92	7.89	8.21	-3.24	10.79
96 jh	222.18	-1.5	3.99	9.42	4.1	319.1	17	45.8	11.48	-5.73	19.34	-11.4	17.81	0.5	26.05	-35.41	70.33	0.81	22.88	-2.8	7.15	-2.53	12.54
96 jh	123.12	-2.5	3.57	8.59	3.44	180.3	11.52	53.16	9.49	-21.3	14.8	-48.3	13.16	-59.81	19.87	-225.1	54.24	-99.88	17.88	1.28	7.01	-1.74	9.96
95 jh	178.26	-0.6	4.74	10.8	4.07	235.1	14.3	65.43	11.32	-6.68	54.48	-12.7	50.73	31.79	76.81	147.46	211.44	35.72	67.23	4.4	8.26	-3.55	11.7
95 jh	113.59	0.01	3.88	7.16	3.21	227.3	12.44	60.74	9.76	-11.8	15.48	-34	13.76	-40.54	20.36	-162.4	55.43	-72.37	18.13	-0.63	6.29	-2.34	9.89
94 jh	189.34	3.15	4.53	8.96	3.71	209.7	12.91	50.94	10.01	-7.88	17.72	-16.2	16.26	-16.97	23.6	-109	63.42	-18.43	20.96	-5.38	5.89	1.25	11.2
94 jh	173.55	2.46	4.44	7.68	3.36	192	12.03	47.7	9.49	-32.5	15.38	-26.2	15.4	-75.16	21.51	-157.6	60.88	-44.32	20.18	-1.3	6.64	-3.29	10.01
1406	238.99	-3.2	3.73	11	4.26	147.6	12.14	18.3	9.05	25.6	23.09	6.03	19.82	2.59	27.75	-72.22	73.84	-7.24	24.24	-0.19	7.74	-0.04	11.91
1406	121.4	0.27	6.67	3.79	4	89.99	11.23	34.58	10.74	-33.3	18.66	-54.4	17.32	-96.55	25.42	-311.2	70.49	-114.5	23.87	-4.21	8.12	4.26	13.13
1407	165.29	0.77	4.46	28.5	5.28	240.5	13.91	34.04	9.72	-5.89	18.74	-27.7	16.54	-7.81	25.02	-47.49	68.06	-19.32	22.02	1.69	7.67	-12.1	11.67
1407	98.89	0.96	3.76	22.1	4.49	308.9	13.71	53.19	9.56	-29	13.14	-36.7	12.58	-65.6	18.22	-187.8	50.7	-80.02	16.66	-1.63	6.27	7.15	11.88
1408	100.3	0.08	3.7	24.3	4.38	197.1	10.98	74.5	9.49	-9.57	15.78	-9.18	14.82	-17.94	21.17	-89.27	57.1	-14.67	18.75	8.61	7.44	-5.6	10.21
1408	111.74	-3.4	3.2	30.8	5.07	172.9	10.68	100.1	10.46	4.88	17.52	6.6	16.15	-3.02	22.55	-20.55	61.21	12.41	19.92	5.38	7.4	3.01	11.75
1409	165.53	1.77	4.63	18.9	4.58	334.6	15.9	77.63	11.66	-16.4	18	-9.18	17.38	16.79	25.91	-13.36	68.72	26.65	22.48	0.45	7.24	-6	11.97
1409	128.51	-2.3	3.91	15.8	4.37	225.5	12.83	60.04	10.08	-26.4	15.36	-17.2	15.3	-43.71	21.64	-139.9	59.2	-49.25	19.44	0.79	6.99	8.83	12.19
1410	156.72	-2.7	3.5	26	5.08	288	15.07	59.08	10.94	-13.1	17.26	-25.6	15.77	-24.34	23.39	-104.2	63.29	-33.38	20.7	0.77	7.47	-12.3	11.66
1410	105.46	-1.2	3.31	17.2	4.17	298.9	13.93	63.53	10.13	-18.1	15.17	-17.4	14.49	-39.4	20.66	-140.1	56.09	-23.8	18.66	-1.49	6.39	1.61	11.39
1411	122.99	-1.1	3.69	34.7	5.6	297.5	14.69	137.6	12.96	0.37	18.54	-0.12	17.1	24.85	25.12	20.64	66.78	47.94	21.82	6.32	8.04	-4.28	12.73
1411	116.26	-2	3.64	30.6	5.51	295.2	14.72	105.8	12.1	5.68	18.93	-8.72	16.73	-21.76	24	-8.54	66.27	17.38	21.56	1.7	7.46	5.94	13.49
1412	173.18	-0.8	4.17	23.6	5.23	253	14.53	72.14	11.44	2	19.83	-5.61	17.95	-0.91	25.92	-46.6	69.55	5.13	22.76	-3.71	6.76	1.54	13.1
1412	160.18	-0.3	3.96	30.9	5.37	235.8	13.19	65.13	10.44	-3.27	18.2	-7.67	16.7	-6.52	24.19	2.97	66.19	21.33	21.47	7.71	8.31	-2.08	12.38
1413	233.3	2.51	5.11	9.96	4.1	292.6	16.44	26.15	10.58	6.96	21.62	-12.3	18.89	15.74	28.18	9.92	75.88	26.48	24.63	-0.19	7.68	-5.67	12.11
1413	167.34	-2.5	3.95	8.29	3.41	202	12.63	26.54	8.97	-23	15.38	-35.2	14.36	-48.61	21.11	-210.3	57.02	-77.42	18.94	3.11	7.52	-8.99	9.72
1414	334.15	-3.9	4.81	3.64	3.48	37.39	7.3	26.84	9.12	-4.14	21.51	-27.9	18.81	-41.15	27.53	-78.86	76.74	-10.26	25.2	4.43	9.39	-0.71	10.87
1414	189	1.84	4.3	2.24	2.78	54.22	7.02	31.68	7.86	-14	16.72	-39.7	14.76	-41.78	22.17	-173.5	60.25	-76.85	19.74	-2.18	6.32	3.92	9.61
1415	239.5	-5.5	3.55	8.14	4.15	244	14.98	47.11	10.98	4.34	20.7	-16	18.07	1.91	26.91	-33.1	72.27	29.15	23.83	-1.98	7.37	8.42	13.19
1415	144.97	-2	4.22	4.31	3.34	152.3	11.73	47.59	10.02	-11.5	17.54	-39.6	15.32	-48.14	22.85	-176.5	62.54	-77.02	20.52	5.62	8.32	2.13	11.02
1416	245.3	-1.4	4.65	11.6	4.17	236.5	15.02	52.22	11.37	-16.8	19.44	-11.4	18.76	15.2	27.84	-69.14	73.16	3.13	24.12	7.73	9.1	-10.6	11.24
1416	157.84	-2.9	4.01	5.18	3.32	167.2	11.57	53.72	9.82	-28.2	14.49	-47.7	13.38	-69.3	19.87	-325.4	52.8	-108.5	18.05	3.81	7.52	3.59	10.73
1417	227.51	-3.3	4.2	10.5	4.12	221	14.26	38.03	10.44	4.25	20.8	-10.2	18.46	12.39	27.28	-55.65	72.09	19.02	23.81	6.47	8.87	-2.66	11.73
1417	189.46	-0.6	4.37	11	3.88	253.1	14.51	34.03	10.01	-20.3	16.19	-38.7	14.76	-59.77	21.65	-226.8	58.92	-74.67	19.72	4.36	8	-8.41	10.81
1418	202.46	-4	4.47	17.7	5.4	254.5	16.66	71.26	13.08	12.12	22.52	-22.8	18.77	-65.51	26.35	-169.9	73	-38.74	24.42	-2.11	8.36	0.3	14.45
1418	115.9	-2.4	3.89	21.8	4.41	266.7	13.33	45.4	9.42	-13.5	16.18	-27.7	14.73	-20.48	22.05	-135.2	58.81	-27.24	19.51	-3.19	6.18	-7.52	10.73
1419	326.27	-1.1	6.38	3.93	4.46	202.1	17.12	27.64	12.33	-29.2	21.41	-58.8	19.11	-56.23	30.23	-183.9	82.86	-57.31	27.61	2.78	10.22	7.66	15.48

Sample	Type	Locn	UTM	Easting	Northing	Au	Au Error	Ag	Ag Error	Cu	Cu Error	Pb	Pb Error	Zn	Zn Error	Ni	Ni Error	As	As Error	Sb	Sb Error	Mo	Mo Error	W	W Error
1419	Soil	Red Lion	9 V	670666	6273919	-1.6	5.36	-20.7	9.63	55.19	29.43	-17.4	8.28	54.69	20.68	-0.87	40.16	5.22	5.59	-59.63	21.05	7.2	5.11	32.61	55.06
1420	Soil	Red Lion	9 V	670772	6273908	1.2	8.39	-12.6	13.77	92.47	46.02	-11.8	12.12	34.43	24.54	30.98	64.46	4.65	8.09	-2.96	30.63	-4.46	5.86	56.85	83.24
1420	Soil	Red Lion	9 V	670772	6273908	-2.6	5.2	-16.8	10.16	50.8	29.38	-13	9.39	36.4	18.48	-3.82	42.51	4.21	6.11	-51.13	21.86	5.41	5.07	17.24	53.55
1421	Soil	Red Lion	9 V	667680	6269255	-3.8	5.29	-21.1	10.58	76.56	34.25	-17.8	8.85	44.69	20.73	22.93	45.55	8.39	6.49	-61.34	23.12	0.14	5.12	11.13	57.78
1421	Soil	Red Lion	9 V	667680	6269255	-0.7	4.63	-23.7	8.27	80.05	27.87	-7.79	9.35	51.52	18.13	-30.6	33.68	1.21	5.63	-82.41	17.89	1.35	4.45	4.13	43.43
1422	Soil	Red Lion	9 V	667620	6269236	-5.3	4.75	-4.54	12.56	70.78	34.3	-16.3	9.25	55.36	22.8	-12.2	44.76	2.83	5.79	-2.14	26.7	0.25	5.21	50.5	63.51
1422	Soil	Red Lion	9 V	667620	6269236	1.68	5.56	-25.6	8.67	80.06	29.57	-4.87	10	31.17	17.04	9.69	38.51	0.77	6.07	-74.64	19.17	8.28	4.87	62.82	54.1
1423	Soil	Red Lion	9 V	667574	6269249	-3.4	5.4	-6.07	12.32	88.17	35.82	-14	9.7	37.63	20.4	7.58	45.27	6.94	6.8	-34.37	25.52	1.5	5.3	47.03	62.82
1423	Soil	Red Lion	9 V	667574	6269249	-3.4	3.91	-27.6	7.55	48.25	22.89	-15.6	7.43	32.28	14.79	-25.8	29.17	8.01	5.31	-92.01	16.54	2.93	4.24	19.08	41.3
1424	Soil	Red Lion	9 V	667536	6269283	-2.6	5	-8.79	11.63	62.18	31.58	-13.4	9.53	73.23	23.29	21.67	46.23	5.5	6.41	-0.47	25.39	1.77	5.1	-7	53.29
1424	Soil	Red Lion	9 V	667536	6269283	0.37	5.04	-20.1	8.54	92.16	28.65	-12.3	8.37	49.39	18	-15.4	32.17	2.97	5.25	-68.19	18.38	4	4.48	40.12	47.66
1425	Soil	Red Lion	9 V	675354	6272216	1.14	6.54	-16.2	11.29	76.53	34.46	-10.3	10.79	58.97	22.37	-2.18	44.66	5.42	7.14	-33.19	24.78	-2.48	5.08	-24.06	52.91
1425	Soil	Red Lion	9 V	675354	6272216	-3.5	4.19	-23.9	8.97	109.3	32.12	-9.11	9.46	58.73	19.85	15.31	39.39	4.54	6.16	-64.95	19.88	4.12	4.72	19.47	49.45
1426	Soil	Red Lion	9 V	675309	6272185	-1.5	6.19	5.13	14.38	214.4	50.47	-15.6	9.92	86.15	28.6	10.59	54.06	7.39	7.14	3.33	29.34	-1.47	5.56	35.1	69.02
1426	Soil	Red Lion	9 V	675309	6272185	3.27	6.35	-26	8.94	126.6	34.22	-4.96	10.67	45.94	18.66	-20.7	38.28	0.89	6.38	-76.97	19.8	3.53	4.84	-11.96	45.66
1427	Soil	Red Lion	9 V	676490	6271107	0.11	5.77	-25.6	10.45	673.2	71.14	-4.44	11.37	51.75	23.29	6.29	44.93	2.15	7.09	-26.66	24.61	-2.47	4.93	3.06	56.58
1427	Soil	Red Lion	9 V	676490	6271107	-3	4.07	-19.5	8.43	394.2	47.11	-11.6	8.54	52.65	18.37	-8.73	32.94	4.19	5.48	-98.5	17.23	5.96	4.49	-28.02	38.8
1428	Soil	Red Lion	9 V	676471	6271095	0.9	6.77	-8.9	12.01	954.1	86.55	-14.4	10.04	35.62	23.26	20.68	47.42	6.26	6.81	-19.59	25.69	7.13	5.54	0.89	60.39
1428	Soil	Red Lion	9 V	676471	6271095	0.49	5.34	-23.8	8.59	528.5	55.3	-14.8	8.13	26.89	17.31	-40	32.84	6.91	5.64	-70.02	18.89	8.3	4.71	43.27	49.1

Sample	Ba	Ba Error	Hg	Hg Error	S	S Error	K	K Error	Ca	Ca Error	Sc	Sc Error	Ti	Ti Error	V	V Error	Cr	Cr Error	Mn	Mn Error	Fe	Fe Error	Co
1419	-140.14	81.92	0.71	7.41	2250.3	1110.6	1488.7	246.8	10258.3	392.78	23.54	40.89	3767.4	200.3	128.5	64.57	155.04	35.73	219.35	107.07	20146.4	564.33	379.1
1420	23.71	114.07	-4.7	10.37	3410.44	1357	774.36	221.7	19890.5	567.09	194.6	63.05	1603.6	155.8	196.5	57.63	297.42	40.05	1080.7	256.94	65085.5	1282.6	500.5
1420	-45.21	85.41	3.85	7.59	2686.31	1218.2	543.92	200.3	8512.47	374.46	66.16	41.61	3084.8	189.6	202.5	65.13	202.78	39.49	531.93	148.87	30888.2	706.29	507.7
1421	168.59	95.04	1.54	7.77	1766.13	1063.8	2424.9	290.9	9391.6	382.67	26.91	40.18	1259.5	150.1	75.9	53.21	218.67	37.27	505.88	153.76	31954.9	752.56	244.7
1421	-150.3	71.7	-1.1	5.74	1147.56	1089.8	1894.4	296.1	9943.22	419.29	44.53	44.75	2252.4	183.5	128.4	63.77	115.2	40.41	341.86	111.18	20069.2	513.13	488.5
1422	227.75	102.73	-3.4	7.94	937.84	1075.9	1735.7	282.7	12878.2	476.29	118.8	53.14	1808.2	173.4	176.7	62.99	129.89	37.15	723.89	176.76	38651	841.59	338.9
1422	-144.3	76.38	-0.3	7.26	1565.1	1080.4	1454.6	258.6	9701.58	397.62	9.24	40.99	3299.1	202.9	137.7	67.41	134.61	38.14	309.39	109.82	18635.5	511.4	455.9
1423	271.97	102.27	0.69	8.39	2621.68	1178.5	1509.5	249.1	8825.33	375.77	72.04	41.68	1404.9	145.6	112	52.26	104.13	33.11	565.02	159.12	31637.8	755.8	310.5
1423	-229.12	66.55	0.81	5.65	1144.12	998.42	1113.8	239.5	9010.12	373.43	20.41	38.91	2482	164.8	100.1	55.24	14.84	35	149.48	78.55	11003.4	358.46	313.9
1424	303.84	98.51	-0.8	6.85	2610.13	1467.5	1862.1	321.8	18582.9	612.94	163.1	67.75	1862.7	193.9	221.3	71.95	168.3	43.17	1046.4	199.49	44338.2	865.41	398.6
1424	-281.75	70.52	0.58	6.5	1130.36	972.7	1589.9	257.3	8873.61	368.55	38.71	39.32	2745.8	185.4	76.04	60.92	85.25	35.61	325	103.51	13573.3	416.8	282.4
1425	339.97	100.52	4.17	7.65	2653.14	1351.6	2220.9	316.5	11151.2	459.2	70.39	50.13	1944.1	193.6	146.1	68.75	113.24	38.4	961.94	197.92	42565.9	879.08	240.8
1425	52.77	80.62	-1.9	6.24	2123.22	1236.4	2136.6	307.4	11103.3	445.01	47	47.23	2704.6	188.3	153.1	64.31	110.44	38.82	594.52	139.65	25517.9	599.57	438.8
1426	592.23	118.25	-1.9	8.83	2976.87	1624.4	3190.2	405.3	16746.3	615.16	157.2	68.92	3186.3	269.8	158.7	91.76	104.86	43.03	1244.7	244.72	69348.3	1195.1	382.9
1426	38.65	81.47	3.02	6.63	3595.6	1392.7	1898.6	290.2	9889.17	415.06	48.71	44.82	2884.4	210.2	67.98	68.91	157.75	39.91	359.39	125.02	27930.2	640.45	519.6
1427	350.35	99.52	2.24	7.7	2761.66	1382.2	2807	345.7	14188.3	512.57	23.42	52.97	2152.9	197.2	131.6	68.81	128.98	39.11	911.88	188.22	42557.3	854.41	336.5
1427	-53.39	72.41	4.2	5.63	2651.11	1251	1323.6	260.5	9576.92	400.46	22.31	41.84	2980.3	190.9	119.9	63.56	83.35	38.64	265.44	95.84	16222.3	448.03	356
1428	188.14	100.02	3.46	8.3	749.76	1125.9	2032	313.5	14826.7	531.2	85.94	57.24	2014.8	186.6	173.9	66.87	120.8	38.79	877.15	194.02	46425.9	926.09	178.5
1428	-158.5	74.26	0.3	6.67	1310.65	1141.8	1833.6	298.8	10788.4	445.74	5.7	45.59	2066.9	179.8	114.2	62.57	88.7	39.49	233.78	101	22434.6	543.5	440.2

Sample	Co Error	Se	Se Error	Rb	Rb Error	Sr	Sr Error	Zr	Zr Error	Pd	Pd Error	Cd	Cd Error	Sn	Sn Error	Te	Te Error	Cs	Cs Error	Th	Th Error	U	U Error
1419	148.45	-0	4.4	4.73	3.11	172.2	12	50.53	9.94	-23.6	15.8	-43.6	14.41	-65.57	21.32	-265.3	57.54	-82.31	19.48	2.01	7.36	-4.53	9.87
1420	319.93	0.37	6.56	3.38	4	144.6	14.01	25.53	10.97	0.42	23.84	-35.6	20.09	-0.16	31.27	-93.66	83.18	-10.75	27.48	-3.83	8.19	3.32	13.54
1420	183.54	-0.1	4.32	2.6	3.06	128.2	10.59	28.1	8.7	-10.7	17.25	-36.8	15.13	-25.9	22.98	-184.5	60.92	-42.85	20.41	1.1	7.33	4.21	10.74
1421	188.04	1.82	4.88	16.8	4.93	305.6	16.7	35.68	11	-11.6	18.38	-29.8	16.52	-56.37	23.8	-168.8	65.62	-42.14	21.86	-3.79	6.98	2.41	13.62
1421	138.02	-2	3.41	13.7	3.97	272.1	13.57	44.46	9.52	-33.6	13.14	-37.5	12.88	-77.01	18.39	-261.6	50.51	-96.98	16.91	-0.35	6.65	2.34	11.19
1422	211.2	0.37	4.76	5.97	3.52	167.7	12.77	47.77	10.56	-4.55	20.38	-32.1	17.66	26.72	28.06	-31.09	73.92	7.95	24.11	0.75	7.77	-3.86	10.77
1422	137.68	-4.7	3.46	7.62	3.42	143.9	10.39	56.97	9.37	-29.5	14.26	-53.4	13	-52.89	20.14	-271.7	53.51	-96.48	18.01	-1.4	6.57	2.82	10.31
1423	190.72	-1.1	4.56	11	4.31	153	12.15	69.27	11.27	-16	19.21	-3.23	18.88	22.1	27.59	-22.08	73.24	0.84	23.71	3.11	8.27	4.11	12.36
1423	98.38	0.94	3.56	8.86	3.1	119.3	8.68	57.31	8.36	-36	12.17	-54.6	11.44	-82.88	17.14	-302.2	46.78	-112	15.8	-1.49	5.75	-1.17	8.77
1424	217.26	-0.6	4.23	8.53	3.87	263.7	15.19	57.5	11.29	-21.7	17.92	-19	17.34	3.4	25.98	-24.63	70.15	11.82	22.87	-0.35	7.43	-1.93	11.72
1424	110.72	-2	3.62	5.72	2.97	149.5	10.09	55.65	8.94	-24.6	13.89	-49.3	12.5	-76.56	18.55	-275.3	50.7	-106.7	17	3.11	6.84	-1.12	9.19
1425	217.32	1.12	5.05	18.3	4.92	186.5	13.37	54.1	10.97	-6.24	19.43	-12.8	17.88	3.15	26.27	-60.74	70.23	-2.72	22.99	4.04	8.66	-5.76	12.18
1425	156.37	-1.3	3.61	15	4.18	140.7	10.3	45.09	8.93	-18.8	15.37	-32	14.19	-62.03	20.37	-218.1	55.67	-66.59	18.65	1.89	7.17	6.71	11.3
1426	295	-3.5	4.62	16.1	5.23	317.4	18.36	73.09	13.58	15.95	24	-8.12	20.52	31.67	30.87	82.35	83.41	51.44	26.82	4.16	9.29	-0.63	14.42
1426	168.06	2.18	4.74	17.4	4.46	184.2	11.95	69.17	10.36	-24.2	15.16	-34.6	14.26	-51.85	20.89	-185.9	57.13	-62.19	18.94	-1.3	6.96	0.82	11.59
1427	213.49	-2.8	4.06	23.1	5.2	330.8	17.08	49.79	11.58	-29.2	17.2	-21.7	17.19	-26.28	25.09	-110.8	68.14	-18.95	22.53	-3.22	7.36	-11.7	12.52
1427	119.49	0.62	3.52	12.7	3.82	290	13.59	45.31	9.4	-24.5	13.65	-52.3	12.14	-66.43	18.5	-267.3	49.93	-94.61	16.78	0.2	6.48	5.14	11.24
1428	226.98	1.93	5.42	11.2	4.22	209.5	14.25	50.61	11.15	-4.65	19.95	-15.9	18.09	-6.98	26.51	-94.6	70.81	-16.82	23.3	9.37	9.49	-6.81	11.58
1428	143.38	-0.8	3.98	10.9	3.69	209.6	12.02	49.42	9.31	-6.48	15.56	-39.3	13.3	-61.65	19.47	-260.1	52.46	-81.86	17.72	5	7.32	2.74	10.69

APPENDIX IV

Rock Samples
XRF In Situ Analyses

Sample	UTM	Easting	Northing	Duration	Units	Au	Au Error	Ag	Ag Error	Cu	Cu Error	Pb	Pb Error	Zn	Zn Error	Ni	Ni Error	As	As Error	Sb	Sb Error	Mo	Mo Error	W	W Error
1297	9 V	674851	6273530	60	ppm	1	16.51	1	9.73	1	39.71	1	15.66	1	14.98	91.02	71.27	1	8.06	1	28.88	14.63	10.92	1	114.37
1298	9 V	674635	6273279	60	ppm	1	27.95	1	17.91	172.44	95.49	1	18.85	1	33.79	1	151.54	58.52	21.35	1	48.19	18.32	16.33	1	318.15
1299	9 V	674284	6272863	27.45	ppm	1	17.05	391.64	279.74	436.21	87.79	1	12.89	90.72	33.82	1	93.53	1	10.56	1	69.56	12.31	11.82	1	119.01
1300	9 V	674291	6272854	60	ppm	1	32.96	1	17.06	94.25	85.69	1	25.35	99.43	47.55	164.66	130.09	164.41	35.16	1	54.98	1	26.97	1	199.94
1301	9 V	673033	6271536	60	ppm	1	15.23	1	13.23	1	47.18	18.27	16.71	69.02	32.1	1	99.92	1	10	1	36.71	21.5	12.81	1	127.77
1302	9 V	672798	6271497	60	ppm	1	14.9	1	14.88	1	59.87	1	9.76	111.54	31.96	1	115.19	7.37	6.96	1	41.11	1	14.39	1	97.04
1303	9 V	672801	6271501	60	ppm	1	19.01	1	17.89	176.2	69.36	1	15.49	81.2	33.9	86.75	84.41	1	13.63	1	34.79	1	15.91	1	130.59
1304	9 V	672583	6271449	60	ppm	1	468.03	46.67	30.6	1296.63	267.76	1	72.63	1	107.81	1	197.31	146103.19	15095.53	1	78.23	1	31.65	3852.29	1366.77
1305	9 V	672582	6271451	60	ppm	1	268.77	26.95	25.4	2820.15	352.65	70.14	47.07	1	71.33	1	167	75716.6	6448.6	1	76.77	1	19.97	2942.75	838.69
1306	9 V	672575	6271449	60	ppm	1	46.25	1	20.66	4375.73	425.34	1	26.08	75.44	53.41	120.04	118.3	115.69	28.66	1	44.6	1	14.86	1	192.59
1307	9 V	672584	6271455	60	ppm	229.47	136.51	25.52	20.79	1813.13	279.47	1	45.64	1	163.71	255.94	178.7	257.29	50.03	1	63.73	42.53	20.05	18239.76	1775.7
1307	9 V	672584	6271455	60	ppm	1	51.62	1	24.93	1378.99	242.63	41.14	34.92	57.03	53.46	252.57	175.72	468.79	73.75	1	53.9	26.65	19.52	1	267.63
1307	9 V	672584	6271455	60	ppm	1	33.29	1	19.36	2421.01	337.92	1	31.8	61.12	58.47	1	252.94	111.68	34.56	1	62.86	1	27.94	1	294.97
1307	9 V	672584	6271455	60	ppm	1	15.46	1	19.17	1308.31	172.99	1	23.41	43.19	33.97	182.46	88.94	35.76	16.54	1	41.56	1	12.07	1	123.42
1308	9 V	672584	6271455	60	ppm	1	514.7	29.28	29.47	8193.54	900.57	1	62.85	1	121.38	1	257.33	162809.2	17364.33	90.48	75.13	1	30.19	3799.1	1478.18
1308	9 V	672584	6271455	60	ppm	1	679.65	1	32.23	8766.87	1033.23	1	68.04	1	137.88	1	285.91	216846.45	26350.95	1	88.52	1	30.01	4441.57	1886.93
1308	9 V	672584	6271455	60	ppm	1	617.09	1	29.12	8837.41	1013.57	1	70.49	1	138.73	1	278.87	198119.02	22906.86	1	61.92	1	35.18	4287.92	1744.9
1308	9 V	672584	6271455	60	ppm	1	397	1	52.66	1028.49	267.56	1	69.49	1	103.04	1	306.65	90672.95	9752.87	1	96.25	1	27.65	2380.91	1210.45
1308	9 V	672584	6271455	60	ppm	1	70.26	1	15.68	868.88	161.81	1	23.62	53.46	43.08	1	189.89	4967.23	395.71	1	46.6	1	14.6	1	263.01
1308	9 V	672584	6271455	21.36	ppm	1	30.99	1	209.28	316.47	87.46	1	27.62	1	35.51	1	94.83	52.36	18.38	110.63	78.33	1	11.37	1	137.04
1311	9 V	672494	6271486	60	ppm	1	29.07	1	13.72	304.6	91.17	1	22.09	78.95	37.96	1	103.37	1	15.26	1	39.79	52.01	15.68	1	160.31
1346	9 V	672568	6271449	60	ppm	1	40.64	21.72	21.21	5112	529.24	1	38.44	1	89.15	1	227.65	119.64	33.35	1	69.15	1	25.11	1	220.62
1347	9 V	672568	6271449	60	ppm	1	38.13	1	17.46	329.85	78.14	1	19.54	43.69	26.98	101.17	81.42	200.27	28.42	1	41.46	1	10.62	1	132.02
1348	9 V	672454	6271656	60	ppm	1	17.83	1	12	357.38	87.64	1	22.44	44.15	30.71	93.15	91.77	24.61	13.73	1	42.83	1	17.84	1	175.95
1349	9 V	672161	6271778	60	ppm	1	28.95	1	17.41	95.78	56.65	1	12.11	38.1	25.68	1	116.96	13.66	10.11	1	47.89	1	14.57	1	124.24
1350	9 V	672148	6271804	60	ppm	1	33.97	1	19.99	1116.11	144.79	1	28.76	38.66	28.19	100.41	88.04	1	20.17	1	36.88	1	11.12	1	114.29
1351	9 V	672154	6271804	60	ppm	1	24.67	1	12.21	2488.95	217.7	1	22.01	75.01	37.05	1	71.8	1	9.87	1	34.08	15.73	12.08	1	129.42
1352	9 V	672149	6271806	60	ppm	1	29.11	1	12.11	308.57	87.3	1	26.07	1	44.69	130.93	92.94	19.33	14.34	1	37.54	15.69	13.74	1	149.84
1353	9 V	672193	6271882	60	ppm	1	28.37	1	11.45	108.46	60.14	1	18.15	53.95	27.89	1	97.44	1	14.38	1	34.61	1	10.87	1	123.36
1354	9 V	672305	6271999	60	ppm	1	69.85	1	26.44	91755.7	6935.67	1	40.27	275.94	181.43	1	139.26	1	46.04	1	58.14	1	15.46	1	264.61
1355	9 V	672303	6271997	60	ppm	1	58.85	115.97	39.14	52307.79	4519.12	1	30.1	1	232.81	1	204.07	1	29.21	1	64.54	1	28.37	1	284.15
1356	9 V	672299	6271993	60	ppm	1	41.98	1	19.06	5536.67	567.15	1	39.19	1	56.5	1	148.98	1	28.01	1	52.04	1	15.41	1	201.2
1357	9 V	672299	6271994	60	ppm	1	35.79	1	22.11	4805.95	398.66	1	14.4	260.27	65.74	1	161.85	93.7	21.99	1	40.49	1	13.46	1	163.52
1358	9 V	672305	6272001	60	ppm	1	39.54	15.81	15.49	31044.14	2039.79	1	24.92	175.99	95.38	1	139.45	1	18.83	1	45.81	1	19.11	1	168.19
1359	9 V	672304	6271999	60	ppm	1	115.65	71.32	51.47	164832.58	18284.03	1	53.81	776.15	375.86	1	272.65	54.8	46.23	1	99.28	47.66	35.07	1	642.2
1360	9 V	672644	6272078	60	ppm	1	16.45	1	11.77	198.56	63.83	1	12.32	38.85	26.03	1	91.19	11.19	9.47	1	41.96	16.99	11.35	1	149.52
1366	9 V	679114	6271236	60	ppm	1	17.41	1	15.58	256.05	73.43	1	17.6	96.57	34.92	1	74.22	1	8.94	1	34.21	1	11.73	1	126.68
1367	9 V	679112	6271236	60	ppm	1	27.72	1	11.68	134.55	59.46	1	10.45	108.59	34.95	1	69.81	12.4	8.83	1	40.22	1	16.34	1	123.47
1368	9 V	679103	6271230	60	ppm	1	24.09	1	11.8	143.55	58.2	1	13.93	112.57	34.19	1	105.22	1	9.91	1	39.79	1	10.31	1	118.44
1369	9 V	679099	6271230	60	ppm	1	16.79	1	11.39	103.45	52.81	1	11.24	124.65	34.68	1	65.22	9.73	8.75	1	45.05	11.81	11.06	1	111.12
1370	9 V	679096	6271229	60	ppm	1	16.15	1	10.78	111.46	55.24	1	17.14	117.2	34.48	88.88	77.72	1	7.83	1	30.44	1	10.98	1	113.4
1371	9 V	679089	6271232	60	ppm	1	22.6	1	13.34	1	68.85	1	11.89	94.07	35.01	1	105.38	1	13.35	1	36.25	1	13.45	1	133.52
1372	9 V	679086	6271225	60	ppm	1	16.75	1	11.27	52.01	48.75	1	17.89	62.37	28.83	1	76.76	1	13.42	1	39.13	1	17.06	1	117.91
1373	9 V	679077	6271224	60	ppm	1	13.47	1	10.89	148.81	58.08	1	10.94	153.05	39.24	1	72.93	11.52	8.73	1	31.71	18.85	11.27	1	169.15
1374	9 V	679074	6271226	60	ppm	1	31.35	1	12.61	1	56.41	1	20.67	55.88	27	1	97.88	1	8.66	1	31.39	32.62	11.95	1	122.67
1374	9 V	679072	6271222	60	ppm	1	15.49	1	12.58	161.81	59.88	1	23.18	89.77	31.55	1	99.62	1	13.74	1	32.64	1	11.13	1	114.23
1376	9 V	679068	6271220	60	ppm	1	24.63	1	16.71	1	80.27	1	17.25	105.09	35.21	1	102.99	1	12.51	1	51.21	16.2	12.04	1	128.14
1377	9 V	679063	6271217	60	ppm	1	29.73	1	10.52	102.25	52.2	1	15.06	74.29	29.01	1	72.37	1	10.5	1	31.67	1	12.25	1	121.03
1378	9 V	679061	6271217	60	ppm	1	17	1	12.97	456.5	88.55	1	23.38	1	37.76	1	76.24	1	10.73	1	36.97	55.53	13.6	1	123.73

Sample	Ba	Ba Error	S	S Error	K	K Error	Ca	Ca Error	Ti	Ti Error	V	V Error	Cr	Cr Error	Mn	Mn Error	Fe	Fe Error	Co	Co Error	Se	Se Error	Rb	Rb Error
1297	1	137.4	45812.36	11787.43	1	790.21	3274.83	374.07	237.83	143.08	1	114.94	103.1	44.57	406.81	186.05	94259.23	3783.78	1	383.71	1	6.63	1	2.62
1298	247.5	163.47	66789.43	14677.15	1	907.8	84270.34	3993.24	1150.05	265.11	1	243.67	97.54	62.13	591.92	295.86	131816.81	7297.26	1	683.32	28.48	20.35	1	6.64
1299			23913.35	14800.21	2948.57	1348.1	12823.47	1252.21	695.37	315.78	1	273.96	85.14	75.23	1737.56	296.81	128832.2	5191.95	1	453.52	14.35	10.25	10.57	5.1
1300	415.48	176.43	162078.28	19153.15	2345.92	1200.89	57357	2855.79	1533.67	355.64	1	310.12	113.1	84.68	2971.03	474.18	233225.19	12035.06	1	750.7	27.83	19.88	1	7.52
1301	425.82	130.99	1	8797.23	15403.42	1409.62	45397.13	2126.83	4036.79	323.23	310.49	138.52	245.79	47.14	705.93	245.19	51392.48	2624.25	1	527.67	1	6.76	37.1	8.42
1302	1618.97	154.55	16653.95	7941.79	18089.79	1550.01	43548.27	1851.13	3856.55	344.36	324.41	168.02	191.37	49.13	1754.64	291.06	79766.82	3367.09	1	420.46	9.03	7	38.43	7.68
1303	378.64	123.01	19460.18	10403.93	5808.18	1164	27158.12	1431.13	3445.77	355.05	247.91	174.67	1	73.6	980.64	264.16	106678.23	4721.38	1	453.85	1	11.55	22.25	6.96
1304	1	229.1	23434.98	14067.79	1	760.75	1	500.76	1	504.59	270.47	212.95	133.31	98.05	480.05	356.05	290122.25	15413.41	2049.76	976.75	1	65.98	44.13	18.42
1305	492.38	214.74	41154.95	18414.98	1594.72	1175.25	1232.32	586.64	1934.05	414.14	393.89	248.28	107.03	102.36	877.56	329.85	298112.69	14376.5	2912.34	853.78	1	41.78	37.63	12.66
1306	168.7	151.39	138875.84	18565.45	1	816.93	7966.71	748.41	240.12	236.42	1	251.86	136.28	76.4	1007.51	309.12	235884.84	11121.45	1	699.73	1	13.34	1	7.23
1307	232.38	162.8	157651.75	22473.68	5223.39	1441.7	1626.74	628.93	1	285.78	1	192.42	1	149.07	1	263.9	343233.06	17304.33	1	832.82	90.47	64.62	1	7.25
1307	1	240.58	286179.81	22085.18	1	993.5	7659.97	891.74	324.45	283.11	1	249.46	1	125.06	547.42	342	370165.03	19300.22	1	1175.54	33.44	23.89	1	9.42
1307	384.78	194.41	94687.3	19360.97	1	811.21	1	676.24	1	314.21	1	333.4	1	88.9	1	494.88	408890.28	20847.05	1	909.65	1	20.38	9.52	8.64
1307	1	168.42	46576.95	13838.4	1	791.9	1	396.03	1	258.14	1	175.09	1	90.26	1	291.82	279051.41	11322.8	1	613.81	1	6.8	1	5.33
1308	1	349.28	18874	15886.44	1	782.94	1046.32	444.78	987.61	302.4	364.02	201.91	1	139.47	887.84	396.36	289443.41	15484.52	7184.89	1106.15	1	77.53	55.92	22.48
1308	1	234.47	38785.46	17756.91	1	837.92	1	569.02	1	324.3	1	259.73	222.89	117.62	1	572.11	270882.28	15736.94	5790.12	1171.75	1	98.66	61.61	28.96
1308	1	178.75	14044.82	11211.12	1	1104.92	1	318.93	1	289.5	1	154.07	116.03	72.51	561.23	390.74	303227.38	16821.33	7824.81	1199.97	1	92.55	64.48	27.33
1308	1	253.83	93521.07	23278.66	1	1082.92	3004.79	701.37	1	369.79	1	229.39	1	126.3	1	531.77	331985.25	20145.74	4064.66	1149.82	1	58.25	28.86	16.74
1308	199.67	158.93	67999.34	16787.07	1	748.76	418.23	384.47	2381.07	329.5	357.87	184.62	1	97.36	1113.7	320.84	267627.44	12447.04	1	724.56	1	12.62	1	8.1
1308			248433.5	100954.86	1	4947.44	1	5211.14	907.22	857.31	1	600.64	1	296	1	298.61	137355.8	6593.25	2716.77	590.25	17.83	12.74	1	3.41
1311	513.7	147.02	57440.39	12130.91	6840.43	1160.63	46881.39	2202.82	1422.09	231.04	255.97	131.37	1	60.5	1479.9	330.04	119657.73	5782.21	1	719.54	1	10.59	24	7.8
1346	548.43	181.78	147356.14	19262.84	2121	1046.97	11858.12	985.04	629.97	240.69	1	149.05	1	117.02	1051.24	350.32	244058.58	12667.06	1	793.09	1	14.02	1	10.06
1347	426.2	125.94	124864.07	16803.6	3147.56	931.72	426.81	379.98	1110.26	210.73	159.42	124.04	78.01	59.01	568.22	213.45	156042.05	6160.86	1	488.26	1	7.15	1	2.69
1348	239.81	118.35	28542.93	10062.06	1	983.36	77206.16	3172.35	2337.37	273.54	439.65	148.22	226.2	56.75	1400.13	305.34	87149.08	4139.39	1	671.88	1	11.41	1	4.18
1349	796.04	133.7	8486.3	7735.7	4598.44	950.1	33573.22	1578.02	3373.59	307.16	260.09	144.66	127.47	47.62	942.54	250.02	77734.77	3485.4	1	387.43	1	4.84	17.91	6.32
1350	441.23	133.04	79124.63	15190.85	3242.47	998.64	19221.21	1123.92	1472.99	294.66	439.21	181.85	1	79.94	668.14	235.18	216556.52	8641.11	1	562.31	1	11.76	1	3.77
1351	184.5	114.94	43931.43	9357.04	7383.21	1014.53	52265.14	2254.35	6542.23	416.53	262.66	147.21	148.32	42.08	1062.02	261.55	53674.23	2575.84	1	421.15	1	6.89	1	7.13
1352	331.66	122.28	61743.45	14182.04	1	971.99	13880.42	898.99	2096.31	291.2	367.76	165.74	71	61.6	534.12	240.03	224293.02	9344.61	1	590.01	1	14.48	1	8.06
1353	346.39	121.39	14229.14	6684.86	2597.44	800.23	48459.47	2171.95	2957.05	252.45	261.17	112.7	185.36	42.59	1236.87	285.69	54523.02	2700.28	1	357.01	1	11.45	7.69	4.83
1354	1	214.17	105212.41	19157.33	1	921.61	4025.34	539.35	804.5	261.65	1	219.82	1	105.2	287.25	266.42	200454.55	9337.15	1	750.06	44.27	31.62	1	16.28
1355	1	313.25	92978.18	19476.71	1	851.22	8723.3	880.32	2197.41	397.52	1	291.59	1	122.4	948.88	370.51	222969.02	12115.4	1	886.91	25.8	20.63	1	6.99
1356	1	179.15	20325.19	12638.78	1	887.71	1	539.75	280.57	241.99	1	231.01	1	136.72	300.84	282.75	362141.28	17255.59	1	822.52	1	13.58	1	11.02
1357	444.8	144.41	49724.55	13577.5	13581.61	1638.77	31210.36	1652.53	4847.53	414.71	473.05	193.08	100.35	62	1542.46	320.59	143135.92	6512.15	3227.22	607.37	1	11.18	63.39	11.84
1358	184.51	124.99	63561.34	14521.4	2729.16	953.5	5381.06	622.25	1757.8	287.43	310.58	166.51	1	100.26	751.97	254.78	188984.64	7948.62	1	852.21	28.12	20.09	1	5.72
1359	1	324.23	218498.11	25601.25	1	1554.35	6933.83	908.12	1319.34	337.09	341.44	214.45	203.67	116.72	544.71	435.8	251727.41	15951.93	1	1349.89	42.88	40.12	1	11.36
1360	403.01	121.37	91014.59	12914.06	4594.32	942.62	38902.45	1760.47	1937.36	233.5	200.35	121.32	122.61	45.34	1032.48	247.72	67311.7	3015.18	1	492	11.16	7.94	10.28	4.98
1366	526.47	124.81	10208.71	6241.14	39552.09	2345.04	31799.91	1666.19	2663.48	357.51	436.54	194.59	263.04	51.49	1029.79	264.85	52884.68	2589.17	1	395.02	1	4.27	13.04	5.73
1367	1243.07	152.23	20860.87	7947.76	6882.6	1053.67	70049.37	2844.14	3656.24	330.94	260.07	155.33	160.92	46.3	948.11	253.73	64227.72	3023.72	1	369.19	1	5.26	1	5.82
1368	605.7	98.67	16044.21	6468.58	11065.46	1096.31	42781.59	1853.93	2254.42	209.54	153.97	97.69	145.87	33.9	782.87	230.06	51490.28	2404.67	1	459.12	1	6.84	38.92	7.89
1369	677.77	128.45	11246.79	5764.25	3402.25	785.26	51400.76	2131.35	3051.15	257.82	254.45	118.43	180.38	39.24	611.34	206.68	47687.04	2229.01	1	376.5	1	7.28	5.97	4.38
1370	1282.02	140.66	6476.54	5279.48	9384.15	1041.06	38540.3	1737.82	2896.85	252.74	124.35	113.39	201.19	37.63	496	196.4	36690.2	1827.49	293.72	292.22	1	6.92	13.84	5.34
1371	832.71	142.51	7145.47	6379.77	7196.93	1030.44	37253.54	1753.04	2141.56	261.52	257.87	137.19	185	47.03	918.94	256.64	65316.88	3121.76	1	374.29	1	5.68	18.24	6.52
1372	1159.75	140.74	14534.76	6432.77	7411.78	988.64	48291.89	2071.73	2903.96	282.31	280.92	138.78	202.76	43	907.66	243.47	51625.31	2438.82	1	325.03	1	7.29	16.88	6.1
1373	329.89	112.27	1	9359.29	10485.21	1112.48	61835.57	2554.99	2019.31	206.65	221.52	102.27	218.11	40.1	1265.01	270.69	36827.97	1827.14	1	377.96	1	9.98	12.38	5.17
1374	610.01	121.34	8711.58	6664	8755.42	1114.93	57019.84	2294.13	3380.72	282.41	376.49	133.3	172.64	46.21	1246.85	263.12	69243.5	3037.53	1	362.7	1	4.54	20.48	6.16
1374	2272.64	195.77	9743.54	7113.64	31705.88	2010.57	47457.35	2100.16	1480.73	293.08	1	253.62	117.29	42.61	972.54	243.83	56368.89	2600.98	1	442.15	1	8.24	35.06	7.44
1376	391.02	135.81	11745.65	7706.71	1	1410.3	113456.89	4357.34	3026.67	288.75	333.23	137.38	153.91	50.83	1900.22	337.58	61896.52	3041.75	1	391.39	1	7.09	1	3.34
1377	725.21	122.42	1	4668.47	5251.76	854.21	46039.91	1957.44	291.64	107.32	1	100.86	163.37	33.64	599.19	202.22	37421.29	1807.11	1	469.25	1	3.9	25.62	6.42
1378	1696.88	180.04	81891.85	12572.03	9038.31	1165.42	30853.65	1477.21	539.17	188.84	1	151.02	108.2	45	716.37	227.55	92762.89	4052.74	1	416.14	1	11.08	15.51	5.72

Sample	Sr	Sr Error	Zr	Zr Error	Pd	Pd Error	Cd	Cd Error	Sn	Sn Error	Bi	Bi Error	Bal	Bal Error	Nb	Nb Error
1297	7.21	4.57	1	6.9	1	7.57	1	14.15	1	43.17	1	10.6	855783.94	5359.25	9	8.45
1298	722.75	65.7	61.31	22.39	1	13.53	1	35.73	1	111.84	1	18.71	713974.63	13398.37	1	16.76
1299	83.15	11.58	58.23	11.85	1	145.63	1	234.32	129.15	107.64	1	12.59	827737.94	6591.76	1	13.48
1300	254.65	30.79	101.99	21.48	1	15.76	1	24.8	1	109.83	1	25.74	539053.06	19267.12	1	16.17
1301	456.07	35.57	83.84	16.68	1	12.25	1	17.9	1	78.71	1	14.81	881379.25	5222.76	17.1	9.91
1302	438.32	31.05	64.69	13.89	1	7.85	1	16.62	80.87	45.46	1	17.39	833445	6228.96	1	9.87
1303	327.34	28.35	89.12	16.34	1	12.61	1	17.36	1	60.01	1	14.22	835059.44	6783.05	1	11.97
1304	1	9.4	1	16	1	31.5	1	39.59	121.86	95.28	1	83.39	532044.5	32095.59	1	19.65
1305	14.83	11.28	1	17.93	1	18.95	1	28.17	115.62	88.23	1	49.89	569443.38	23136.22	1	15.99
1306	67.21	13.57	1	11.38	1	12.5	1	20.06	1	82.88	1	23.05	610941.38	16115.82	24.49	13.13
1307	10	8.09	1	11.87	1	19.72	1	23.27	99.46	70.53	1	23.82	470969.13	23845.47	1	12.54
1307	9.9	8.29	1	14.47	1	15.37	1	25.13	133.8	81.75	1	43	332720.94	26789.07	1	18.11
1307	1	11.66	1	17.5	1	20.34	1	25.86	93.12	80.84	52.7	37.15	493288.5	24061.08	1	13.44
1307	1	3.97	1	6.77	1	10.51	1	20.56	1	84.08	1	18.31	672801.88	12765.96	1	9.2
1308	1	26.63	1	22	44.98	28.32	1	31.19	1	161.24	1	68.88	506189.28	35174.77	1	24.55
1308	1	12.56	1	31.24	45.79	31.08	1	35.86	1	148.2	1	127.46	454156.88	45793.7	1	25.44
1308	1	22.74	1	25.39	1	26.99	1	25.07	1	94.86	1	112.28	462916.88	42010.03	1	27.07
1308	24.89	17.23	1	17.89	1	41.03	1	38.46	1	103.74	1	94.04	473288.13	34746.8	1	22.14
1308	1	9.75	1	14.21	1	14.37	1	22.9	68.05	67.44	1	34.37	653945.06	15303.97	1	11
1308	9.78	5.74	1	9.96	1	112.12	1	185.9	1	106.49	1	15.88	610079.56	13306.9	1	8.62
1311	205.89	22.62	18.33	12.2	1	9.88	1	19.66	64.65	58.62	1	16	764760	9988.59	1	11.81
1346	34.18	11.21	53.57	16.24	1	23.16	1	32.79	1	114.57	1	31.8	587035.44	18643.78	1	19.69
1347	30.55	7.32	90.94	13.46	1	7.95	1	16.99	50.98	50.78	1	10.92	712330	9890.32	1	7.62
1348	381.13	31.87	82.57	16.45	1	11.71	1	25.56	65.07	50.34	1	18.14	801410.63	8106.91	1	13.61
1349	563.58	40.51	65.34	15.88	1	14.3	1	15.88	1	65.11	1	20.15	869313.13	5363.94	1	12.35
1350	416.94	34.58	83.14	16.92	1	9.76	1	18.46	90.3	54.78	1	19.41	676988.06	11748.12	1	8.31
1351	719.08	48.64	129.08	19.59	1	8.69	1	16.26	1	77.77	1	24.51	831103.13	6721.73	15.19	9.28
1352	484.09	41.02	77.76	18.18	1	9.29	1	15.15	55.97	50.08	1	18.2	695589.81	11841.89	1	8.92
1353	103.49	13.19	91.68	14.25	1	13.71	1	17.73	61.93	50.41	1	12.75	874776.81	5358.82	1	13.04
1354	38.56	12.8	1	16.12	1	13.65	1	27.35	1	80.33	904.46	135.62	596196.94	20188.01	1	12.88
1355	109.97	22.98	1	14.2	1	18.4	1	30.26	1	93.03	48.29	37.59	619575.44	20741.98	1	17.78
1356	15.45	8.69	1	8.73	1	12.08	1	21.71	1	70.29	1	43.2	611400.06	18329.3	1	11.48
1357	95.32	14.24	15.54	10.57	1	13.42	1	19.75	110.08	60.46	1	18.5	746267.88	10519.07	1	10.99
1358	39.78	9.99	1	10.38	1	8.15	1	18.29	1	77.82	1	16.63	705035.19	12314.44	1	13.67
1359	48.49	22.47	1	39.09	1	50.76	1	46.62	1	134.71	164.6	85.47	354393.13	43879.96	1	38.81
1360	275.28	22.69	46.75	12.15	1	9.2	1	15.6	51.39	49.42	1	21.59	793808.69	7553.85	11.94	8.73
1366	424.7	32.52	75.69	15.45	1	14.42	1	16.54	1	50.72	20.88	18.18	859736.38	5824.45	11.99	9.21
1367	533.87	38.45	73.38	15.9	1	9.42	1	15.47	53.88	49.66	1	14.28	830783.44	6733.58	10.92	9.03
1368	474.55	33.58	62.05	14.29	1	6.48	1	12.07	1	33.2	1	14.23	873843.94	5055.31	1	7.44
1369	396.97	28.85	92.43	15.01	1	8.7	1	16.19	1	55.14	1	15.57	880728.13	4737.18	14.91	8.72
1370	393.56	28.94	70.55	14.05	1	9.11	1	19.37	1	62.12	1	12.78	902819.19	4047.47	1	9.99
1371	582.34	42.59	67.87	16.55	1	13.19	1	17.01	1	49.37	1	20.03	877978.13	5240.28	10.42	9.38
1372	890.75	56.57	60.76	17.02	1	12.13	1	16	1	69.34	1	21.83	871585.88	5198.68	12.61	8.87
1373	472.07	32.97	57.92	13.87	1	8.44	1	15.27	59.91	46.85	1	15.83	885862.88	4585.78	1	8.8
1374	437.13	31.37	51.3	13.45	1	10.01	1	15.1	77.79	47.67	1	15.91	849807.81	5768.02	1	12.61
1374	262.15	21.77	59.62	12.63	1	8.47	1	16.05	1	56.78	1	16.33	849272.75	5902.29	1	11.23
1376	207.92	19.99	46.34	12.34	1	14.21	1	19.58	117.06	57.99	1	20.59	806603.31	7652.8	1	14.16
1377	255.08	20.66	86.16	13.52	1	8.49	1	15.08	52.95	45.82	1	22.32	908911.31	3689.29	1	11.04
1378	199.94	19.07	29.82	11.03	1	10.23	1	17.4	1	78.63	1	13.68	781619.81	8156.78	15.59	9.31

Sample	UTM	Easting	Northing	Duration	Units	Au	Au Error	Ag	Ag Error	Cu	Cu Error	Pb	Pb Error	Zn	Zn Error	Ni	Ni Error	As	As Error	Sb	Sb Error	Mo	Mo Error	W	W Error
1379	9 V	679060	6271212	60	ppm	1	16	1	11.39	497.87	88.81	1	15.1	1	31.11	1	74.23	1	12.52	1	32.37	137.02	16.82	1	111.87
1380	9 V	679057	6271211	60	ppm	1	13.89	1	14.44	85.05	52.79	1	10.8	54.29	27.07	1	74.3	12.75	8.94	1	34.17	12.45	11.35	1	108.09
1381	9 V	679055	6271217	60	ppm	1	18.65	1	19.78	1357.08	172.41	1	20.7	1	41.95	1	90.59	1	13.74	1	39.16	131.12	19.91	1	218.79
1382	9 V	679048	6271213	60	ppm	1	28.37	1	21.01	343.95	99.85	1	17.07	1	47.27	125.69	115.28	13.87	12.26	1	49.29	46.19	16.12	1	236.95
1383	9 V	679051	6271211	60	ppm	1	40.93	1	28.38	2251.19	269.38	1	29.03	1	61.46	1	157.93	1	24.84	1	46.51	42.99	17.25	1	227.42
1384	9 V	679046	6271214	60	ppm	1	15.57	1	7.91	478.91	80.24	1	15.53	33.38	23.86	1	59.61	1	7.08	1	23.61	1	9.64	1	138.4
1385	9 V	679047	6271214	60	ppm	1	60.26	1	19.07	311.68	123.55	1	54.1	52.5	46.56	1	132.18	1	31.09	1	53.53	30.34	18.66	1	263.21
1386	9 V	679042	6271209	60	ppm	1	25.55	1	12.72	178.01	71.42	1	22.91	37.13	28.07	1	118.43	1	13.02	1	36.29	17.37	12.82	1	137.58
1387	9 V	679038	6271208	60	ppm	1	22.99	1	10.04	167.22	57.44	15.5	14.4	68.87	28.2	1	69.79	1	8.55	1	28.97	1	15.03	1	115.29
1388	9 V	679035	6271204	60	ppm	1	17.46	1	10.84	415.18	84.15	19.98	15.84	71.39	31.28	172.68	82.68	1	11.04	1	34.57	1	10.92	1	128.59
1389	9 V	679029	6271203	60	ppm	1	16.59	1	11.87	382.02	82.84	1	17.69	79.2	31.78	1	121.07	1	13.85	1	34.02	41.45	12.94	1	115.69
1390	9 V	679030	6271203	60	ppm	1	36.13	1	14.91	988.83	140.73	1	26.3	89.74	38.35	1	91.36	1	10.57	1	41.28	28.47	13.51	1	149.22
1391	9 V	679027	6271203	60	ppm	1	37.24	1	13.77	215.97	75.3	37.97	20.31	75.03	34.02	1	130.52	1	11.5	1	40.69	1	12.17	1	145.98
1392	9 V	679022	6271197	60	ppm	1	14.35	1	10.6	1520.12	149.82	1	14.45	73.21	30.91	1	110.2	1	12.39	1	32.8	1	9.68	1	98.21
1393	9 V	679022	6271198	60	ppm	1	22.28	1	12.39	5872.93	435.25	1	25.47	1	54.77	1	94.62	1	15.88	1	35.67	1	11.12	1	196.06
1394	9 V	679016	6271193	60	ppm	1	13.82	1	10.99	372.59	82.4	1	20.89	54.17	29.68	1	77.67	1	9.08	1	34.07	17.47	11.69	1	143.95
1395	9 V	679018	6271196	60	ppm	1	14.98	1	14.98	297.96	75.61	1	13.8	74.31	31.22	124.62	82.9	11.85	9.87	1	34.24	1	15.39	1	116.86
1396	9 V	679013	6271196	60	ppm	1	14.49	1	10.57	121.52	52.06	1	16.96	59.35	26.23	1	62.59	1	12.65	1	35.68	1	11.94	1	102.9
1397	9 V	679014	6271193	60	ppm	1	25.07	1	11.35	140.5	59.41	1	9.86	65.4	28.19	1	74	13.48	8.53	1	31.33	1	10.07	1	114.25
1398	9 V	679004	6271192	60	ppm	1	21.38	1	11.77	115.64	57.02	1	18.42	66.78	28.79	102.12	78.45	1	9.27	1	43.89	11.79	11.42	1	115.78
1399	9 V	679000	6271192	60	ppm	1	30.89	1	24.01	123.87	76.15	1	22.18	1	42.17	1	132.76	1	21.81	1	46.07	1	12.26	1	156.02
1400	9 V	678997	6271188	60	ppm	1	23.51	1	15.07	443.35	89.04	1	15.65	92.6	33.77	162.73	82.67	1	9.28	1	36.31	1	15.62	1	118.93
1401	9 V	678991	6271185	60	ppm	1	12.59	1	11.01	143.23	58.57	1	12.78	60.21	28.72	1	101.24	1	13.75	1	53.07	18.69	11.59	1	133.73
1402	9 V	678984	6271185	60	ppm	1	22.83	1	21.94	292.69	72.81	1	18.12	105.16	34.52	1	67.9	1	15.8	1	33.19	1	15.19	1	122.32
1403	9 V	678954	6271180	60	ppm	1	16.11	1	16.18	62.77	46.34	1	13.17	59.93	25.93	1	69.59	9.37	8.8	1	28.66	12.48	10.67	1	104.18
1404	9 V	678941	6271170	60	ppm	1	13.2	1	10.91	348.87	76.67	1	11.21	74.88	30.57	1	84.91	8.68	8.56	1	33.97	15.64	11.47	1	111.34
1405	9 V	678934	6271168	60	ppm	1	20.26	1	10.57	68.74	43.98	1	9.3	46.06	23.33	1	57.3	12.4	7.79	1	29.52	10.3	10.03	1	102.03
1406	9 V	678918	6271170	60	ppm	1	11.72	1	17.25	128.01	56.21	1	14.96	69.26	28.85	1	121.13	10.43	9.64	1	34.53	12.01	11.15	1	105.79
1407	9 V	678912	6271172	60	ppm	1	15.37	1	15.63	260.45	74.63	1	12.15	63.78	31.08	1	91.6	10.85	9.71	1	37.48	41.63	13.47	1	124.11
1408	9 V	678917	6271169	60	ppm	47.08	41.78	1	17.36	1257.16	189.19	1	25.57	1	51.1	1	166.51	1	25.05	1	44.32	1	13.54	1	210.24
1409	9 V	678919	6271167	60	ppm	1	25.65	1	24.49	708.6	128.12	1	25.86	1	51.3	1	100.98	1	11.55	1	41.35	16.52	13.97	1	155.42
1410	9 V	678905	6271164	60	ppm	1	18	1	16.78	288.18	79.02	1	22.63	111.72	38.1	1	87.99	1	13.12	1	37.11	65.55	15.03	1	131.38
1411	9 V	678894	6271163	60	ppm	1	23.9	1	10.9	175.36	59.11	1	11.86	106.75	32.64	1	64.72	1	11.7	1	41.14	11.13	10.85	1	115.29
1412	9 V	678891	6271168	60	ppm	1	13.11	1	10.18	58.69	43.6	1	13.62	60.35	24.68	1	81.22	1	9.61	1	30.09	1	15.61	1	91.29
1413	9 V	678875	6271167	60	ppm	1	15.68	1	11.21	74.65	47.77	1	10.12	102.93	31.33	1	63.74	1	11.35	1	32.19	1	9.74	1	105.08
1414	9 V	678867	6271162	60	ppm	1	16	1	11.84	55.83	46.38	1	12.67	67.23	27.47	1	61.12	1	12.76	1	39.91	1	9.66	1	108.1
1415	9 V	678858	6271163	60	ppm	1	14.7	1	19.75	52.86	49.69	1	12.84	93.34	32.63	1	72.75	1	11.52	1	34.04	15.02	11.67	1	113.29
1416	9 V	678836	6271159	60	ppm	1	13.8	1	13.2	116.11	53.23	1	21.42	41.55	24.35	1	57.61	1	8.3	1	34.66	1	11.92	1	104.82
1417	9 V	678825	6271157	60	ppm	1	17.37	1	9.28	261.38	77.07	1	12.63	1	35.09	198.63	89.17	12.91	10.05	1	30.56	13.76	12.59	1	160.58
1418	9 V	678825	6271158	60	ppm	1	41.74	1	16.08	7160.87	602.74	1	34.07	82.34	58.58	1	121.12	1	23.17	1	45.62	15.88	15.06	1	181.66
1419	9 V	678807	6271158	60	ppm	1	15.25	1	12.49	76.59	47.74	1	21.04	89.57	29.95	1	62.03	1	12.19	1	32.2	1	9.46	1	107.55
1420	9 V	678793	6271159	60	ppm	1	15.3	1	11.16	89.11	50.03	1	11.93	99.41	31.03	75.09	68.65	1	12.74	1	32.31	1	13.71	1	104.77
1421	9 V	678698	6271169	60	ppm	1	24.01	1	11.44	121.62	59.28	1	15.71	78.61	31.59	1	81.72	1	15.72	1	47.91	1	13.9	1	124.21
1422	9 V	678698	6271174	60	ppm	1	22.32	1	14.6	138.51	60.65	1	16.55	59.21	28.36	1	95.18	1	15.81	1	34.66	1	10.3	1	117.44
1423	9 V	678593	6271200	60	ppm	1	17.86	1	13.4	82.68	49.52	1	16.27	46.11	25.43	1	65.96	1	8.71	1	34.41	1	9.48	1	122.35
1424	9 V	678591	6271207	60	ppm	1	23.21	1	13.07	980.3	123.63	1	18.96	1	38.2	1	67.07	1	10.67	1	48.48	12.17	11.1	1	115.52
1425	9 V	678590	6271207	60	ppm	1	17.11	1	16.85	199.32	64.51	17.2	15.59	54.5	28.9	1	90.97	1	11.58	1	32.13	11.52	11.29	1	175.28
1426	9 V	678584	6271205	60	ppm	1	17.5	1	11.49	350.13	77.05	1	24.71	92.21	33.27	1	77.06	1	9.87	1	37.67	12.77	11.24	1	141.59
1427	9 V	678580	6271205	60	ppm	1	24.65	1	13.06	1099.18	136.43	16.72	16.3	78.63	34.73	1	107.81	1	9.45	1	46.5	12.14	11.78	1	131.07

Sample	Ba	Ba Error	S	S Error	K	K Error	Ca	Ca Error	Ti	Ti Error	V	V Error	Cr	Cr Error	Mn	Mn Error	Fe	Fe Error	Co	Co Error	Se	Se Error	Rb	Rb Error
1379	1148.57	145.52	40002.44	7419.45	7139.13	810.5	18512.19	950.22	93.42	90.33	1	76.71	172.58	29.79	1	239.9	35797.4	1785.43	1	330.9	1	7.83	35.35	7.49
1380	392.68	121.1	13533.92	7575.03	5195.9	987.89	57565.78	2363.79	2728.93	279.88	308.81	141.13	94.9	43	1355.09	275.36	67940.42	3053.54	1	486.69	1	6.6	14.32	5.6
1381	228.43	132.71	77849.45	12937.42	1078.85	770.73	74999.53	3238.17	2264.86	250.96	274.07	126.84	80.65	45.48	471	237.24	95106.95	4739.76	1	710.63	10.91	9.57	7.77	5.3
1382	963.32	176.48	234921.02	18582.95	2114.16	1127.66	92541.88	3870.41	576.76	236.94	192.75	154.07	1	99.11	310.01	255.76	216779.42	10508.73	1	1058.15	41.85	29.89	1	5.79
1383	197.59	159.27	294914.97	19707.13	1	933.02	54108.14	2707.2	663.52	259.65	1	152.81	1	99.59	395.41	277.99	199035.63	10080.1	1	853.62	95.8	68.43	1	7.46
1384	232.9	83.92	56226.85	9049.96	827.89	381.62	8676.7	497.79	1	81.14	1	61.95	87.14	24.1	183.19	147.37	55178.31	2338.85	1	308.66	6.79	6.46	5.54	3.91
1385	1	253.76	123099	19204.9	1	1244.3	68090.85	3478.23	1	439.25	1	234.18	104.86	82.97	589.27	328.13	219707.02	12309.73	1	1236.99	70.37	50.27	1	8.3
1386	725.74	139.04	10141.28	6239.37	1770.47	682.23	51095.11	2365.93	3728.9	291.79	248.91	118.91	194.42	38.07	478.85	219.14	38314.12	2107.56	1	320.55	1	6.98	1	3.75
1387	1088.45	127.07	17741.86	6783.65	5724.82	798.81	36085.75	1560.76	2654.15	231.85	310.82	112.06	215.03	36.99	488.26	190.35	42368.92	1972.41	1	438.38	1	8.05	6.56	4.39
1388	459.72	124.52	40299.97	11519.45	11414.04	1330.05	52918.62	2208.56	1396.71	264.24	187.68	149.57	88.34	48.9	1110.9	259.7	97205.91	4163.17	1	407.81	1	7.93	12.93	5.43
1389	181.66	115.36	48078.5	11363.17	1	1038.76	68500.07	2799.7	2649.74	265.63	250.75	129.25	141.83	48.11	1199.34	272.62	69653.89	3221.48	1	378.92	1	9.23	1	4.53
1390	204.88	139.09	100823.21	13562.08	3225	951.11	83802.88	3643.54	2799.11	305.72	270.14	150.92	110.09	50.05	1546.05	329.53	69959.68	3598.94	1	415.57	16.27	11.62	14.66	6.33
1391	22170.59	1581.25	36703.07	10057.5	19142.96	1692.57	37772.23	1788.93	2564.63	477.71	284.19	268.69	209.97	63.22	1112.32	294.45	89399.75	4380.11	1	440.18	1	6.32	43.33	9.35
1392	1166.96	143.55	149879.47	14631.21	5770.7	1049.29	53284.55	2197.63	2925.35	303.96	281.37	154.26	134.68	48.66	623.89	208.2	76342.27	3292.48	1	560.83	12.15	8.68	5.17	4.1
1393	1154.42	157.5	104658.72	15899.21	2579.02	938.92	37407.85	1749.96	891.34	252.54	1	168.03	129.35	62.21	502.12	224.76	159256.27	6731.24	1	539.07	19.1	13.64	6.06	4.98
1394	534.08	125.31	22279.03	7190.08	6071.21	996.12	39396.11	1840.11	1980.28	219.06	181.41	109.35	155.65	36.55	471.85	202.12	39155.45	2002.33	1	500.01	1	5.18	8.05	4.82
1395	1241.38	147.95	22140.47	7577.62	5798.62	929.81	40943.88	1818.31	3032.38	281.08	296.41	135.62	139.69	40.29	900.29	246.38	56685.27	2660.31	1	344.93	1	5.2	10.04	5.17
1396	1422.73	142.52	8764.86	6472.5	12017.25	1193.29	51791.96	2121.95	3318.55	291.28	248.28	137.4	213.17	43.57	555.19	196.35	47785.53	2171.51	1	317.62	1	6.19	35.36	7.24
1397	510.82	115.1	8609.23	5457.62	1	910.03	49641.5	2131.07	2273.14	205.47	152.73	93.49	127.92	33.6	722.63	224.75	43820.24	2149.41	1	310.79	1	8.01	1	5.35
1398	343.03	115.29	8817.36	5731.21	1329.54	695.84	60494.29	2536.35	3387.62	270.64	270.12	117.03	149.11	39.08	610.91	213.97	41143.8	2046.29	1	300.38	1	8.06	1	5.65
1399	314.84	159.6	41958.21	13194.29	1	682.01	13892.14	935.51	1005.45	224.21	1	204.23	101.05	57.25	276.2	231.71	154982.52	7291.85	1	583.23	30.98	22.13	1	7.14
1400	975.27	149.64	81062.88	14505.35	8173.8	1282.81	15862.03	1022.8	3103.01	346.15	213.71	175.68	154.81	60.53	484.32	211.97	111456.68	4726.69	1	432.42	1	8.3	47.6	9.16
1401	1406.52	149.09	17295.04	7460.23	5381.9	957.5	75541.83	3004.75	3115.99	308.57	248.98	150.21	153.09	44.91	842.02	233.85	53368.26	2530.45	1	413.67	1	7.56	1	4.58
1402	450.98	120.24	38102.79	10872.42	1	1001.22	88676.88	3284.64	212.75	164.57	130.42	108.32	65.02	49.65	2820.28	368.88	103957.53	4469.23	1	428.88	1	8.43	1	5.55
1403	465.4	104.3	8490.43	4951.45	9454.93	970.56	29274.07	1348.64	2551.33	202.9	137.43	86.88	139.44	29.74	554.89	194	30791.19	1524.11	1	334.78	1	9.03	26.2	6.3
1404	1365.77	147.99	19184.95	7445.22	12695.24	1236.45	40914.84	1808.98	4211.54	332.31	363.63	150.85	146.95	40.56	1040.76	251.22	49866.84	2340.07	1	320.72	1	5.77	26.34	6.76
1405	475.9	106.06	1	5710.01	5838.17	816.59	39227.01	1659.79	2359.67	196.7	175.13	88.58	164.38	31.57	751.1	204.55	25306.35	1254.68	1	217.56	1	4.98	21.86	5.74
1406	844.93	136.64	14875.45	6770.78	12816.81	1240.79	49318.29	2089.25	3225.38	275.96	231.52	127.22	114.02	37.01	943.51	237.19	48867.65	2282.64	1	311.49	1	8.86	33.04	7.27
1407	702.26	142.61	31412.79	9164.69	10312.71	1183.4	43959.3	1964.18	1031.25	215.16	146.55	122.28	68.71	39.51	525.14	218.62	77743.66	3578.21	1	400.98	1	5.14	24.43	6.97
1408	1	233.55	280554.63	19331.63	1	1079.59	47642.15	2391.75	1	329.75	1	142.81	1	73.44	282.01	263.5	220738.53	10865.93	753.63	726.72	31.88	22.77	1	9.11
1409	394.32	146.14	274367.56	18391.08	1	1036.17	56825.42	2613.26	562.82	217.09	1	218.63	1	92.36	435.69	252.57	182727.02	8595.39	1	1002.43	22.63	16.17	5.93	5.4
1410	381.38	132.41	78783.97	13360.67	12008.03	1393.33	55534.14	2437.41	2150.29	265.24	202.22	137.57	80.01	47.76	1342.47	295.09	93464.22	4319.96	1	439.29	11.11	8.68	22.05	6.94
1411	1519.72	152.55	23556.32	7552.3	14703.73	1326.98	52473.28	2172.44	2046.43	249.16	185.38	129.81	115.42	38.33	737.74	220.99	54594.81	2476.36	1	392.74	9.56	7.42	31.39	7.14
1412	857.37	117.05	1	6307.32	22314.57	1479.53	25698.06	1245.94	1292.15	180.09	167.09	96.98	176.38	31.88	807.73	211.35	24910.29	1252.36	1	323.24	1	4.12	31.23	6.66
1413	723.93	122.9	13475	6675.21	6040.27	932.25	60011.53	2401.14	2946.01	261.9	230.03	122.91	150.38	39.53	405.97	179.59	45001.6	2079.68	1	412.25	7.38	6.66	13.28	5.24
1414	455.54	117.87	8572.86	5457.77	8154.62	982.79	51345.95	2136.98	3182.79	260.4	340.79	120.33	133.29	35.95	687.97	211.28	38167.94	1835.92	1	388.17	1	9.4	17.76	5.71
1415	634.69	127.22	1	6989.47	5947.5	1060.63	70272.26	2772.76	2779.98	295.73	397.89	154	403.16	63.79	1451.75	291.29	80958.52	3613.93	1	483.55	1	5.68	18.15	6.11
1416	1107.53	132.97	9019.94	4717.57	3838.8	681.83	41714.68	1791.97	1644.62	186.38	124.25	94.13	132.42	29.52	627.15	203.68	33355.63	1662.39	1	263.5	1	4.18	8.84	4.77
1417	437.27	114.02	23864.53	11185.96	1639.92	734.53	7039.97	608.07	701.19	220.3	1	183.92	94.92	56.93	1908.73	304.49	199594.88	7857.81	1	530.9	1	9.13	6.23	5.04
1418	207.6	153.01	200753.16	17230.55	1	952.96	72815.23	3364.68	1	318.12	1	178.47	1	72.67	2107.02	404.63	159315.61	8141.38	1	638.64	18.7	12.84	1	4.67
1419	1492.99	154.12	7370.33	5339.58	13903.06	1177.12	97539.71	3688.14	1777.85	227.71	149.59	118.79	156.83	35.47	670.33	206.95	28903.83	1477.94	266.25	254.45	1	7.17	15.57	5.47
1420	1175.54	140.85	16870.1	6958.09	16595.24	1326.01	77246.09	2976.99	3093.11	275.18	189.4	128.48	155.03	38.19	521.84	195.62	46400.9	2167.03	1	291.92	1	7.53	34.64	7.3
1421	651.48	126.78	10996.1	7054.4	13529.82	1403.01	46835.18	2089.79	2564.39	276.47	323.19	141.76	130.15	45.99	1088.82	262.82	68511.9	3180.25	1	557.41	1	5.35	70.49	10.93
1422	689.47	133.68	21479.13	8673.34	4928.59	916.59	33055.98	1504.62	2263.6	232.19	234.46	116.6	57.76	40.55	1640.59	298.94	93911.53	4050.45	1	418.22	1	5.09	19.9	6.42
1423	274.85	101.05	5599.85	5267.06	2222.86	642.69	44369.15	1849.07	2265.21	208.55	159.11	98.16	142.53	34	639.69	205.03	45996.98	2121.88	1	409.58	1	4.43	5.62	4.16
1424	437.13	118.72	94094.25	11830.59	1088.27	690.36	69000.51	2820.78	1	161.31	157.74	83.2	120.88	39.34	577.46	209.89	58087.88	2734.69	1	471.67	1	10.31	1	6.37
1425	572.26	120.51	9448.9	6907.15	13809.11	1340.82	47502.44	2047.49	4326.18	327.8	311.67	141.34	159.9	44.15	1086.3	255.01	62553.57	2852.26	1	576.42	1	10.68	46.72	8.62
1426	799.79	128.5	46252.24	10057.72	2960.15	816.92	48926.82	2044.05	1905.64	234.15	184.06	122.11	108.57	41.69	1084.34	252.02	74001.02	3255.02	1	422.77	8.13	7.44	1	4.6
1427	744.55	136.18	14608.51	7759.33	24643.54	1823.34	63096.24	2722.91	1885.66	262.33	184.04	138.96	137.72	44.45	1072.04	264.91	58738.57	2831.39	1	485.73	1	10.43	31.54	7.72

Sample	Sr	Sr Error	Zr	Zr Error	Pd	Pd Error	Cd	Cd Error	Sn	Sn Error	Bi	Bi Error	Bal	Bal Error	Nb	Nb Error
1379	205.16	18.43	42.84	11.28	1	10.62	1	16.27	1	55.34	1	22.76	896207.44	4282.36	8.53	8.5
1380	553.49	38.48	55.76	14.77	1	7.85	1	16.26	77.2	50.34	1	13.16	850005.19	5880.28	13.06	8.92
1381	148.75	17.95	63.08	14.24	1	13.15	1	20.17	61.81	56.51	1	15.22	745851.13	10415.87	14.49	10.57
1382	140.65	18.83	1	11.69	1	10.63	1	19.87	104.53	64.61	1	22.17	450783.91	19021.73	1	9.68
1383	172.17	22.78	32.45	14.38	1	12.56	1	22.94	111.76	70.25	1	18.84	447953.75	19451.78	24.62	13
1384	111.67	11.91	1	6.46	1	5.59	1	10.87	1	31.3	1	16.83	877950.69	4519.34	1	8.46
1385	325.05	39.31	1	22.83	1	13.26	1	26.72	1	95.98	1	34.06	587619.06	19314.09	1	22.2
1386	443.47	35.21	103.59	17.84	1	8.62	1	17.82	1	81.05	1	23.36	892506.81	4886.59	15.88	9.94
1387	399.2	28.2	96.51	14.81	1	7.89	1	13.76	1	39.55	1	17.16	892558.69	4244.45	9.49	8.19
1388	486.15	35.37	73.7	15.38	1	11.04	1	15.82	1	68.26	1	11.23	793666.06	7734.26	1	11.27
1389	309.54	25.56	45.3	12.83	1	8.23	1	15.92	90.99	50.59	1	15.66	808385	7397.69	10.75	9.01
1390	353.68	30.87	32.1	13.73	1	12.45	1	20.22	1	95.69	1	19.35	735735.19	10479.73	1	11.4
1391	342.23	29.97	36.62	13.81	1	10.49	1	19.66	1	62.93	1	15.72	789889.13	9205.06	1	12.53
1392	427.5	30.31	52.9	13.11	1	8.7	1	15.19	65.39	48.48	1	11.13	707434.31	9544.29	1	9.11
1393	414.52	34.42	75.98	16.47	1	8.99	1	17.43	1	78.55	1	13.38	687032.31	11499.29	1	10.27
1394	296.31	24.49	44.42	12.55	1	10.21	1	15.89	1	53.01	1	18.97	888969.56	4722.32	12.39	9.03
1395	580.76	40.47	60.83	15.37	1	7.45	1	15.66	1	59.32	1	13.14	867661.19	5389.53	1	9.98
1396	553.62	36.13	61.19	14.08	1	8.74	1	14.63	57.17	43.75	1	13.42	872994.31	4880.43	1	7.6
1397	365.94	28.03	61.08	13.7	1	9.39	1	19.73	59.23	45.64	1	15.9	893436.19	4436.93	1	12.35
1398	374.04	28.43	98.14	15.61	1	10.57	1	16.67	60.17	48.02	1	12.41	882609.88	4813.51	15.74	9.04
1399	130.31	17.99	40.77	13.62	1	11.61	1	23.11	1	79.79	1	26.15	787143.81	9421.19	1	8.81
1400	535.91	39.32	48.2	14.95	1	9.46	1	16.92	1	78.82	1	15.02	777183.13	8319.38	1	10.28
1401	349.62	27.03	71.57	14.07	1	8.21	1	17.75	78.59	46.66	1	12.72	841924.44	6188.71	1	11.85
1402	429.4	32.28	31.36	12.93	1	12.7	1	15.42	86.86	49.53	1	13.27	764637.94	8629.12	1	10.18
1403	333.88	24.49	93.06	14.1	1	7.18	1	13.71	1	42.31	1	12.18	917543.19	3357.93	1	11.6
1404	486.74	34.18	108.74	16.58	1	9.52	1	15.22	49.24	45.94	1	22.24	869077.13	5234.16	13.21	8.77
1405	531.76	33.2	67.14	13.46	1	11.03	1	14.38	1	64.65	1	11.79	924932.63	2948.72	11.34	7.83
1406	496.45	34.3	100.11	16.02	1	8.47	1	16.08	1	65.62	1	19.32	867890.56	5211	22.52	9.17
1407	430	33.39	81.7	16.04	1	9.87	1	18.6	60.6	54.8	1	13.96	833114.75	6754.84	9.39	9.21
1408	55.05	12.11	1	15.87	1	12.66	1	21.1	111.56	66.24	1	31.25	448513.16	19441.17	13.24	11.98
1409	159.15	19.63	31.17	12.72	1	11.44	1	18.88	94.9	61.22	1	18.97	483648.34	17069.52	1	14.59
1410	452.57	35.66	71.96	16.11	1	10.41	1	18.46	1	69.46	1	16.58	755012.06	9436.96	18.07	9.98
1411	467.15	32.42	64.08	14	1	8.47	1	15.42	110.96	47.39	23.22	17.71	849055.56	5774.58	12.08	8.49
1412	602.11	37	62.17	13.8	1	11.1	1	14.53	1	55.37	1	18.44	922950.88	3070.59	10.99	7.9
1413	684.71	42.97	94.95	16.33	1	7.73	1	16.26	49.8	46.21	1	12.75	869969.88	4989.39	17.75	8.63
1414	545.37	36.08	90.35	15.47	1	8.83	1	15.46	1	63.99	1	16.47	888171.31	4418.49	10.46	8.3
1415	415.94	31.58	48.43	13.75	1	9.77	1	17.11	146.16	52.28	1	17.21	836364.38	6437.3	1	11.32
1416	532.3	35.66	55.62	13.96	1	8.23	1	14.63	1	60.3	1	21.96	907680.56	3789.58	1	10.41
1417	308.27	27.64	27.7	12.89	1	8.26	1	14.26	1	42.21	1	18.58	763889.69	8994.54	1	8.35
1418	269.88	29.84	23.26	14.53	1	12.13	1	21.47	1	95.26	1	33.4	557230.44	17117.34	1	16.98
1419	647.67	40.83	93.5	15.96	1	11.21	1	16.41	1	62.06	1	20.18	846846.31	5763.81	1	8.33
1420	622.09	40.11	66.7	14.89	1	8.9	1	15.49	1	73.11	1	18.84	836756.81	6127.68	8.91	8.2
1421	365.87	29.09	37.28	13	1	9.21	1	16.9	79.16	49.21	1	17.44	854616	5939.8	1	12.5
1422	392.12	30.61	21.36	12.39	1	10.25	1	16.82	96.02	52.17	1	19.03	841011.75	6282.17	1	12.21
1423	218.17	18.61	58	11.81	1	8.01	1	13.26	1	61.47	1	15.83	897910.44	4051.33	8.67	8.2
1424	383.02	29.11	1	14.26	1	11.05	1	16.7	102.13	49.76	1	12.79	774958.31	8256.75	1	7.3
1425	374.87	28.52	64.11	13.91	1	8.45	1	15.8	74.44	47.77	1	14.95	859374.38	5587.7	12.56	8.85
1426	332.11	26.05	50.52	12.86	1	7.66	1	16.44	49.66	47	1	25.61	822872	6708.34	9.75	8.65
1427	637.39	44.65	54.93	15.86	1	9.42	1	16.84	1	78.39	1	16.99	832948.63	6760.4	10.02	9.08

Sample	UTM	Easting	Northing	Duration	Units	Au	Au Error	Ag	Ag Error	Cu	Cu Error	Pb	Pb Error	Zn	Zn Error	Ni	Ni Error	As	As Error	Sb	Sb Error	Mo	Mo Error	W	W Error
1428	9 V	678429	6271295	60	ppm	1	21.03	1	11.03	565.89	91.06	1	13.76	45.14	26.63	1	105.09	1	13.47	1	30.31	11.85	10.92	1	114.23
1429	9 V	678427	6271293	60	ppm	1	21.34	1	13.2	1032.52	126.07	1	14.44	87.46	33.35	77.33	75.79	1	9.03	1	32.46	1	10.51	1	113.11
1430	9 V	678433	6271297	60	ppm	1	12.37	1	11.24	1	57.79	18.97	14.3	110.75	30.61	78.98	66.42	1	9.4	1	30.23	1	9	1	94.44
1431	9 V	678433	6271299	60	ppm	1	26.39	1	9.49	56.5	41.86	14.02	13.41	40.26	21.98	1	57.16	1	7.77	1	29.96	13.49	10.39	1	98.3
1432	9 V	678420	6271300	60	ppm	1	26.63	1	13.49	1	49	1	11.88	85.07	33.05	101.66	82.64	1	14.38	1	36.98	1	16.86	1	133.55
1433	9 V	678329	6271319	60	ppm	1	20.45	1	10.63	1	35.68	1	19.96	24.35	20.63	1	58.1	1	10.98	1	38.7	13.05	10.22	1	99.31
1434	9 V	678337	6271310	60	ppm	1	14.18	1	15.67	1	34.1	1	20.02	24.63	19.91	1	67.63	18.05	10.27	1	35.68	19.85	10.35	1	97.62
1435	9 V	678338	6271293	60	ppm	1	14.16	1	12.87	1	75.79	20.46	15.68	34.76	22.48	1	59.49	1	9.47	1	44.03	1	16.1	1	96.03
1436	9 V	678209	6271533	60	ppm	1	15.41	1	9.11	1	38.61	16.24	14.84	51.34	24.81	1	74.4	1	9	1	27.55	11.02	10.89	1	100.15
1437	9 V	677983	6271716	60	ppm	1	12.57	1	9.67	49.9	42.53	1	18.56	42.67	23.94	65.96	64.92	1	12.35	1	27.9	1	12.83	1	125.13
1438	9 V	677967	6271726	60	ppm	1	10.74	1	9.12	1	34.59	1	18.27	1	12.99	1	60.86	1	9.23	1	26.45	32.59	9.88	1	83.85
1439	9 V	677968	6271728	60	ppm	1	21.33	1	17.55	1	68.11	42.54	23.5	1	25.04	1	91.17	19.72	17.72	1	48.72	720.77	57.7	1	186.08
1440	9 V	677967	6271729	60	ppm	1	42.74	1	25.13	1	71.93	53.58	28.01	1	50.01	1	110.67	1	25.77	1	45.54	6393.38	470.3	1	188.91
1441	9 V	677961	6271728	60	ppm	1	25.76	1	16.02	1	58.98	1	15.58	1	16.88	1	79.88	1	13.53	1	39.26	1351.26	81.05	1	145.8
1442	9 V	677963	6271727	60	ppm	1	12.43	1	10.18	1	57.26	1	17.19	37.87	20.96	1	78.99	1	7.66	1	33.17	13.11	9.56	1	89.03
1443	9 V	677441	6272029	60	ppm	1	14.92	1	16.75	1	52.87	13.23	12.53	1	12.52	1	51.94	1	11.58	1	27.21	1	14.21	1	85.75
1444	9 V	677433	6272034	60	ppm	1	15.05	1	12.27	1	74.09	20.19	15.73	100.36	33.6	1	68.91	11.69	11.65	1	31.63	1	13.53	1	144.48
1445	9 V	677419	6272048	60	ppm	1	20.05	1	14.41	82.54	48.91	1	11.22	91.31	31	1	62.99	10.91	8.91	1	39.92	1	13.27	1	115.77
1446	9 V	677420	6272062	60	ppm	1	28.13	1	13.31	126.29	65.75	1	16.65	74.9	33.74	1	80.85	20.71	12.69	1	37.51	1	17.6	1	141.37
1447	9 V	677423	6272047	60	ppm	1	29.21	1	13.53	2325.99	245.36	1	34.74	87.25	44.3	1	104.9	16.02	15.82	1	37.82	23.51	14.62	1	161.53
1448	9 V	677428	6272031	60	ppm	1	22.42	1	17.97	1	97.13	1	14.07	75.69	35.38	1	129.15	1	14.84	1	36.09	1	16.1	1	146.27
1449	9 V	677423	6272059	60	ppm	1	14.94	1	13.15	160.03	68.69	1	15.44	118.94	39.76	1	143.15	11.63	10.81	1	37.43	19.99	12.88	1	144.14
1450	9 V	677212	6272223	60	ppm	1	18.12	1	11.44	1	70.14	1	13.98	47.79	26.7	162.58	87.89	1	13.12	1	38.56	1	10.67	1	115.2
1451	9 V	677192	6272245	60	ppm	1	49.1	1	20.03	2574.48	352.52	1	40.86	85.09	62.5	1	177.91	1	20.06	1	63.2	1	26.81	1	261.16
1452	9 V	677196	6272249	60	ppm	1	32.19	21.81	20.12	4027.69	423.18	1	41.95	69.63	56.57	1	124.15	21.39	20.31	1	46.81	28.98	17.66	1	207.49
1453	9 V	677195	6272254	60	ppm	1	13.66	1	12.63	160.29	63.81	1	21.86	128.4	38.7	1	94.47	1	10.11	1	35.79	1	16.31	1	136.54
1455	9 V	670193	6273787	60	ppm	1	14.64	1	11.06	1	61.99	1	10.35	56.59	26.17	1	113.71	9.35	7.96	1	31.74	1	10.43	1	120.01
1456	9 V	670187	6273803	60	ppm	1	21.38	1	12.69	1	59.85	1	12.08	21.21	21.02	1	113.45	1	13.63	1	44.6	14.68	10.75	1	112.03
1457	9 V	670234	6273675	60	ppm	1	13.81	1	12.07	56.9	47.4	1	13.41	23.01	21.59	1	96.52	1	11.11	1	39.5	1	9.96	1	108.31
1458	9 V	670235	6273667	60	ppm	1	27.08	1	17.76	23082.95	1393.08	1	22.8	1	97.02	154.96	94.82	1	14.45	1	38.36	1	10.81	1	133.71
1459	9 V	670240	6273650	60	ppm	1	20.4	1	17.74	71.12	55.53	1	11.45	81.35	32.75	120.9	89.63	1	14.07	1	35.89	20.26	12.25	1	128.67
1460	9 V	670257	6273584	60	ppm	1	15.65	1	10.4	129.75	57.35	1	15.08	28.79	23.19	1	88.88	1	14.36	1	30.42	1	13.5	1	111.09
1461	9 V	670283	6273575	60	ppm	33.67	30.87	1	21.29	958.6	152.97	1	28.11	47.76	35.19	133.9	112.27	1	18.51	1	42.94	1	12.73	1	167.31
1462	9 V	670323	6273542	60	ppm	1	16.91	1	12.76	1	46.32	1	19.58	46.87	27.25	156.42	92.82	1	14.05	1	36.03	1	11.58	1	119.71
1463	9 V	670349	6273507	60	ppm	1	14.57	1	11.85	1	53.32	1	12.74	57.17	30.24	159.84	93.91	11.31	10.09	1	37.17	1	11.44	1	131.3
1464	9 V	670349	6273503	60	ppm	1	12.13	1	15.48	1	78.73	1	18.97	69.94	31.61	1	121.43	11.37	10.86	1	38.47	1	17.11	1	120.85
1465	9 V	670372	6273473	60	ppm	1	17.71	1	17.41	1	71.48	1	15.79	113.64	39.94	190.93	103.43	1	14.3	1	39.67	1	20.83	1	139.93
1466	9 V	670484	6273335	60	ppm	1	12.2	1	9.82	1	34.02	1	16.29	1	28.23	1	69.84	1	6.84	1	27.44	1	11.64	1	86.22
1467	9 V	670493	6273329	60	ppm	1	16.46	1	10.58	1	34.51	1	20.45	32.83	19.68	1	65.57	1	7.74	1	40.3	1	12.47	1	85.13
1468	9 V	670548	6273257	60	ppm	1	25.13	1	15.27	1	33.74	1	15.59	20.99	17.67	1	56.93	1	10.82	1	43.95	1	11.18	1	91.62
1469	9 V	670600	6273176	60	ppm	1	17.85	1	13.99	1	67.07	1	17.57	63.11	29.44	90.21	82.64	1	14	1	52.8	1	16.88	1	122.96
1470	9 V	670628	6273105	60	ppm	1	19.14	1	14.08	1	47.73	1	16.8	1	19.92	1	77.53	1	8.25	1	39.77	1	14.09	1	96.56
1471	9 V	670743	6272996	60	ppm	1	13.17	1	10.95	617.44	94.78	1	14.65	83.2	31.72	1	88.97	1	12.79	1	30.72	18.51	11.06	1	121.51
1472	9 V	670745	6272995	60	ppm	1	16.53	1	11.73	164.94	62.34	1	16.24	61.85	28.55	1	102.75	11.48	10.25	1	41.1	1	10.33	1	112.21
1473	9 V	670629	6272775	60	ppm	1	16.16	1	12.57	63.74	55.18	1	11.77	54.32	28.53	210.2	95.11	16.64	10.34	1	35.72	1	12.79	1	121.73
1474	9 V	670626	6272783	60	ppm	1	21.34	1	11.08	1	45.21	1	9.37	38.05	23.51	157.93	80.16	10.59	7.81	1	33.75	1	11.5	1	113.49
1475	9 V	670629	6272785	60	ppm	1	25.54	1	19.27	141.79	81.28	1	12.19	147.36	50.39	1	150.83	14.11	10.59	1	54.68	1	20.87	1	183.29
1477	9 V	670616	6273975	60	ppm	1	15.62	1	9.08	1	53.51	1	15.76	1	35.43	1	92.01	13.1	10.23	1	28.03	1	17.03	1	108.88
1478	9 V	670616	6273976	60	ppm	1	27.62	1	14.47	74.79	59.86	1	14.15	1	40.03	1	144.01	13.85	11.06	1	40.84	1	19.57	1	137.83

Sample	Ba	Ba Error	S	S Error	K	K Error	Ca	Ca Error	Ti	Ti Error	V	V Error	Cr	Cr Error	Mn	Mn Error	Fe	Fe Error	Co	Co Error	Se	Se Error	Rb	Rb Error
1428	2201.73	181.28	1	5066.32	9001.65	957.91	51412.09	2168.59	2055.38	245.59	220.03	128.15	168.39	36.26	3571.37	432.36	25508.24	1343.82	1	279.48	1	4.51	12.73	5.23
1429	1083.57	138.64	9497.41	6595.02	10662.05	1227.54	48427.12	2069.83	2471.09	443.61	354.15	249.35	184.64	55.66	2177.97	337.86	62260.85	2805.34	1	349.55	1	4.57	43.95	8.52
1430	924.8	123.07	1	8905.39	9484.99	1042.8	38715.47	1608.14	2459.03	244.47	241.49	123.24	151.55	38.8	953.23	219.85	52031.51	2217.65	1	294.7	1	7.8	33.38	6.8
1431	1078.3	125.29	7535.31	5163.7	5199.7	737.2	10964.23	625.02	1749.84	179.71	140.9	90.09	170.25	34.17	2710.39	334.1	55302.11	2259.23	1	295.41	1	4.07	33.55	6.96
1432	1169.63	158.71	1	9451.64	22877.98	1778.58	39465.89	1875.21	3748.38	337.13	205.65	155.49	136.36	45.87	1472.17	298.82	59941.5	2853.28	1	359.65	1	5.99	72.96	11.16
1433	815.77	118.7	1	3695.44	21370.41	1327.92	28868.72	1323.4	1010.76	145.87	121.44	78.5	123.25	25.02	515.72	181.13	15230.71	857.58	1	173.63	1	4.14	31.11	7.01
1434	1020.88	116.92	1	5781.27	5995.73	819.28	52429.58	2063	1860.67	170.9	121.1	79.5	162.06	30.73	1430.04	255.73	26496.02	1276.05	1	219.71	1	6.66	20.47	5.51
1435	656.32	118.87	1	3878.74	19059.34	1415.92	1807.06	473.54	2122.22	189.68	255.95	89.69	159.37	31.65	1248.57	271.03	25782.91	1373.01	1	238.52	1	8.09	48.84	8.62
1436	1387.52	136.98	1	5190.07	15550.55	1130.91	18408.99	939.67	1863.63	166.29	90.4	75.78	134.7	25.65	1181.62	255.47	26474.72	1351.34	1	324.89	1	7.02	47.54	8.45
1437	841.84	116.13	1	3864.94	15697.45	1200.32	25068.91	1162.05	2464.93	207.76	99.09	94.53	132.86	28.34	1209.09	241.31	34277.55	1573.43	1	246.22	1	3.73	36.21	7.19
1438	1	129.32	1	4382.23	397.69	316.92	1	200.7	1	96.69	1	59.38	200.07	28.64	1	138.5	25061.64	1162.27	1	193.09	1	6.13	1	2.11
1439	1	259.73	177483.27	15943.63	1939.49	666.79	1	376.67	136.08	124.15	1	76.74	56.75	39.22	1	277.28	136067.03	6307.22	1	547.04	16.29	11.02	9.6	5.67
1440	281.76	158.8	301584.41	18861.66	1188.64	729.81	1	348.61	1	180.57	1	98.04	102.33	57.22	1	311.24	160944.52	7820.08	1	631.98	1	13.01	1	9.34
1441	382.07	110.61	45836.76	11063.84	23581.52	1796.06	1	644.68	663.05	202.37	153.92	120.38	118.38	43.38	1	149.27	88507.23	3659.55	1	384.03	1	7.73	22.39	6.25
1442	1016.31	118.18	1	3305.12	20570.88	1301.86	4695.6	487.25	387.24	109.31	161.59	65.97	145.36	24.4	1264.76	245.97	11673.81	695.53	1	153.19	1	5.92	45.64	7.33
1443	133.67	89.59	1	3865.63	26828.11	1507.18	3670.32	486.64	297.66	75.86	72.06	44.92	114.95	21.12	192.38	125.22	11592.71	673.98	1	139.14	1	3.67	112	11.21
1444	656.23	122.34	12342.54	6927.95	7692.34	1068.33	47245.34	2032.38	5248.95	374.71	428.67	158.51	158.67	45.16	962.4	245.61	52614.12	2446.71	1	326.23	1	6.78	15.33	5.68
1445	639.02	115.56	11457.98	6828.84	4403.63	886.59	59366.2	2340.8	4695.4	343.97	331.53	148.54	152.23	43.28	771	218.62	58361.84	2579.57	1	492.46	1	3.21	1	3.74
1446	226.56	128.73	27121.82	8622.56	1	863	76781.8	3274.61	3172.41	290.44	229.72	131	104.66	43.01	1041.43	276.72	64140.37	3260.26	1	624.01	1	13.29	1	5.9
1447	364.39	138.67	168558.91	16982.73	3496.59	988.76	62833.23	2759.37	3657.16	350.21	246.49	162.65	100.81	59.25	942.37	287.52	166753.92	7868.52	1	934.88	43.78	31.27	8.81	6.28
1448	470.95	131.34	1	7388.99	18710.21	1540.26	35059.29	1888	1371.85	183.18	169.84	95.23	105.49	35.05	507.5	237.48	34508	2053.93	1	323.98	1	8.24	62.68	11.52
1449	1192.48	162.37	25377.8	8059.94	9102.81	1217.31	66487.16	2919.06	4556.89	382.7	216.75	166.67	177.8	47.64	902.11	269.76	53257.61	2746.32	391.84	376.17	1	5.78	8.25	5.36
1450	644.39	128.54	1	5521.09	16319.32	1454.69	97280.01	3865.39	2555.79	257.85	183.55	122.43	670.72	71.34	2176.61	364.62	60312.63	2982.23	1	366.08	1	5.63	47.04	9.15
1451	1	303.74	92944.67	15342.94	1	906.47	71628.38	3989.86	2555.46	322.95	175.57	154.43	131.45	63.05	1797.64	478.82	124051.63	7957.49	1	728.25	1	20.86	1	6.09
1452	206.55	158.67	82441.44	15761.93	1	993.31	82464.51	4028.46	4119.67	429.64	401.41	200.71	169.22	74.73	1303.54	380.84	141064.94	7974.03	1	995.13	25.06	17.9	1	5.78
1453	1127.22	152.85	23016.79	8340.02	21170.75	1876.97	23773.17	1379.35	3715.85	399.36	348.88	203.31	197.89	58.7	1212.25	275.63	69789.3	3214.84	1	383.25	1	6.37	32.92	7.73
1455	131.02	107.91	1	9144.59	1	1258.63	206995.92	6623.91	1410.75	202.42	259.9	113.31	133.55	47.35	1782	301.85	54333.1	2567.1	1	541.57	7.83	6.76	1	2.44
1456	515.3	120	1	10392.84	1528.17	910.88	173726.77	5877.46	1008.16	231.14	235.97	135.88	408.86	62.28	1121.36	255.36	46070.91	2236	1	381.51	1	6.26	1	4.8
1457	167.05	114.07	1	8004.94	1	1091.53	202911.11	6575.8	951.09	183.26	186.02	108.11	58.54	48.14	1687.9	299	62793.46	2953.49	1	350.76	1	3.91	4.1	3.85
1458	252.71	131.39	36060.84	10399.43	1221.76	825.38	58779.14	2442.97	2183.85	298.57	557.65	173.83	1	89.77	638.62	233.45	122887.72	5249.2	1	471.71	1	9.03	1	5.63
1459	289.05	121.28	1	6758.48	1602.7	860.04	69195.3	2750.78	4652.59	391.92	517.19	185.87	366.1	68.48	3054.48	403.04	99800.2	4445.32	1	587.82	1	5.68	1	4.84
1460	220.55	104.58	1	10845.51	1	1403.29	179988.69	5989.2	2817.49	282.42	383.1	141.17	319.98	61.19	2541.33	370.51	75585.98	3543.79	1	622.83	1	6.83	1	3.21
1461	174.67	143.12	38619.2	10668.39	1	816.46	87973.9	3934.22	978.28	187.36	180.56	108.89	249.74	56.82	1161.79	322.95	82342.03	4419.98	1	793.3	1	10.55	1	6.67
1462	1	163.09	1	9987.89	1	799.14	112019.83	4475.2	2047.81	233.71	402.69	125.03	222.03	49.55	1450.56	320.84	57635.06	2989.37	1	375.95	1	8.53	1	6.02
1463	221.58	127.22	1	7491.71	1	1033.52	87145.67	3337.18	8026.59	537.05	678.74	215.47	584.78	84.42	2775.09	396.6	107802.44	4906.96	1	469.05	1	8.94	1	4.61
1464	250.3	122.38	1	5191.89	3784.01	960.9	69421.69	2880.64	5864.64	442.27	458.06	188.32	218.37	57.03	1070.54	272.96	73227.66	3488.2	1	402.08	1	5.01	11.78	5.35
1465	174.35	134.08	1	6486.61	2744.36	891.32	56227.05	2460.32	3166.26	319.71	453.3	162.52	308.36	63.16	4107.13	499.61	101898.89	4833.36	1	480.72	1	7.58	1	5.9
1466	683.34	105.09	1	2502.23	19200.64	1216.63	10116.15	624.64	847.06	118.29	80.21	62.63	146.8	23.95	304.46	147.66	17712.6	923.82	1	183.57	1	5.49	43.22	7.1
1467	1156.29	123.15	1	3361.91	12839.71	1057.38	21662.12	1035.87	1183.25	161.66	1	133.23	154.2	29.87	1314.85	252.66	28777.94	1371.48	1	235.83	1	3.15	54.09	8.32
1468	1214.15	125.95	1	2979	16961.98	1188.7	6452.55	528.62	1159.87	176.16	1	150.19	150.73	28.64	4152.04	432.37	25603.42	1239.88	1	219.2	1	3.85	59.94	8.6
1469	274.72	119.02	1	6401.6	1	1112.63	172938.95	6096.88	1396.87	195.39	105.46	101.03	394.1	60.71	1612.84	319.57	63586.12	3160.76	1	436.87	1	7.56	1	3.73
1470	127.58	89.9	1	2650.63	618.67	352.26	2376.73	239.7	405.92	98.72	130.95	60.57	230.28	32.83	4029.05	423.73	24986.44	1211.74	1	213.74	1	5.9	1	2.76
1471	351.02	109.57	1	6034.9	2576.1	725.41	34338.51	1517.78	1575.58	207.89	402.64	120.06	187.42	45.42	1948.99	308.74	61716.09	2676.47	1	497.11	1	4.81	8.32	4.75
1472	390.96	117.12	1	5755.83	2685.91	795.44	58530.63	2413.17	2837.23	259.32	380.89	127.14	241.44	48.66	1221.46	271.95	63166.38	2916.42	1	361.16	1	8.74	1	4.48
1473	1	117.86	1	8145.17	1	872.56	135327.45	5083.35	625.87	153.73	109.99	90.24	706.76	72.48	1033.37	273.07	54237.98	2743.11	1	507.86	1	9.09	1	3.1
1474	211.34	109.83	1	7560.18	1	1210.41	158345.27	5449.76	606.3	148.21	87.77	86.19	673.28	70.43	1051.42	252.77	41211.56	2018.88	1	468.17	1	4.65	1	2.44
1475	143.65	140.13	1	9257.61	1	1218.63	75503.26	3318.68	5444.75	426.75	485.28	176.17	268.46	63.13	1972.64	394.28	118186.92	6071.63	1	750.15	1	14.34	1	4.49
1477	480.92	106.41	67532.54	11176.48	2565.13	695.24	10755.22	679.98	373.25	137.47	101.79	86.22	107.72	41.81	308	183.71	108648.86	4420.62	1	421.9	1	9.29	23.69	6.66
1478	2148.33	222.76	137773.97	16522.84	6360.57	1176.75	14361.98	964.99	351.05	197.73	1	176.12	88.59	57.04	1	342.25	188260.75	8031.27	1078.67	588.09	11.05	9.28	21.46	7.27

Sample	Sr	Sr Error	Zr	Zr Error	Pd	Pd Error	Cd	Cd Error	Sn	Sn Error	Bi	Bi Error	Bal	Bal Error	Nb	Nb Error
1428	587.64	38.4	98.24	16.13	1	10.98	1	14.98	1	63.27	1	13.54	904539.56	3904.5	1	8.89
1429	757.32	49.3	55.16	15.95	1	8.28	1	15.89	1	69.76	1	16.88	860827.44	5508.34	1	13.37
1430	549.81	34.6	61.4	13.52	1	14.98	1	14.61	1	67.34	1	15.21	894176.25	3974.88	8.33	7.77
1431	1076.54	59.74	108.94	17.89	1	7.72	1	14.36	1	62.4	1	13.58	913793.44	3237.17	12.18	7.93
1432	411.13	31.74	56.86	14.38	1	10.06	1	17.91	1	84.84	1	16.74	870243.5	5418.82	11.19	9.17
1433	1942.4	100.03	62.64	19.79	1	10	1	15.23	66.35	44.08	1	16.38	929790.56	2822.56	12.74	7.93
1434	568.57	34.29	121	15.61	1	8.18	1	13.73	1	64.26	1	13.59	909700.88	3415.15	10.47	7.62
1435	576.78	38.37	96.56	16.25	1	8.42	1	14.81	1	55.06	1	15.12	948118	2293.31	12.88	8.64
1436	1299.57	73.45	131.22	20.53	1	6.5	1	13.82	1	37.82	1	17.4	933335.94	2798.88	14.94	8.48
1437	1321.75	71.37	132.65	19.75	1	7.69	1	13.48	1	50.19	1	12.98	918544.25	3173.35	14.89	8.07
1438	1	4.16	1	4.9	1	7	1	13.14	1	35.94	1	16.74	974307.94	1010.58	1	10.35
1439	1	8.32	1	7.39	1	13.63	1	24.23	1	66.29	1	15.67	683494.19	12007.55	14.19	11.06
1440	16.68	7.85	1	14.51	1	19.66	1	22.73	1	90.53	1	20.43	529404.44	16606.53	30.23	15.3
1441	60.05	9.32	1	9.96	1	12	1	15.64	77.5	45.93	1	13.72	839226.69	6030.88	19.18	9.52
1442	299.71	20.82	20.9	9.51	1	8.64	1	13.62	1	62.14	1	15.45	959657.31	1658.84	9.99	7.44
1443	82.2	9.17	17.95	7.33	1	7.33	1	13.21	1	45.02	20.44	17.43	956852.31	1716.73	1	8.51
1444	616.22	41.22	116.71	17.7	1	8.75	1	15.21	1	72.84	1	15.49	871757.25	5120.87	12.97	8.77
1445	620.36	40.1	92.29	16.03	1	9.51	1	14.16	1	67.37	1	20.46	858910.31	5350.63	13.49	8.48
1446	566.81	43.45	75.17	17.5	1	10.61	1	18.4	1	79.1	1	25.15	826304.75	7372.94	12.52	9.9
1447	749.49	59.95	100.13	21.77	1	12.38	1	17.76	1	90.31	1	28.64	589675.19	15140.77	15.9	11.02
1448	315.49	29.05	45.65	14.57	1	10.14	1	17.37	1	68.71	1	28.76	908597.25	4510.04	1	10.22
1449	600.2	44.49	90.09	18.11	1	9.41	1	17.38	1	58.26	1	16.69	837307.38	6920.14	20.31	10.18
1450	258.14	23.2	46.39	12.85	1	9.23	1	16.77	1	75.8	1	19.49	819295.06	7321.8	1	12.54
1451	909.83	92.12	58.46	27.86	1	13.98	1	27.27	1	102.5	1	48	703069.56	15920.56	17.83	15.28
1452	1363.19	117.68	30.05	26.92	1	12.47	1	22.72	140.88	71.85	1	40.15	682085.81	15165.92	14.24	13.21
1453	396.22	30.91	50.51	13.95	1	9.51	1	17.08	1	51.54	1	18.81	854866.56	5938.37	13.02	9.27
1455	90.23	11.04	19.21	8.52	1	8.8	1	15.22	62.11	46.87	1	10.03	734708.38	8977.29	1	10.87
1456	251.36	20.7	11.4	9.76	1	10.28	1	15.57	57.76	47.94	1	12.21	775019.31	7932.58	8.79	8.26
1457	123.12	13.44	1	11.8	1	10.03	1	17.24	65.63	49.32	1	10.79	730972	9276.91	1	7.16
1458	499.69	40.54	1	18.48	1	14.65	1	17.53	1	86.51	1	22.64	753680.13	9873.95	1	8.36
1459	121.05	14.52	11.21	9.41	1	9.4	1	17.02	143.39	53.93	1	17.72	819953.06	7199.65	1	11.92
1460	109.09	13.01	21.86	9.44	1	7.62	1	15.25	45.29	43.99	1	10.63	737808.06	9417.22	1	8.83
1461	595.43	50.11	17.63	16.56	1	11.24	1	21.88	72.84	62.08	1	16.91	786446.44	9596.39	13.51	11.12
1462	27.42	7.42	1	11.49	1	9.1	1	17.85	1	53.22	1	11.83	825991.31	7276.97	1	8.17
1463	36.92	8.28	34.83	10.3	1	13.42	1	18.19	72.19	54.34	1	13.68	792392.81	8329.31	1	8.8
1464	122.68	14.72	30.68	10.76	1	9.64	1	17.33	58.66	51.81	1	12.07	845399.56	6424.63	1	11.94
1465	95.2	13.77	39.41	11.95	1	9.93	1	21.29	1	76.78	1	23.33	830481.19	7346.27	1	16.16
1466	386.88	24.87	83.61	12.71	1	7.22	1	13.88	1	56.93	1	12.65	950395.06	1974.66	1	11.3
1467	621.6	37.47	144.35	17.14	1	9.84	1	13.58	55.99	40.59	1	20.18	931992.94	2689.48	9.86	7.74
1468	381.11	25.46	94.71	13.64	1	7.17	1	13.38	1	59.76	1	17.17	943748.56	2247.69	1	9.27
1469	176.27	17.91	10.45	9.81	1	9.22	1	17.19	66.29	50.44	1	11.76	759284.56	9076.2	1	10.92
1470	13.72	4.74	10.44	6.54	1	8.21	1	13.19	40.92	39	1	10.2	967014.94	1343.93	14.46	7.82
1471	515.84	35.04	22.27	12.49	1	9.6	1	15.53	85.62	46.22	1	20.06	895537.94	4113.2	14.56	8.66
1472	529.61	37.74	36.99	13.96	1	9.99	1	16	101.28	49.5	1	13.84	869626.56	5286.34	12.39	9.02
1473	17.79	6.12	13.48	8.13	1	9.32	1	17.62	1	80.03	1	14.64	807582.5	7572.37	1	10.9
1474	30.55	6.69	12.78	7.46	1	12.86	1	15.57	83.66	47.79	1	10.43	797467.5	7220.07	12.02	8.36
1475	75.49	13.45	22.91	11.64	1	10.77	1	19.9	1	96.2	1	29.84	797593.38	9375.25	1	16.34
1477	652.52	44.39	101.71	17.65	1	7.12	1	13.5	1	38.37	1	12.67	808335.56	7053.1	1	7.67
1478	430.96	36.56	21.1	14.07	1	10.42	1	20.57	91.56	61.17	1	14.7	648911.38	12776.45	1	9.8

Sample	UTM	Easting	Northing	Duration	Units	Au	Au Error	Ag	Ag Error	Cu	Cu Error	Pb	Pb Error	Zn	Zn Error	Ni	Ni Error	As	As Error	Sb	Sb Error	Mo	Mo Error	W	W Error
1479	9 V	670682	6273949	60	ppm	1	41.64	1	23.39	1	154.81	1	35.37	1	46.29	247.52	161.21	28.9	21.18	1	68.2	22.77	18.11	1	227.29
1480	9 V	670721	6273929	60	ppm	1	31.42	1	20.24	269.94	134.04	1	31.95	53.74	49.05	1	239.16	27.57	22.69	1	58.22	1	29.97	1	241.8
1481	9 V	670858	6273861	60	ppm	1	36.14	1	32.01	693.21	181.69	1	22.7	1	67.81	1	215.61	49.7	24.08	1	72.97	1	19.83	1	293.96
1482	9 V	670855	6273865	60	ppm	1	41.93	1	29.08	2542.89	364.36	1	36.21	1	67.89	189.97	182.95	27.41	23.13	1	59.42	1	26.4	1	360.09
1483	9 V	670854	6273871	60	ppm	1	50.97	1	19.03	2590.39	319.36	1	39.21	104.49	57.39	222.02	147.36	1	18	1	69.18	1	27.31	1	213.93
1484	9 V	667650	6269269	60	ppm	1	19.35	1	11.5	1	53.92	1	7.27	18.42	16.52	1	54.25	7.39	5.71	1	25.53	1	11.68	1	85.08
1485	9 V	667618	6269286	60	ppm	1	15.65	1	12.65	223.69	70.89	1	13.81	59.37	30.52	83.18	82.41	1	9.5	1	35.79	13.38	12.01	1	132.69
1486	9 V	667601	6269282	60	ppm	1	15.17	1	11.59	68.31	48.96	1	10.55	30.34	22.36	1	107.86	1	10.43	1	31.49	1	10.9	1	104.4
1487	9 V	667575	6269288	60	ppm	1	24.21	1	12.02	400.55	91.03	1	25.89	78.42	33.35	1	108.04	1	11	1	36.25	1	11.15	1	125.2
1488	9 V	667721	6269280	60	ppm	1	11.97	1	12.59	79.19	46.24	1	11.36	23.37	20.68	1	96.6	1	11.6	1	28.06	1	12.99	1	108.76
1489	9 V	675361	6272283	60	ppm	1	15.73	1	12.52	379.6	87.26	1	13.66	90.58	35.79	1	115.01	17.2	11.16	1	35.58	1	19.4	1	135.48
1490	9 V	675357	6272291	60	ppm	1	32.46	1	13.86	1	91.19	1	18.16	116.83	41.34	107.53	100.48	1	19.49	1	38.33	1	19.39	1	154.97
1491	9 V	675382	6272297	60	ppm	1	16.74	1	11.34	104.86	57.66	1	9.03	121.21	36.29	1	82.17	10.43	7.74	1	40.84	1	10.62	1	113.42
1492	9 V	675387	6272293	60	ppm	1	15.24	1	11.36	1	68.55	1	12.82	113.72	34.46	1	104.38	1	14.11	1	32.51	1	10.12	1	114.22
1493	9 V	676466	6271088	60	ppm	1	28.53	1	12.22	69759.91	3782.2	1	19.44	1	106.85	130.05	95.95	1	18.66	1	35.32	1	13.89	1	137.92
1494	9 V	676445	6271077	60	ppm	1	19.37	1	23.79	271.63	88.3	1	16.98	36.18	31.17	1	96.13	1	16.89	1	63.22	1	15.79	1	146.89
1495	9 V	676442	6271069	60	ppm	1	18.55	1	15.17	47372.07	2541.02	1	15.01	1	85.91	1	77.77	1	16.85	1	39.5	53.63	14.86	1	142.42
1496	9 V	676468	6271082	60	ppm	1	26.2	26.27	17.78	34646.22	2144.06	1	29.12	107.43	91.25	1	113.76	1	16.92	1	40.86	200.94	25.53	1	144.86
1498	9 V	676862	6272482	60	ppm	1	21.95	1	11.98	116.03	62.64	1	24	76.55	32.39	128.89	90.5	1	12.75	1	39.37	1	17.12	1	124.51
1499	9 V	676858	6272485	60	ppm	1	15.43	1	13.1	16851.82	948.33	1	19.67	145.45	62.28	159.55	85.92	1	15.48	1	42.53	1	10.51	1	110.38
1500	9 V	676857	6272486	60	ppm	1	21.33	1	12.42	216	70.66	21.27	16.77	72.53	31.45	95.95	87.66	1	10.41	1	34.71	1	10.76	1	121.69
1501	9 V	676857	6272491	60	ppm	1	21.01	1	12.04	107.94	60.43	1	12.35	84.87	33.63	121.96	88.19	1	14.57	1	35.17	1	10.88	1	130.56
1502	9 V	677152	6272225	60	ppm	1	17.67	1	14.81	137.62	64.25	1	12.21	66.9	32.37	1	122.44	1	10.81	1	42.38	1	11.38	1	151.59
1503	9 V	677151	6272222	60	ppm	1	40.45	1	14.67	505.54	105.89	20.38	18.04	102.54	39.79	1	148.8	1	13.41	1	47.71	1	11.68	1	154.17
1504	9 V	677146	6272220	60	ppm	1	12.95	1	11.43	168.98	64.63	1	13.58	113.01	36.02	157.58	89.99	15.01	10.33	1	34.03	1	10.51	1	116.98
1505	9 V	677145	6272225	60	ppm	1	19.94	1	12.81	164.03	73.48	19.03	18.02	43.51	32.15	1	143.8	1	15.86	1	58.37	1	12.06	1	201.45
1506	9 V	677145	6272224	60	ppm	1	20.42	1	9.91	293.47	74.56	1	16.62	88.95	32.23	136.21	81.78	1	12.07	1	31.98	1	11.08	1	115.96
1507	9 V	677141	6272221	60	ppm	1	18.64	1	14.64	261.39	75.49	1	13.05	175.77	43.94	184.86	93.94	11.98	10.16	1	34.88	1	11.72	1	128.13
1508	9 V	678570	6271060	60	ppm	1	14.53	1	13.91	1	61.84	1	23.24	41.3	24.7	1	89.39	1	12.88	1	30.11	1	14.3	1	107.8
1509	9 V	678570	6271060	60	ppm	1	17.8	1	12.96	233.29	74.68	1	19.91	139.93	41.45	1	92.04	1	16.95	1	38.24	18.39	12.74	1	133.85
1510	9 V	678569	6271058	60	ppm	1	28.93	1	22.15	1	76.2	1	17.45	124.52	39.75	1	73.99	1	14.91	1	33.42	13.11	12.44	1	145.27
1511	9 V	678567	6271055	60	ppm	1	14.14	1	12.26	1	76.75	1	14.15	47.19	27.05	1	115.99	1	11.1	1	34.61	1	10.42	1	114.98
1512	9 V	678216	6271264	60	ppm	1	13.94	1	10.89	1	58.23	1	21.07	38.05	23.25	1	58.56	1	8.35	1	30.55	12.25	10.81	1	101.68
1513	9 V	678218	6271262	60	ppm	1	14.18	1	9.32	1	30.84	12.42	12.28	57.55	22.53	1	49.37	1	7.15	1	26.87	10.32	9.46	1	87.02
1514	9 V	678221	6271264	60	ppm	1	15.11	1	11.71	1	50.43	1	10.84	29.38	23.87	1	68.56	11.2	8.84	1	57.85	1	13.76	1	115
1515	9 V	678021	6271122	60	ppm	1	19.59	1	12.23	110.92	53.64	1	11.26	76.97	29.23	1	113.36	11.85	9.03	1	31.69	1	14.86	1	110.02
1516	9 V	678023	6271126	60	ppm	1	15.35	1	13.34	1	61.98	1	23.12	180.07	43	1	99.06	1	13.06	1	50.13	17.86	12	1	127.12
1517	9 V	678017	6271129	60	ppm	1	18.78	16.21	15.39	1	93.89	17.78	17.4	115.61	38.35	1	99.89	1	10.29	1	36.88	19.44	12.93	1	130.01

Sample	Ba	Ba Error	S	S Error	K	K Error	Ca	Ca Error	Ti	Ti Error	V	V Error	Cr	Cr Error	Mn	Mn Error	Fe	Fe Error	Co	Co Error	Se	Se Error	Rb	Rb Error
1479	1	261.53	239917.98	23384.15	1507.56	1205.69	11167.64	1077.42	395.94	338.37	1	206.73	1	150.92	472.95	316.58	284323.78	14865.86	1	930.92	1	21.04	1	5.61
1480	207.6	202.69	334437	21404.29	1	1903.93	15414.86	1316.42	796.41	334.12	1	203.49	1	134.18	1468.81	423.56	362497.38	19784.05	1708.85	1016.71	1	20.92	1	8.66
1481	1	292.37	74555.39	16208.8	1	1227.06	54108.75	3038.88	1254.23	254.09	282.79	150.91	1	83.77	703.23	361.87	166313.69	10182.74	1	795.81	26.81	18.72	1	5.14
1482	267.16	201.58	281023.44	20599.51	1	1202.79	25038.49	1662.04	963.61	259.62	1	181.56	97.35	71.32	1	421.62	212659.05	12782.74	1	1396.29	30.66	21.9	1	6.41
1483	431.73	175.57	106044.65	19477.67	1303.25	1056.98	29497.92	1715.22	1203.36	328.57	211.22	201.66	165.06	94.6	646.18	309.67	341167.44	16713.58	1	823.97	1	10.12	1	6.56
1484	165.54	85.45	1	2557.57	1	301.55	12082.98	602.27	1	102.37	94.18	44.68	120.41	22.86	515.07	164.14	15658.93	817.06	1	160.91	1	3.56	1	2.15
1485	390.38	125.65	1	7481.8	5129.45	1075.49	59894.91	2535.42	4743.54	401.34	555.56	189.88	81.15	54.61	1524.65	302.5	77798.95	3574.24	1	402.86	1	5.55	1	6.84
1486	401.5	114.67	1	6625.21	54427.55	2746.76	32627.12	1690.56	2494.25	292.57	324.48	154.26	114.24	40.38	878.24	232.36	46709.69	2207.85	1	333.63	1	3.56	22	6.23
1487	309.86	126.54	1	7969.96	2847.27	876.14	56637.19	2431.83	6397.98	458.66	590.48	192.11	361.37	67.42	2408.67	379.74	83481.67	3913.53	1	427.89	1	5.08	5.08	4.68
1488	100.28	93.54	1	8526.63	1	968.3	159420.78	5320.98	1281.64	171.97	239.61	95.12	98.91	36.42	1601.69	278.9	34882.81	1691.72	1	253.01	1	4.08	1	3.05
1489	538.84	129.1	1	4602.93	3032.8	765.16	25866.16	1306.27	2459.05	257.68	321.07	131.08	212.01	48.24	1831.73	333.04	65021.59	3082.1	1	599.17	1	10.23	16.04	6.04
1490	478.94	139.64	1	5564.29	5002.12	932.71	23925.79	1306.47	3274.65	287.2	215.38	125.54	205.06	45.84	1507.85	338.37	65938.88	3393.78	1	454.54	1	6.52	9.61	5.99
1491	843.83	135.56	6803.04	5185.99	7026.45	1041.57	34780.17	1636.15	3660.23	312.85	349.59	145	113.26	44.44	1349.26	287.79	65426.59	3047.69	1	482.14	1	3.96	10.67	5.32
1492	289.08	114.23	1	6067.92	2036.81	693.21	22437.35	1111.08	4370.33	330.74	270.45	144.33	152.63	46.52	1503.85	281.29	81068.61	3441.36	1	381.58	1	10.08	1	5.5
1493	328.58	127.26	1	8389.12	557.39	555.82	24573.3	1203.58	717.88	175.11	212	107.75	51.44	42.24	1761.13	294.75	87638.49	3380	1	389.98	1	12.99	1	7.48
1494	290.82	134.79	93093.57	14671.68	2349.49	971.01	79303.99	3408.97	5835.13	460.69	568.61	197.77	1	94.68	1414.14	330.74	128373.65	6340.87	1	760.96	12.91	10.3	1	7.81
1495	614.85	147.86	1	6677.52	2769.28	883.22	49864.74	2115.98	4204.93	349.17	434.01	163.17	55.68	49.78	1160.15	257.9	74260.6	3088.53	1	367.81	10.08	8.89	15.26	6.44
1496	1	187.85	20293.13	9347.27	1	797.74	78734.9	3242.42	2539.38	295.56	339.06	154.56	1	67.39	243.99	207.77	113406.09	5138.05	1	611.29	1	11.9	1	8.77
1498	491.06	124.99	1	7979.83	5410.59	1109.99	82073.11	3350.77	3350.45	327.23	370.61	159.35	396.84	67.37	1573.71	319.02	77278.32	3712.1	1	418.85	1	5.69	16.03	6.25
1499	513.63	117.05	1	5855.87	13503.77	1497.98	42412.38	1857.32	629.29	177.38	116.93	107.22	86.99	48.55	2441	332.76	93622.37	3787.66	1	399.19	1	7.16	22.47	6.67
1500	579.97	130.78	1	8462.83	52963.55	2905.78	34368.5	1854.76	2703.93	376.9	266.06	202.01	212.73	55.31	1073.89	272.78	64499.28	3085.65	444.68	389.63	1	4.29	35.49	8.24
1501	569.71	131.15	1	6158.02	7788.4	1178.38	64254.68	2698.9	3053.39	319.66	262.99	158.15	296.86	59.73	1621.96	315.67	75401.18	3528.94	1	405.41	1	5.72	24.38	7.05
1502	703.66	133.12	1	6271.67	42498.49	2580.83	29714.03	1656.87	1593.12	246.6	181.76	134.39	110.69	47.19	1208.91	284.54	74738.69	3516.37	1	406.47	1	6.09	57.15	10.22
1503	693.07	157.4	1	6712.74	16703.29	1723.07	73614.83	3260.07	3675.78	383.04	349.17	187.85	345.16	71.33	4296.69	531.88	76385.68	3871.67	1	631.68	1	5.92	30.36	8.39
1504	547.67	128.16	1	5902.5	14038	1404.25	45976.02	2011.89	3147.13	279.88	272.26	131.2	434.24	60.49	1553.32	305.22	78988.97	3545.52	1	590.15	1	4.85	51.46	9.25
1505	607.81	140.47	1	8366.54	14590.42	1512.84	68793.27	3045.48	4415.28	373.49	245.85	159.88	221.34	55.74	1293.02	308.73	75066.34	3803.71	1	606.54	1	6.67	29.4	8.24
1506	443.09	115.94	1	5321.17	15252.59	1387.21	32747.08	1543.15	3448.95	295	274.82	136.73	409.73	57.08	1294.62	276.77	67619.14	3049.07	1	363	1	6.68	36.15	7.83
1507	541.23	128.84	1	6781.5	21509.71	1853.39	46056.33	2098.3	3812.26	339.91	299.11	158.79	321.47	61.26	1947.44	333.97	89773.95	4032.39	1	458.56	1	6.45	77.26	11.68
1508	455.86	110.53	1	6264.56	3828.39	723.46	38224.27	1722.09	2045.27	201.62	141.64	95.45	149.03	34.61	1162.32	267.91	38574.34	1919.47	1	316.51	1	4.8	15.21	5.57
1509	413.51	136.72	17413.38	8488.66	45271.39	2813.03	23511.78	1526.89	2824.18	356.24	293.39	187.37	174.19	58.05	1453.46	305.95	84828.07	3960.14	1	527.37	1	5.71	52.04	9.95
1510	463.32	122.8	1	7553.27	9815.96	1185.04	21092.06	1158.17	2580.31	246.44	240.29	117.75	144.84	42.57	1960.97	342.95	73407.13	3449.76	1	502.82	1	5.86	74.58	11.81
1511	667.42	131.94	18217.34	7184.58	8605.68	1131.75	39940.99	1804.13	1514.7	227.9	255.21	127.37	124.36	45.59	1026.03	256.67	72438.02	3265.6	1	379.52	1	9.12	29.68	7.29
1512	1144.67	134.02	1	3857.79	8423.99	879.51	41743.25	1848.43	700.05	114.89	121.77	63.91	148.47	27.04	442.09	178.11	15671.04	922.16	279.45	200.9	1	5.72	28.42	6.67
1513	1375.53	126.51	1	3164.51	15575.24	1159.37	12467.01	712.08	1806.48	197.58	186.4	102.44	147.9	30.56	1522.72	249.75	29453.48	1306.29	1	218.48	1	4.59	32.55	6.29
1514	278.9	114.38	1	3966.89	1234.68	595.6	28546.78	1372.58	1396.46	163.42	166.74	83.91	131.65	34.36	1234.2	269.73	35104.87	1771.48	309.39	290.89	1	4.94	4.33	4.33
1515	665.31	121.06	1	6428.07	4524.29	946.33	36201.73	1597.23	5016.88	383.77	390.79	174.13	255.54	54.16	1830.47	301.32	73340.94	3132.97	1	411.77	1	6.63	20.33	6.15
1516	315.86	120.81	1	6867.32	1894.38	908.49	165788.67	5830.82	2261.9	270.92	245.85	138.57	149.78	53.65	2438.51	370.89	59220.77	2902.95	1	421.17	1	4.96	1	6.47
1517	677.64	139.44	1	7151.62	6346.84	992.34	33218.52	1622.04	3095.05	301.14	356.22	147.7	237.48	49.36	1203.21	293.42	66425.66	3247.65	1	403.24	1	12.51	26.8	7.57

Sample	Sr	Sr Error	Zr	Zr Error	Pd	Pd Error	Cd	Cd Error	Sn	Sn Error	Bi	Bi Error	Bal	Bal Error	Nb	Nb Error
1479	196.04	28.06	1	15.44	29.14	19.87	1	26.48	1	126.87	1	21.91	461689.72	22204.72	1	19.51
1480	1	8	1	20.69	1	19.82	1	27.09	196.84	94.17	1	51.45	282921.06	28360.4	1	12.68
1481	552.24	62.12	1	20.13	1	16.1	1	27.14	1	86.19	1	22.11	701460.06	16096.75	1	13.15
1482	247.14	35.64	1	17.42	1	16.55	1	27.75	122.53	88.33	1	31.29	476790.25	23186.78	1	12.88
1483	417.56	45.54	1	22.09	1	12.28	1	22.93	146.38	75.23	1	35.02	515834.81	21270.07	13.55	13.43
1484	11.41	4.21	1	4.82	1	8.22	1	12.49	1	51.76	1	9.7	971325.63	1138.37	1	9.21
1485	367.8	29.67	58.63	14.36	1	14.94	1	16.91	73.62	52.03	1	22.33	848990.38	6177.03	11.33	9.29
1486	386.77	28.31	37.21	12.27	1	11.55	1	16.41	52.16	46.8	1	25.71	861426.06	5429.82	1	8.51
1487	270.22	24.83	97.22	16.42	14.86	12.64	1	17.13	99.28	54.35	1	13.17	846000	6474.81	1	8.25
1488	350.98	24.88	18.35	10.41	1	7.56	1	13.66	1	55	1	13.82	801902.38	6816.23	1	6.54
1489	321.68	27.23	46.82	13.54	1	9.38	1	16.98	1	75.3	1	13.67	899828.63	4369.18	16.13	9.73
1490	430.05	36.79	52.92	16.13	1	13.93	1	18.61	1	52.33	1	30.63	898721.75	4796.47	12.71	10.48
1491	266.64	23.33	67.31	13.87	1	9.26	1	15.88	1	66.75	1	26.58	879066.38	5061.11	1	12.54
1492	186.26	17.69	87.55	13.84	1	8.59	1	16.02	55.3	47.74	1	14.55	887411.75	4481.24	16.32	9.08
1493	405.29	36.42	20.15	14.42	1	12.47	1	17.74	1	66.18	1	16.72	813844.38	8004.71	1	9.07
1494	441.13	39.08	49.05	16.57	14.82	13.47	1	18.8	84.71	57.55	1	32.01	687860.19	12635.47	1	12.28
1495	611.35	46.98	26.4	15.61	1	10.5	1	18.74	84.1	58.42	1	15.14	818450.38	7596.97	12.55	10.02
1496	1064.84	81.48	41.19	21.3	1	11.27	1	18.61	1	81.27	1	14.11	748356.56	10856.59	1	12.63
1498	425.01	34.16	29.23	13.74	1	9.29	1	16.91	64.79	50.04	1	14.11	828187.94	7136.07	10.8	9.58
1499	520.55	37.83	54.27	14.88	1	13.07	1	15.3	76.65	46.79	1	17.35	828842.94	6633.96	1	12.77
1500	700.71	48.88	51.17	16.34	1	9.5	1	16.61	99.46	52.7	1	20.81	841594.88	6520.51	1	13.89
1501	395.4	31.6	43.72	13.91	1	15.95	1	16.66	52.09	51.17	1	15.43	845920.44	6359.46	1	13.75
1502	442.59	34.64	53.53	14.91	1	16.51	1	15.97	90.49	51.47	1	22.84	848402.31	6330.65	1	14.73
1503	503.7	41.07	35.1	15.54	1	10.57	1	18.77	1	84.09	1	17.06	822738.75	7766.64	1	10.04
1504	217.65	20.24	35.48	11.58	1	8.02	1	15.46	1	78.45	1	14.13	854283.13	5891.16	1	7.62
1505	582.29	45.74	57.07	17.22	1	13.68	1	20.11	59.19	54.37	1	21.49	833801.44	7318.1	10.84	10.11
1506	291.8	24.19	28.97	11.65	1	8.47	1	15.81	1	67.68	1	20.39	877634.44	4984.86	1	7.73
1507	264.61	23.67	49.39	13.12	1	16.1	1	16.2	76.84	51.45	1	17.08	834625.31	6712.75	11.14	9.35
1508	439.07	31.79	31.32	12.67	1	9.3	1	14.77	1	60.71	1	13.18	914892.06	3613.19	1	10.87
1509	446.61	35.43	73.4	16.24	1	9.99	1	18.65	1	77.46	1	25.6	822838	7313.17	15.01	9.86
1510	362.01	30.15	72.57	15.53	1	8.44	1	16.34	1	53.13	1	26.17	889633	4813.95	15.35	9.86
1511	447.32	33.34	39.78	13.57	1	8.82	1	16.76	1	69.42	1	14.23	856646.25	5760.19	1	11.25
1512	761.82	46.21	134.88	18.18	1	8.16	1	14.97	1	65.57	1	14.36	930333.94	2926.19	15.86	8.44
1513	778.42	42.19	101.45	15.05	1	8.32	1	12.62	1	43.74	1	16.14	936463.06	2379.7	9.47	7.2
1514	652.24	43.23	72.44	15.94	1	11.3	1	16.31	75.62	48.94	1	11.06	930751.13	3000.82	1	11.02
1515	543.15	37.06	68.82	14.95	1	8.61	1	15.51	61.94	46.28	1	17.38	876880.13	4810.41	1	12.83
1516	468.61	34.64	99.85	16.71	1	17.13	1	17.13	116.44	52.58	1	13.02	766781.31	8674.26	20.19	9.52
1517	471.5	37.28	66.21	16.23	1	8.87	1	17.27	58.66	53.36	1	14.8	887633.88	4998.6	13.28	9.9

APPENDIX V

Rock Samples
Descriptions
&
Analyses by
Bureau Veritas Mineral Laboratories

Sample	StationID	Easting	Northing	Elevation		
3657	JH-RL-03	672583	6271452	1827 m	oc on north side of mountain	pale grey, red stained, dirty looking hornblende porphyritic fine grained monzonite
3658	JH-RL-03	672583	6271452	1827 m		
3659	JH-RL-03	672583	6271452	1827 m		
3660	JH-RL-08	672304	6271998	1707 m	rusty outcrop cpy vein	grey fine grained dio-gabbro
3661	JH-RL-10	679063	6271219	1459 m	road oc	weathered orange, fresh dark grey aphanitic silica rich seds
3662	JH-RL-13	678866	6271159	1447 m	road subcrop	weathered orange, fresh dark grey aphanitic seds
3663	JH-RL-14	678819	6271146	1445 m	road subcrop - oc	weathered red maroon, fresh green, aphanitic to weakly brecciated broken lam seds
3664	JH-RL-19	677972	6271710	1442 m	10x20 m road outcrop	weathered grey, fresh grey pink, medium grained granite
3665	JH-RL-23	677196	6272250	1455 m	oc above cattle guard	series of takla rocks, sandstone to cherty laminated seds
3666	JH-RL-24	670235	6273677	2143 m	helicopter day	weathered grey, fresh dark grey, medium grained gabbro
3667	JH-RL-25	670285	6273574	2168 m	29 metres from darb 3	weathered grey, fresh dark grey, medium grained gabbro
3668	JH-RL-32	676463	6271088	2007 m	ridge top above Cu in soil anom	weathered grey, green fresh phyric medium grained dirty app volcaniclastic
3669	JH-RL-34	676855	6272483	1486 m	oc above green lake	weathered grey, fresh green grey, pyroxene phyric Takla volcaniclastics
3670	JH-RL-38	678018	6271128	1458 m	oc near charge high on line 3	weathered brown, fresh green grey, medium grained augite plag phyric takla basalt

Sample		
3657	1 m zones of intense Fe Mg W staining	within 1 m gossans is pyrite dominated zones up to 10cm wide 50% pyrite minor aspy, Mo W Ag qtz Au, minor bornite
3658		
3659		
3660	fresh distal to vein, with 1m strong Fe oxides	5 cm chalcopyrite vein
3661	strongly silicified up to 10% diss sulphides minor qtz veins	10% sulphides, 10:1 py:cpy
3662	strongly silicified	trace diss py, fractrue fill py-cpy (10:1)
3663	mod silicified, mod pervasive chlorite	5% diss blebs of sulphide, 6:4 py:cpy, blebs of cpy without py,
3664	moderate silicification, 1 cm qtz vein with 1 mm kspar halo	5 cm oxidized qtz vein, cubic fg pyrite and molybdenite
3665	fresh to strong oxidation	small zone of 20% pyrite up to .5m wide py±ep±mal
3666	weak fe oxides on fractures, moderate pervasive chlorite - calcite	0.5% diss blebby py, 1mm qtz cpy vein
3667	moderate chlorite alteration	0.5% diss cpy, moderate malachite
3668	strong epidote chlorite calcite	1% malachite and azurite on fracture, minor cpy blebs
3669	weak chlorite - calcite	trace fracture malachite diss cpy and py in fracture
3670	mod silicified weak chl	trace vfg diss cpy

Sample					
3657	xrf shot 230 ppm Au, thought I saw VG but not certain	pyrite vein zone	241	90	3 samples - 3657 piece that shot 230 ppm au, 3658 oxidized sulphides 3659 oxidized with fresh sulphides
3658					
3659					
3660		cpy vein	243	70	
3661	second lithology is a cg plag porphyry, physical property sample				
3662	physical property sample				
3663	physical property sample				
3664		qtz-py-moly vein	339	69	
3665	physical property sample				
3666	physical property sample				
3667	physical property sample				
3668	possibly cause of soil anom downslope, physical property sample				
3669	physical property sample				
3670	physical property sample				

BUREAU VERITAS
MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Garibaldi Resources Corp.**
Suite 1150, 409 Granville Street
Vancouver BC V6C 1T2 CANADA

Submitted By:	Jeremy Hanson
Receiving Lab:	Canada-Whitehorse
Received:	July 22, 2016
Report Date:	August 26, 2016
Page:	1 of 2

CERTIFICATE OF ANALYSIS WHI16000127.2

CLIENT JOB INFORMATION

Project:	Garibaldi Resource Corp
Shipment ID:	
P.O. Number	
Number of Samples:	14

SAMPLE DISPOSAL

PICKUP-PLP	Client to Pickup Pulps
PICKUP-RJT	Client to Pickup Rejects

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP90-250	14	Crush (>90%), split and pulverize 250g rock to 200 mesh			WHI
FA350-Au	14	50g Fire assay fusion Au by ICP-ES	50	Completed	VAN
MA200	14	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN
SHP01	14	Per sample shipping charges for branch shipments			VAN
BAT01	14	Batch charge of <20 samples			VAN
FA550	1	Lead collection fire assay 50G fusion - Grav finish	50	Completed	VAN
MA404	2	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : MA404-Cu Co included.

Invoice To: Garibaldi Resources Corp.
Suite 1150, 409 Granville Street
Vancouver BC V6C 1T2
CANADA

CC: Steve Regoci

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Geochemical Laboratory Manager

BUREAU VERITAS
MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Garibaldi Resources Corp.**
Suite 1150, 409 Granville Street
Vancouver BC V6C 1T2 CANADA

Project: Garibaldi Resource Corp
Report Date: August 26, 2016

CERTIFICATE OF ANALYSIS WHI16000127.2

	Method	WGHT	FA350	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
3657	Rock	0.61	3695	7.0	4094.2	2.8	20	3.7	40.6	>4000	248	28.40	>10000	0.2	0.2	8	<0.1	37.9	7.4	63	0.15
3658	Rock	1.37	1065	3.7	2087.2	1.9	64	2.4	15.0	479.9	713	23.96	>10000	0.5	0.7	25	<0.1	6.2	3.1	144	0.33
3659	Rock	1.84	6559	1.1	6845.4	2.7	45	5.8	44.0	122.7	602	25.33	450	0.4	0.3	46	0.2	0.5	1.6	87	0.84
3660	Rock	1.31	>10000	1.5	>10000	1.7	370	90.1	76.3	1791.3	494	26.26	53	0.2	<0.1	103	5.7	0.8	101.2	211	1.88
3661	Rock	1.28	55	11.1	637.5	2.8	41	0.4	4.9	25.3	655	4.96	40	0.2	0.6	372	<0.1	0.1	0.3	163	5.67
3662	Rock	1.27	66	4.9	660.6	3.6	71	0.5	4.0	27.8	1258	6.22	9	0.3	0.7	563	<0.1	<0.1	0.5	310	6.86
3663	Rock	1.59	17	5.2	981.6	3.2	105	0.5	9.0	58.8	2882	11.06	2	0.2	0.4	266	0.2	0.3	0.4	211	8.83
3664	Rock	0.72	3	378.2	17.3	7.9	12	0.1	1.8	2.5	182	1.58	13	0.2	0.5	193	<0.1	<0.1	0.3	37	0.26
3665	Rock	1.19	12	8.6	227.3	4.2	99	0.3	50.7	37.0	1205	8.39	6	0.8	0.5	488	<0.1	0.4	0.4	211	5.44
3666	Rock	1.35	36	1.2	1050.2	7.1	47	0.8	91.6	49.2	986	8.79	8	<0.1	<0.1	573	0.2	2.5	<0.1	669	9.91
3667	Rock	0.70	217	0.2	2845.2	0.8	69	1.0	241.2	99.8	1773	10.65	2	<0.1	<0.1	49	0.1	0.4	<0.1	351	8.04
3668	Rock	1.23	208	6.0	3941.8	2.5	64	2.2	42.9	40.6	1271	7.85	3	0.5	0.9	414	0.5	0.5	<0.1	366	6.08
3669	Rock	1.39	14	1.0	309.9	6.4	70	0.3	68.1	41.0	1307	6.97	2	1.0	1.9	608	0.3	0.2	0.1	311	7.17
3670	Rock	1.34	<2	2.1	52.7	5.9	96	<0.1	33.7	28.2	1096	6.83	1	1.0	1.2	488	0.2	0.3	0.2	292	4.81

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Garibaldi Resources Corp.**
Suite 1150, 409 Granville Street
Vancouver BC V6C 1T2 CANADA

Project: Garibaldi Resource Corp
Report Date: August 26, 2016

CERTIFICATE OF ANALYSIS WHI16000127.2

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
3657	Rock	0.008	0.8	7	0.51	10	0.052	2.10	0.036	0.02	156.6	2.4	2	0.2	21.9	0.2	<0.1	<1	11	4.2	>10
3658	Rock	0.034	2.5	15	1.61	58	0.261	5.48	0.083	0.25	4.9	9.4	5	0.2	6.2	1.8	0.1	<1	15	11.7	6.0
3659	Rock	0.010	4.2	10	1.17	9	0.069	3.15	0.009	<0.01	150.7	3.1	9	0.5	102.1	0.3	<0.1	<1	18	4.3	>10
3660	Rock	0.029	10.5	18	1.38	14	0.185	4.01	0.022	0.03	0.7	1.2	15	1.1	9.5	0.2	<0.1	<1	18	4.6	>10
3661	Rock	0.091	4.8	6	1.61	611	0.401	9.26	3.149	1.07	1.7	23.6	11	0.6	19.0	5.4	0.4	<1	13	4.6	1.1
3662	Rock	0.185	6.8	4	2.01	205	0.437	10.17	3.573	0.61	0.8	22.4	14	1.0	17.7	1.1	<0.1	<1	13	4.6	1.4
3663	Rock	0.098	4.5	4	1.81	90	0.244	6.03	0.696	0.55	2.5	12.0	10	0.6	11.7	0.7	<0.1	1	9	2.0	3.8
3664	Rock	0.027	2.9	4	0.20	142	0.066	2.46	1.143	1.50	16.0	4.6	6	0.4	3.0	2.2	0.1	<1	2	3.6	0.6
3665	Rock	0.064	6.0	93	3.05	363	0.361	8.71	3.536	0.55	1.0	27.5	8	0.6	14.9	1.4	<0.1	<1	27	5.8	2.0
3666	Rock	0.003	0.3	8	3.22	159	0.499	10.86	1.144	0.12	1.1	4.8	1	0.3	4.0	0.2	<0.1	<1	24	7.8	0.2
3667	Rock	0.017	0.9	693	11.28	42	0.376	2.83	0.305	0.11	0.3	12.6	3	0.3	9.5	0.6	<0.1	<1	73	2.3	<0.1
3668	Rock	0.086	5.7	67	3.78	375	0.672	8.59	1.994	1.18	0.9	14.3	14	0.8	20.2	4.3	0.3	<1	34	16.2	0.2
3669	Rock	0.108	11.0	153	4.52	443	0.496	8.04	2.327	1.15	0.6	29.8	23	0.7	16.4	1.3	<0.1	<1	32	9.1	0.1
3670	Rock	0.080	6.2	81	3.41	867	0.553	8.67	1.859	1.07	1.5	30.8	13	0.7	16.1	2.7	0.2	<1	32	20.8	0.1

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Client: **Garibaldi Resources Corp.**
Suite 1150, 409 Granville Street
Vancouver BC V6C 1T2 CANADA

Project: Garibaldi Resource Corp
Report Date: August 26, 2016

CERTIFICATE OF ANALYSIS WHI16000127.2

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	FA550	MA404	MA404
	Analyte	Rb	Hf	In	Re	Se	Te	Tl	Au	Cu	Co
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	gm/t	%	%
	MDL	0.1	0.1	0.05	0.005	1	0.5	0.5	0.9	0.01	0.01
3657	Rock	0.3	0.4	0.09	<0.005	28	21.0	<0.5		0.35	0.55
3658	Rock	8.4	0.2	0.14	0.005	8	3.7	0.7			
3659	Rock	0.7	<0.1	0.15	0.013	12	2.2	<0.5			
3660	Rock	1.1	<0.1	6.36	0.006	39	110.0	<0.5	37.2	13.56	0.16
3661	Rock	16.6	0.7	<0.05	0.014	3	0.8	<0.5			
3662	Rock	13.5	1.1	0.06	<0.005	3	1.3	<0.5			
3663	Rock	11.1	0.6	0.10	0.010	13	1.6	<0.5			
3664	Rock	29.5	0.2	<0.05	0.075	<1	<0.5	<0.5			
3665	Rock	12.8	0.9	0.07	<0.005	8	0.8	<0.5			
3666	Rock	0.8	0.2	<0.05	<0.005	<1	<0.5	<0.5			
3667	Rock	1.3	0.6	<0.05	<0.005	2	1.9	<0.5			
3668	Rock	22.7	0.6	0.13	<0.005	2	1.5	<0.5			
3669	Rock	42.4	1.2	0.06	<0.005	<1	0.6	<0.5			
3670	Rock	14.8	0.8	0.06	<0.005	<1	0.7	<0.5			

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Garibaldi Resources Corp.**
Suite 1150, 409 Granville Street
Vancouver BC V6C 1T2 CANADA

Project: Garibaldi Resource Corp
Report Date: August 26, 2016

QUALITY CONTROL REPORT WHI16000127.2

Method		WGHT	FA350	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
Pulp Duplicates																					
3660	Rock	1.31	>10000	1.5	>10000	1.7	370	90.1	76.3	1791.3	494	26.26	53	0.2	<0.1	103	5.7	0.8	101.2	211	1.88
REP 3660	QC																				
3666	Rock	1.35	36	1.2	1050.2	7.1	47	0.8	91.6	49.2	986	8.79	8	<0.1	<0.1	573	0.2	2.5	<0.1	669	9.91
REP 3666	QC			1.6	1036.2	7.3	46	0.8	92.1	49.4	946	8.64	7	<0.1	<0.1	580	0.2	2.4	<0.1	665	10.09
3670	Rock	1.34	<2	2.1	52.7	5.9	96	<0.1	33.7	28.2	1096	6.83	1	1.0	1.2	488	0.2	0.3	0.2	292	4.81
REP 3670	QC		<2	2.1	52.4	5.9	88	<0.1	34.7	28.5	1111	6.85	5	1.0	1.1	504	<0.1	0.2	0.2	296	4.89
Core Reject Duplicates																					
3661	Rock	1.28	55	11.1	637.5	2.8	41	0.4	4.9	25.3	655	4.96	40	0.2	0.6	372	<0.1	0.1	0.3	163	5.67
DUP 3661	QC		59	11.1	633.7	2.8	47	0.4	4.9	23.5	644	4.93	18	0.1	0.6	376	<0.1	0.2	0.3	168	5.70
Reference Materials																					
STD AGPROOF	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS134B	Standard																				
STD OREAS25A-4A	Standard			2.2	35.8	24.5	44	<0.1	47.6	8.3	447	6.70	10	2.6	13.5	41	0.2	0.6	0.3	166	0.26
STD OREAS45E	Standard			2.4	819.1	20.1	49	0.3	491.6	65.4	532	25.55	18	2.5	13.1	17	0.1	0.8	0.4	353	0.06
STD OREAS45E	Standard			2.3	758.4	18.5	47	0.3	489.3	62.9	586	25.69	18	2.4	11.4	15	0.1	0.8	0.3	338	0.06
STD OXD108	Standard		421																		
STD SP49	Standard																				
STD SQ70	Standard																				
STD SU-1B	Standard																				
STD OXD108 Expected			414																		
STD AGPROOF Expected																					
STD SP49 Expected																					
STD SQ70 Expected																					
STD OREAS25A-4A Expected				2.55	33.9	26.6	44.4		45.8	8.2	500	6.7	10.7	2.94	15.8	48.5		0.67	0.35	163	0.283
STD OREAS45E Expected				2.4	780	18.2	46.7	0.311	454	57	570	24.12	16.3	2.41	12.9	15.9	0.06	1	0.28	322	0.065
STD OREAS132A Expected																					

BUREAU VERITAS
MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Garibaldi Resources Corp.**
Suite 1150, 409 Granville Street
Vancouver BC V6C 1T2 CANADA

Project: Garibaldi Resource Corp
Report Date: August 26, 2016

QUALITY CONTROL REPORT WHI16000127.2

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
Pulp Duplicates																					
3660	Rock	0.029	10.5	18	1.38	14	0.185	4.01	0.022	0.03	0.7	1.2	15	1.1	9.5	0.2	<0.1	<1	18	4.6	>10
REP 3660	QC																				
3666	Rock	0.003	0.3	8	3.22	159	0.499	10.86	1.144	0.12	1.1	4.8	1	0.3	4.0	0.2	<0.1	<1	24	7.8	0.2
REP 3666	QC	0.005	0.3	8	3.20	164	0.551	10.82	1.130	0.11	1.1	4.9	1	0.3	4.1	0.2	<0.1	<1	24	8.6	0.2
3670	Rock	0.080	6.2	81	3.41	867	0.553	8.67	1.859	1.07	1.5	30.8	13	0.7	16.1	2.7	0.2	<1	32	20.8	0.1
REP 3670	QC	0.074	6.0	84	3.41	892	0.557	8.64	1.798	1.16	1.4	32.0	13	0.8	16.0	2.7	0.2	<1	31	20.7	0.1
Core Reject Duplicates																					
3661	Rock	0.091	4.8	6	1.61	611	0.401	9.26	3.149	1.07	1.7	23.6	11	0.6	19.0	5.4	0.4	<1	13	4.6	1.1
DUP 3661	QC	0.087	5.3	6	1.62	687	0.399	9.33	3.163	1.11	1.3	23.2	12	0.6	18.4	5.4	0.3	<1	13	4.7	1.1
Reference Materials																					
STD AGPROOF	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS134B	Standard																				
STD OREAS25A-4A	Standard	0.051	19.7	127	0.32	156	1.018	8.93	0.140	0.52	2.0	160.8	43	4.3	9.2	21.2	1.5	1	12	40.6	<0.1
STD OREAS45E	Standard	0.033	11.6	1069	0.15	267	0.570	7.25	0.056	0.35	1.0	101.3	25	1.3	7.5	6.6	0.7	<1	91	7.3	<0.1
STD OREAS45E	Standard	0.034	8.8	1083	0.15	256	0.498	7.08	0.049	0.37	1.0	100.2	20	1.3	6.7	6.8	0.6	<1	92	7.0	<0.1
STD OXD108	Standard																				
STD SP49	Standard																				
STD SQ70	Standard																				
STD SU-1B	Standard																				
STD OXD108 Expected																					
STD AGPROOF Expected																					
STD SP49 Expected																					
STD SQ70 Expected																					
STD OREAS25A-4A Expected		0.0495	21.8	120	0.327	151	0.977	8.87	0.134	0.5	2	155	48.9	4.2	10.5	20.9	1.5	0.93	13.7	36.7	0.047
STD OREAS45E Expected		0.034	11	979	0.156	252	0.559	6.78	0.059	0.324	1.07	97	23.5	1.32	8.28	6.8	0.54		93	6.58	0.046
STD OREAS132A Expected																					

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Garibaldi Resources Corp.**
Suite 1150, 409 Granville Street
Vancouver BC V6C 1T2 CANADA

Project: Garibaldi Resource Corp
Report Date: August 26, 2016

QUALITY CONTROL REPORT WHI16000127.2

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	FA550	MA404	MA404
	Analyte	Rb	Hf	In	Re	Se	Te	Tl	Au	Cu	Co
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	gm/t	%	%
	MDL	0.1	0.1	0.05	0.005	1	0.5	0.5	0.9	0.01	0.01
Pulp Duplicates											
3660	Rock	1.1	<0.1	6.36	0.006	39	110.0	<0.5	37.2	13.56	0.16
REP 3660	QC								34.2	13.26	0.15
3666	Rock	0.8	0.2	<0.05	<0.005	<1	<0.5	<0.5			
REP 3666	QC	0.8	0.2	0.06	<0.005	<1	0.8	<0.5			
3670	Rock	14.8	0.8	0.06	<0.005	<1	0.7	<0.5			
REP 3670	QC	13.1	1.0	<0.05	<0.005	<1	0.7	<0.5			
Core Reject Duplicates											
3661	Rock	16.6	0.7	<0.05	0.014	3	0.8	<0.5			
DUP 3661	QC	17.5	0.7	<0.05	<0.005	4	1.5	<0.5			
Reference Materials											
STD AGPROOF	Standard								<0.9		
STD OREAS132A	Standard									0.05	<0.01
STD OREAS134B	Standard									0.13	0.01
STD OREAS134B	Standard									0.13	0.01
STD OREAS25A-4A	Standard	57.4	4.2	0.10	<0.005	2	<0.5	<0.5			
STD OREAS45E	Standard	23.4	3.5	0.10	<0.005	3	<0.5	<0.5			
STD OREAS45E	Standard	20.6	3.0	0.09	<0.005	2	<0.5	<0.5			
STD OXD108	Standard										
STD SP49	Standard								18.4		
STD SQ70	Standard								38.4		
STD SU-1B	Standard									1.17	0.07
STD OXD108 Expected											
STD AGPROOF Expected									0		
STD SP49 Expected									18.34		
STD SQ70 Expected									39.62		
STD OREAS25A-4A Expected		61	4.28	0.09		2.5		0.35			
STD OREAS45E Expected		21.2	3.11	0.099		2.97	0.1	0.09			
STD OREAS132A Expected										0.0458	

BUREAU VERITAS
MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Garibaldi Resources Corp.**
Suite 1150, 409 Granville Street
Vancouver BC V6C 1T2 CANADA

Project: Garibaldi Resource Corp
Report Date: August 26, 2016

QUALITY CONTROL REPORT WHI16000127.2

		WGHT	FA350	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
STD SU-1B Expected																					
STD OREAS134B Expected																					
BLK	Blank		<2																		
BLK	Blank																				
BLK	Blank			<0.1	0.4	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		<2	0.8	4.5	3.3	38	<0.1	1.6	4.4	699	2.15	3	1.2	2.9	205	0.1	<0.1	<0.1	36	1.66
ROCK-WHI	Prep Blank		<2	1.2	5.7	3.2	39	<0.1	1.8	4.9	699	2.19	3	1.1	2.7	205	0.1	<0.1	<0.1	37	1.70

BUREAU VERITAS MINERAL LABORATORIES Canada
www.bureauveritas.com/um
Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Garibaldi Resources Corp.**
Suite 1150, 409 Granville Street
Vancouver BC V6C 1T2 CANADA

Project: Garibaldi Resource Corp
Report Date: August 26, 2016

QUALITY CONTROL REPORT WHI16000127.2

		MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
STD SU-1B Expected																					
STD OREAS134B Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	0.002	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	0.002	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank	0.044	14.2	4	0.47	894	0.205	6.73	3.500	2.04	0.4	59.4	26	0.8	16.8	6.0	0.5	1	7	7.1	<0.1
ROCK-WHI	Prep Blank	0.043	13.3	4	0.48	863	0.211	6.84	3.514	2.02	0.4	57.3	25	1.0	15.7	6.1	0.4	<1	7	6.8	<0.1

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Garibaldi Resources Corp.**
Suite 1150, 409 Granville Street
Vancouver BC V6C 1T2 CANADA

Project: Garibaldi Resource Corp
Report Date: August 26, 2016

QUALITY CONTROL REPORT WHI16000127.2

		MA200	MA200	MA200	MA200	MA200	MA200	MA200	FA550	MA404	MA404
		Rb	Hf	In	Re	Se	Te	Tl	Au	Cu	Co
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	gm/t	%	%
		0.1	0.1	0.05	0.005	1	0.5	0.5	0.9	0.01	0.01
STD SU-1B Expected										1.185	0.0672
STD OREAS134B Expected										0.1348	
BLK	Blank										
BLK	Blank								<0.9		
BLK	Blank	<0.1	<0.1	<0.05	<0.005	<1	<0.5	<0.5			
BLK	Blank	<0.1	<0.1	<0.05	<0.005	<1	<0.5	<0.5			
BLK	Blank									<0.01	<0.01
BLK	Blank									<0.01	<0.01
Prep Wash											
ROCK-WHI	Prep Blank	45.6	1.9	0.09	<0.005	<1	<0.5	<0.5			
ROCK-WHI	Prep Blank	44.9	1.9	<0.05	0.007	<1	<0.5	<0.5			

APPENDIX VI

Rock Specimens
Physical Properties Testing
Procedures and Results

Physical Property Testing of Garibaldi Resources Samples (September 2016)

Samples representing mineralized zones and host rocks were collected from Garibaldi's Red Lion Property to evaluate the petrophysical responses. Thirty-six rock samples were tested for chargeability and resistivity response as well as measurement of density and bulk magnetic susceptibility.

Magnetic susceptibility measurements were made with a KT-10 hand held susceptibility meter by taking several readings over the surface of a sample and averaging these readings. Density was measured by Archimedes method and a calibrated balance was used for mass determinations. Chargeability and resistivity readings were made with a GDD Instruments SCIP core and sample tester which passes current pulses of 2 seconds on, 2 seconds off through the sample and measures the decay of the current in the off time. This is similar to the measurement process during a surface IP survey. The delay time used for these measurements was 240 mse.c and readings were taken with 20 windows of 80 msec. each.

Most rock forming minerals are good insulators and current will only flow through them if an ionic solution is present. For this reason, it was necessary to soak all samples for a period of a week to saturate them with water before the chargeability test was carried out. Current will flow via ions through saturated pore spaces and fractures and via electron flow through metallic minerals such as pyrite and chalcopyrite (also graphite and some clay minerals) and it is at the electron/ion boundaries that chargeability response occurs. The magnitude of the response is dependent on a number of factors such as grain size and percentage of chargeable material and whether grains are electrically connected.

Results indicate some evidence of chargeability response in almost half the samples due to the presence of pyrite and chalcopyrite in many of them. However only 4 display strong responses (JH-RL-03, JH-RL-08, JH-RL-14, JH-RL-32) and 2 of these (JH-RL-03, JH-RL-08) are highly anomalous due to the concentration of sulphides present in the sample. Sample JH-RL-03 is also associated with elevated gold values although the relationship between sulphides and gold may not be straightforward.

In comparing these chargeability responses to results from a surface IP survey it is important to remember that the surface survey is a bulk sampling process where the response measured is an average from all the different rock materials in the vicinity of the receiver electrodes. This tends to reduce the effect of a small highly chargeable zone such as a 10 cm wide vein especially if a wide spaced (100m dipole) IP survey has been carried out. It also may be difficult to determine which anomalous chargeability response represents the best economic mineralization in an area such as this where disseminated pyrite is fairly common.

In conclusion, a number of samples gave anomalous chargeability responses when tested and this information in combination with geochemical information should be helpful in drill targeting IP survey responses.

Station	Sample	UTM	Easting	Northing	Elevation	Brief Description	Lithology
JH-RL-01		9 V	674445	6273164	1723 m	north side of nw ridge	weathered greeen grey, fresh green grey plagioclase augite phyric basalt, 50% phenocrysts 1-4 mm sub to anhedral
JH-RL-02		9 V	674378	6273019	1709 m	talus	30 cm boulder of pyrhhotite
JH-RL-03	3 samples - 3657 piece 230 ppm au, 3658 oxidized sulphides 3659 oxidized w fresh sulphides poss vg	9 V	672583	6271452	1827 m	oc on north side of mountain	pale grey, red stained, dirty looking hornblende porphyritic fine grained monzonite
JH-RL-05		9 V	672505	6271633	1759 m	outcrop stop	grey fresh and weathered fine grained plagioclase porphyritic diorite
JH-RL-06		9 V	672271	6271761	1747 m	10x5m oc	pale white weathered, fresh dark grey plagioclase porphyry
JH-RL-07		9 V	672223	6271960	1738 m	outcrop	grey medium grained dio-gabbro
JH-RL-08	3660	9 V	672304	6271998	1707 m	rusty outcrop cpy vein	grey fine grained dio-gabbro
JH-RL-09		9 V	679109	6271231	1458 m	road oc	weathered orange, fresh light grey, aphanitic silica rich hornfels seds
JH-RL-10	3661	9 V	679063	6271219	1459 m	road oc	weathered orange, fresh dark grey aphanitic silica rich seds
JH-RL-10b							
JH-RL-11		9 V	679014	6271198	1456 m	road oc	weathered orange, fresh pale green, aphanitic silicified seds
JH-RL-12		9 V	678913	6271167	1450 m	road oc	pale green grey, weathered and fresh aphanitic seds
JH-RL-13	3662	9 V	678866	6271159	1447 m	road subcrop	weathered orange, fresh dark grey aphanitic seds
JH-RL-14	3663	9 V	678819	6271146	1445 m	road subcrop - oc	weathered red maroon, fresh green, aphanitic to weakly brecciated broken laminated
JH-RL-15							
JH-RL-16		9 V	678592	6271198	1444 m	30m long road crop	weathered orange, fresh maroon grey, fine grained sandstone
JH-RL-17		9 V	678338	6271339	1444 m	road outcrop	weathered light grey, fresh white coarse grained k-feldspar porphyritic granodiorite - granite, 10% pink euhedral 1-2 cm K-feldspar phenos, 60% white euhedral 3-5mm plagioclase, 20% 1-3mm euhedral hornblende, 10% 1-2mm bioitite
JH-RL-18		9 V	678192	6271532	1439 m	talus	weathered grey, fresh grey pink, medium grained granite
JH-RL-19	3664	9 V	677972	6271710	1442 m	10x20 m road outcrop	weathered grey, fresh grey pink, medium grained granite
JH-RL-20		9 V	677435	6272029	1445 m	10x40 m road outcrop	fresh weathered grey fine grained sandstone with a 1-2m wide pink fg dyke
JH-RL-21		9 V	677383	6272048	1447 m	north end of oc from prev station	series of sand, siltstone and felsic volcanics, plag porphyry
JH-RL-22		9 V	677418	6272051	1453 m	subcrop	weathered orange, fresh green aphantic seds
JH-RL-23	3665	9 V	677196	6272250	1455 m	oc above cattle guard	series of takla rocks, sandstone to cherty laminated seds
JH-RL-24	3666	9 V	670235	6273677	2143 m	helicopter day	weathered grey, fresh dark grey, medium grained gabbro
JH-RL-24							

Station	Alteration	Mineralization
JH-RL-01	weak chlorite alteration minor quartz stringers	nvs, some talus has minor pyrite
JH-RL-02		pyrrhotite
JH-RL-03	1 m zones of intense Fe Mg W staining	within 1 m gossans is pyrite dominated zones up to 10cm wide 50% pyritem minor aspy, Mo W Ag qtz Au, minor bornite
JH-RL-05	fresh	trace fine grained diss pyrite
JH-RL-06	strongly silicified	1% diss fine grained pyrite
JH-RL-07	weak pervasive chlorite	trace disseminated pyrite
JH-RL-08	fresh distal to vein, with 1m strong Fe oxides	5 cm chalcopyrite vein
JH-RL-09	strongly silicified	5% vfg diss py
JH-RL-10	strongly silicified up to 10% diss sulphides minor qtz veins	10% sulphides, 10:1 py:cpy
JH-RL-10b		
JH-RL-11	strong pervasive silicification	3-5% vfg diss py and fracture py, trace cpy
JH-RL-12	silicified	trace py
JH-RL-13	strongly silicified	trace diss py, fractrue fill py-cpy (10:1)
JH-RL-14	mod silicified, mod pervasive chlorite	5% diss blebs of sulphide, 6:4 py:cpy, blebs of cpy without py
JH-RL-15		
JH-RL-16	weakly silicified 2% pyrite fractures	2% blebby py ± cpy on fractures, qtz py cpy veinlets 1mm
JH-RL-17	fresh	nvs to trace fracture pyrite
JH-RL-18	moderate silicification, 1 cm qtz vein with 1 mm kspar halo	nvs to trace fracture pyrite
JH-RL-19	moderate silicification, 1 cm qtz vein with 1 mm kspar halo	5 cm oxidized qtz vein, cubic fg pyrite and molybdenite
JH-RL-20	weak fe oxides, minor epidote fractures with kspar	nvs to trace fracture pyrite
JH-RL-21	fresh to minor Fe oxides	nvs to trace fracture pyrite
JH-RL-22	strongly silicified, moderate epidote stringers	1% sulphides, blebby py:cpy 1:1
JH-RL-23	fresh to strong oxidation	small zone of 20% pyrite up to .5m wide py±ep±mal
JH-RL-24	weak fe oxides on fractures, mod pervasive chlorite - calcite	0.5% diss blebby py, 1mm qtz cpy vein
JH-RL-24		

Station	Comments	Structure	Strike	Dip	**Density g/cc**	**Mag.susc. x10^{-3} SI**	**Resistivity ohm-m**	**Chargeability mV/V**	**Comment**
JH-RL-01	from south end of johanson lake to hear has been app								
JH-RL-02	elevated zn, as, no sample								
JH-RL-03	xrf shot 230 ppm Au, thought I saw VG but not certain	pyrite vein zone	241	90	3.32	157.6	72	**78.2**	which of 3 samples?
JH-RL-05	physical property sample				2.92	8.9	3007	3.6	
JH-RL-06	physical property sample				2.72	14.0	1811	3.5	
JH-RL-07	physical property sample								
JH-RL-08		cpy vein	243	70	3.43	13.9	30	**81.4**	semi-massive
JH-RL-09	physical property sample				2.85	1.3	1150	7.4	
JH-RL-10	second lithology is a cg plag porphyry, physical property sample				2.83	1.1	3404	17.5	
JH-RL-10b					2.76	1.4	1435	13.5	
JH-RL-11	no samples								
JH-RL-12	physical property sample				2.76	0.3	1803	3.5	
JH-RL-13	physical property sample				2.86	2.7	1711	20.9	
JH-RL-14	physical property sample				3.15	1.0	34	**41.2**	small sample
JH-RL-15					2.83	0.3	1307	15.2	
JH-RL-16	previous sample here old orange flagging				2.85	3.8	2446	18.7	
JH-RL-17	physical property sample				2.67	25.2	3812	7.9	
JH-RL-18									
JH-RL-19		qtz-py-moly vein	339	69	2.64	0.0	13,600	3.3	
JH-RL-20					2.92	3.1	7237	5.8	
JH-RL-21	physical property sample				2.70	4.6	2174	5.6	
JH-RL-22	physical property sample				3.03	0.5	5390 (1325)	4.5 (15.8)	crosscutting min. fracture
JH-RL-23	physical property sample				2.87	0.6	216	9.7	
JH-RL-24	physical property sample				1.00	36.6	8980	8.8	
JH-RL-24					3.17	60.4	7870	15.1	

Station	Sample	UTM	Easting	Northing	Elevation	Brief Description	Lithology
JH-RL-25	3667	9 V	670285	6273574	2168 m	29 metres from darb 3	weathered grey, fresh dark grey, medium grained gabbro
JH-RL-26		9 V	670486	6273331	2216 m	20m from darb 4	weathered grey, fresh pale grey, fine grained monzodiorite
JH-RL-27		9 V	670629	6272777	2246 m		diorite
JH-RL-28		9 V	670579	6273991	1918 m	supposed to be mag low	
JH-RL-29		9 V	670856	6273866	2004 m	base of cliff/top of talus	weathered orange, fresh grey, diorite - gabbro
JH-RL-30		9 V	667818	6269126	2151 m	not on property but very close	grey medium grained plag porphyritic diorite
JH-RL-31		9 V	675466	6272304	2048 m	top of ridge west of road	weathered grey, fresh green phyric takla volcaniclastics
JH-RL-32	3668	9 V	676463	6271088	2007 m	ridge top above Cu in soil anom	weathered grey, green fresh phyric medium grained dirty app volcaniclastic
JH-RL-33		9 V	676504	6271114	1997 m	ridge above anomaly	weathered grey, fresh pale grey, medium grained equigranular diorite
JH-RL-34	3669	9 V	676855	6272483	1486 m	oc above green lake	weathered grey, fresh green grey, pyroxene phyric Takla volcaniclastics
JH-RL-35		9 V	677143	6272224	1454 m	oc by cattle guard fence	weathered grey, fresh green, pyroxene phyric volcanics
JH-RL-36		9 V	678582	6271060	1433 m	oc beside creek	weathered grey, fresh dark grey, fine to medium grained plag rich volcanic sandstone
JH-RL-37		9 V	678214	6271264	1444 m	oc above creek	weathered grey, fresh grey, plag porphyritic intrusive, 40% 3-5mm subhedral plag phenos
JH-RL-38	3670	9 V	678018	6271128	1458 m	oc near charge high on line 3	weathered brown, fresh green grey, medium grained augite plag phyric takla basalt
A							small sample
B							small sample
C							JH-RL-34 sample 3669?
D							
E							
F							qtz.

Station	Alteration	Mineralization
JH-RL-25	moderate chlorite alteration	0.5% diss cpy, moderate malachite
JH-RL-26	fresh	nvs
JH-RL-27	fresh	nvs
JH-RL-28		
JH-RL-29	strong silicification w trace diss py	trace to 0.5% diss py, trace malachite on fracture
JH-RL-30	fresh	nvs
JH-RL-31	fresh	trace diss py
JH-RL-32	strong epidote chlorite calcite	1% malachite and azurite on fracture, minor cpy blebs
JH-RL-33		
JH-RL-34	weak chlorite - calcite	trace fracture malachite diss cpy and py in fracture
JH-RL-35	weak cal fractures	nvs
JH-RL-36	fresh minor calcite fracture	1-2% vfg diss py
JH-RL-37	weak Fe oxides	trace vfg diss py
JH-RL-38	mod silicified weak chl	trace vfg diss cpy
A		
B		
C		cpy blebs + diss py
D		
E		
F		

Station	Comments	Structure	Strike	Dip	Density g/cc	Mag.susc. x10^{-3} SI	Resistivity ohm-m	Chargeability mV/V	Comment
JH-RL-25	physical property sample				3.09	68.5	1926	13.3	
JH-RL-26	physical property sample				2.64	4.7	2270	7.1	
JH-RL-27									
JH-RL-28	bouder field								
JH-RL-29	physical property sample								
JH-RL-30	no gossans seen				2.99	0.5	19030	5.1	
JH-RL-31	physical property sample				2.89	0.5	2373	3.9	
JH-RL-32	possibly cause of soil anom downslope, physical property sample				2.92	1.4	895	**29.5**	cpy lamination
JH-RL-33					2.89	28.0	6120	5.2	
JH-RL-34	physical property sample				2.91	3.3	4185	19.6	
JH-RL-35	100-500 ppm Cu xrf, physical property				3.02	0.5	1600	4.6	
JH-RL-36	physical property sample				2.87	0.5	3320	12.2	
JH-RL-37	physical property sample				2.65	12.5	2714	5.5	
JH-RL-38	physical property sample				2.87	0.4	15250	9.2	
A					2.64	11.5	2380	6.4	
B					2.97	0.3	950	11.6	
C					2.91	3.3	4185	19.6	
D					3.00	0.5	14500	9	
E					2.64	12.2	1856	7.3	
F					2.63	0.0	20300	6.5	

Density =Wa/(Wa-Ww) where Wa is weight of dry sample and Ww is weight of water saturated sample suspended in a water bath

Magnetic Susceptibilities, measured with a KT-10 hand held meter, are an average of several readings along the surface of the sample

Chargeability/Resistivity measurements are made with the GDD SCIP sample tester. Additional readings are taken if a crosscutting feature is evident.

Results from select samples may not translate well to real world scale. Surface IP averages the response of a large volume of material reducing the effect of a small, highly chargeable zone.