ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Report on an induced polarization geophysical survey and a mobile metal ion Soil Survey of the SID Property, in the Hazelton area, west-central British Columbia Omineca Mining Division

TOTAL COST: $130,011

AUTHOR(S): John Buckle
SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S):

YEAR OF WORK: 2017

PROPERTY NAME: SID, American Boy

CLAIM NAME(S) (on which work was done):

COMMODITIES SOUGHT: Gold, Silver

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN:

MINING DIVISION: Omineca Mining Division
NTS 93F/11E NTS Map 093M05E BCGS Map 093M043
LATITUDE: _____55_____ ° _____25_____ ' ____24_____ "
LONGITUDE: ___123_____ ° _____25_____ ' ___00_____ " (at centre of work)
UTM Zone: 9 Northing: 6142902 Easting 593899

OWNER(S): Decoors Mining Corp.

MAILING ADDRESS: Decoors Mining Corp.
P.O. BOX 31734
WHITEHORSE YUKON
TERRITORY CANADA Y1A 6L3

OPERATOR(S) [who paid for the work]: Decoors Mining Corp

MAILING ADDRESS:

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**)

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

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			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization	7.42 line kilometers	1028315, 1052028	89,607.70
Radiometric			
Seismic			
Other	report		2,000
Airborne			
GEOCHEMICAL (number of samples analysed for …)			
Soil	177 samples	1028315	38,403.30
Silt			
Rock			
Other			
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)			
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)			
Underground development (metres)			
Other			
		TOTAL COST	130,011

Report on an induced polarization geophysical survey and a mobile metal ion Soil Survey of the SID Property, in the Hazelton area, west-central British Columbia Omineca Mining Division

NTS 93F/11E

NTS Map 093M05E

BCGS Map 093M043

Latitude 55º 25' 24" N UTM 09 (NAD 83)

Longitude 127º 30' 59" W

Northing 6142902 Easting 593899

WRITTEN FOR:
DECOORS MINING CORP
P.O. BOX 31734
WHITEHORSE YUKON
TERRITORY CANADA Y1A 6L3

WRITTEN BY:
John Buckle, P.Geo.
Geological Solutions
geosol2000@gmail.com

DATED: September 26, 2018

Summary

The SID property consists of fifteen contiguous mineral claims 1028315, 102839, 1028328, 1040004, 1040008, 1043449, 1044207, 1050837, 1052028, 1052056, 1052497, 1052580, 1052583, 1052584 and 1052871.covering a total of 3327.4489 hectares. The SID Property is located 22 kilometres northeast of Hazleton, British Columbia in the Omineca Mining Division. The primary target on the property is intrusive related vein deposits similar to the Silverton past producer (MINFILE 093M 038).

The Silverton past producer recovered Gold, Silver, Zinc, Lead, Arsenic, Molybdenum from Polymetallic veins Ag-Pb-Zn+/-Au. An estimated 250,655 grams of silver, 415 grams of gold, 9168 kilograms of lead, and 13,066 kilograms of zinc were recovered from 143 tonnes of ore.

The SID property also has potential for Porphyry Cu +/- Mo +/- Au within the Tectonic Belt Intermontane Terrane Plutonic Rocks, Overlap Assemblage.

The property was previously explored for vein type gold - silver bearing mineralization by Noranda in 1987 and 1988; and by Rio Mineral in 2012; and DeCoors Mining Corp. from 2014 to the present. Rio Minerals Limited conducted a program of grid emplacement and geochemical soil sampling over an area of gold-silver bearing quartz-sulphide vein/replacement mineralization in the Camp and West Creek Zones. Fieldwork was done on behalf of TAD Mineral Exploration Ltd.

Veins trend west-northwest and northwest (dipping shallow to moderate north) whereas the regional faults trend northeast and are steeply dipping, suggesting the quartz-sulphide veins are tensional (or dilational) pull-apart structures and late-stage infilling of residual metal-enriched hydrothermal fluids.

The mineralization observed to date has two mineralogical characteristics that impact the precious metal grades:
• mineralization dominated by arsenopyrite-pyrite banded intergrowths
• mineralization dominated by banded arsenopyrite with minor pyrite-galena-sphalerite-tetrahedrite at the vein margins

Locally, the veins carry small amounts of copper sulphides that include tetrahedrite.

Gold mineralization on the property conforms to a broadly defined intrusion related class of deposits. The distinctive feature of this class of gold deposits are sheeted arrays of parallel, single-stage quartz veins which are found over 10s to 100s of metres and preferentially located in the pluton's cupola. These types of veins are also described as the "reduced intrusion-related gold systems" represented by Fort Knox, Pogo, Donlin Creek, and Dublin Gulch deposits in Alaska and the Yukon.

This report is a description and interpretation of geophysical and soil geochemical surveys that were conducted on behalf of DeCoors Mining Corp. The survey was executed between June 23rd and June 27th, 2017 by a five man crew. A total of 177 MMI soil samples were collected on apart at 25 meter intervals and 3.42 line kilometres of IP survey was conducted on the SID block and 4 line kilometers of IP was survey on the American Boy block.

INTRODUCTION

The SID Property is located 22 kilometres northeast of Hazleton, British Columbia in the Omineca Mining Division. The property encompasses occurrences of silver-lead-zinc-gold veins explored by trenches in the early 1980's. Mineralization consisting of gold, silver, copper, lead, and zinc occurs within multiple, sub-parallel veins. The veins appear to be persistent over considerable strike lengths. The veins are hosted by a Cretaceous monzonite to granite intrusion and extend into the surrounding hornfels (indurated) sediments of the Bowser-Skeena Group.

Exploration work by Noranda in 1987 and 1988 had focused on the significant gold grades carried by numerous narrow quartz veins hosted within granitic stock and hornfelsed sediments.
Exploration work by Noranda in 1987 and 1988 had focused on the significant gold grades carried by numerous narrow quartz veins hosted within granitic stock and hornfelsed sediments. There was no work reported on the property between 1988 and 2006.

In 2012, Rio Minerals Limited on behalf of Tad Minerals, collected a total of 94 soil samples that identified mineralization consisting of gold, silver, copper, lead, and zinc-bearing sulphides are associated with late-stage quartz veining in fault/fissure/shear zones veins. The veins appear to be persistent over considerable strike lengths (>100 meters). The veins are hosted by Cretaceous Bulkley

Plutonic Suite (monzonite, quartz monzonite to granite), and extend into the surrounding country rock that consists of hornfels sediments of Middle Jurassic-Late Cretaceous Bowser-Skeena Group.

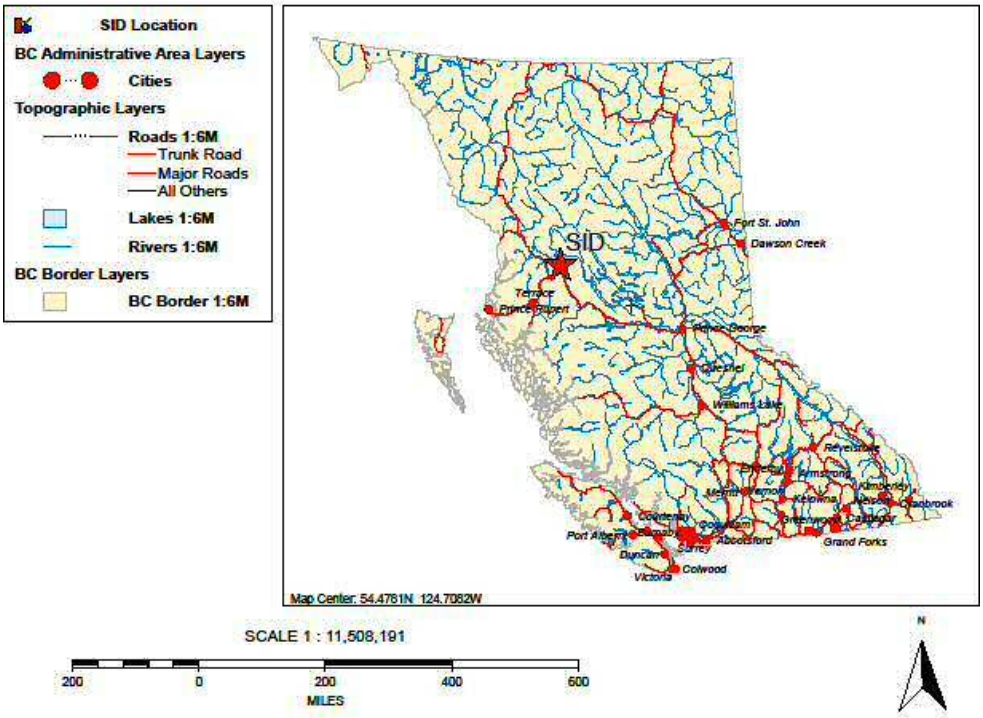
DeCoors Mining Corp. is 100% owner of the SID property and has been conducting exploration of the project since 2014. The property was optioned to Garibaldi Resources in 2016. An MMI survey conducted in 2014 found anomalous gold, copper and silver and the follow-up work conducted in 2017 is the subject of this report

This report describes and interprets the results from geological prospecting, rock sampling and soil geochemistry survey carried out for DeCoors Mining Corp. This survey was conducted over the SID property. A total of 42 rock samples and 130 soil samples each sample measure with a Niton XRF instrument twice for a total of 260 readings the soil samples were collected on three parallel east-west lines, line 1 of 955 metres, line 2 of 1254 metres and line 3 of 1211 metres for a total of 3.42 line kilometres. The DeCoors work identified four zones anomalous in gold. A follow-up program of additional MMI lines to the north and south of the current lines and an Induced Polarization and magnetometer surveys is recommended. The purpose of the follow-up program is to locate targets for diamond drilling.

PROPERTY Location and DESCRIPTION

DeCoors Mining Corp. is the registered claim owner of 100% of the SID property. DeCoors has optioned to Garibaldi Resources through an earn-in agreement. The six mineral tenures that make up the property. The SID Property is located 22 kilometers northeast of Hazleton, British Columbia, in the Omineca Mining Division (Figure 1). Hazelton lies on Highway 16, the major corridor connecting the main city of Prince George to the deep-sea port of Prince Rupert. The nearest major supply and services center is the town of Smithers, located 70 kilometres south of Hazelton. Hazelton and the surrounding communities have a population of approximately 1500. Logging, mining, and tourism are the main economic activities in the area.

ARIS MapBuilder



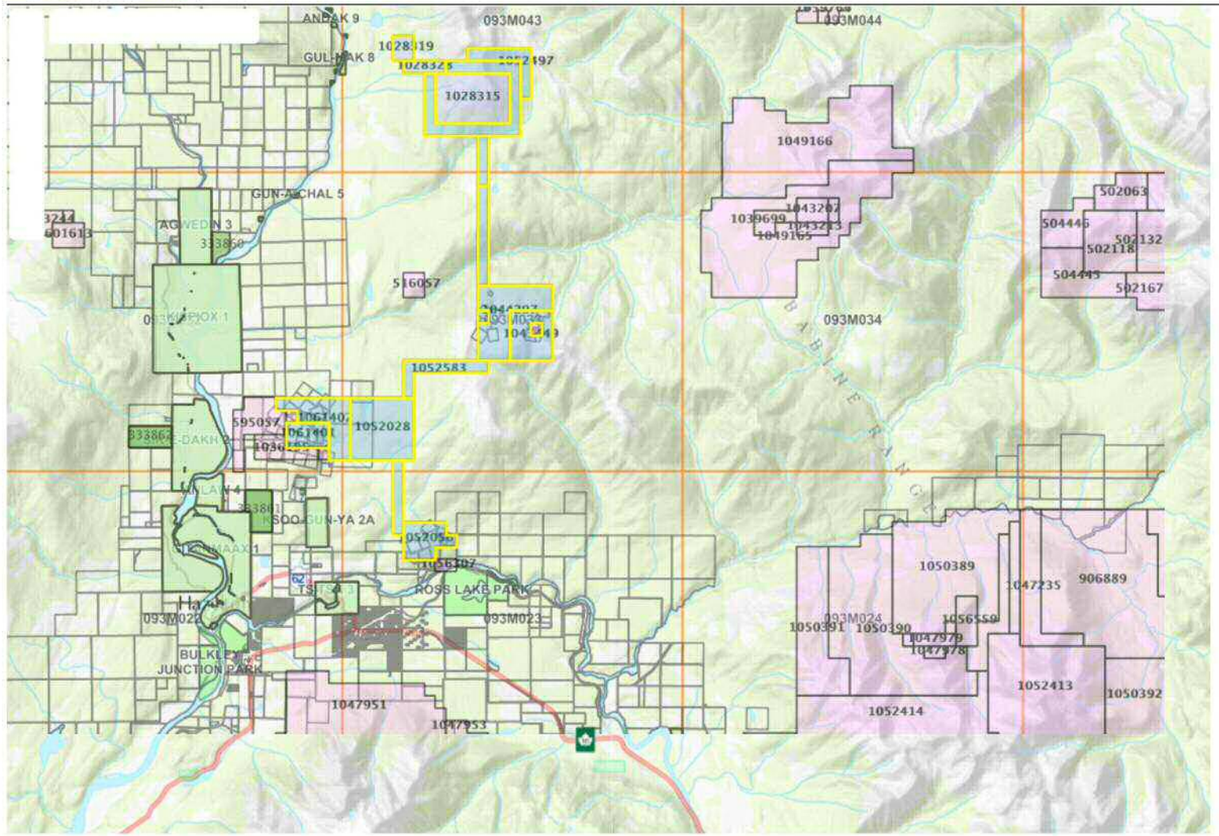
http://webmap.em.gov.bc.ca/mapplace/maps/minpot/CMB.MWF Monday, August 31, 2015 11:35 AM

FIGURE 1 SID PROPERTY LOCATION MAP

FIGURE 2 SID/SUNRISE CLAIM BLOCK

10/4/2018 MTO Map

BRITISH COLUMBIA **Mineral Titles Online**



Search Titles By Client

Type the client number to search for, then press the OK button. If the title is found, the map will highlight the title owned by client.

Client Number

146357

OK

Back

1:271K 2 km

BC Topo

https://www.mtonline.gov.bc.ca/mtov/map/mto/cwm.jsp?site=mem_mto_min-view-title 1/1

FIGURE 3 CLAIM MAP

TABLE 1 CLAIM TABLE

Tenure Number	Type	Claim Name	Good Until	Area
1028315	Mineral	SID	20200810	513.9941
1028319	Mineral	SID CR	20200810	73.4035
1028328	Mineral	SID CON	20200810	73.4124
1040004	Mineral	SC	20210521	18.3916
1040008	Mineral	SUNSET	20210521	18.3933
1043449	Mineral	SUN	20210512	275.9183
1044207	Mineral	SUNSET	20210512	459.7783
1050837	Mineral	SID RING	20180318	440.5661
1052028	Mineral	AMERICAN BOY	20180517	552.2879
1052056	Mineral	MOHAWK	20180518	221.1184
1052497	Mineral	SID NE CAP	20180612	165.1644
1052580	Mineral	SID TO SUN	20180615	147.0257
1052583	Mineral	SUN TO AB	20180615	184.0108
1052584	Mineral	AB TO MOWHAWK	20180615	110.5207
1052871	Mineral	LAST LINK	20180703	73.4634

Total Area: 3327.4489 ha

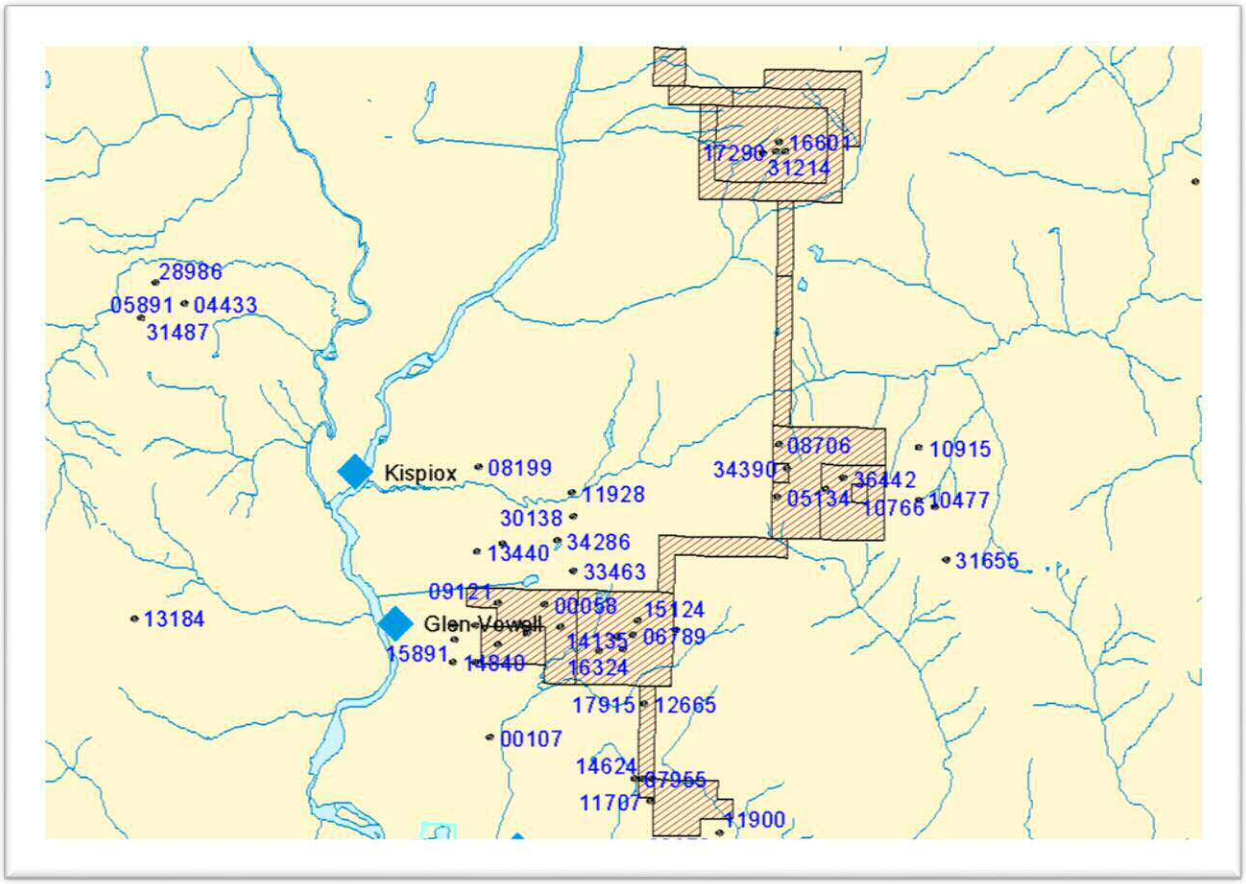


FIGURE 4 ARIS FILES

The SIDINA property consists of fifteen contiguous claims, numbered 1028315,1028319, 1028328,1040004,1040008,1043449,1044207,1050837,1052028, 1052056, 1052497, 1052580, 1052583, 1052584, 1052871 totaling 3327.45 hectares. The survey described in this report was conducted on claim number 1028328. The soil survey was on parallel east-west lines each consisting of 106 samples. The SID property is located approximately 22 kilometers north of the town Hazelton, British Columbia centred at Latitude 55º 25' 24" N and Longitude 127º 30' 59" W. (Figure 1). The property consists of five claims, with the SID claim forming the largest part of the claim block. Silverton past producer described in MINFILE 093M 038. The work done that is the subject of this report was also completed on the SID claim, Tenure number 1028315 (Figure 2). The property lies completely within the Omineca Mining Division.

ACCESS, TOPOGRAPHY, Climate and VEGETATION

The property is accessible by vehicle along highway 16 from Hazelton via a network of logging roads traversing the western boundary of the property along the banks of Skeena River or by helicopter from Smithers. The distance from the Sidina gold showings to the main logging road is 4.5 kilometres.
The property is situated at the southwest slope of Sidina Mountain and covers almost 2,000 hectares area ranging from 1035 meters to 1828 meters in elevation.

The topography of the property consists of subdued alpine terrain and deeply incised streams. Sidina Creek, West and East Creeks, as well as many others in the area flow throughout the field season, whereas some creeks are dry after July. Annual precipitation in the valleys ranges from 50 to 100 centimeters, with average summer temperatures around 15 degrees centigrade and winter temperatures ranging from -10 to -15 degrees Celsius. Valleys and mountainsides are forested up to about 1400 metres, with various mixtures of hemlock, spruce, cedar, balsam fir, balsam poplar, and lodge pole pine.

EXPLORATION HISTORY

ARIS Reports: SID Block 31214, 16601, 33250, 17290, 35559, 36196 Sunrise Block 08706, 34390, 36442, 28862, 05134, American Boy Block 15393, 15124, 17658, 06789, 10457, 08847, 16324, 31150, 17915, 12665, 07955, 16461, 14624, 11707
The Silverton prospect, located on the south side of Sidina Mountain had a short history of hand production dating back to 1981 which realized 250,655 grams of silver, 415 grams of gold, 9168 kilograms of lead, and 13,066 kilograms of zinc from 143 tonnes of ore (MINFILE 93M 038).

With the exception of several open-cuts and small pits there are no mining excavations on the property. The Silverton claim group was staked on the south slope of Cariboo Mountain by Long and McBain sometime prior to 1911. Early prospecting identified extensive, though scattered, mineralization.

In 1986, Paul Huel staked the Raven claims over the area of the former Silverton claim group and conducted a small sampling program.
From 1987-1988, Noranda Mining and Exploration Inc. conducted two work programs on the Raven claims which consisted of prospecting, geology, and geochemical surveys. The claims were allowed to

lapse and lay dormant until staked by Cadre Capital Inc. of Vancouver, B.C. acquired the present claims in 2005.

Between 1987 and 1988, Noranda Mining and Exploration Incorporated conducted two exploration programs on the Raven claims, including prospecting and geological and geochemical surveying. The conclusions and recommendations of that work were summarized in 1988 report by Noranda as follows: "A large number of quartz-arsenopyrite-sphalerite veins are found in and around granitic Bulkley intrusive and surrounding hornfelsed Bowser Lake Group sediments. High grades for Au-As-Ag-Zn mineralization occur, but over narrow widths (less than 0.3 m). One grab sample (26801) of a quartz-pyrite-arsenopyrite vein assayed 0.882 opt (30.2 gmt) gold and 2.28 opt (78.1 gmt) Ag. The best chip sample (26755) assayed 0.82 opt (28 gmt) Au over 27 cm with 3.09 opt (105 gmt) Ag. Further work should be directed to locating additional gold mineralization as lower grade, large tonnage disseminated or stockwork zones, or as higher grade veins of greater width than found so far on the claims".
The work that was recommended but never completed and the property was allowed to lapse.

The ground lay dormant until 2005, when Cadre Capital Incorporated staked new claims over the Sidina Creek area and the Nine Mile Mountain area to the south. The following year, Golden Sabre Resources optioned the claims and carried out a limited exploration program of rock sampling and soil grid geochemistry.

In 2009, Rio Minerals Limited started a gold exploration and evaluation program on the Sidina property on behalf of TAD Capital Corporation (later known as TAD Mineral Exploration Limited). Exploration consisted of rock sampling (47 samples), 30 metres of hand trenching, geological mapping, grid soil geochemistry (151 samples) and 15 kilometres of ground magnetometer geophysical surveying. Hand trenching and sampling were carried out over historic mineralized areas on the property. Geological mapping focused on an area along West Creek and selected areas of poor rock exposure. Soil sampling was conducted over a grid that extended eastward from West Creek and covered the former Silverton mine.

By 2012, claims to the west and north of the claim containing the Silverton occurrence had been dropped and the Sidina property was expanded to include additional claims covering the Nine Mile Mountain area to the south, formerly held by Cadre Capital. That year, Rio Minerals Limited conducted 2250 metres of grid surveys and collected 94 soil samples on a grid situated immediately north of the 2009 soil sampling grid.

Several narrow quartz-sulphide veins carrying elevated gold values were discovered. Rock sampling consisted mainly of chip and channel sampling across the true widths of exposed veins. The area of interest is situated between two deeply incised creeks that have been named West Creek and East Creek and this vein system was the focus of gold exploration by Noranda in 1987 and 1988. A total of twelve samples were collected from the vein exposures in the Camp Area. The samples returned gold values ranging from 0.87 to 52.48 g/t gold and from 2.4 to >100 g/t silver. The majority of the veins are striking northwesterly and have gentle dips to the northeast. True widths range from 6 to 47 cm. One of the newly discovered mineralized zones consists of two 25 cm thick veins separated by a 30 cm zone of altered monzonite host rock.

The vein dipping gently to the northeast contains relatively high pyrite and lesser arsenopyrite (723352). The later vein returned 52.48 g/t gold and greater than 100 g/t silver - the highest gold assays obtained in from the 2009 program.

In 1988, Noranda had exposed one of the centrally situated veins via trenching. Re-exposure of this trench has resulted in the documentation of a 127 metre quartz-sulphide vein striking 346º. Several locations of this trench were re-excavated for sampling using hand tools (samples 723353-723359 and 723368.

The vein is dipping to the east-northeast at a 044º angle and ranges in width from 15 to 35 cm. Four channel samples returned an average weighted content of 3.74 g/t gold and 9.13 g/t silver. One sample from a silica-sulphide cemented fault fracture returned 3.62 g/t gold and 6.4 g/t silver across 6 cm (723356).

A large area situated between the headwaters of West and East Creeks contains a minimum of eight widely scattered veins. Most of the veins have widths to 19 cm. All veins are hosted by the hornfelsed sediments. Six of the veins were found during a prospecting traverse in September of 2009. A total of nine channel samples was collected from the vein exposures in the North Area. The samples returned gold values ranging from 5.8 ppb to 21.35 g/t gold and from 22.8 to 41.9 g/t silver (samples 723386-723395).

In one location, a horizontal quartz-sulphide vein follows the footwall of the monzonite dyke. It is 10 to 19 cm thick and contains 30% arsenopyrite and 5% pyrite. The strike extension of this vein traverses the East Creek at the 1655m elevation where it is offset by a north-easterly trending, sub-vertical fault. The vein averages 6.7 g/t gold and 15.90 g/t silver from two channel samples collected (samples 723387 and 723389). A short distance further to the west, another dyke hosts a 10 cm vein that returned 21.35 g/t gold and 41.9 g/t silver (sample 723388).

A major fault along the West Creek follows the margin of a 15-metre wide dyke. The fault is steeply dipping to the southeast and is well exposed along the West Creek gorge at the 1565m elevation. Fifty metres east of this location, two minor quartz veins were exposed by digging through a shallow soil horizon. The veins are 8 and 12 cm thick and average 5.6 g/t gold and 26.7 g/t silver. Both veins strike roughly east-west while dipping in opposite directions (samples 723393 and 723394). Five quartz-sulphide veins located in the 1980's outcrop over an area measuring 70 x 70 metres situated within the southwest part of the thermal aureole. The veins have widths ranging from 8 to 12 centimeters and contain on average 15% sulphides and consist mainly of arsenopyrite. The veins are striking to the northeast and are dipping southeast at various angles. Five samples collected from these veins produced grades ranging from 2.94 g/t to 8.84 g/t gold and from 8.3 g/t to 26.3 g/t silver (723387-723383).
The West Creek forms the best continuous rock exposure centered on the Sidina intrusion. A major fault follows the creek along the west bank. The outcrops reveal fracturing along the north-south trending subsidiary structures.

Five mineralized veins ranging from 6 to 30 cm in width were found along the sides of this creek. Two previously undocumented veins were sampled at the 1500m elevation. One vein was sampled in two locations across true widths of and 30 cm (samples 723364 and 723376 respectively). The samples produced an average weighted value of 7.64 g/t gold and 71.8 g/t silver. The vein strikes to the west and is dipping to the north at 055º. A series of narrow mineralized veins (1.5cm in width) is present in the

hanging wall monzonite across a 2 metre width. A total field magnetic survey was conducted over 15km of grid during the 2009 program, and 5km of grid during the 2010 program. The survey was conducted using two Gem GSM-19 v5.0 Overhauser System total field magnetometers. Magnetometer readings drop to the east of East Ck, which roughly correlates with the well-defined granite-monzonite stock (GM)/hornfels (HFS) boundary. Magnetometer readings over the granite-monzonite stock (in the west and central portion of the grid area), are about 50-150 nT higher than the hornfels (in the east portion of the grid area). There are several 100-200 nT positive anomalies (L 42750 N, stn 93300 E and 93400 E), which may be caused by a change in lithology, alteration and/or structure. The positive peaks do occur on topographic highs and should be trenched to find the cause of the magnetometer anomalies.
There are numerous magnetic lows (25-75 nT below average) that occur as 50-100 meter diameter spots (not interconnected). There is a cluster of magnetometer low reading 'spots' on West Creek, which appears to correlate with the location of a large scale regional fault along West Creek that is trending northeast and dipping moderate-steep northwest.

In September-October, 2010 Rio Minerals Limited commenced a program of six drillholes for 804 meters of diamond drilling and geochemical evaluation of half split NQ diameter drill core on behalf of TAD Mineral Exploration Ltd.
Note- SD10DDH-1 to 5 located at Camp Zone and SD10DDH-6 located at West Ck Zone. Drilling was technically successful in continuous coring across 0.3-1.1 meter interval lengths of quartz-sulphide zones. Core recovery was good-excellent and RQD (rock quality determination) overall was very high.

In 2014 DeCoors Mining Corp. conducted an MMI soil geochemistry survey on two parallel east-west lines in the Camp zone. The survey detected anomalous values in copper, gold, arsenic and silver. The rock geochemistry and MMI values indicate significant mineralization. The geology suggests a intrusive related vein deposit similar to the Silverton past producer. Arsenopyrite is documented in the geological description associated with gold, galena is also reported accounting for the lead and silver values. Cobalt is also anomalous in some samples implying a mafic component to some of the rocks. The general geology lists a monzonite intrusive surrounded by argillite sedimentary rocks. The known mineralization is associated with structurally controlled quartz veins however, due to the proximity to the intrusive it is possible that the veining is related to a mineralized porphyry intrusive at depth. The high sulphide content reported from the rock description implies supergene enrichment of metals associated with the mineralizing intrusive. Although the main mineralizing veins strike northwest there appears to be a second set of orthogonal veins that indicate a stockwork and/or intrusive related breccia veining associated with a mineralizing monzonite porphyry.

A resistivity geophysical survey was conducted in 2016 by DeCoors Mining Corp. to test the response from the known arsenopyrite veins and locate potential unknown veins.

American Boy

30854 A VLF EM survey was conducted to locate mineralized veins. Silver Standard believed that two porphyritic granodiorite stocks are probably the source of the mineralization on this property. Some twenty quartz silver veins on the property were mined for 75 years on and off closing in 1989.

14195 Describes a Questor Mark IV helicopter-borne EM survey. The conductive responses are most likely related to conductive sedimentary rocks in the area such as argillite and phyllite.

12240 and 13769 Tri-Con soil geochemical survey indicate a north-south trend of anomalous values on the west side of the property.

Geology

The Silverton occurrence is situated on the south side of Sidina Mountain, 21 kilometres north-northeast of Hazelton.

The area is underlain by hornfelsed sediments of the Middle Jurassic to Upper Cretaceous Bowser assemblage. Granite and monzonite of the Late Cretaceous Plutonic Suite intrude Bowser-Skeena sediments. The intrusive stock has an elongated shape measuring 4 kilometres from northwest to southeast and approximately 2 kilometres across. Localized trace pyrite and lesser arsenopyrite and sphalerite are found within the stock. Gold-mineralized quartz veins occur at the southeastern margin of the pluton cupola. Multiple generations of porphyritic monzonite and porphyritic rhyodacite dikes occur along the metamorphic aureole and within the surrounding sediments.

At the Silverton occurrence, the host rock is primarily a small (approximately 600 metres in diameter), medium-grained intrusive stock of granite to granodiorite composition of the Late Cretaceous Bulkley Intrusions. The small stock is believed to be part of the larger Late Cretaceous Plutonic stock. The granitic rocks intrude variably hornfelsed clastic sediments of the Middle Jurassic to Lower Cretaceous Bowser Lake Group, which include argillite, siltstone and sandstone. The layered rocks are folded into a north-south–trending syncline in the area of the showings.

A series of narrow, gold-silver–bearing quartz veins are hosted by a small granodiorite plug and adjacent hornfelsed clastic sedimentary rocks. Minor molybdenite mineralization is present in molybdenite-pyrite pink feldspar veinlets in the intrusive. A rusty hornfels, with well-developed pyrite-pyrrhotite pods, is developed in the sediments adjacent to the intrusive.

A rusty hornfels, with well-developed pyrite-pyrrhotite pods, is developed in the sediments adjacent to the intrusive. The gold-silver mineralization is found in several quartz-arsenopyrite-pyrite-sphalerite-galena-tetrahedrite veins up to 0.3 metre in width.

The highest assay was from a 10 centimetre wide sample which assayed 30.2 grams per tonne gold, 78.2 grams per tonne silver and 21.2 per cent arsenic; grab samples assayed as high as 8.36 per cent zinc (Assessment Report 17290).

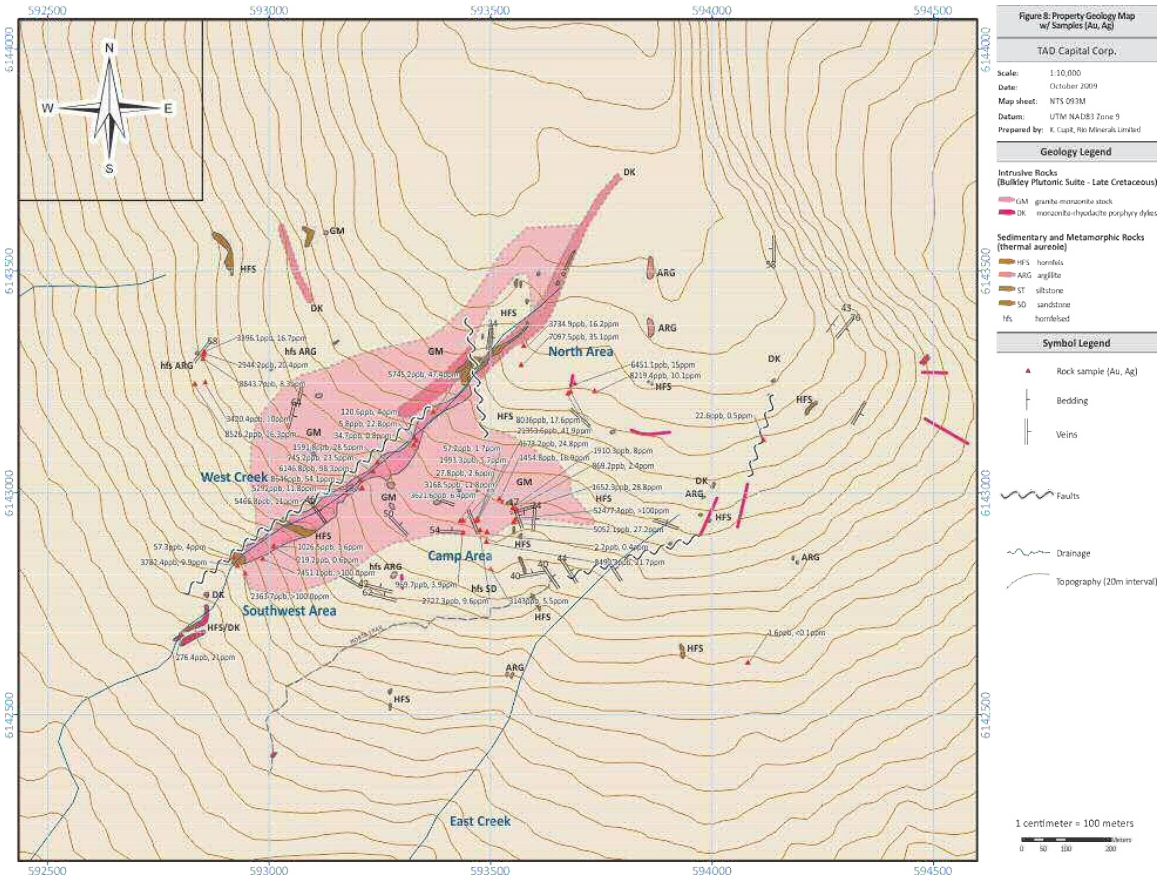


FIGURE 5 SID LOCAL GEOLOGY MAP

Mineralization

Gold, silver, copper, lead, and zinc-bearing sulphides are associated with late-stage quartz veining in fault/fissure/shear zones veins. The veins appear to be persistent over considerable strike lengths (>100 meters). The veins are hosted by Cretaceous Bulkley Plutonic Suite (monzonite, quartz monzonite to granite), and extend into the surrounding country rock that consists of hornfels sediments of Middle Jurassic-Late Cretaceous Bowser-Skeena Group. Veins trend west-northwest and northwest (dipping shallow to moderate north) whereas the regional faults trend northeast and are steeply dipping, suggesting the quartz-sulphide veins are tensional (or dilational) pull-apart structures and late-stage infilling of residual metal-enriched hydrothermal fluids.

The mineralization observed to date has two mineralogical characteristics that impact the precious metal grades:

- mineralization dominated by arsenopyrite-pyrite banded intergrowths
- mineralization dominated by banded arsenopyrite with minor pyrite-galena-sphalerite-tetrahedrite at the vein margins.

Locally, the veins carry small amounts of copper sulphides that include tetrahedrite. There are a minimum of nine narrow, shallow dipping, quartz-sulphide veins present over the “Camp Area” which to date measures 130 x 150 metres. The area has minimal rock exposure although the depth to bedrock is relatively shallow.

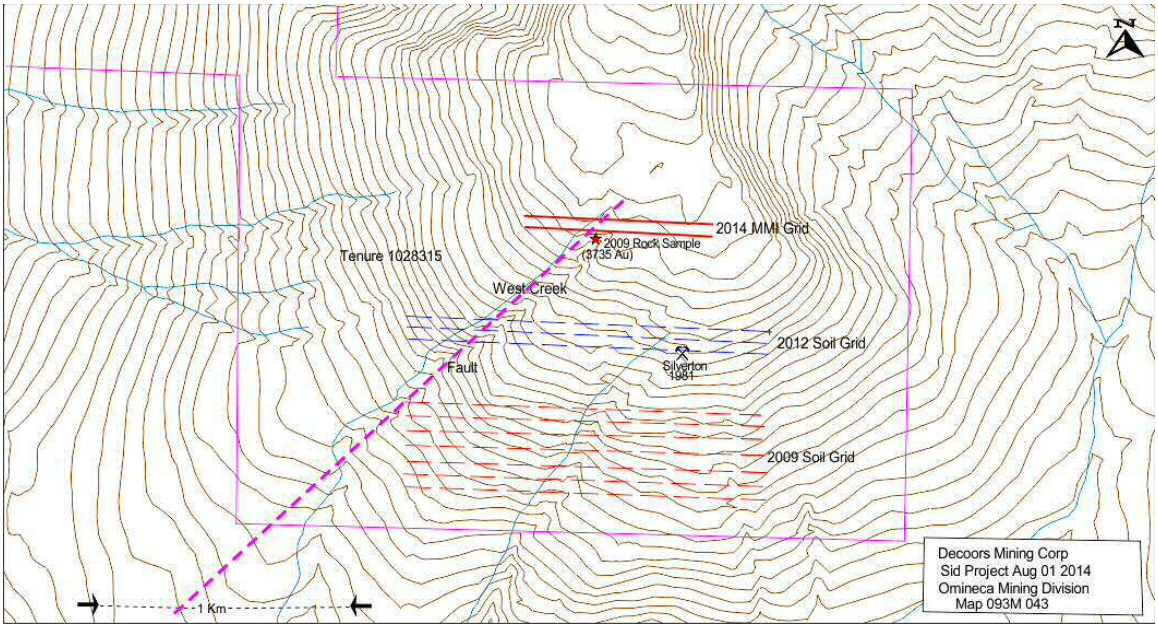


FIGURE 6 LOCATION OF PREVIOUS SOIL SAMPLING SURVEYS; 2009, 2012 AND 2014

Work Done 2017

Induced Polarization SID Block

10.4 line kilometers IP and MMI were conducted on the SID block was on claim number 1028315.

On American Boy block the IP covered 4 line kilometers on claim 1052028.

Induced Polarization Survey

An induced polarization survey was conducted on ten lines between May 24 and June 23, 2017. MMI sampling was also undertaken over selected anomalies located during the geophysical survey. A crew of six conducted the exploration work. The program was supervised on site by John Buckle, P.Geo. and made up of Matt Fraser, James Fraser, Jeremy Hanson G.I.T., Luke Wasylyshyn G.I.T., Josh Hanson and Ryan Dix, and alternate field assistant Chaserton Louie. Total of 10.1 line kilometers of IP data was recorded and 176 MMI soil samples were collected on Sidina Mountain grid and 4 line kilometers on the American Boy grid.

Plan maps and pseudosections are presented in Appendix A:

Soil Samples

Soil samples were collected on the ten parallel east-west IP lines, spaced 100 meters apart with samples taken at 25 meter intervals and on a north-south line crossing these lines. A total of 176 soil samples

were collected from the B horizon from pits dug with a small shovel. The samples were placed in paper soil sample bags and dried in the camp. The samples were analyzed with a handheld Thermo Scientific™ Niton™ XL3t XRF Analyzer manufactured by ThermoFisher Scientific. The field crew was certified for field operation of XRF instruments by NRCAN National Non-Destructive Testing Certification Body (NCB) CGSB 48.9712 Certification.

Portable XRF is used frequently in mining and exploration projects. The study of a large number of geological samples in this project shows that assay results from this method not only have high correlation with lab data, they complement the lab data and provide a fast and effective method for sample sorting, saving money and time. In addition, the geochemical anomalies of base and precious

metals as well as light elements (such as S and Al) can be identified readily in real time onsite using portable XRF. (Somarin, A.K.)

The Niton analyzer, was used to provide lab-quality results in the field. The Niton allowed for high speed and sample throughput to ensure that samples which are sent to a laboratory are representative of the local geochemical values.

The MMI samples were sent to SGS Laboratories in Burnaby, B.C. for analysis. Plan maps and assay certificates are presented in Appendix B:

Interpretation

Soil Sampling XRF Interpretation

Copper values on line 61428900 from station; 593750 to 593900 are anomalous in copper, arsenic, silver and gold. Of These the copper map is the most indicative. The XRF measurements are more accurate for higher quantities of elements. Copper and arsenic are the best for defining anomalous zones. Elevated values in copper and arsenic extend across all the lines however the zone is most evident on line 6148900 and line 6149100. On line 6149100 between station 593000 and 593100 values of gold, silver and copper are anomalous.

Handheld XRF (X-ray fluorescence) analyzers provide a fast, accurate, and non-destructive identification of minerals. The analyzer works by emitting a high energy X-ray beam powerful enough to displace electrons from the inner orbital shells of atoms. This displacement occurs when the X-ray beam energy is higher than the binding energy of the electrons. When a displacement occurs the atom becomes unstable. The atom immediately corrects this by electron fluorescence - or, in simpler terms, by having an electron from an outer shell move down to the vacancy in the inner shell. The movement of the electron from an outer shell to an inner shell results in a loss of energy. The amount of energy loss is equal to the difference in energy between the two electron shells, which is determined by the distance between them. This distance is unique to each element. Therefore, by measuring the amount of energy lost the XRF can determine which element(s) are fluorescing and in what amounts.

In the field the XRF was used to obtain real-time data while prospecting. It was also used on soil samples in order to get immediate results. Two modes were used: a mining mode for rocks and a soils mode for soils. Each prospective rock was analyzed for 60 seconds. The soil samples were analyzed twice @ 60

seconds each. This time length allowed for both accuracy and efficiency. While positive Au results are extremely scarce (Au often occurs in too minute of quantities), the XRF is an excellent tool for identifying and following up on pathfinder elements as well as precious metals such as copper, lead, and zinc. The XRF unit was used to pre-screen the MMI soils. The XRF measurements have not been presented in this report as the MMI soil analysis is more accurate.

Ten east-west IP lines at a nominal line separation of 100 meters from 6143540.0 to 6143540.0 were measured with a dipole separation of 25meter reading n=1 to n=8.

Conclusions

The soil and rock samples have identified multiple anomalous zones between East Creek and West Creek. The highest values are associated with quartz-sulphide veins. The area of the anomalies is wide-spread and it is reasonable to assume that there are many other mineralized veins remain undetected under soil cover. The 2017 induced polarization survey identified a strong anomaly in both chargeability and resistivity near the top of Sidina mountain. The anomaly forms an oval with low resistivity centre and a high chargeability rim. The very high values of chargeability and very low resistivity in the centre of the oval.

The following images are illustrations of the interpretation of the geophysical and geochemical results from the 2017 work. **Detailed maps are presented in the Appendices.**

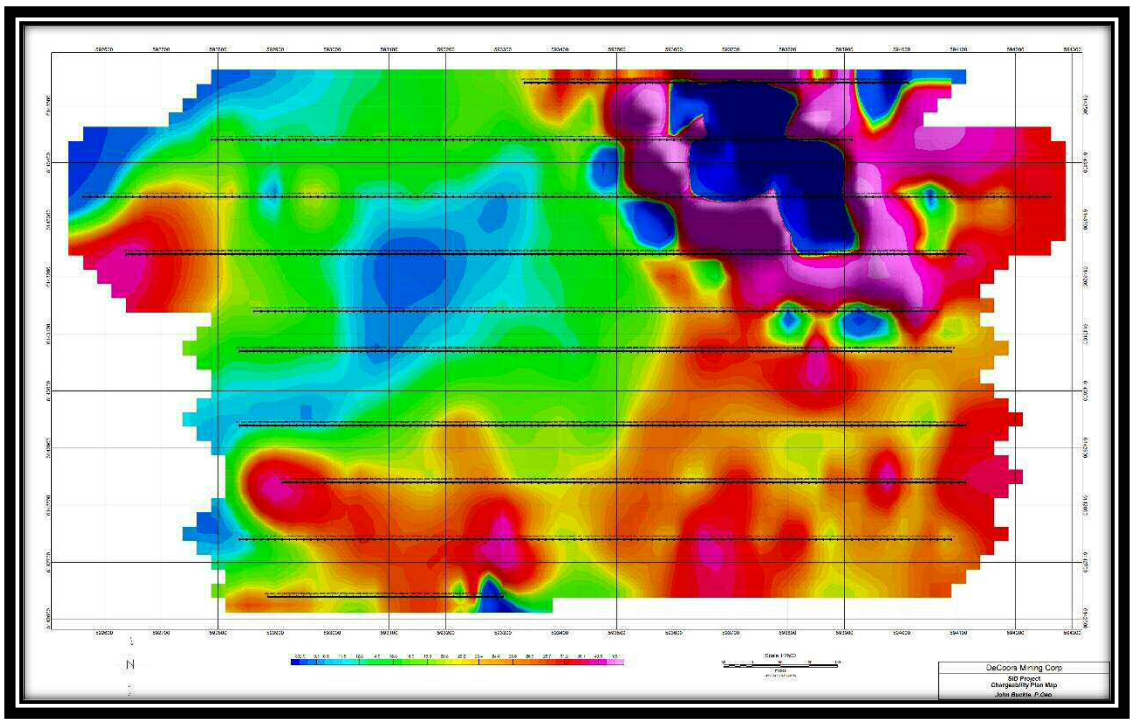


FIGURE 7 CHARGEABILITY SHADOW MAP

Figure 1 is a shadow colour contour map of the chargeability values from the SID project. The area of interest is the north-east quadrant of the map. A detailed map of chargeability is presented in Appendix A:

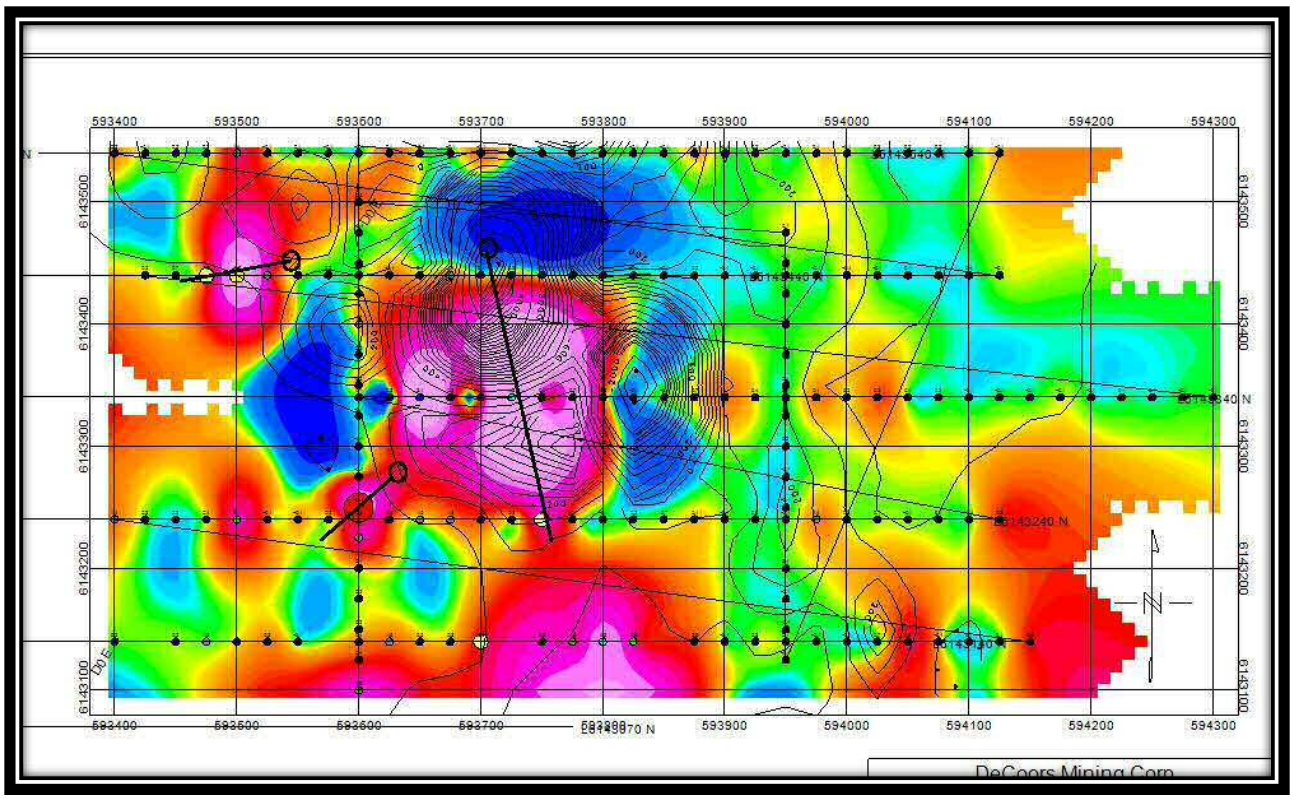


FIGURE 8 ARSENIC COLOUR GRID, CHARGEABILITY CONTOURS, GOLD SYMBOLS

Figure 2 is a compilation map for illustration purposes with arsenic colour contour background with IP chargeability contours in black with MMI gold values as colour/size symbols. Three preliminary holes are suggested on this map.

The chargeability values are very high. There are few possible causes for these extremely high chargeability values, 1. Graphite, 2. High volume of disseminated to massive sulphides especially arsenopyrite. Of these two possibilities, graphite is unlikely due to the shape and orientation of the anomalies and the MMI values indicating metals associated with the anomalies, sulphides on the other hand often form in pods as are apparent on figures 4, 5 and 6. The resistivity values are also low, figure 5 shows bodies formed by uniform surface of 50 ohm-m and figure 6 is an isosurface of 10 ohm-m. 10 ohm-m is the range for massive sulphides.

This is preliminary and more work needs to be done to select exact coordinates of the collar, the azimuth and dip of the hole. It is highly recommended that an IP line be run over on the azimuth of the proposed holes prior to establishing the final locations for the drillholes.

Preliminary Recommended drill holes

WGS 84 Zone 8

1. 165° Az 593705 E 6143467 N -45°

2. 260° Az 593543 E 6143455 N -60°

3. 230° Az 593630 E 6143282 N -70°

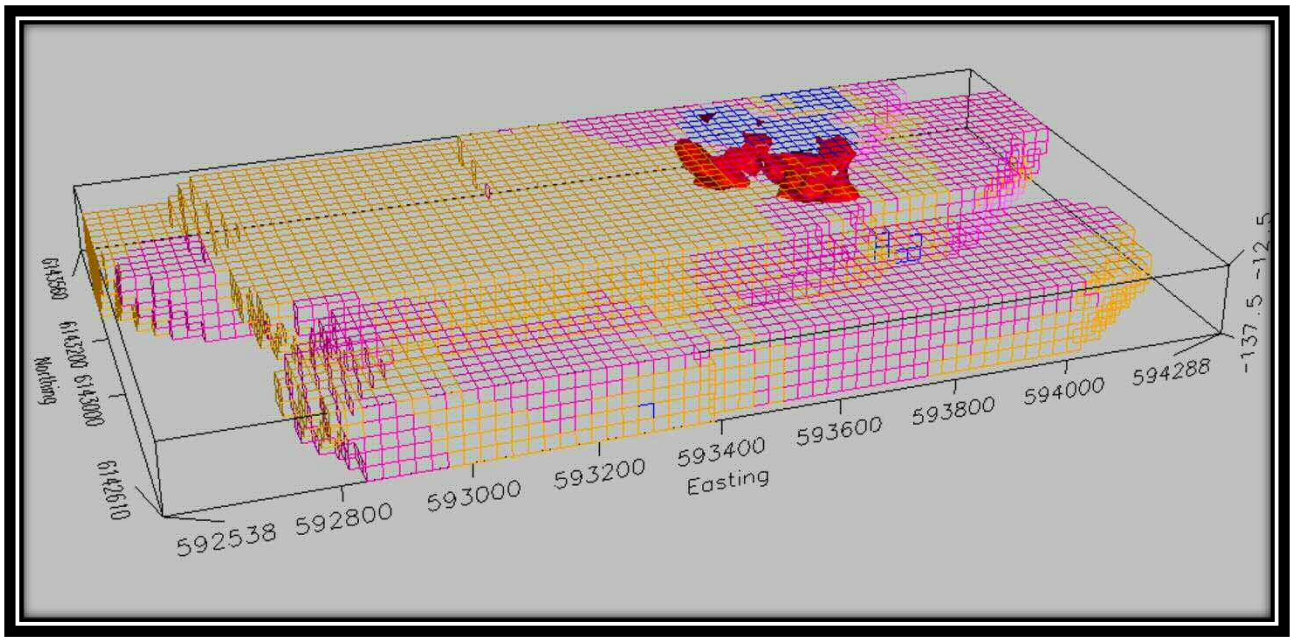


FIGURE 9 3D CHARGEABILITY VOXEL WITH 300 MV/V ISOSURFACE IN RED

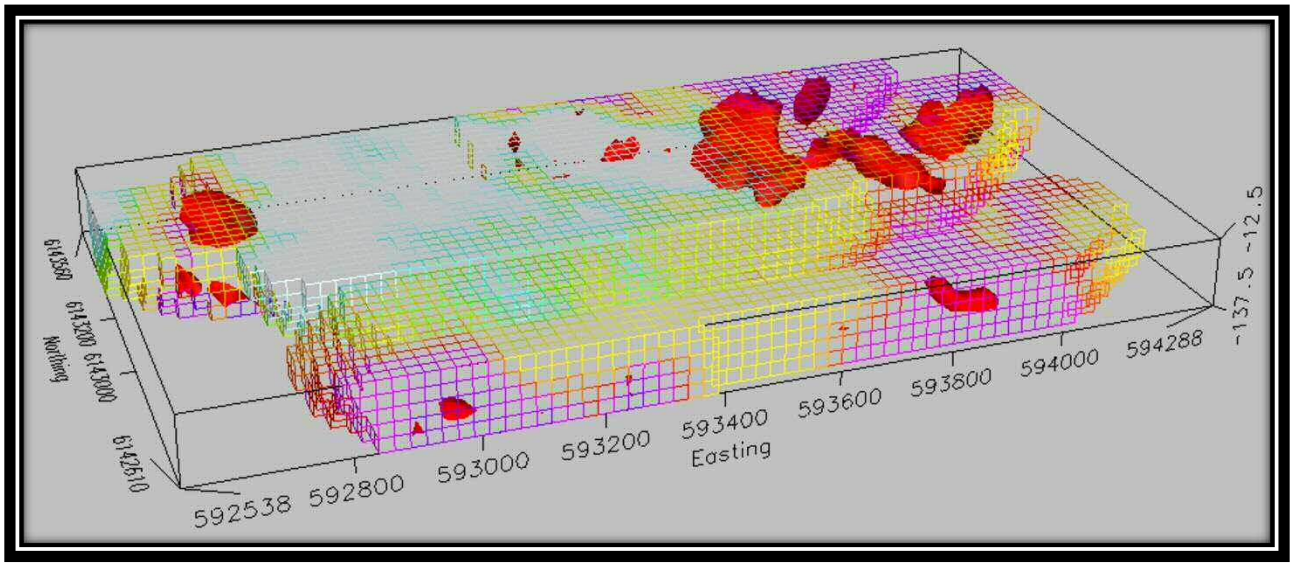


FIGURE 10 3D RESISTIVITY VOXEL WITH 50 OHM-M IN RED

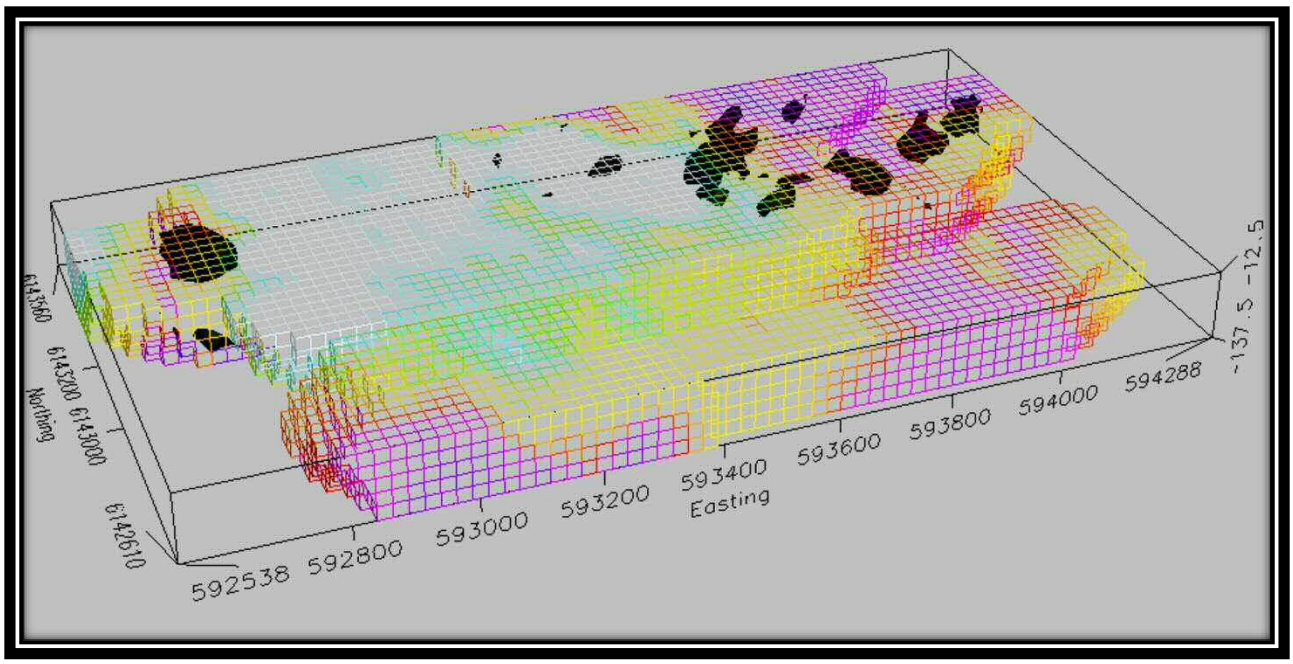


FIGURE 11 3D RESISTIVITY VOXEL WITH 10 OHM-M ISOSURFACE

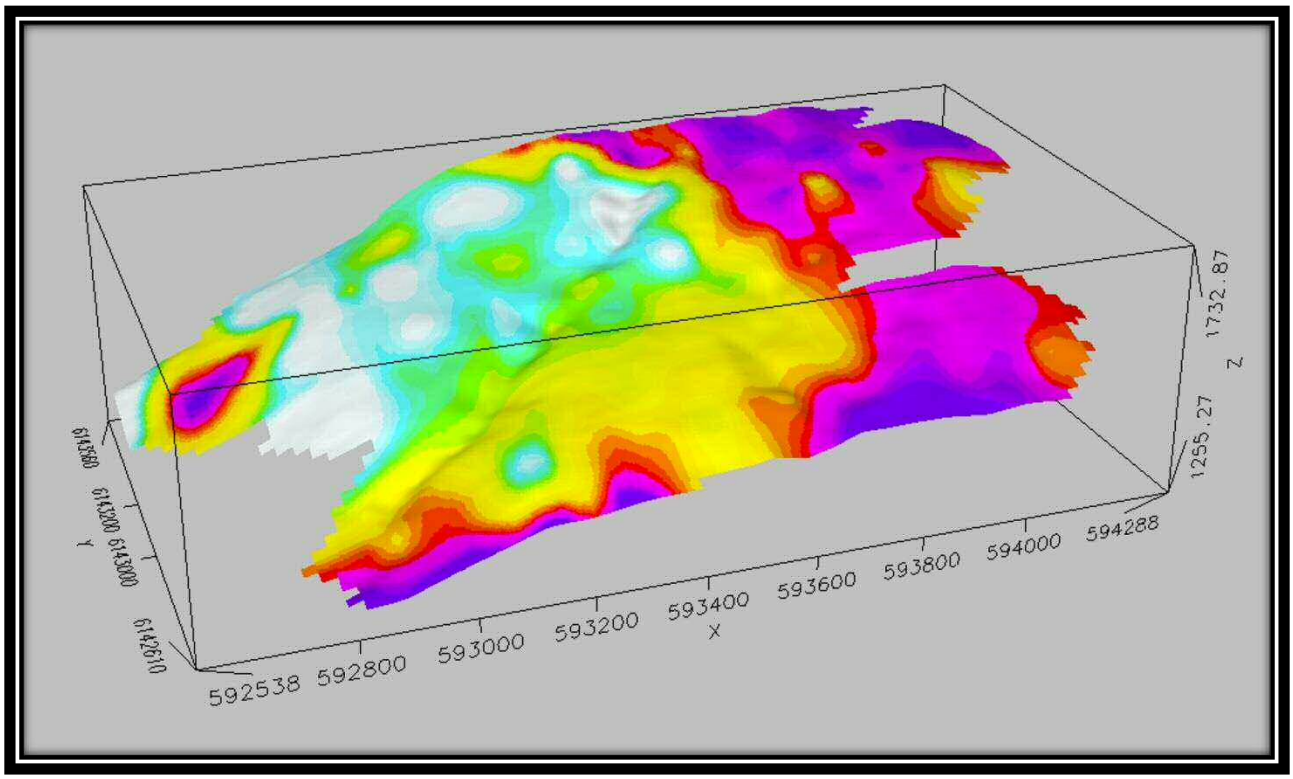


FIGURE 12 RESISTIVITY DRAPED ON TOPOGRAPHY

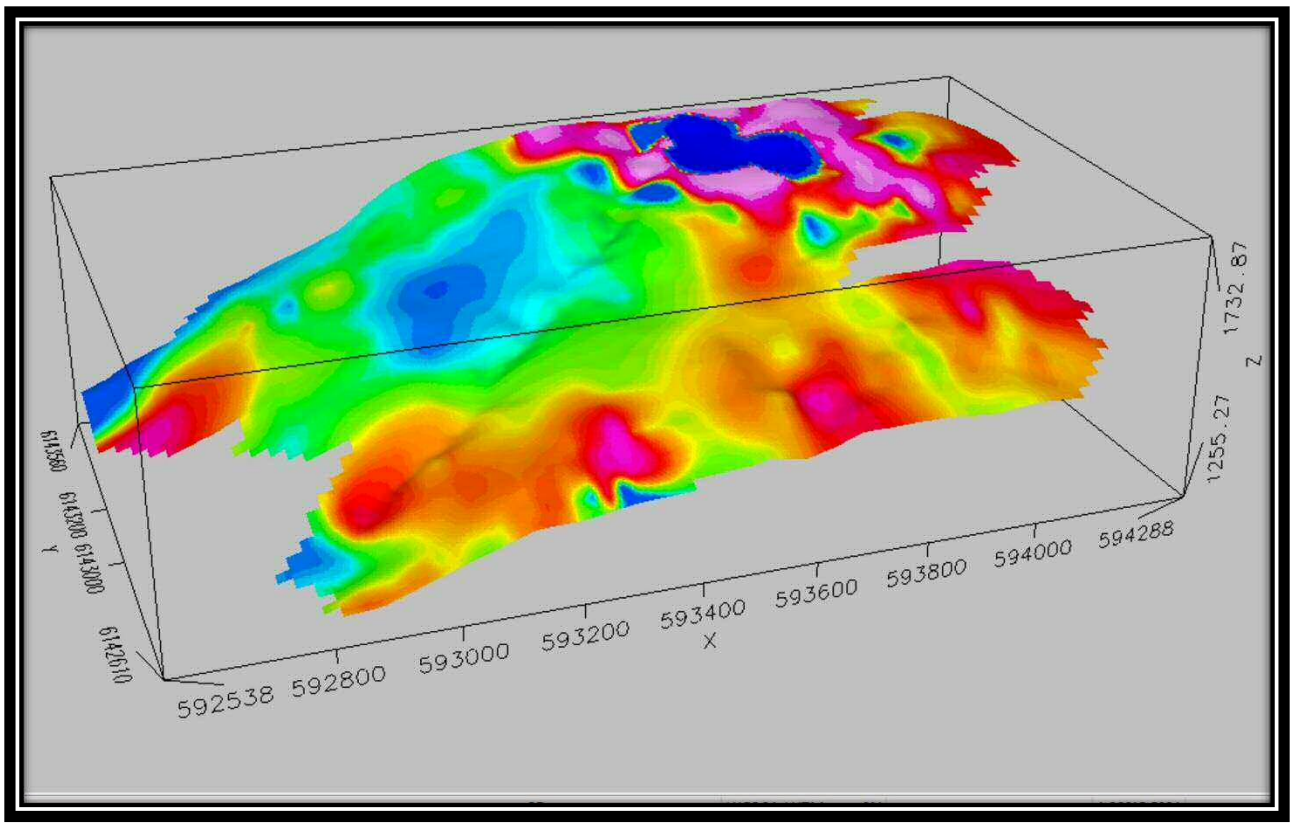


FIGURE 13 CHARGEABILITY DRAPED ON TOPOGRAPHY

Recommendations

Diamond drill testing of the coincident chargeability and MMI anomaly is recommended. A four hole program with drillholes up to 250 meters. The holes should focus on the west rim of the oval anomaly located in the north east quadrant of the IP survey. Four drillholes would adequately identify the source of the low resistivity central core of the anomaly and verify the high chargeability associated with anomalous MMI values in gold and copper. It is further recommended at an Induced polarization survey with dipole-dipole IP with a 50 meter dipole separation be run over the proposed drill collar sites prior to drilling.

Budget

TABLE 2 TABLE OF ESTIMATED BUDGET

Geophysics	3 l-km	@ $3,500/l-km	$10,500
Diamond Drilling	1000 meters	@ $250/m	$250,000

Camp, transportation, contingency	20 days	@ $200/man/day $1,000/dayX100	$100,000
Core logging, cutting sampling, handling	20 days 2 geo, +3 techs.	@ 2000	$40,000
Helicopter	5 hrs	@ $2,000/hr	$10,000
Admin/reporting	5 days	@ $1,000	$5,000
Total Budget			$415,500

Work Done

Work was undertaken between May 23 and June 30 a six man crew worked for 38 days at Sidina, Sunrise and American boy prospects.

MAY	John Buckle	Ryan Dix	James Fraser	Matt Fraser	Jeremy Hanson	Josh Hanson		
23	Sid (mob)	Sid (mob)						
24	Sid (org)	Sid (org)		Sid (mob)	Sid (mob)			
25	Sid (org)	Sid (org)	Sid (mob/ org)	Sid (org)	Sid (org)	Sid (mob/org)		
26	Sid (heli/b uild)	Sid (heli/bui ld)	Sid (heli/b uild)	Sid (heli/build)	Sid (heli/build)	Sid (heli/build)		
27	Sid (build)	Sid (build)	Sid (build)	Sid (build)	Sid (build)	Sid (build)		
28	Sid (IP - L1 start) * T	Sid (IP - L1 start)	Sid (IP - L1 start)	Sid (IP - L1 start)	Sid (IP - L1 start)	Sid (IP - L1 start)		
29	Sid (IP - L1 850m) * T	Sid (IP - L1 850m)	Sid (IP - L1 850m)	Sid (IP - L1 850m)	Sid (IP - L1 850m)	Sid (IP - L1 850m)		

30	Sid (IP - L1 finish/ L2 start) * T	Sid (IP - L1 finish/L 2 start)	Sid (IP - L1 finish/ L2 start)	Sid (IP - L1 finish/L2 start)	Sid (IP - L1 finish/L2 start)	Sid (IP - L1 finish/L2 start)		
31	Sid (IP - L2 900m) * T	Sid (IP - L2 900m)	Sid (IP - L2 900m)	Sid (IP - L2 900m)	Sid (IP - L2 900m)	Sid (IP - L2 900m)		
JUNE	John Buckle	Ryan Dix	James Fraser	Matt Fraser	Jeremy Hanson	Josh Hanson	Luke W.	Chaseton L.
1	Sid (IP L3 start) * T	Sid (IP L3 start)	Sid (IP L3 start)	Sid (IP L3 start)	Sid (IP L3 start)	Sid (IP L3 start)		
2	Sid (IP L3 finish) * T	Sid (IP L3 finish)	Sid (IP L3 finish)	Sid (IP L3 finish)	Sid (IP L3 finish)	Sid (IP L3 finish)		
3	Sid (IP L4 start) * T	Sid (IP L4 start)	Sid (IP L4 start)	Sid (IP L4 start)	Sid (IP L4 start)	Sid (IP L4 start)		
4	Sid (IP - L4 finish) * T	Sid (IP - L4 finish)	Sid (IP - L4 finish)	Sid (IP - L4 finish)	Sid (IP - L4 finish)	Sid (IP - L4 finish)		
5	Sid (IP - L5) start * T	Sid (IP - L5) start	Sid (IP - L5) start	Sid (IP - L5) start	Sid (IP - L5) start	Sid (IP - L5) start		
6	Sid (IP - L5) * T	Sid (IP - L5)	Sid (IP - L5)	Sid (IP - L5)	Sid (IP - L5)	Sid (IP - L5)		
7	Sid (IP-L5 finish & Mob Out) * T	Sid (IP-L5 finish & Mob Out) * T	Sid (IP-L5 finish & Mob Out) * T	Sid (IP-L5 finish & Mob Out) * T	Sid (IP-L5 finish & Mob Out) * T	Sid (IP-L5 finish & Mob Out) * T	Sid-Mob in	Sid- Mob in
8	Mob back to Vancouver	Sid (IP - L6)	Sid (IP - L6)	Sid (IP - L6)	Sid (IP - L6) * T	Sid (IP - L6)	Sid (IP - L6)	Sid (IP - L6)
9		Sid	Sid	Sid	Sid	Sid	Sid	Sid

10		Sid	Sid	Sid	Sid	Sid	Sid	Sid
11		Sid	Sid	Sid	Sid	Sid	Sid	Sid
12		Sid	Sid	Sid	Sid	Sid	Sid	Sid
13		Sid	Sid	Sid	Sid	Sid	Sid	Sid
14		Sid	Sid	Sid	Sid	Sid	Sid	Sid
15		Sid	Sid	Sid	Sid	Sid	Sid	Sid
16		Sid	Sid	Sid	Organize/ Ranger	Sid	Sid	Sid
17		Sid	Sid	Sid	Organize	Sid	Sid	Sid
18		Sid	Sid	Sid	Organize	Sid	Sid	Sid
19		XRF	XRF	Organize/laundry	Scout Am. Boy	Organize/XRF/reels	Scout Am. Boy	Organize /Pins
20		XRF/organize	XRF	Organize/laundry/receipts	Organize/ Ranger tune up	Organize	Organize	Organize
21		Start L1 AB	Start L1 AB	Send MMI/start L1 AB	Mob out	Start L1 AB	Start L1 AB	Start L1 AB
22		Finish L1/Layout L2	Finish L1/Layout L2	Finish L1/Layout L2		Finish L1/Layout L2	Finish L1/Layout L2	Finish L1/Layout L2
23		L2	L2	L2		Start L2/Mob out	L2	L2
24		L3	L3	L3			L3	L3
25		Finish L3/Start l4	Finish L3/Start l4	Finish L3/Start l4			Finish L3/Start l4	Finish L3/Start l4
26		L4	L4	L4			L4	L4
27		L5	L5	L5			L5	L5
28		L6	L6	L6	Mob Back		L6	L6
29		MMI	MMI	Prospect	Prospect		MMI	MMI

References:

Assessment Report 16601 *PROSPECTING, GEOLOGY and GEOCHEMISTRY of the PINENUT PROPERTY*, Myers, D., 1988, Noranda Mining and Exploration Inc., 1988

Assessment Report 17290, 1988, *ASSESSMENT REPORT GEOLOGY AND GEOCHEMISTRY PINENUT PROPERTY Raven 1-6, Silverton 1-2 Claims Record Numbers 7880-7885, 8254-8255*, Noranda Mining and Exploration Inc.

Assessment Report 28862, *GEOLOGICAL and GEOCHEMICAL REPORT on the AMERICAN BOY, SUNRISE-SILVER CUP, SIDINA-SILVERTON and MOWHAWK PROPERTIES*, Thomson, G. 2007, Golden Sabre Resources Limited

Somarin A.K., Lopez R., Herrera M., Güiza-González S., GAC-MAC Poster Paper, Application of the Thermo Scientific Portable XRF Analyzer in Geochemical Exploration: An Example from the Francisco I. Madero Zn– Pb–Cu–(Ag) Deposit, Zacatecas, Mexico Thermo Fisher Scientific, Billerica, MA, USA 2 Peñoles Minera Madero SA de CV, Zacatecas, Mexico 3 Peñoles Exploration Division, Zacatecas, Mexico

https://tools.thermofisher.com/content/sfs/brochures/Mining-Exploration-Geochemical-Analysis-of-Mining-Samples-with-NitonXL3tGOLDD.pdf

Assessment Report 31214, *GEOLOGICAL REPORT on the SIDINA GOLD-SILVER PROJECT*, Thomson, G., 2009, TAD MINERAL EXPLORATION LTD.

Assessment Report 33250 *GEOCHEMISTRY REPORT on the SIDINA PROJECT*, Strickland, D., 2012, TAD MINERAL EXPLORATION LTD. MINFILE 093m 038, *SILVERTON, PINENUT, RAVEN* Geotronics MMI data, Mark, D., 2014

Certificate of Author

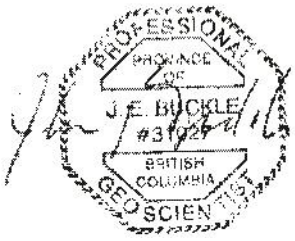
I, JOHN E. BUCKLE, do hereby certify that: I am registered as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of the Province of British Columbia #31027 (Geophysics). I am registered as a Professional Geoscientist with the Association of Profession Geoscientists of Ontario #0017.

I am a Consulting Geoscientist of Geological Solutions.

I further certify that:
I am a graduate of the York University (1980) and hold a B.Sc. degree in Earth Science.
I have been practicing my profession for the past 32 years, and have been active in the mining industry for the past 40 years.

I am the author of this report entitled *'*Report on an induced polarization geophysical survey and a mobile metal ion Soil Survey of the SID Property, in the Hazelton area, west-central British Columbia Omineca Mining Division dated September 26, 2018.

John Buckle, P.Geo.
Geological Solutions,



AFFIDAVIT OF EXPENSES

Soil and rock sample surveying were carried out within the Sid Property, which occurs north of the town of Smithers, B.C, from May 23rd to June 30th, 2017, to the value of the following:

Work Schedule

MAY	John Buckle	Ryan Dix	James Fraser	Matt Fraser	Jeremy Hanson	Josh Hanson		
Rate/day	$500	$350	$250	$450	$450	$250	$350	$250
23	Sid (mob)	Sid (mob)						
24	Sid (org)	Sid (org)		Sid (mob)	Sid (mob)			
25	Sid (org)	Sid (org)	Sid (mob/org)	Sid (org)	Sid (org)	Sid (mob/org)		
26	Sid (heli/build)	Sid (heli/build)	Sid (heli/build)	Sid (heli/build)	Sid (heli/build)	Sid (heli/build)		
27	Sid (build)	Sid (build)	Sid (build)	Sid (build)	Sid (build)	Sid (build)		
28	Sid (IP - L1 start) * T	Sid (IP - L1 start)	Sid (IP - L1 start)	Sid (IP - L1 start)	Sid (IP - L1 start)	Sid (IP - L1 start)		
29	Sid (IP - L1 850m) * T	Sid (IP - L1 850m)	Sid (IP - L1 850m)	Sid (IP - L1 850m)	Sid (IP - L1 850m)	Sid (IP - L1 850m)		
30	Sid (IP - L1 finish/L2 start) * T	Sid (IP - L1 finish/L2 start)	Sid (IP - L1 finish/L2 start)	Sid (IP - L1 finish/L2 start)	Sid (IP - L1 finish/L2 start)	Sid (IP - L1 finish/L2 start)		
31	Sid (IP - L2 900m) * T	Sid (IP - L2 900m)	Sid (IP - L2 900m)	Sid (IP - L2 900m)	Sid (IP - L2 900m)	Sid (IP - L2 900m)		
JUNE	John Buckle	Ryan Dix	James Fraser	Matt Fraser	Jeremy Hanson	Josh Hanson	Luke W.	Chaseton L.
1	Sid (IP L3 start) * T	Sid (IP L3 start)	Sid (IP L3 start)	Sid (IP L3 start)	Sid (IP L3 start)	Sid (IP L3 start)		
2	Sid (IP L3 finish) * T	Sid (IP L3 finish)	Sid (IP L3 finish)	Sid (IP L3 finish)	Sid (IP L3 finish)	Sid (IP L3 finish)		
3	Sid (IP L4 start) * T	Sid (IP L4 start)	Sid (IP L4 start)	Sid (IP L4 start)	Sid (IP L4 start)	Sid (IP L4 start)		

4	Sid (IP - L4 finish) * T	Sid (IP - L4 finish)	Sid (IP - L4 finish)	Sid (IP - L4 finish)	Sid (IP - L4 finish)	Sid (IP - L4 finish)		
5	Sid (IP - L5) start * T	Sid (IP - L5) start	Sid (IP - L5) start	Sid (IP - L5) start	Sid (IP - L5) start	Sid (IP - L5) start		
6	Sid (IP - L5) * T	Sid (IP - L5)	Sid (IP - L5)	Sid (IP - L5)	Sid (IP - L5)	Sid (IP - L5)		
7	Sid (IP-L5 finish & Mob Out) * T	Sid (IP-L5 finish & Mob Out) * T	Sid (IP-L5 finish & Mob Out) * T	Sid (IP-L5 finish & Mob Out) * T	Sid (IP-L5 finish & Mob Out) * T	Sid (IP-L5 finish & Mob Out) * T	Sid- Mob in	Sid- Mob in
8	Mob back to Vancouver	Sid (IP - L6)	Sid (IP - L6)	Sid (IP - L6)	Sid (IP - L6) * T	Sid (IP - L6)	Sid (IP - L6)	Sid (IP - L6)
9		Sid	Sid	Sid	Sid	Sid	Sid	Sid
10		Sid	Sid	Sid	Sid	Sid	Sid	Sid
11		Sid	Sid	Sid	Sid	Sid	Sid	Sid
12		Sid	Sid	Sid	Sid	Sid	Sid	Sid
13		Sid	Sid	Sid	Sid	Sid	Sid	Sid
14		Sid	Sid	Sid	Sid	Sid	Sid	Sid
15		Sid	Sid	Sid	Sid	Sid	Sid	Sid
16		Sid	Sid	Sid	Organize/Ranger	Sid	Sid	Sid
17		Sid	Sid	Sid	Organize	Sid	Sid	Sid
18		Sid	Sid	Sid	Organize	Sid	Sid	Sid
19		XRF	XRF	Organize/laundry	Scout Am. Boy	Organize/XRF/reels	Scout Am. Boy	Organize/Pins
20		XRF/organize	XRF	Organize/laundry/receipts	Organize/Ranger tune up	Organize	Organize	Organize
21		Start L1 AB	Start L1 AB	Send MMI/start L1 AB	Mob out	Start L1 AB	Start L1 AB	Start L1 AB
22		Finish L1/Layout L2	Finish L1/Layout L2	Finish L1/Layout L2		Finish L1/Layout L2	Finish L1/Layout L2	Finish L1/Layout L2

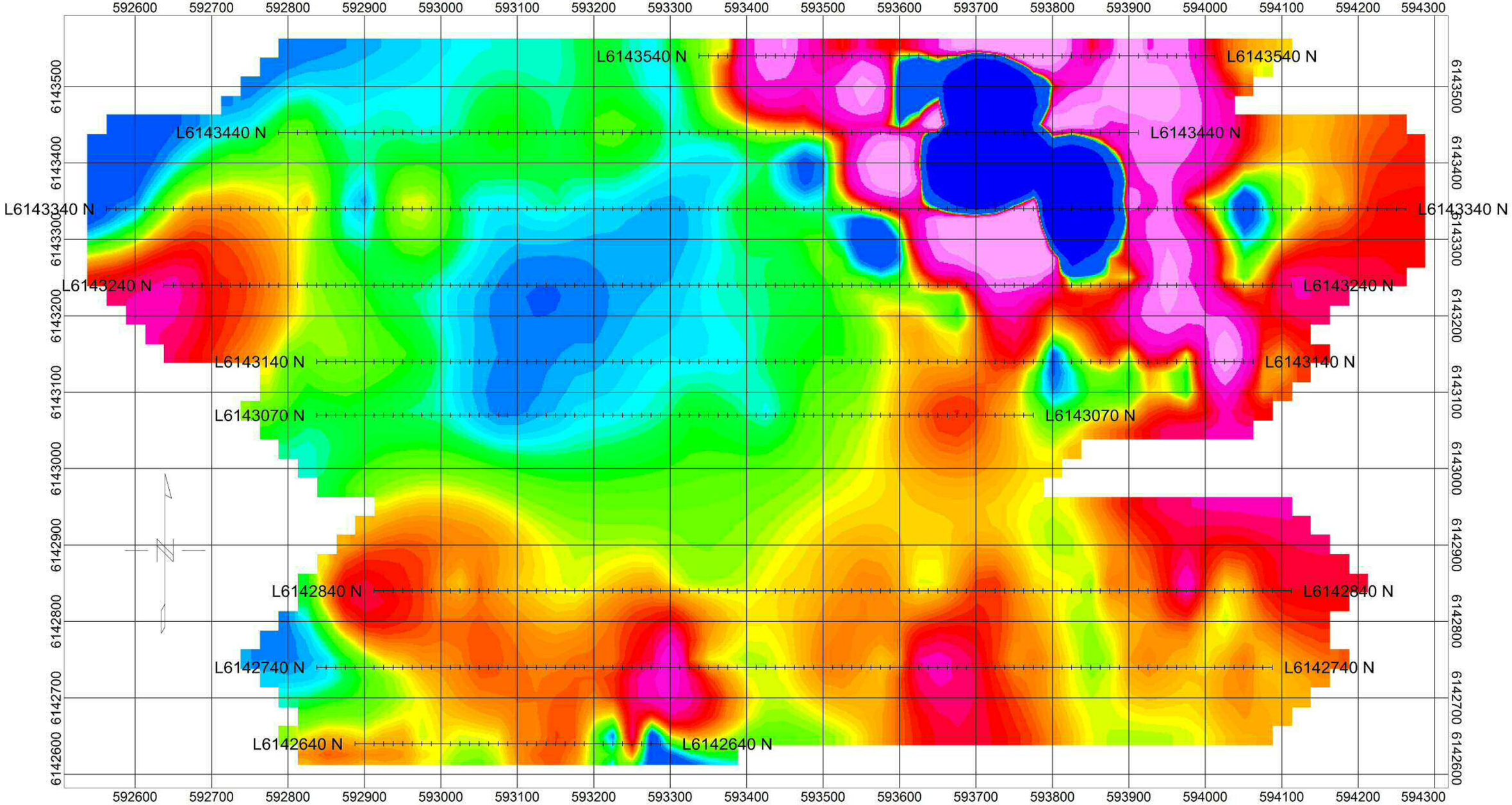
23		L2	L2	L2		Start L2/Mob out	L2	L2
24		L3	L3	L3			L3	L3
25		Finish L3/Start l4	Finish L3/Start l4	Finish L3/Start l4			Finish L3/Start l4	Finish L3/Start l4
26		L4	L4	L4			L4	L4
27		L5	L5	L5			L5	L5
28		L6	L6	L6	Mob Back		L6	L6
29		MMI	MMI	Prospect	Prospect		MMI	MMI
Days	17	38	36	37	31	29	23	23
Wages	**$8,500**	**$13,300**	**$9,000**	**$16,650**	**$13,950**	**$7,250**	**$8,050**	**$5,750**

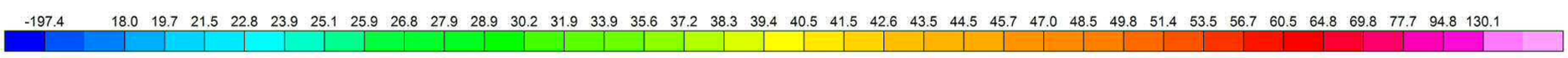
Helicopter	Hours	$/hr	Heli/hr $	Fuel/hr	Fuel		Total
16	1.2	$1,725	$2,070	$190	$228		
17	1.4	$1,725	$2,415	$190	$266		
21	1	$1,725	$1,725	$190	$190		
27	1.2	$1,725	$2,070	$190	$228		
			$8,280		$912		$9,192

Total Expenses SID Project 2017				
Desc.	Item	Rate	Number	Amount
IP gear	Rent	$500.00	38	19,000.00
hours	Helicopter			9,192.00
25 rock	Assay	$25.00	42	1,050.00
XRF	Rent	$220.00	38	2,250.00
Accom/meal	camp	$150.00	234	2,250.00
Report		$500.00	4	2,000.00
Wages				82,450.00
10%	Admin			118,192.00

				11,819.20
TOTAL				
				$130,011

APPENDIX A: Geophysics Maps and Pseudosections





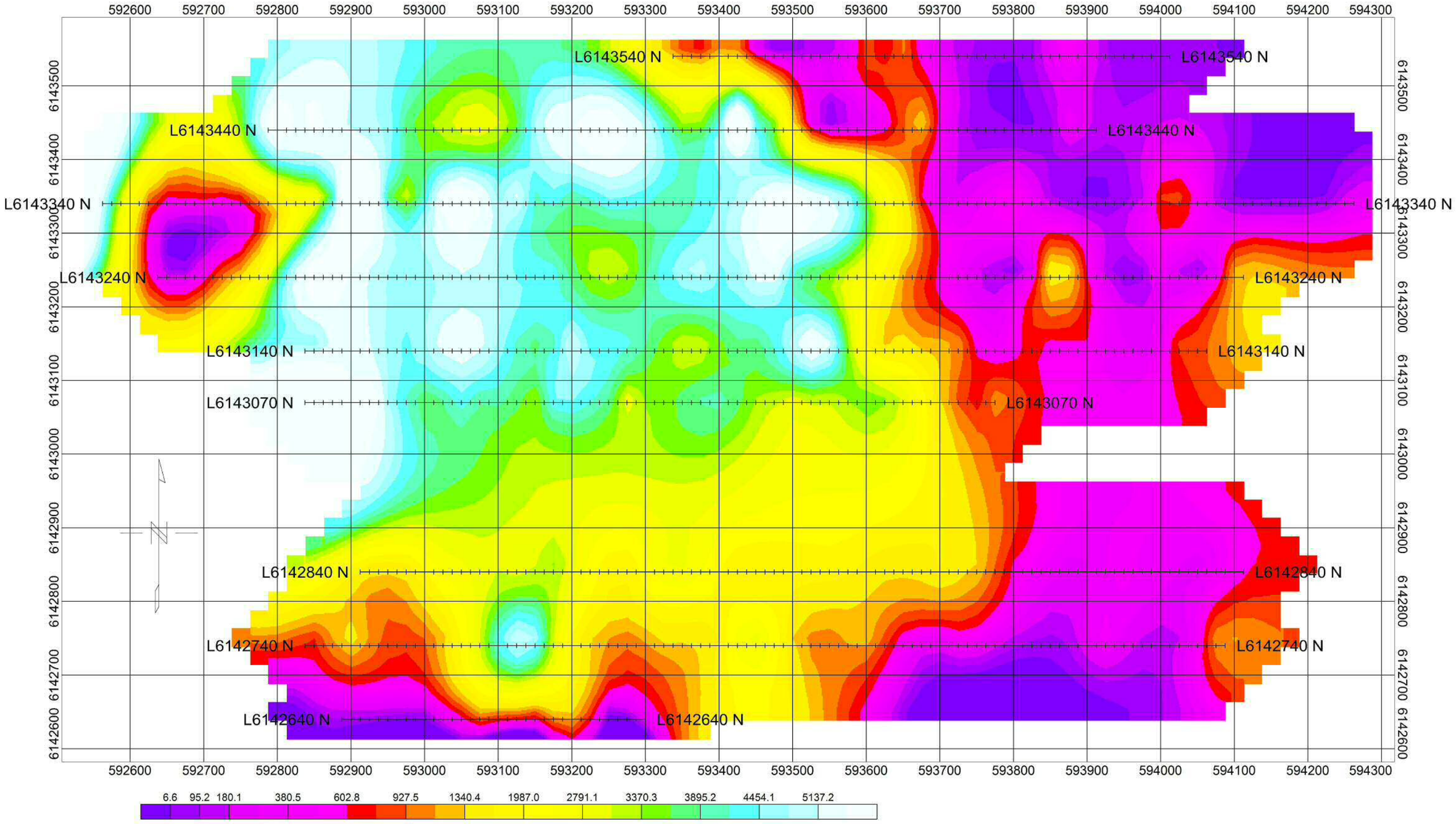
Scale 1:5000

50 0 50 100 150 200 250 300 350

metres

WGS 84 / UTM zone 9N

DeCoors Mining Corp.
Chargeability Plan Map **SID Project**
John Buckle, P.Geo.



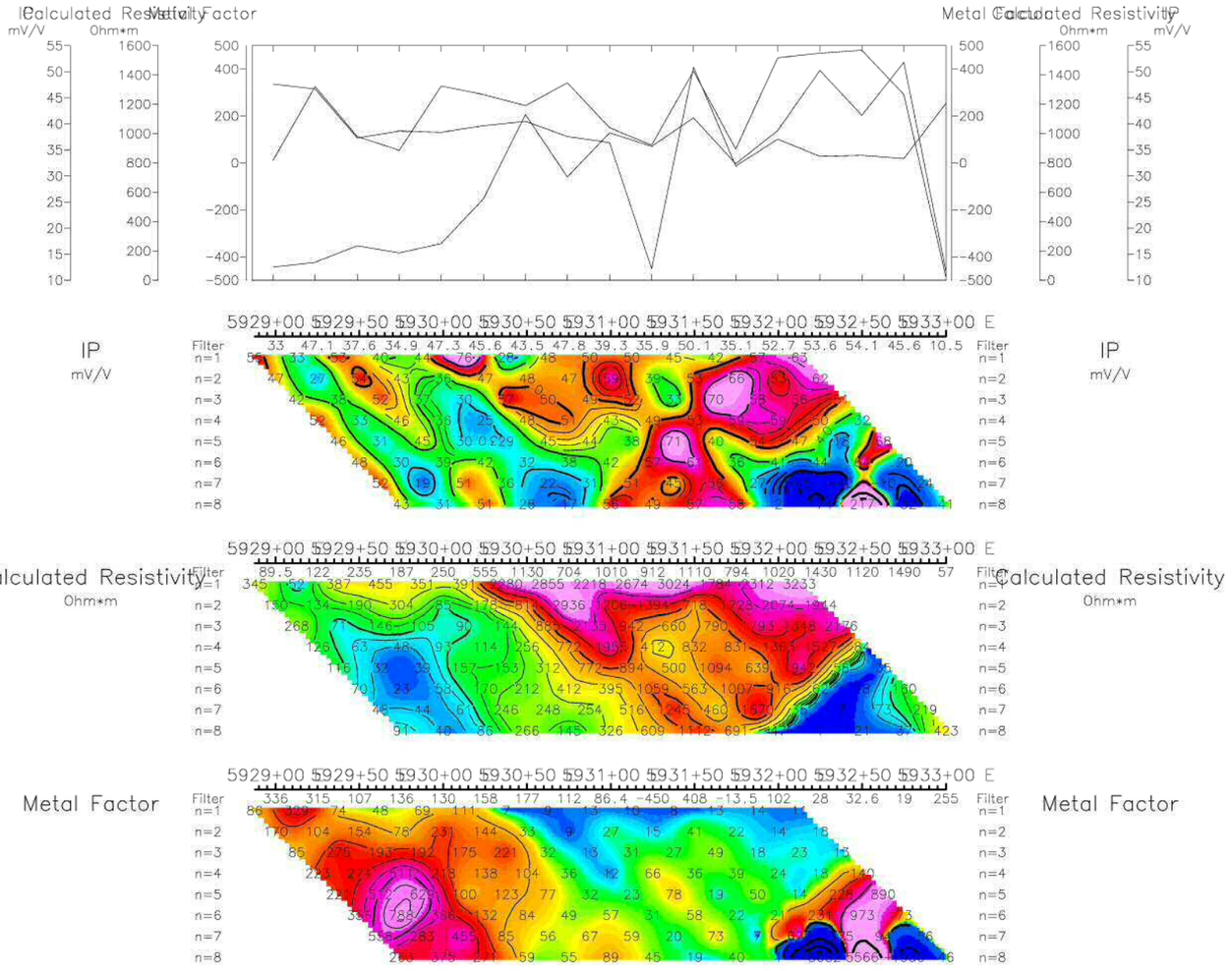
Scale 1:5000

50 0 50 100 150 200 250 300 350

metres

WGS 84 / UTM zone 9N

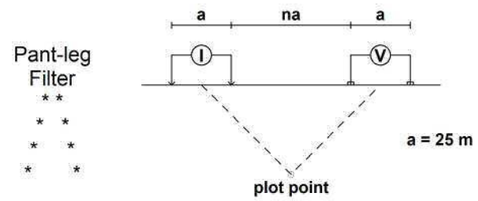
DeCoors Mining Corp.
Resistivity Plan Map **SID Project**
John Buckle, P.Geo.



Pseudo Section Plot

61426+40 N

Dipole-Dipole Array



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

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- ◻ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

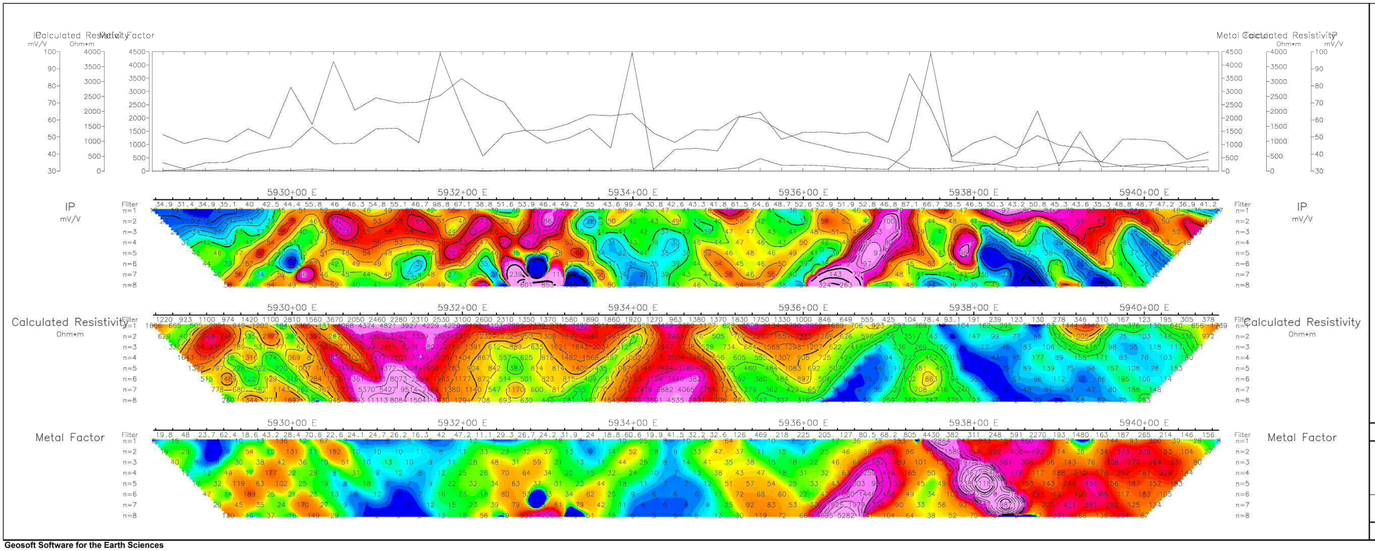
Scale 1:3500

50 0 50 100 150 200

metres

INDUCED POLARIZATION SURVEY

Date: 23/09/2018
Interpretation:

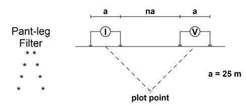


Geosoft Software for the Earth Sciences

Pseudo Section Plot

61427+40 N

Dipole-Dipole Array

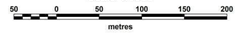


Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

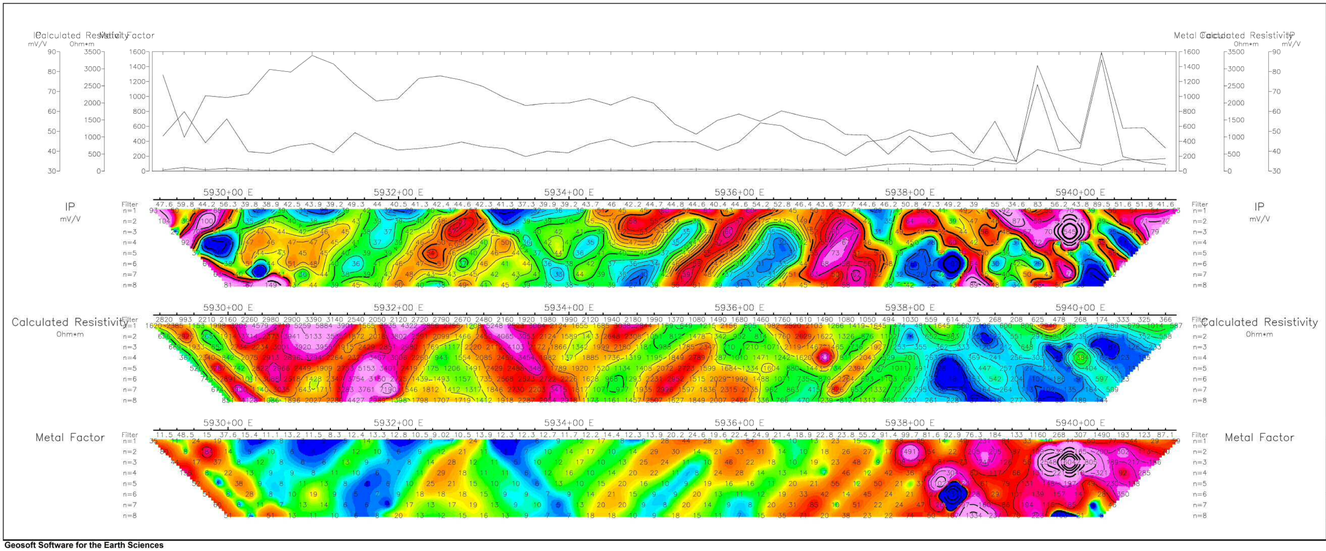
- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- □ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

Scale 1:3500



INDUCED POLARIZATION SURVEY

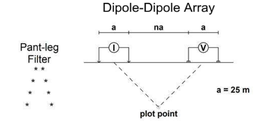
Date: 23/09/2018
Interpretation:



Pseudo Section Plot

61428+40 N

Dipole-Dipole Array



Pant-leg Filter

a = 25 m

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

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- ◻ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

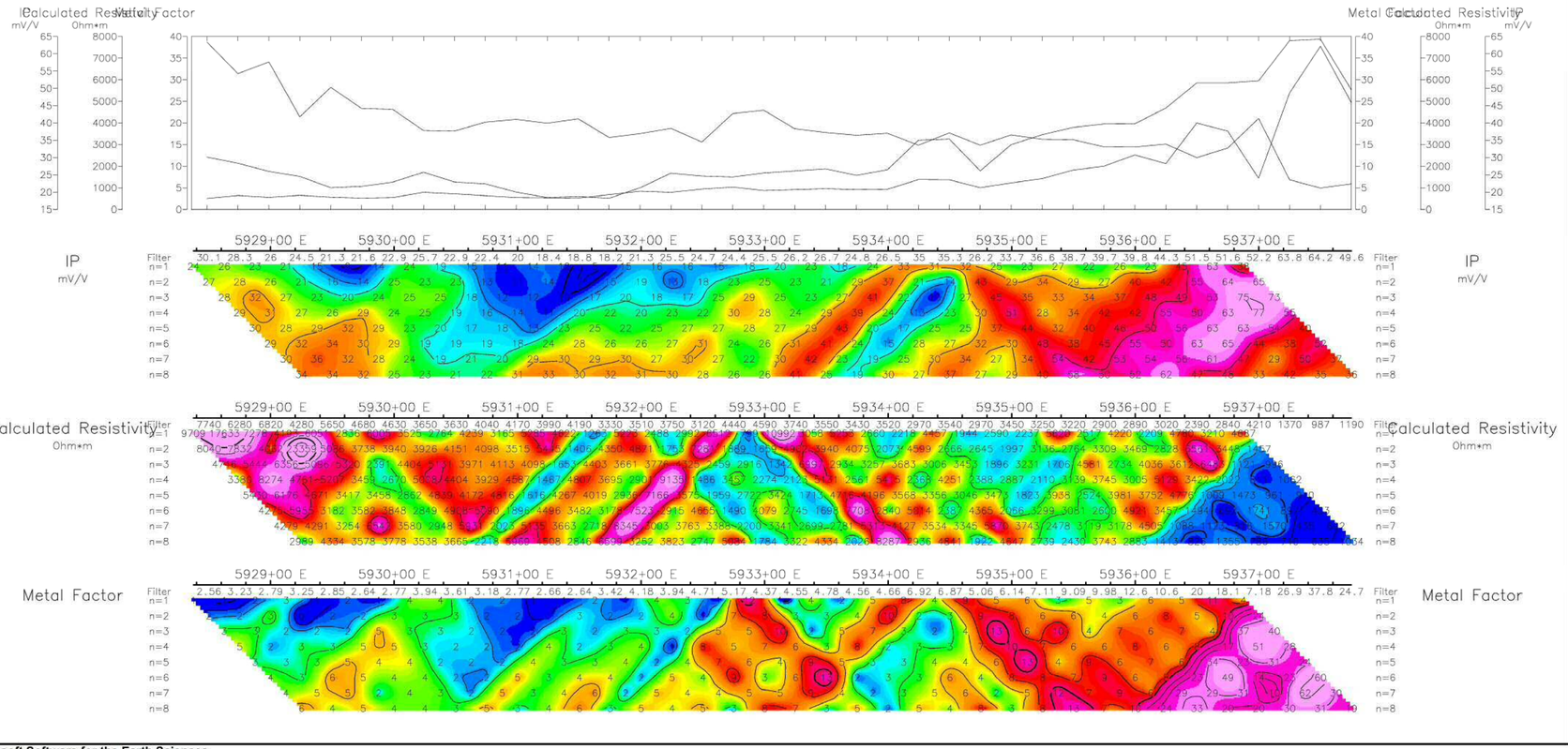
Scale 1:3500

50 0 50 100 150 200

metres

INDUCED POLARIZATION SURVEY

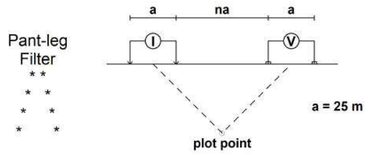
Date: 23/09/2018
Interpretation:



Pseudo Section Plot

61430+70 N

Dipole-Dipole Array



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

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- □ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

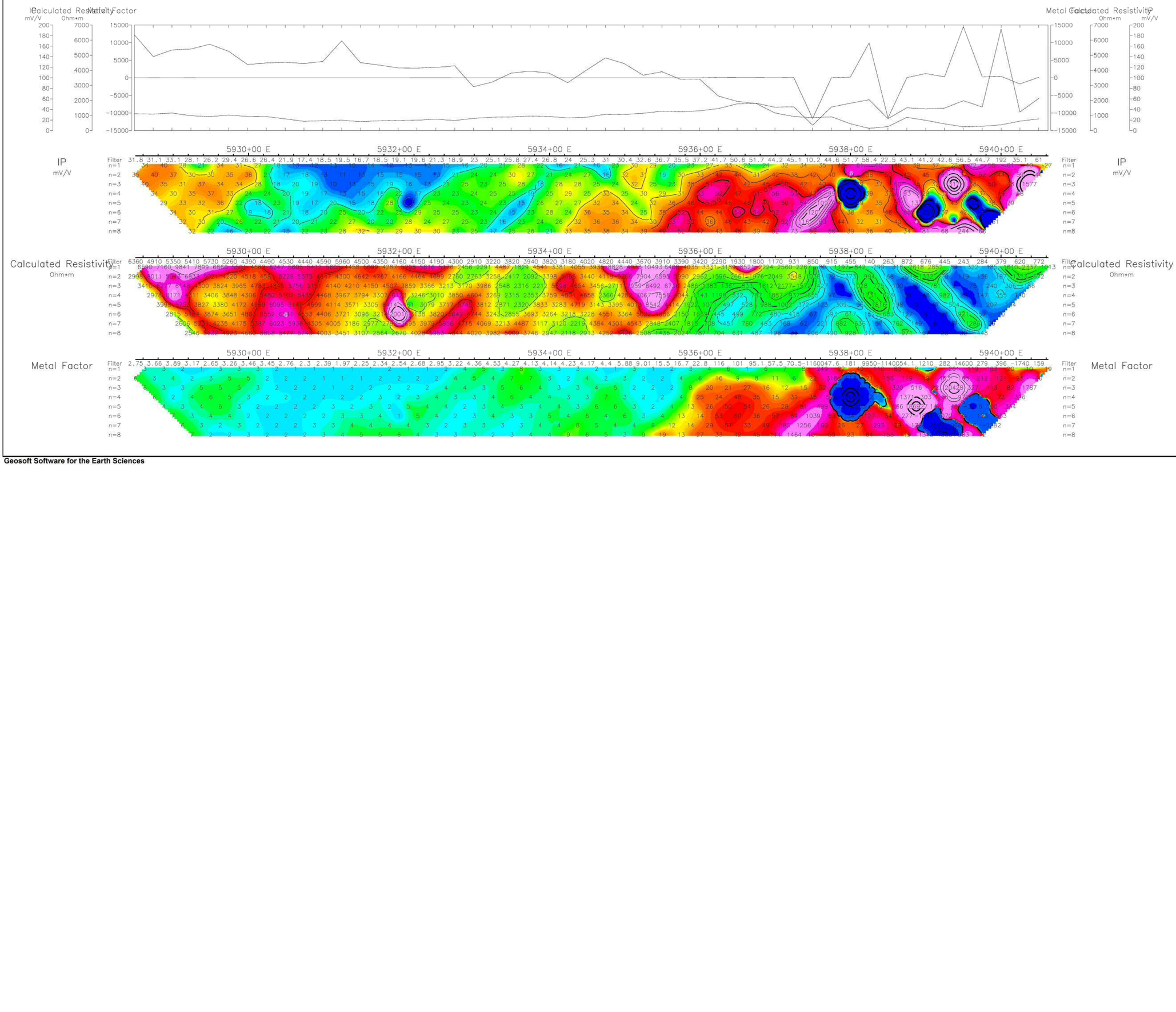
Scale 1:3500

50 0 50 100 150 200

metres

INDUCED POLARIZATION SURVEY

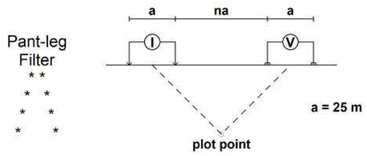
Date: 23/09/2018
Interpretation:



Pseudo Section Plot

61431+40 N

Dipole-Dipole Array



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

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- □ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

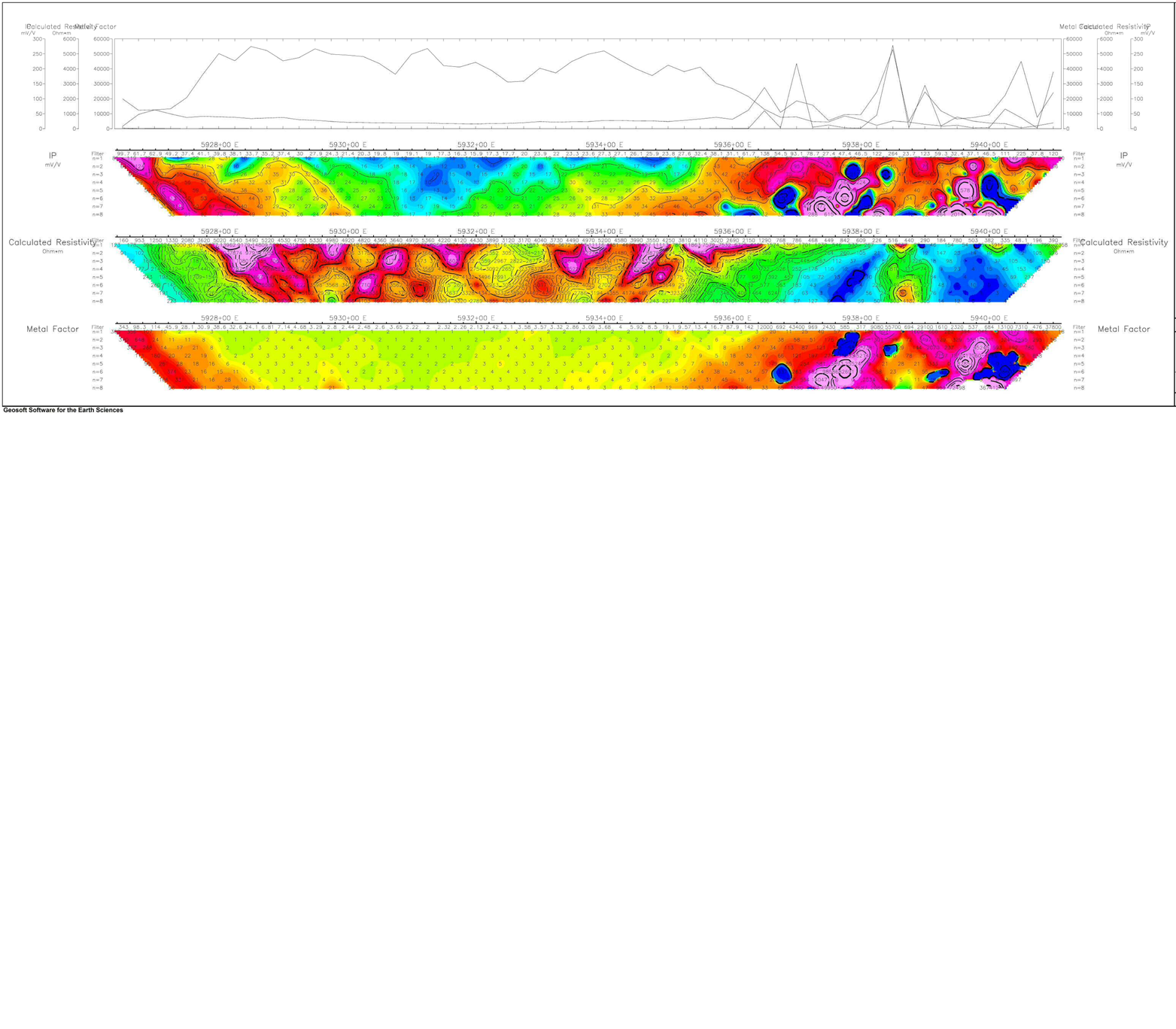
Scale 1:3500

50 0 50 100 150 200

metres

INDUCED POLARIZATION SURVEY

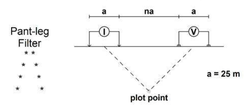
Date: 23/09/2018
Interpretation:



Pseudo Section Plot

61432+40 N

Dipole-Dipole Array



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

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- □ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

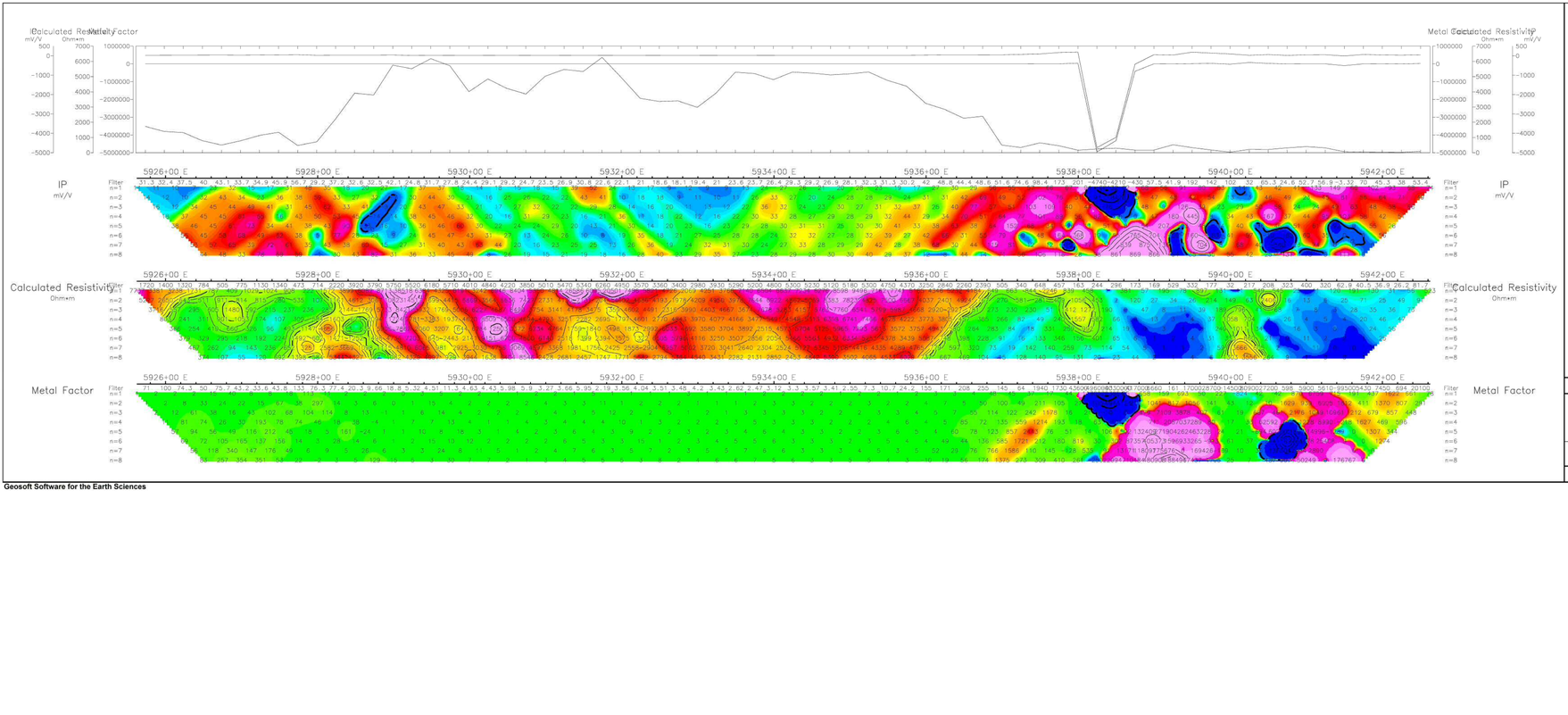
Scale 1:3500

50 0 50 100 150 200

metres

INDUCED POLARIZATION SURVEY

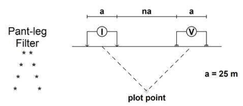
Date: 23/09/2018
Interpretation:



Pseudo Section Plot

61433+40 N

Dipole-Dipole Array



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

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- □ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

Scale 1:3500

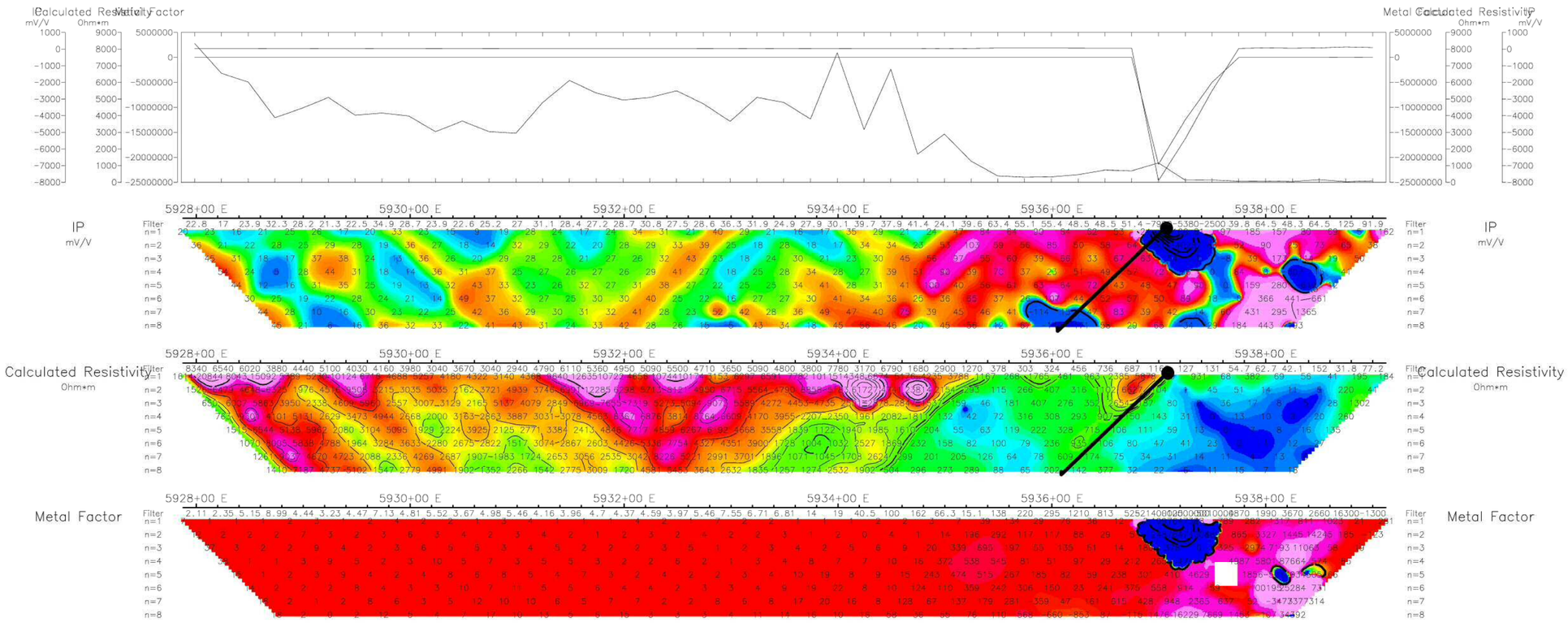
50 0 50 100 150 200

metres

INDUCED POLARIZATION SURVEY

Date: 23/09/2018

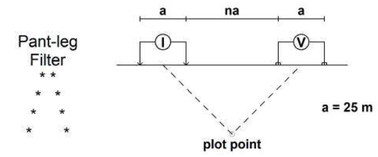
Interpretation:



Pseudo Section Plot

61434+40 N

Dipole-Dipole Array



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

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- □ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

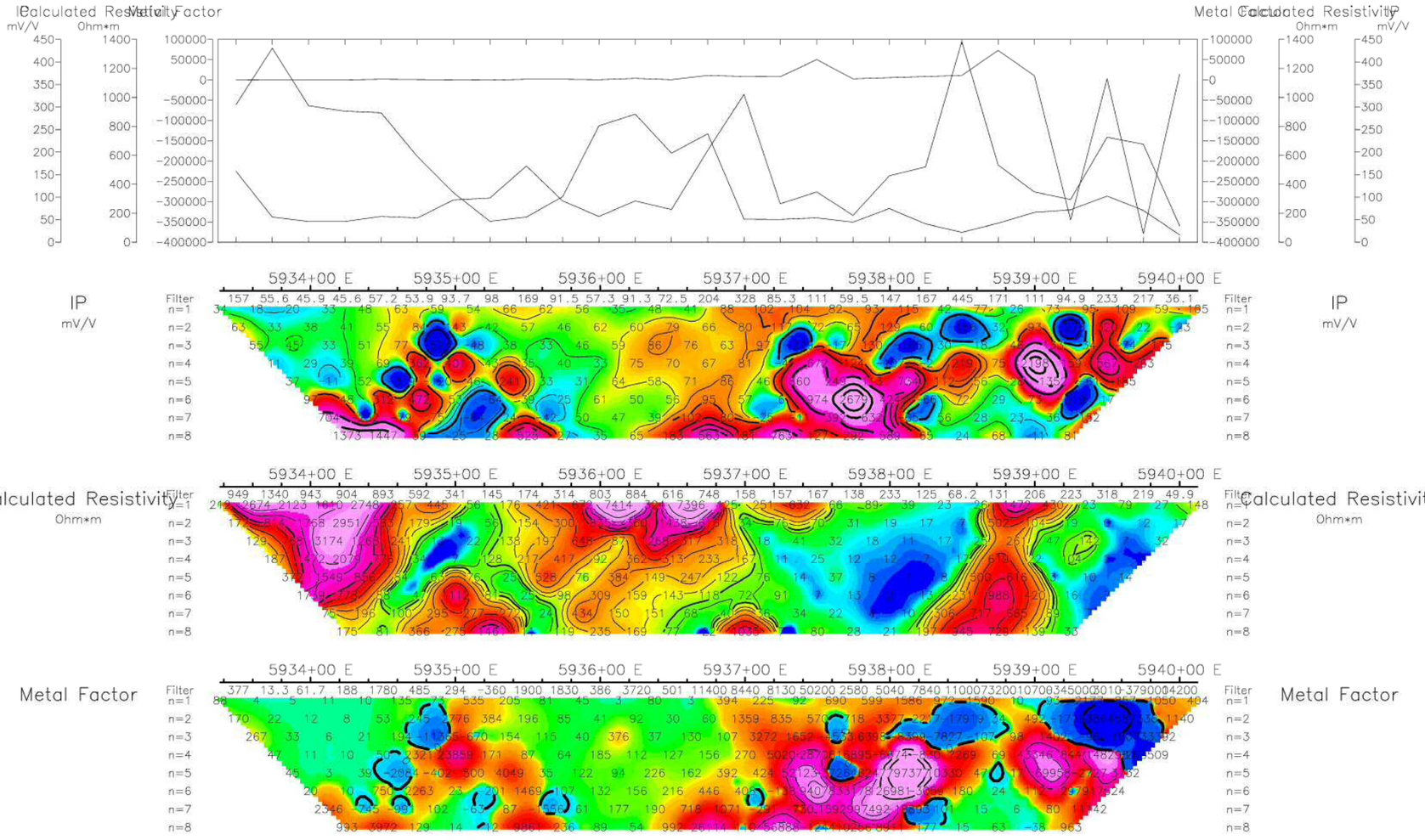
Scale 1:3500

50 0 50 100 150 200

metres

INDUCED POLARIZATION SURVEY

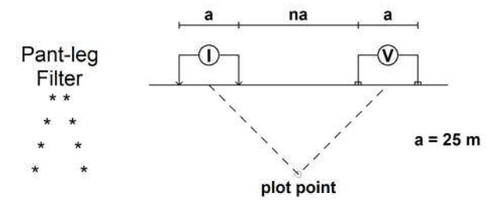
Date: 23/09/2018
Interpretation:



Pseudo Section Plot

61435+40 N

Dipole-Dipole Array



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

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- ◘ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

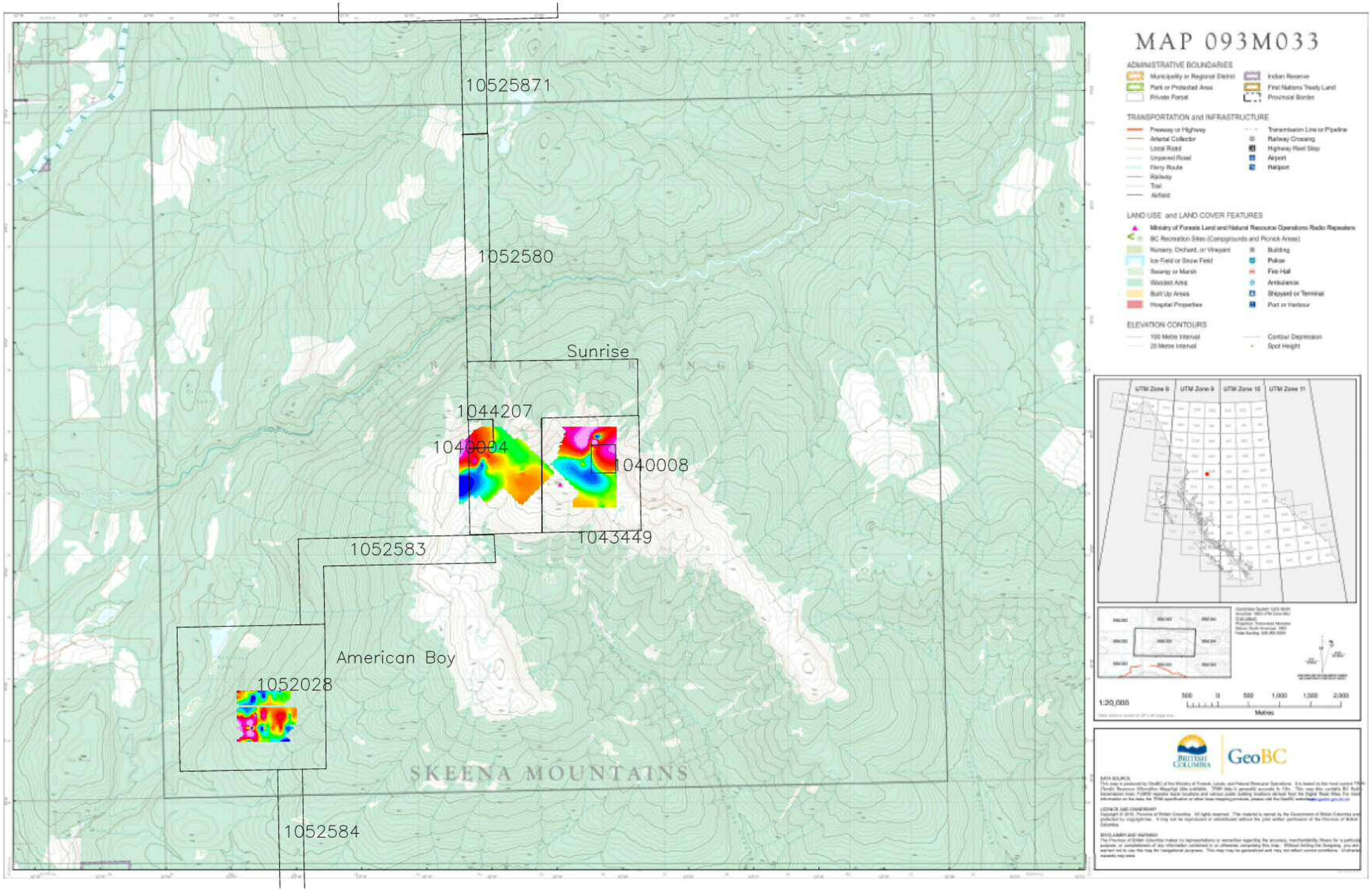
Scale 1:3500

50 0 50 100 150 200

metres

INDUCED POLARIZATION SURVEY

Date: 23/09/2018
Interpretation:



MAP 093M033

ADMINISTRATIVE BOUNDARIES
- Municipality or Regional District
- Park or Protected Area
- Private Parcel
- Indian Reserve
- First Nations Treaty Land
- Provincial Border

TRANSPORTATION and INFRASTRUCTURE
- Freeway or Highway
- Arterial Collector
- Local Road
- Unpaved Road
- Ferry Route
- Railway
- Trail
- Airfield
- Transmission Line or Pipeline
- Railway Crossing
- Highway Rest Stop
- Airport
- Heliport

LAND USE and LAND COVER FEATURES
- Ministry of Forests Land and Natural Resource Operations Radio Repeaters
- BC Recreation Sites (Campgrounds and Picnick Areas)
- Nursery, Orchard, or Vineyard
- Ice Field or Snow Field
- Swamp or Marsh
- Wooded Area
- Built Up Areas
- Hospital Properties
- Building
- Police
- Fire Hall
- Ambulance
- Shipyard or Terminal
- Port or Harbour

ELEVATION CONTOURS
- 100 Metre Interval
- 20 Metre Interval
- Contour Depression
- Spot Height

BRITISH COLUMBIA | GeoBC

DATA SOURCE

LICENCE AND OWNERSHIP

DISCLAIMER AND WARNING

590100 590200 590300 590400 590500 590600 590700 590800 590900 591000

6130900 6130800 6130700 6130600 6130500 6130400 6130300 6130200 6130100 6130000

L6130900 N
L6130800 N
L6130700 N
L6130400 N
L6130200 N
L6130000 N

133.5 329.3 408.1 490.0 583.0 694.1 848.2 983.8 1111.3 1259.3 1403.8 1658.7

Scale 1:3000

50 0 50 100 150

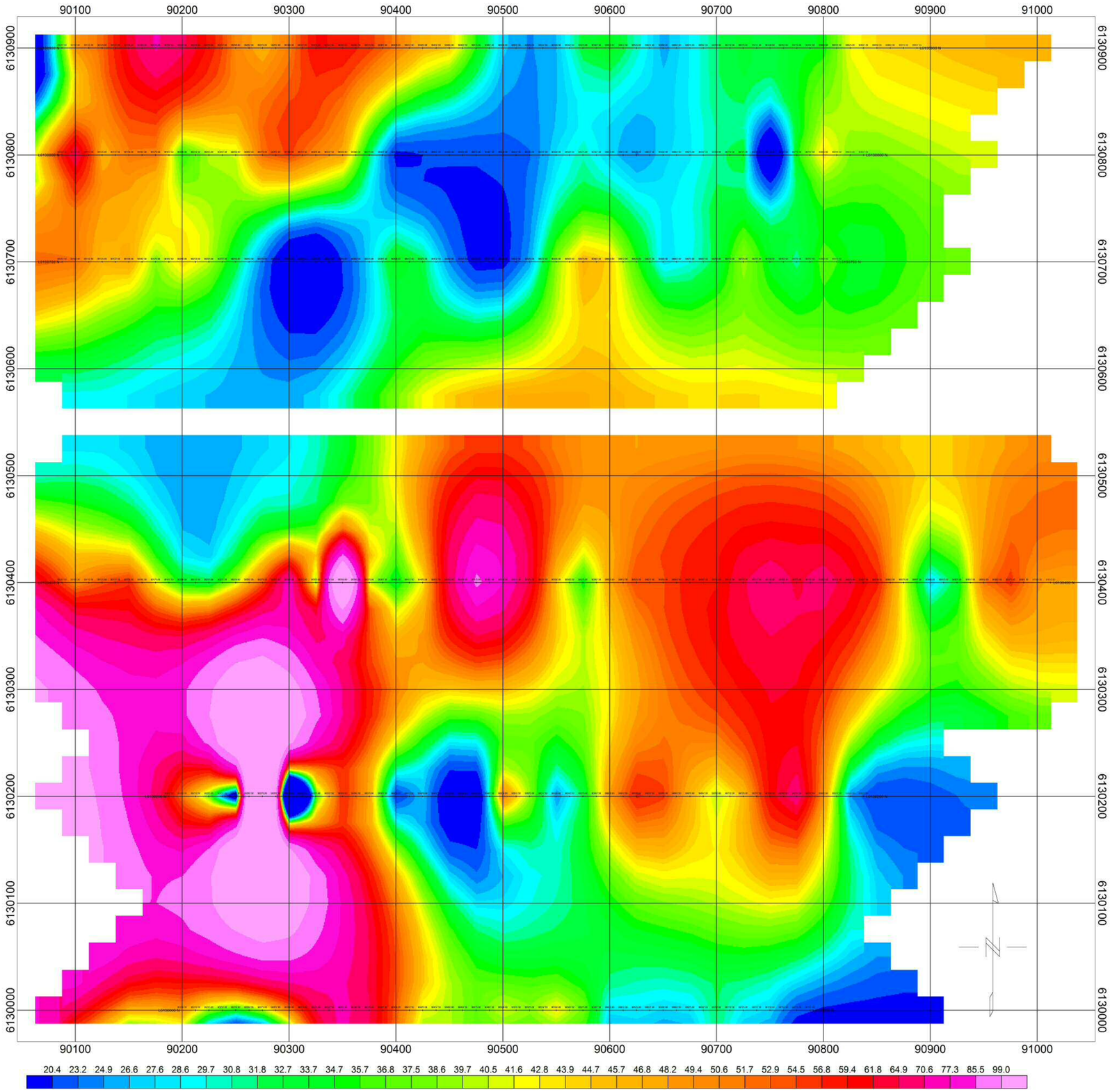
metres

WGS 84 / UTM zone 9N

DeCoors Mining Corp.

American Boy
Resitivity Plan Map
All lines Database

John Buckle, P.Geo.

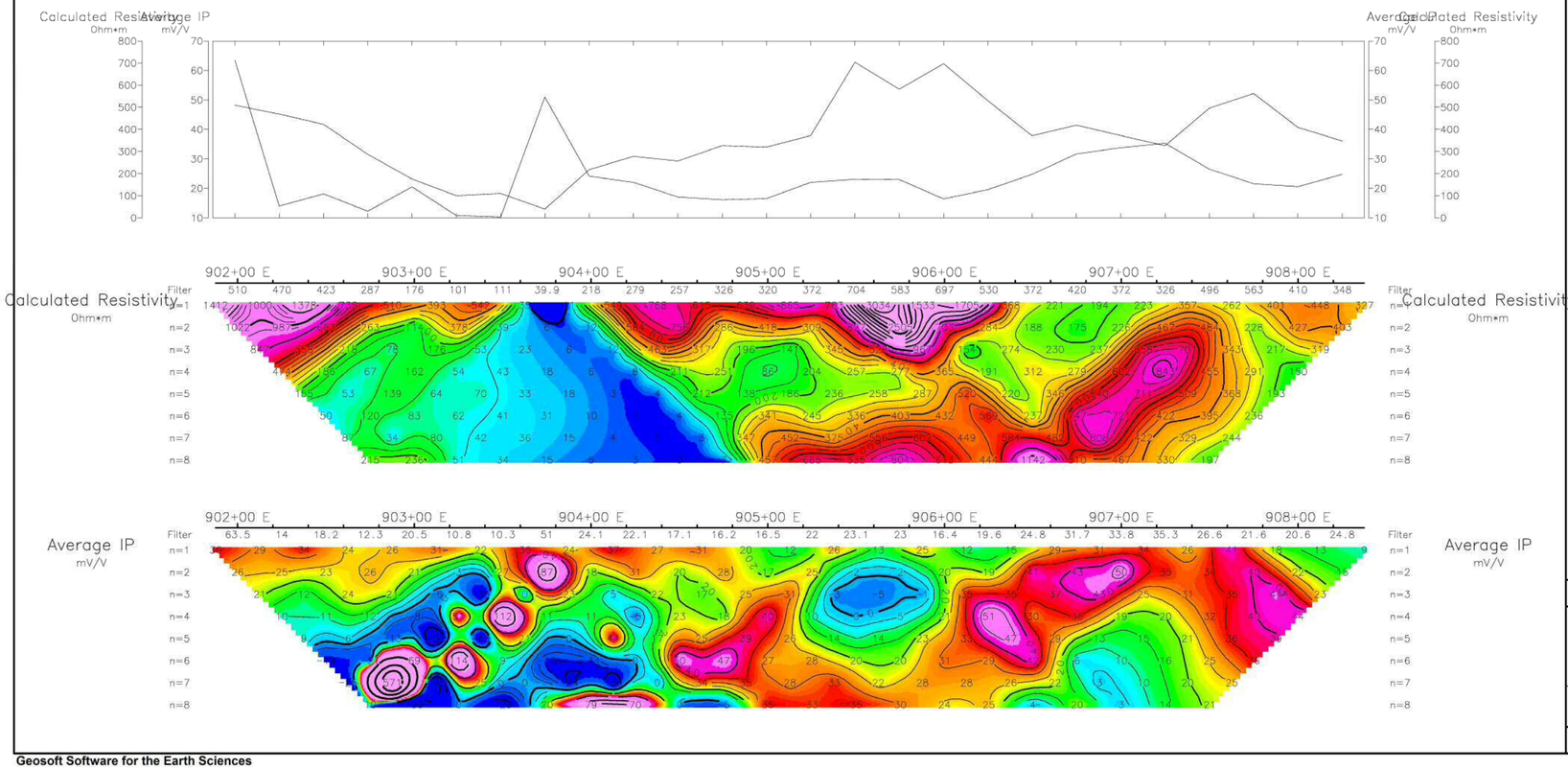


Scale 1:3000

50 0 50 100 150

metres

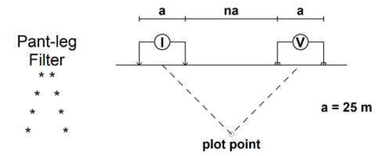
DeCoors Mining Corp.
American Boy **Chargeability Plan Map**
John Buckle, P.Geo.



Pseudo Section Plot

61302+00 N

Dipole-Dipole Array



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

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- □ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

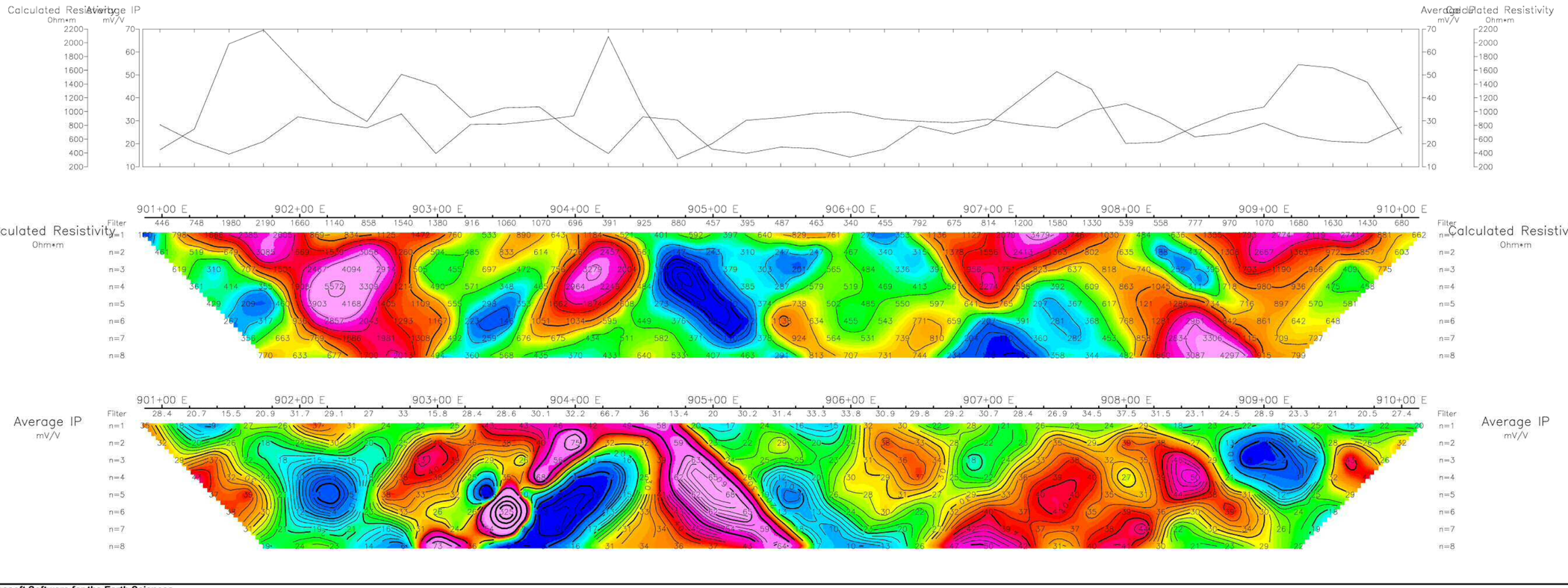
Scale 1:2500

25 0 25 50 75 100 125 150

metres

INDUCED POLARIZATION SURVEY

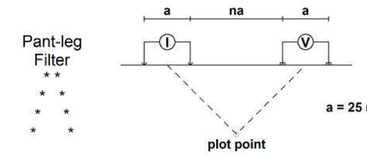
Date: 05/10/2018
Interpretation:



Pseudo Section Plot

61304+00 N

Dipole-Dipole Array



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

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- ▢ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

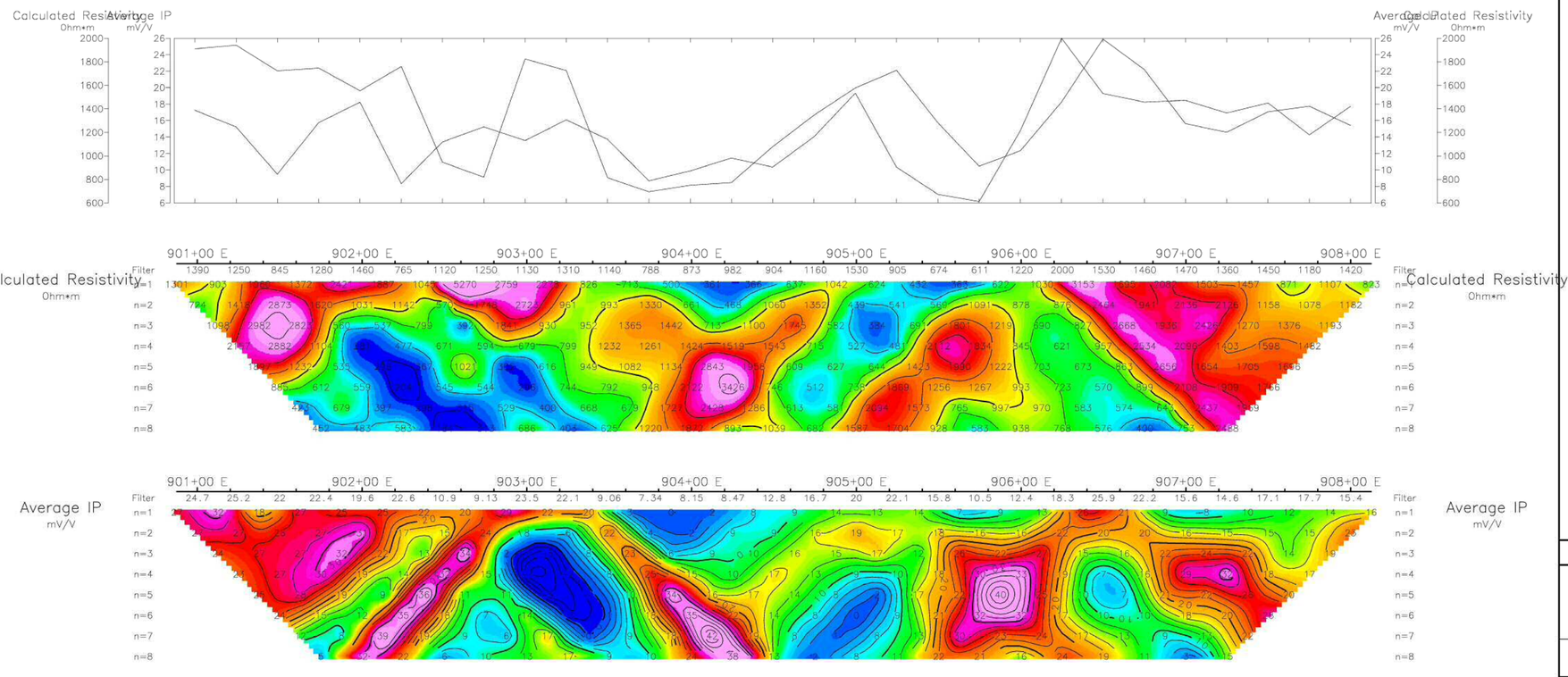
Scale 1:2500

25 0 25 50 75 100 125 150

metres

INDUCED POLARIZATION SURVEY

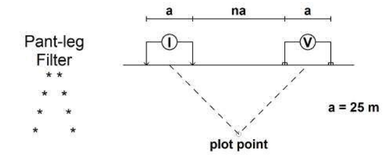
Date: 05/10/2018
Interpretation:



Pseudo Section Plot

61307+00 N

Dipole-Dipole Array



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

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- ◘ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

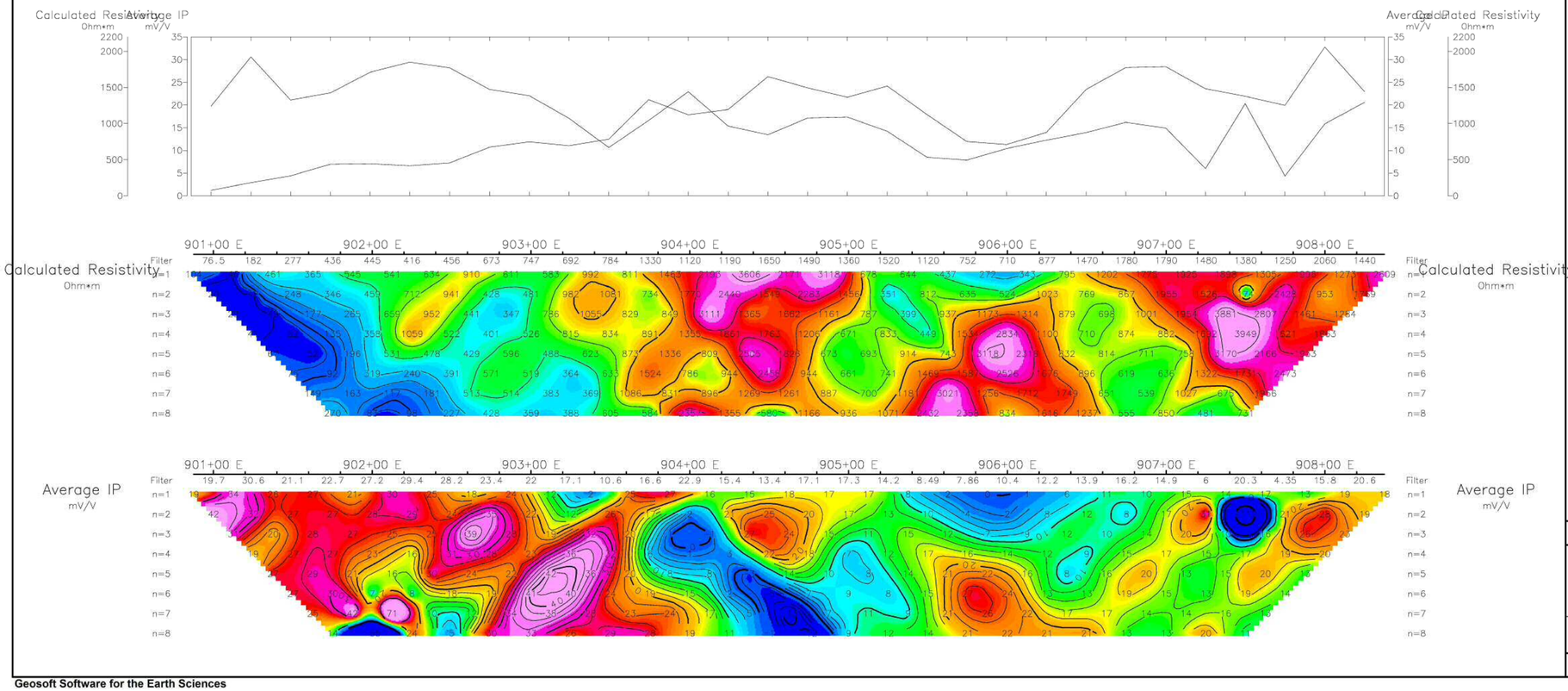
Scale 1:2500

25 0 25 50 75 100 125 150

metres

INDUCED POLARIZATION SURVEY

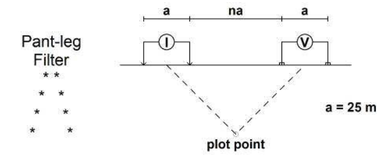
Date: 05/10/2018
Interpretation:



Pseudo Section Plot

61308+00 N

Dipole-Dipole Array



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

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- ◻ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

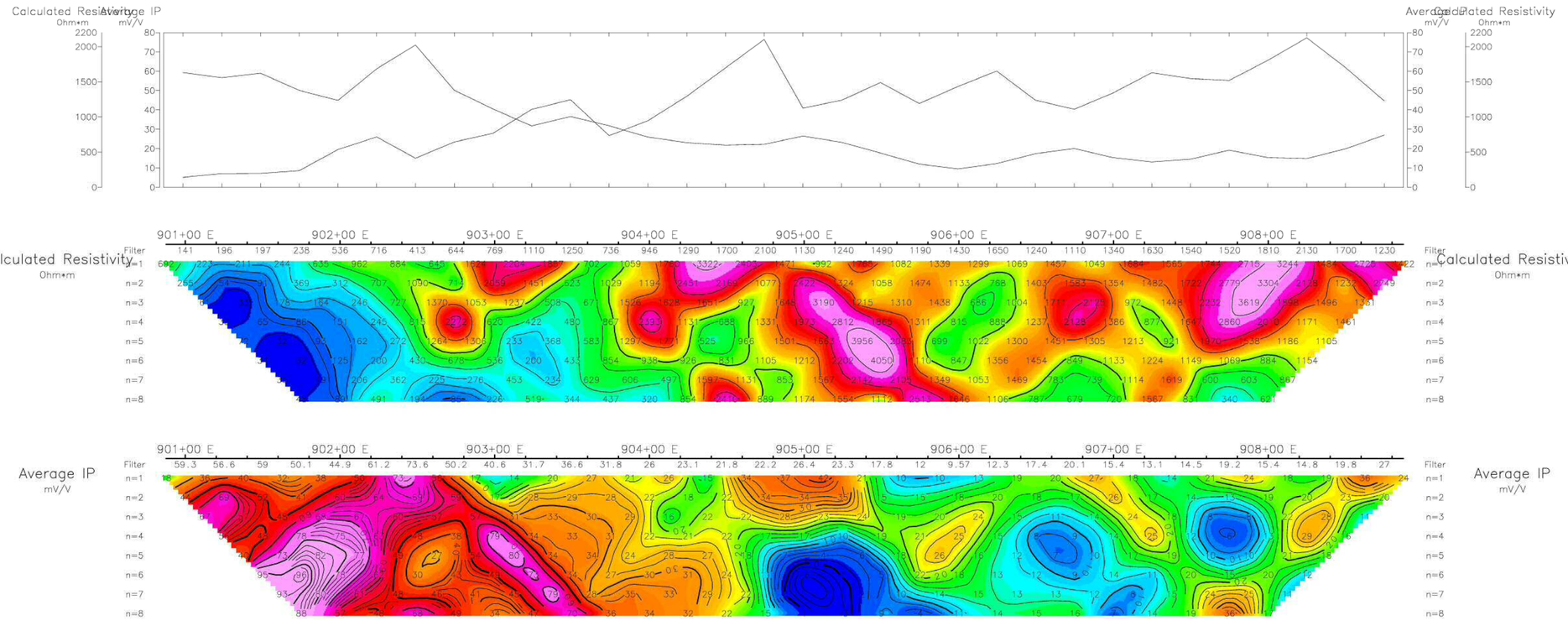
Scale 1:2500

25 0 25 50 75 100 125 150

metres

INDUCED POLARIZATION SURVEY

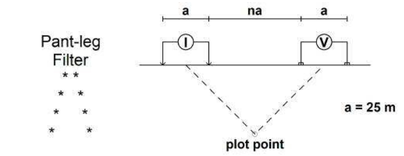
Date: 05/10/2018
Interpretation:



Pseudo Section Plot

61309+00 N

Dipole-Dipole Array



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

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- ◘ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

Scale 1:2500

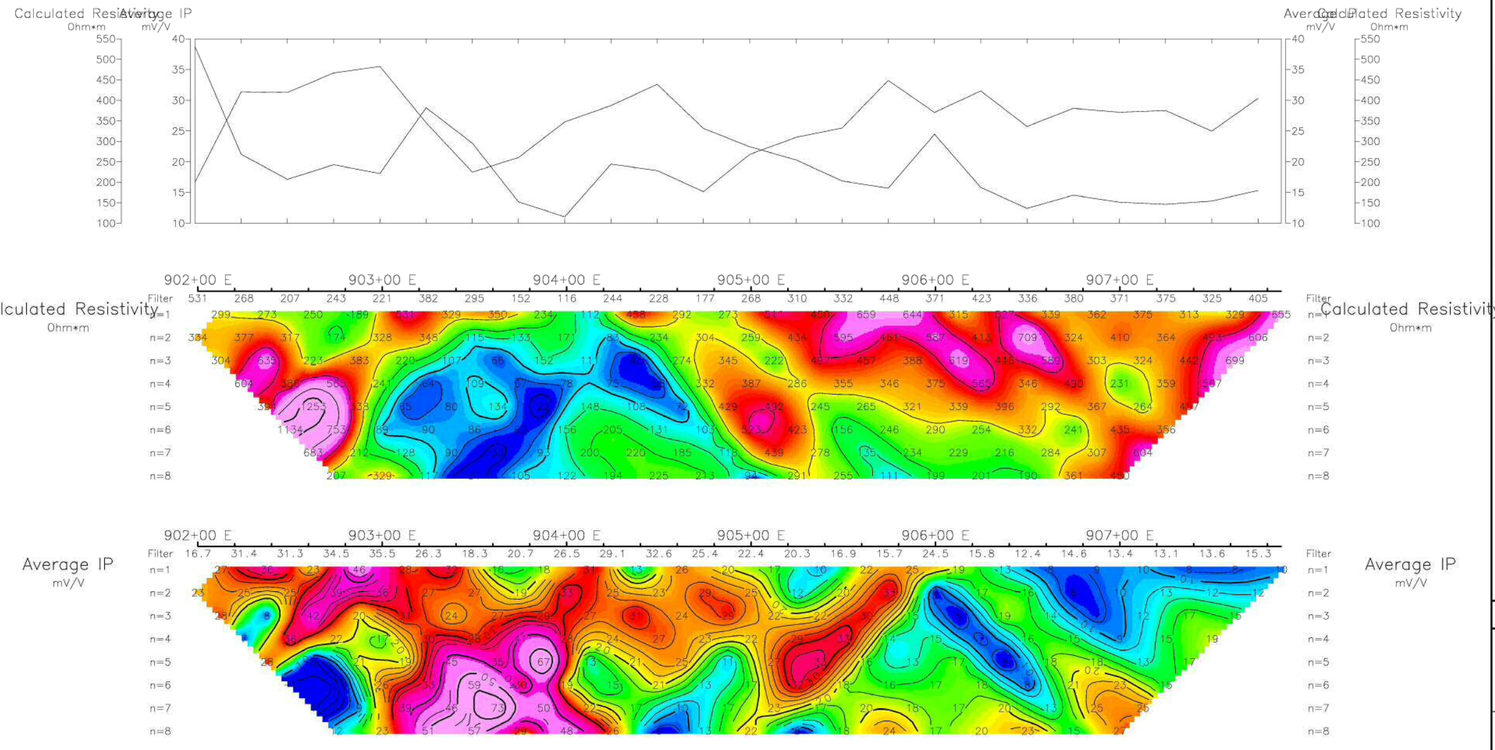
25 0 25 50 75 100 125 150

metres

INDUCED POLARIZATION SURVEY

Date: 05/10/2018

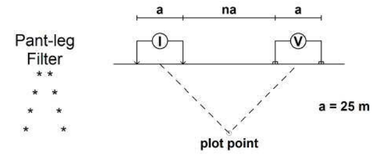
Interpretation:



Pseudo Section Plot

61300+00 N

Dipole-Dipole Array



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

INTERPRETATION

- ■ **Strong increase in polarization accompanied by marked decrease in resistivity.**
- □ **Well defined increase in polarization without marked resistivity decrease.**
- □ **Poorly defined polarization increase with no resistivity signature.**
- ▼ **Low resistivity feature.**

Scale 1:2500

25 0 25 50 75 100 125 150

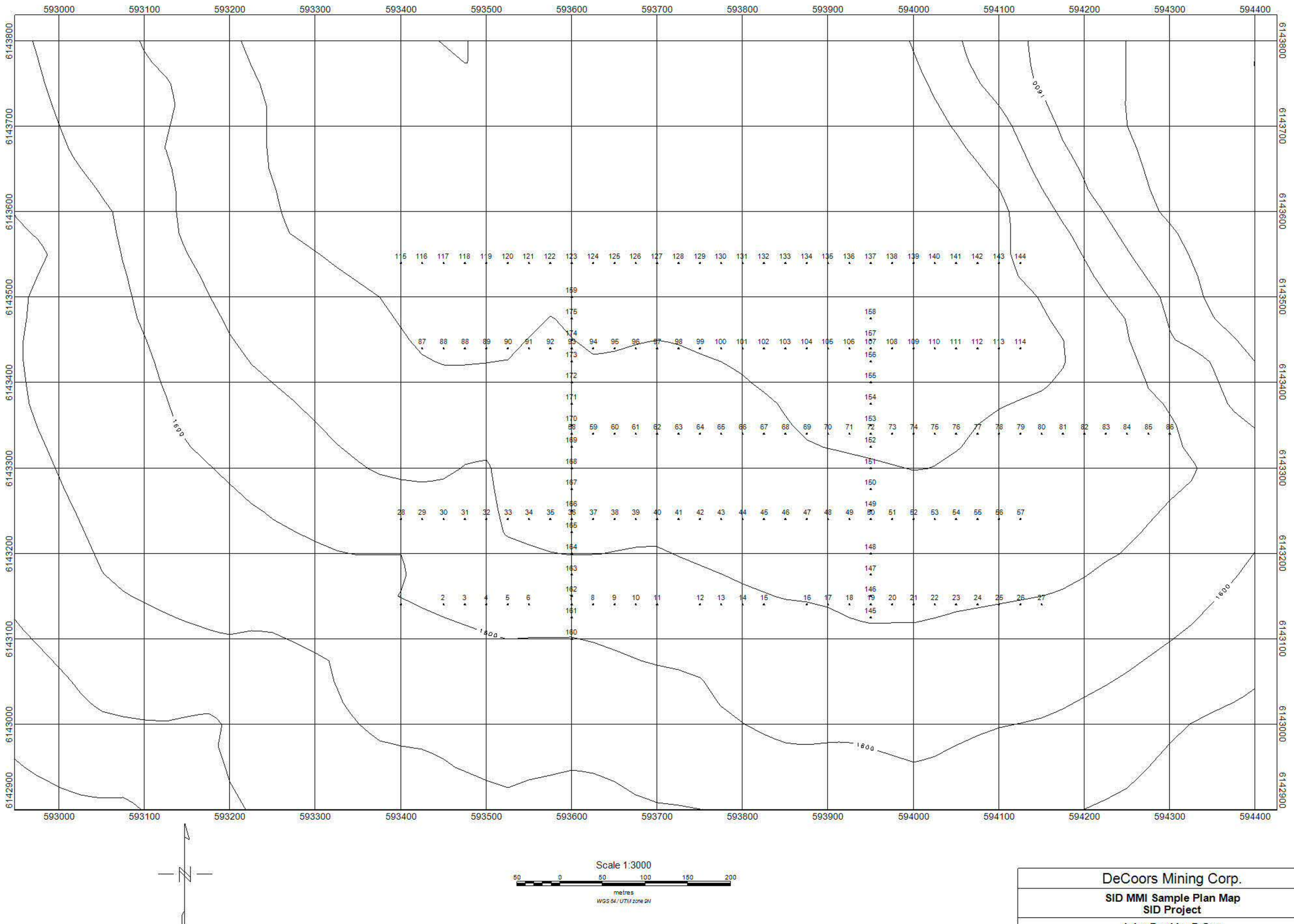
metres

INDUCED POLARIZATION SURVEY

Date: 05/10/2018

Interpretation:

APPENDIX B: MMI Maps and Tables



Scale 1:3000

50 0 50 100 150 200

metres

WGS 84 / UTM zone 9N

DeCoors Mining Corp.

SID MMI Sample Plan Map
SID Project

John Buckle, P.Geo.

593000 593100 593200 593300 593400 593500 593600 593700 593800 593900 594000 594100 594200 594300 594400

6143800 6143700 6143600 6143500 6143400 6143300 6143200 6143100 6143000 6142900

1600

Au
(Au)
> 80
60 - 80
40 - 60
20 - 40
10 - 20
0.6 - 10
0.4 - 0.6
0.2 - 0.4
0.1 - 0.2
< 0.1

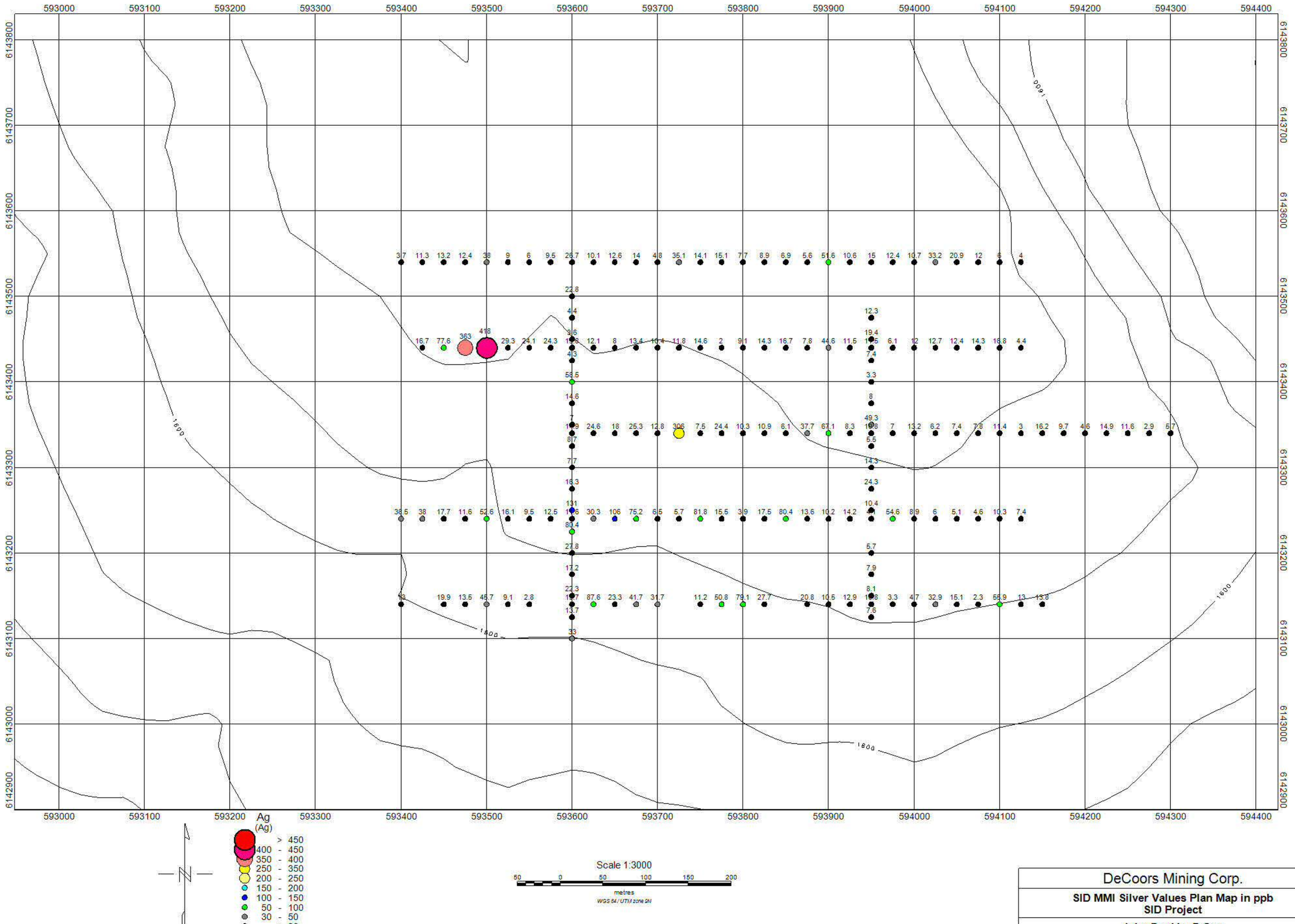
Scale 1:3000

50 0 50 100 150 200
metres
WGS 84 / UTM zone 9N

DeCoors Mining Corp.

SID MMI Gold Values Plan Map in ppb
SID Project

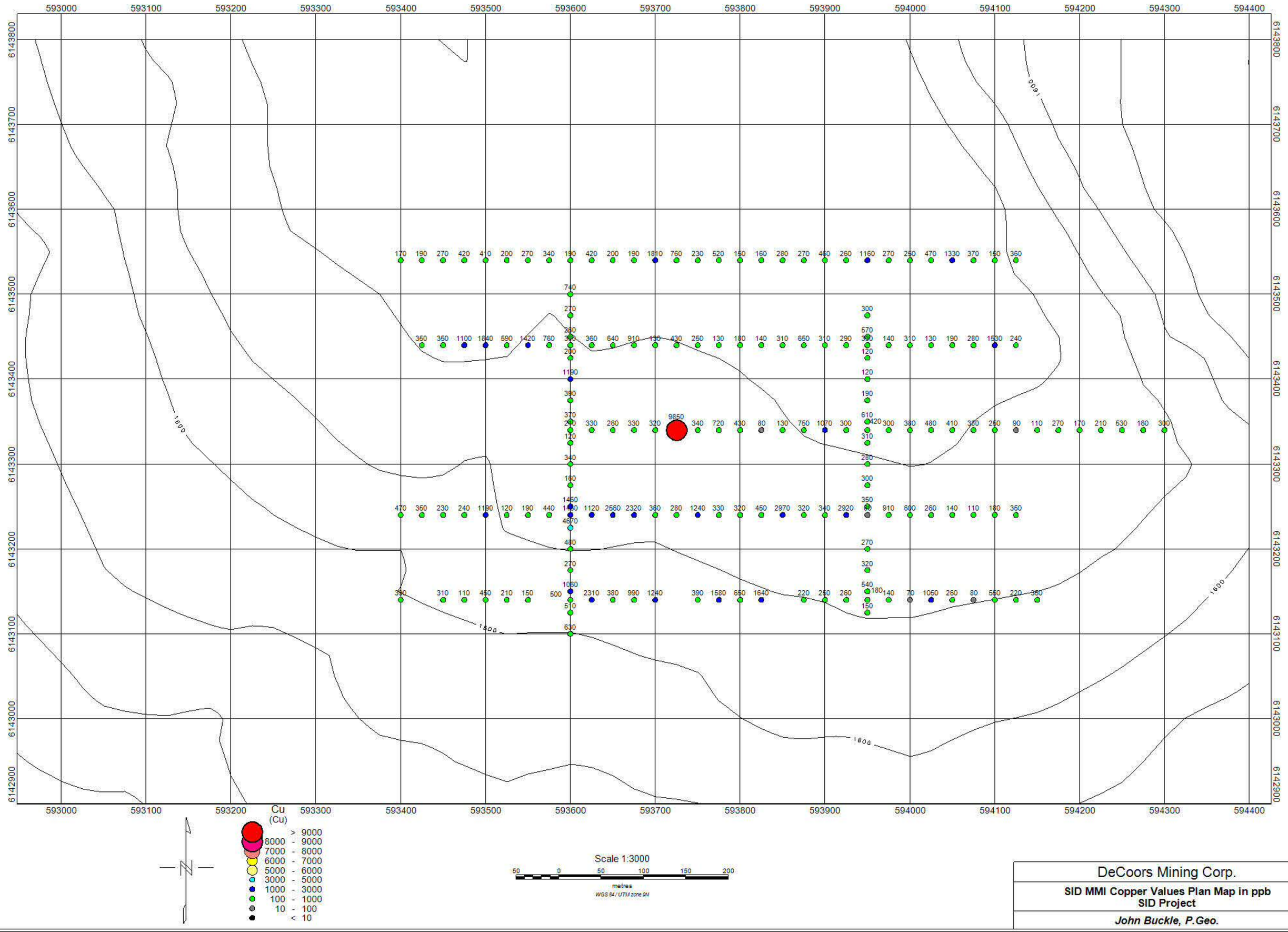
John Buckle, P.Geo.



DeCoors Mining Corp.

SID MMI Silver Values Plan Map in ppb
SID Project

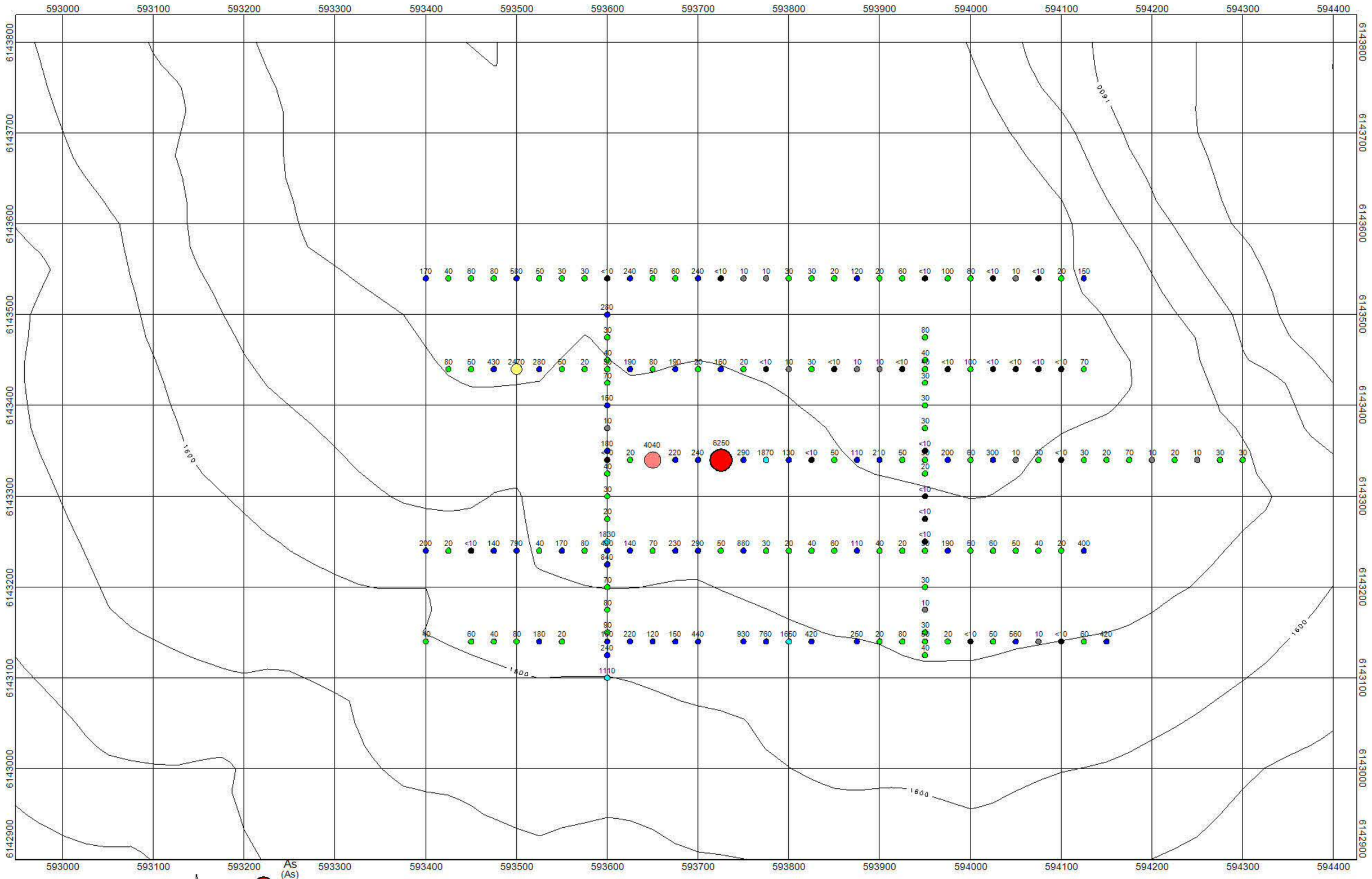
John Buckle, P.Geo.



DeCoors Mining Corp.

SID MMI Copper Values Plan Map in ppb
SID Project

John Buckle, P.Geo.



DeCoors Mining Corp.

SID MMI Arsenic Values Plan Map in ppb
SID Project

John Buckle, P.Geo.

easting	northing	sample	mmi		Ag	Al	As	Au	Ba	Bi	C	Ca	Cd	Co	Cr	Cs	Cu	Dy	F	fiducial	Ga	Gd	Hg	In	K	La	Li	Mg	Mn	Mo
593400	6143140	1 Li	3	6143140 /593400	13	336	40	0.2	950	<0.5	61	10	14	406	<100	21.2	390	12.2	60	2	2.9	11.6	<1	0.2	3.9	19	2	0.9	15800	8
593450	6143140	2 Li	3	6143140 /593450	19.9	291	60	0.2	1070	<0.5	33	22	133	52	<100	9.8	310	30.5	62	3	4.1	26	<1	0.2	4.9	12	2	3.4	4200	3
593475	6143140	3 Li	3	6143140 /593475	13.5	301	40	1.3	940	<0.5	59	22	29	18	<100	7.6	110	28.2	43	4	3.8	24.1	<1	0.3	3.8	15	<1	4.1	600	2
593500	6143140	4 Li	3	6143140 /593500	45.7	108	80	1	1710	<0.5	26	427	27	15	<100	8.2	450	28.8	9	5	1.2	35.1	<1	<0.1	6.4	32	<1	27.1	2900	5
593525	6143140	5 Li	3	6143140 /593525	9.1	319	180	0.2	1570	<0.5	109	87	12	21	<100	12.7	210	31.3	32	6	2.9	36	<1	0.2	2.9	48	3	5.1	1500	9
593550	6143140	6 Li	3	6143140 /593550	2.8	272	20	<0.1	930	<0.5	6	22	34	112	<100	5.7	150	6.2	87	7	4.3	3	<1	<0.1	4.7	2	2	3.9	2900	<2
593600	6143140	7 Li	3	6143140 /593600	19.7	248	180	0.4	750	1	43	83	68	117	<100	9.4	500	39.2	55	8	4.3	31.1	<1	0.1	7.7	20	3	8.5	7200	12
593625	6143140	8 Li	3	6143140 /593625	87.6	80	220	1.9	1020	<0.5	13	738	44	39	<100	2.5	2310	25.3	10	9	1	34	<1	<0.1	10.6	17	<1	45.1	2900	8
593650	6143140	9 Li	3	6143140 /593650	23.3	128	120	0.5	2340	<0.5	127	480	15	7	<100	7.5	380	83.9	9	10	0.9	112	<1	<0.1	4.2	99	<1	31.4	500	4
593675	6143140	10 Li	3	6143140 /593675	41.7	119	150	0.3	2080	<0.5	20	429	26	10	<100	10	990	23.3	7	11	1.1	30.6	<1	<0.1	10.1	24	<1	26.4	1100	4
593700	6143140	11 Li	3	6143140 /593700	31.7	198	440	6.6	940	2	105	120	303	552	<100	23	1240	57.2	48	12	4.5	49.5	<1	0.2	10.6	48	7	2.6	42100	5
593750	6143140	12 Li	3	6143140 /593750	11.2	339	930	0.3	1160	1.4	134	3	21	58	<100	11.3	390	32.7	57	13	5	33.4	<1	0.4	3.2	42	4	0.8	2500	2
593775	6143140	13 Li	3	6143140 /593775	50.8	247	760	1.6	710	5	397	4	9	42	<100	16.2	1580	62.7	45	14	6	89	<1	0.2	6.2	144	<1	0.5	2600	5
593800	6143140	14 Li	3	6143140 /593800	79.1	123	1650	4.9	1700	6.5	231	254	308	30	<100	16.9	650	52.1	21	15	2.1	84.3	<1	0.4	6.1	103	<1	9.7	5800	7
593825	6143140	15 Li	3	6143140 /593825	27.7	329	420	2.6	630	2.3	247	4	17	40	<100	15.4	1640	47.6	46	16	5.5	56.2	<1	0.4	5.5	85	2	0.6	3000	3
593875	6143140	16 Li	3	6143140 /593875	20.8	282	250	0.9	690	<0.5	59	25	20	12	<100	7.9	220	21.8	28	17	2.4	22.5	<1	0.3	2.1	19	2	0.7	2100	2
593900	6143140	17 Li	3	6143140 /593900	10.5	178	20	<0.1	900	<0.5	22	238	49	24	<100	5.3	250	23.3	38	18	4.3	20.2	<1	0.1	4.3	12	3	2.2	3700	2
593925	6143140	18 Li	3	6143140 /593925	12.9	314	80	0.3	860	<0.5	28	11	55	128	<100	10.1	260	16.6	43	19	4.3	12.9	<1	0.2	4.4	9	2	1	10100	3
593950	6143140	19 Li	3	6143140 /593950	10.8	311	50	0.1	830	<0.5	28	11	43	254	<100	8.9	180	10.4	44	20	3.9	8.2	<1	0.2	4	8	2	1.4	11600	4
593975	6143140	20 Li	3	6143140 /593975	3.3	217	20	<0.1	520	<0.5	3	21	5	55	<100	1.3	140	0.8	167	21	6.5	<0.5	<1	<0.1	10.2	1	2	4.3	2600	<2
594000	6143140	21 Li	3	6143140 /594000	4.7	226	<10	<0.1	3020	<0.5	27	416	20	9	<100	5.9	70	7.8	23	22	1.1	8.2	<1	<0.1	3.4	12	<1	3.7	200	<2
594025	6143140	22 Li	3	6143140 /594025	32.9	77	50	0.7	1470	<0.5	55	758	18	53	<100	1.9	1050	34.3	11	23	1	49.1	<1	<0.1	3.8	25	<1	7.2	4100	2
594050	6143140	23 Li	3	6143140 /594050	15.1	165	560	0.8	720	<0.5	150	59	14	34	<100	20.2	260	46.9	24	24	3.6	59.8	<1	0.3	8.2	80	<1	1.4	3800	4
594075	6143140	24 Li	3	6143140 /594075	2.3	120	10	<0.1	2070	<0.5	12	599	2	3	<100	4	80	3.5	7	25	0.9	4.4	<1	<0.1	5	5	<1	4.8	200	<2
594100	6143140	25 Li	3	6143140 /594100	55.9	36	<10	0.1	1720	<0.5	39	1130	5	15	<100	0.4	550	22.3	10	26	<0.5	28.9	1	<0.1	1.4	5	<1	12	800	33
594125	6143140	26 Li	3	6143140 /594125	13	304	60	0.1	380	<0.5	33	<2	10	79	<100	9.2	220	14.5	40	27	3.4	11.4	<1	0.2	2.8	11	1	0.6	5000	2
594150	6143140	27 Li	3	6143140 /594150	13.8	361	420	0.6	2480	<0.5	297	17	8	35	<100	9	350	79.3	44	28	7.1	86.5	<1	0.3	3.2	117	6	1.2	2500	4
593400	6143240	28 Li	4	6143240 /593400	38.5	178	200	1.4	840	0.9	285	167	95	119	<100	20.9	470	60.8	30	29	3.5	70.6	<1	0.2	7.9	118	3	4.9	28900	19
593425	6143240	29 Li	4	6143240 /593425	38	168	20	0.3	1520	<0.5	58	355	29	61	<100	4.7	350	41.9	20	30	1.5	44.4	<1	<0.1	2.9	42	<1	23.6	5700	34
593450	6143240	30 Li	4	6143240 /593450	17.7	110	<10	0.3	2360	<0.5	29	517	9	43	<100	7.5	230	11.9	13	31	1	14.7	<1	<0.1	5.4	15	<1	43.1	3100	41
593475	6143240	31 Li	4	6143240 /593475	11.6	338	140	0.4	2220	0.7	125	24	14	30	<100	11.7	240	35.7	39	32	4.3	37.6	<1	0.2	3.4	52	4	1.3	1500	4
593500	6143240	32 Li	4	6143240 /593500	52.6	299	790	2.1	630	1.4	223	4	9	86	<100	22.1	1190	39	48	33	7	44.2	<1	0.2	7	78	2	0.6	4300	21
593525	6143240	33 Li	4	6143240 /593525	16.1	372	40	<0.1	660	<0.5	52	3	6	27	<100	10.2	120	15.6	68	34	5.5	13.5	<1	0.3	2.6	17	2	0.7	1500	2
593550	6143240	34 Li	4	6143240 /593550	9.5	378	170	<0.1	480	0.6	71	<2	5	44	<100	23	190	17.7	42	35	3.6	15.6	<1	0.3	3.5	23	3	0.6	3000	2
593575	6143240	35 Li	4	6143240 /593575	12.5	363	80	0.2	1140	2.7	344	8	13	40	<100	13.2	440	74.7	30	36	5.7	87.9	<1	0.2	4.1	137	3	0.7	2400	4
593600	6143240	36 Li	4	6143240 /593600	11.6	271	420	0.3	840	2.5	414	95	17	152	<100	16.8	1460	105	31	37	4.2	127	<1	0.2	5.4	280	3	3.8	13200	7
593625	6143240	37 Li	4	6143240 /593625	30.3	344	140	0.8	490	5.1	68	7	121	154	<100	27.9	1120	36.5	28	38	3.6	26.5	1	0.2	12	19	2	1	10000	3
593650	6143240	38 Li	4	6143240 /593650	106	283	70	1.5	1160	<0.5	254	20	200	18	<100	8.9	2560	186	14	39	2.5	169	<1	0.2	3.2	95	3	2.1	2500	<2
593675	6143240	39 Li	4	6143240 /593675	75.2	332	230	1.8	580	4.6	63	3	65	272	<100	18.7	2320	35.7	27	40	4.4	28.9	1	0.2	9.1	25	4	0.8	14800	4
593700	6143240	40 Li	4	6143240 /593700	6.5	328	290	0.9	630	2.9	13	5	27	317	<100	18.8	360	13.4	51	41	6.9	6.7	<1	0.1	7.9	4	4	1.2	15900	4
593725	6143240	41 Li	4	6143240 /593725	5.7	332	50	0.2	1690	<0.5	262	5	9	48	<100	10.9	280	98.4	16	42	1.6	101	<1	0.2	2.9	66	<1	0.7	3300	<2
593750	6143240	42 Li	4	6143240 /593750	81.8	273	880	6.2	760	3.2	451	5	40	67	<100	24.2	1240	101	25	43	3.4	125	<1	0.2	5.7	144	<1	<0.5	9600	4
593775	6143240	43 Li	4	6143240 /593775	15.5	311	30	<0.1	450	<0.5	7	5	20	117	<100	2.8	330	5.6	66	44	5.6	2.5	<1	0.2	4.5	3	4	1	2400	2
593800	6143240	44 Li	4	6143240 /593800	3.9	244	20	<0.1	260	<0.5	5	<2	<1	13	<100	1.5	320	1.7	214	45	7	0.8	<1	0.2	4.2	2	2	0.6	100	2
593825	6143240	45 Li	4	6143240 /593825	17.5	260	40	0.2	490	<0.5	100	148	9	72	<100	8.3	450	21.7	38	46	2.3	24.1	<1	0.1	2.8	43	2	1.3	8700	3
593850	6143240	46 Li	4	6143240 /593850	80.4	343	60	0.7	450	0.7	144	3	50	38	<100	23	2970	68.5	18	47	2.5	55.7	<1	0.2	4.7	35	3	<0.5	2900	3

593875	6143240	47	Li	4	6143240	/593875	13.6	473	110	0.1	1830	<0.5	105	7	45	33	<100	21.3	320	33.5	66	48	8.1	31.3	<1	0.3	5.5	40	10	1.7	2400	2
593900	6143240	48	Li	4	6143240	/593900	10.2	319	40	<0.1	1280	<0.5	100	82	18	57	<100	13	340	30.9	30	49	3.4	33.5	<1	0.1	5.3	35	3	1.6	12300	2
593925	6143240	49	Li	4	6143240	/593925	14.2	364	20	0.8	800	<0.5	68	6	10	231	<100	27.4	2920	32.3	55	50	4.2	27.3	1	0.2	10.8	20	2	1.2	16300	4
593950	6143240	50	Li	4	6143240	/593950	4.1	257	30	<0.1	680	<0.5	35	193	10	32	<100	8.5	80	16.1	44	51	8.6	17.1	<1	0.1	4.2	15	3	3.6	5200	4
593975	6143240	51	Li	4	6143240	/593975	54.6	61	190	1.4	1500	<0.5	8	445	30	17	<100	6	910	8.5	6	52	1	13.3	<1	<0.1	9.1	6	<1	6.9	500	3
594000	6143240	52	Li	4	6143240	/594000	8.9	310	50	0.8	540	<0.5	13	2	25	324	<100	30.3	600	9.2	37	53	3.9	5	<1	0.2	5.3	5	3	0.6	7800	5
594025	6143240	53	Li	4	6143240	/594025	6	389	60	0.1	6400	<0.5	133	40	11	131	<100	12.7	260	51.3	51	54	7.5	51	<1	0.2	5.3	55	7	2.4	9000	2
594050	6143240	54	Li	4	6143240	/594050	5.1	393	50	<0.1	1970	<0.5	56	26	8	19	<100	16.6	140	22.1	52	55	6.1	21.8	<1	0.2	6	23	5	1.5	1500	3
594075	6143240	55	Li	4	6143240	/594075	4.6	306	40	0.1	2500	<0.5	23	187	14	60	<100	6.8	110	19.6	39	56	4.7	14.3	<1	0.1	3.8	10	1	3.9	4400	<2
594100	6143240	56	Li	4	6143240	/594100	10.3	329	20	<0.1	690	<0.5	14	4	10	99	<100	8.6	180	9.2	80	57	5.1	4.8	<1	0.2	7.2	6	5	1.1	2300	4
594125	6143240	57	Li	4	6143240	/594125	7.4	526	400	0.3	3700	1.1	161	6	6	40	<100	22.4	350	31.9	75	58	12.6	31.5	<1	0.3	7.1	61	12	2.3	2000	3
593600	6143340	58	Li	5	6143340	/593600	14.9	213	<10	0.1	2830	<0.5	54	348	24	21	<100	4.6	210	60.9	24	59	1.7	55.1	<1	0.1	3.5	41	<1	21.4	1600	<2
593625	6143340	59	Li	5	6143340	/593625	24.6	271	20	0.3	2030	<0.5	91	167	43	15	<100	8.8	330	71	16	60	1.7	64.6	<1	0.2	4.8	46	1	11.1	2500	<2
593650	6143340	60	Li	5	6143340	/593650	18	373	4040	3.1	1910	0.9	177	78	38	36	<100	24.4	260	40.8	76	61	7.7	43.3	<1	0.4	8.8	73	10	3.7	5900	4
593675	6143340	61	Li	5	6143340	/593675	25.3	337	220	0.3	800	1.1	145	55	14	58	<100	22.9	330	49.3	61	62	6.5	55.8	<1	0.4	7.5	51	3	2.7	7800	6
593700	6143340	62	Li	5	6143340	/593700	12.8	361	240	0.1	1450	<0.5	18	23	208	507	<100	8.6	320	16.6	87	63	6.1	8.3	<1	0.2	8.9	6	6	5.1	17200	3
593725	6143340	63	Li	5	6143340	/593725	306	280	6250	4.8	230	2.3	137	7	28	364	<100	39.4	9850	37.1	396	64	4	36.6	3	0.6	7	47	3	1.1	6800	11
593750	6143340	64	Li	5	6143340	/593750	7.5	473	290	0.1	2770	0.9	173	7	13	55	<100	26.9	340	37.1	93	65	10.7	38.6	<1	0.4	7.7	65	13	2.1	3400	4
593775	6143340	65	Li	5	6143340	/593775	24.4	549	1870	0.7	5790	2.2	534	36	97	38	<100	30.3	720	146	101	66	14.9	164	<1	0.6	11.5	254	27	4.3	2500	4
593800	6143340	66	Li	5	6143340	/593800	10.3	395	130	0.3	1400	0.9	163	6	8	57	<100	23.2	430	35.3	46	67	5.3	38.1	<1	0.3	7.5	57	3	1.2	2600	2
593825	6143340	67	Li	5	6143340	/593825	10.9	329	<10	<0.1	500	<0.5	31	2	6	30	<100	7.2	80	23	50	68	6.2	13.2	<1	0.3	4.4	9	1	0.9	1100	<2
593850	6143340	68	Li	5	6143340	/593850	6.1	409	50	<0.1	960	<0.5	117	4	8	20	<100	21	130	26.8	42	69	3.5	27	<1	0.2	5	41	<1	0.7	1500	<2
593875	6143340	69	Li	5	6143340	/593875	37.7	307	110	0.7	330	0.9	248	13	9	57	<100	18.2	750	63.9	52	70	7.2	70.7	<1	0.4	4.5	77	<1	<0.5	6900	3
593900	6143340	70	Li	5	6143340	/593900	67.1	398	210	1	740	1.4	265	13	10	140	<100	36.9	1070	43.5	72	71	8.6	48.4	<1	0.3	9.7	93	3	1.8	10600	5
593925	6143340	71	Li	5	6143340	/593925	8.3	160	50	0.4	1960	<0.5	99	329	7	17	<100	5.9	300	81	26	72	2.5	103	<1	0.1	3.1	74	<1	2.8	4000	5
593950	6143340	72	Li	5	6143340	/593950	10.8	234	30	0.1	1550	<0.5	47	238	19	148	<100	6.6	420	33.9	62	73	2.9	28.9	<1	0.1	3.2	24	2	2.7	18200	2
593975	6143340	73	Li	5	6143340	/593975	7	385	200	0.1	1920	0.6	259	54	7	27	<100	11	300	107	104	74	10.6	123	<1	0.4	4.6	116	12	1.5	2200	7
594000	6143340	74	Li	5	6143340	/594000	13.2	309	60	0.2	440	<0.5	210	5	9	37	<100	9.4	380	66.9	48	75	5.9	65.2	<1	0.5	3.2	82	4	0.6	1700	3
594025	6143340	75	Li	5	6143340	/594025	6.2	505	300	0.2	3900	0.8	220	20	10	126	<100	27.7	480	59	161	76	16.5	58.9	<1	0.6	9.5	95	20	3.7	10400	5
594050	6143340	76	Li	5	6143340	/594050	7.4	273	10	0.1	480	<0.5	18	4	9	69	<100	12.5	410	4.9	82	77	4.1	4	<1	0.1	11.7	7	3	1.6	1100	3
594075	6143340	77	Li	5	6143340	/594075	7.8	367	30	0.2	1060	<0.5	121	5	67	60	<100	22.8	380	42.6	19	78	3.6	39.5	<1	0.3	4.7	31	3	0.5	10000	3
594100	6143340	78	Li	5	6143340	/594100	11.4	164	<10	<0.1	740	<0.5	11	427	15	57	<100	5.8	250	6.3	47	79	2.8	5.7	<1	<0.1	5.9	5	2	5.6	6100	2
594125	6143340	79	Li	5	6143340	/594125	3	343	30	<0.1	600	<0.5	15	33	10	121	<100	3.7	90	18.5	64	80	4.2	13.1	<1	0.2	2.3	5	1	1.6	5900	<2
594150	6143340	80	Li	5	6143340	/594150	16.2	374	20	<0.1	460	<0.5	34	4	6	20	<100	10.7	110	14.9	42	81	3.4	12	<1	0.3	1.9	13	<1	<0.5	900	<2
594175	6143340	81	Li	5	6143340	/594175	9.7	396	70	<0.1	2290	<0.5	52	4	17	172	<100	21	270	34.5	56	82	5.3	23.3	<1	0.3	7.7	19	3	1.7	13400	2
594200	6143340	82	Li	5	6143340	/594200	4.6	326	10	<0.1	1250	<0.5	68	30	11	81	<100	14.6	170	44.4	19	83	3	39.2	<1	0.2	5.9	23	2	1.3	10100	<2
594225	6143340	83	Li	5	6143340	/594225	14.9	250	20	0.1	1230	<0.5	80	64	10	52	<100	10.2	210	42.5	20	84	2.3	42.6	<1	0.1	6.5	39	1	1	10800	2
594250	6143340	84	Li	5	6143340	/594250	11.6	240	10	0.1	500	<0.5	21	4	4	36	<100	12.1	530	6.4	129	85	3.7	4.1	<1	0.1	9.2	7	2	1	900	4
594275	6143340	85	Li	5	6143340	/594275	2.9	347	30	<0.1	930	<0.5	46	6	16	276	<100	21.9	160	19.9	37	86	4.6	15.8	<1	0.1	9.7	16	3	1.6	16600	3
594300	6143340	86	Li	5	6143340	/594300	5.7	336	30	<0.1	500	<0.5	24	5	10	125	<100	8.5	300	7.5	97	87	8.5	4.6	<1	0.2	10.4	11	5	1.3	4800	3
593425	6143440	87	Li	6	6143440	/593425	16.7	293	80	0.2	1370	<0.5	57	40	180	104	<100	14.8	350	58.5	36	88	4.3	42.5	<1	0.4	4.4	22	2	2.4	11900	<2
593450	6143440	88	Li	6	6143440	/593450	77.6	188	50	0.7	1750	<0.5	58	226	87	4	<100	12.4	350	64.6	16	89	1.1	60.8	<1	0.2	6.7	42	<1	10.9	500	<2
593475	6143440	89	Li	6	6143440	/593475	363	150	430	7.6	480	<0.5	99	290	266	51	<100	12.8	1100	102	12	90	1.7	115	1	<0.1	7.9	129	<1	8.2	14800	2
593500	6143440	90	Li	6	6143440	/593500	418	151	2470	18.5	970	6.4	154	130	256	13	<100	35.1	1840	168	25	91	1.6	214	1	0.3	8.7	208	<1	3.5	1600	3
593525	6143440	91	Li	6	6143440	/593525	29.3	307	280	1.1	1010	0.7	100	4	62	129	<100	20.4	590	76.1	31	92	4.4	59.7	<1	0.9	6.4	34	2	1.2	12600	3
593550	6143440	92	Li	6	6143440	/593550	24.1	234	50	0.6	790	<0.5	24	4	25	16	<100	5.7	1420	105	29	93	1.9	55.4	<1	1.1	1.5	6	<1	0.7	200	<2
593575	6143440	93	Li	6	6143440	/593575	24.3	212	20	0.2	820	<0.5	125	47	33	208	<100	5.1	760	130	37	94	4.4	103	<1	0.4	3	33	3	2.9	3000	<2

593600	6143440	94	Li	6	6143440	/593600	13.8	172	30	0.1	1640	<0.5	45	330	55	31	<100	2.7	380	70.6	72	95	3.1	52.7	<1	0.2	3.3	28	3	11.3	4500	3
593625	6143440	95	Li	6	6143440	/593625	12.1	330	190	<0.1	1070	0.6	62	10	28	27	<100	13.3	360	38.9	71	96	9.9	32.1	<1	0.5	4.4	23	8	1.5	900	4
593650	6143440	96	Li	6	6143440	/593650	8	362	80	0.4	6010	<0.5	689	140	43	21	<100	9.4	640	492	47	97	4.3	467	<1	0.3	3.1	268	3	4.4	400	<2
593675	6143440	97	Li	6	6143440	/593675	13.4	247	190	1.4	1930	1.7	38	17	44	290	<100	12.6	910	39.2	100	98	5.1	19.4	<1	0.4	9.2	16	6	2.3	15600	7
593700	6143440	98	Li	6	6143440	/593700	10.4	292	20	0.1	810	<0.5	28	<2	8	43	<100	12.9	130	21.6	61	99	5.2	10.8	<1	0.2	4.2	10	7	0.7	800	2
593725	6143440	99	Li	6	6143440	/593725	11.8	331	160	0.2	2420	<0.5	537	42	17	81	<100	29	430	165	72	100	7	212	<1	0.3	6.6	207	7	2.2	6200	5
593750	6143440	100	Li	6	6143440	/593750	14.6	223	20	<0.1	1030	<0.5	63	141	24	52	<100	8.8	250	26.5	49	101	3.1	26.8	<1	0.1	4.5	25	2	2	5700	5
593775	6143440	101	Li	6	6143440	/593775	2	220	<10	<0.1	810	<0.5	61	86	8	51	<100	3.8	130	75.1	48	102	6.3	62	<1	0.2	3.5	24	5	2.2	2700	<2
593800	6143440	102	Li	6	6143440	/593800	9.1	220	10	<0.1	700	<0.5	48	140	23	115	<100	3.9	180	61.9	32	103	3.4	51.1	<1	0.1	2.2	22	2	2.7	10300	<2
593825	6143440	103	Li	6	6143440	/593825	14.3	329	30	<0.1	1140	<0.5	41	3	9	39	<100	11.5	140	23.2	44	104	5	16.3	<1	0.4	2.9	13	3	0.8	1800	2
593850	6143440	104	Li	6	6143440	/593850	16.7	155	<10	<0.1	1980	<0.5	37	332	5	110	<100	6.4	310	44.4	18	105	1.1	48.5	<1	<0.1	2.6	47	<1	2.6	12700	4
593875	6143440	105	Li	6	6143440	/593875	7.8	105	10	0.2	2360	<0.5	31	360	21	194	<100	6.7	650	17.9	50	106	1.8	17.9	<1	<0.1	15.5	15	2	6.2	30900	8
593900	6143440	106	Li	6	6143440	/593900	44.6	290	10	<0.1	1110	<0.5	108	2	5	16	<100	12.3	310	45.7	20	107	2.1	39.8	<1	0.4	1.7	34	1	<0.5	200	<2
593925	6143440	107	Li	6	6143440	/593925	11.5	151	<10	<0.1	2420	<0.5	30	559	9	41	<100	2.8	290	19	15	108	0.7	16.6	<1	<0.1	2.4	14	<1	3.1	3500	<2
593950	6143440	108	Li	6	6143440	/593950	11.5	317	40	0.1	360	3.2	81	11	4	49	<100	10.4	330	42.6	11	109	2.4	28.2	<1	0.3	4.1	26	<1	0.6	2000	<2
593975	6143440	109	Li	6	6143440	/593975	6.1	185	<10	<0.1	1330	<0.5	235	99	8	3	<100	8	140	109	12	110	0.8	106	<1	0.2	2.8	85	<1	2.1	400	<2
594000	6143440	110	Li	6	6143440	/594000	12	254	100	<0.1	3790	<0.5	519	145	10	52	<100	11.6	310	175	75	111	10	222	<1	0.3	4.7	215	11	3.8	4000	2
594025	6143440	111	Li	6	6143440	/594025	12.7	281	<10	<0.1	390	<0.5	17	<2	11	33	<100	8.4	130	24.1	28	112	5.5	14.3	<1	0.3	4.3	5	3	0.9	800	<2
594050	6143440	112	Li	6	6143440	/594050	12.4	131	<10	0.1	4910	<0.5	231	515	4	3	<100	11.4	190	158	8	113	0.8	161	3	<0.1	4.8	81	<1	10.5	100	2
594075	6143440	113	Li	6	6143440	/594075	14.3	136	<10	0.1	1290	<0.5	96	298	8	26	<100	8.3	280	43.9	12	114	1.1	46.3	<1	<0.1	4.6	32	<1	2.7	6700	7
594100	6143440	114	Li	6	6143440	/594100	16.8	105	<10	0.4	2300	<0.5	48	303	53	169	<100	3.8	1530	67.9	39	115	1.6	52.7	<1	<0.1	2.6	21	2	8.1	9600	3
594125	6143440	115	Li	6	6143440	/594125	4.4	302	70	<0.1	1120	<0.5	49	3	15	104	<100	11.3	240	14.4	54	116	4.2	10.6	<1	0.3	2.4	12	5	1	6000	2
593400	6143540	116	Li	10	6143540	/593400	3.7	313	170	0.2	770	0.9	57	4	10	47	<100	16.7	170	31.2	34	117	4.6	26.3	<1	0.1	5.3	19	3	0.8	8000	3
593425	6143540	117	Li	10	6143540	/593425	11.3	285	40	<0.1	1380	<0.5	95	2	7	17	<100	18.1	190	39.4	36	118	3	35.5	<1	0.4	3.2	27	<1	0.6	600	<2
593450	6143540	118	Li	10	6143540	/593450	13.2	311	60	0.2	1330	<0.5	275	40	8	32	<100	17.1	270	63.7	38	119	4.8	70.9	<1	0.2	8.1	115	3	2.5	4400	2
593475	6143540	119	Li	10	6143540	/593475	12.4	288	80	0.2	2240	<0.5	190	32	9	88	<100	13.6	420	53.2	53	120	4.6	57.5	<1	0.2	3.2	75	4	2.3	4800	<2
593500	6143540	120	Li	10	6143540	/593500	38	282	580	1.4	910	<0.5	143	18	159	9	<100	12.1	410	71.4	21	121	1.4	71.3	<1	0.8	2.9	52	<1	0.9	900	<2
593525	6143540	121	Li	10	6143540	/593525	9	285	50	<0.1	870	<0.5	244	8	17	22	<100	11.5	200	81.8	54	122	6.5	85.7	<1	0.4	3.1	81	<1	0.8	2000	<2
593550	6143540	122	Li	10	6143540	/593550	6	293	30	0.1	650	<0.5	104	3	6	23	<100	16.6	270	48.4	24	123	2.5	44.9	<1	0.2	4.6	33	<1	<0.5	1200	<2
593575	6143540	123	Li	10	6143540	/593575	9.5	238	30	<0.1	1810	<0.5	118	47	9	35	<100	10.9	340	97.4	21	124	2.9	82.1	<1	0.3	4.8	47	2	5.7	5300	3
593600	6143540	124	Li	10	6143540	/593600	26.7	186	<10	<0.1	1340	<0.5	170	91	6	22	<100	3.4	190	138	29	125	2.7	131	<1	0.2	2.5	67	<1	4.2	1100	<2
593625	6143540	125	Li	10	6143540	/593625	10.1	195	240	0.1	1550	<0.5	131	171	11	59	<100	11	420	57.3	54	126	5.6	62.4	<1	0.2	5.4	63	3	3.9	10200	13
593650	6143540	126	Li	10	6143540	/593650	12.6	274	50	<0.1	1320	<0.5	47	3	11	39	<100	8	200	31.3	49	127	4.9	23.9	<1	0.3	2.4	14	5	1.1	600	<2
593675	6143540	127	Li	10	6143540	/593675	14	311	60	<0.1	1180	<0.5	128	3	14	27	<100	21.8	190	51.7	51	128	3.6	53.7	<1	0.4	5	39	4	1	1500	<2
593700	6143540	128	Li	10	6143540	/593700	4.8	295	240	<0.1	1180	1	511	19	12	45	<100	21.9	1810	465	92	129	8.5	441	<1	0.4	6.3	121	6	1.3	5500	7
593725	6143540	129	Li	10	6143540	/593725	35.1	81	<10	0.2	2390	<0.5	19	529	12	51	<100	6.7	760	41.1	11	130	0.8	54.9	<1	<0.1	6.3	33	<1	15.2	4600	<2
593750	6143540	130	Li	10	6143540	/593750	14.1	216	10	<0.1	2610	<0.5	56	270	8	197	<100	6.2	230	27.8	52	131	2.4	25.6	<1	0.2	3.2	20	2	2.9	11400	3
593775	6143540	131	Li	10	6143540	/593775	15.1	255	10	0.2	1120	<0.5	50	34	7	39	<100	7.4	520	32.3	60	132	2.8	26.8	<1	0.2	3.1	17	3	1.5	1000	<2
593800	6143540	132	Li	10	6143540	/593800	7.7	340	30	<0.1	930	<0.5	148	4	18	72	<100	17.3	150	49.4	44	133	4.2	48.2	<1	0.3	4.9	44	3	1.1	5000	<2
593825	6143540	133	Li	10	6143540	/593825	8.9	365	30	<0.1	1600	<0.5	105	5	9	31	<100	16.8	160	31.3	43	134	4.8	29.9	<1	0.3	4	32	3	1.2	2300	<2
593850	6143540	134	Li	10	6143540	/593850	6.9	342	20	<0.1	1130	<0.5	111	4	7	169	<100	19	280	56.7	37	135	4.3	52.8	<1	0.3	4.9	35	2	1	13000	3
593875	6143540	135	Li	10	6143540	/593875	5.6	344	120	<0.1	2650	<0.5	72	92	14	43	<100	39.4	270	24.4	65	136	5.1	22.9	<1	0.2	10.9	32	8	3.9	3200	2
593900	6143540	136	Li	10	6143540	/593900	51.6	229	20	<0.1	3090	<0.5	241	388	20	25	<100	6.9	460	209	28	137	2.3	225	<1	<0.1	4.6	103	2	12.5	1800	<2
593925	6143540	137	Li	10	6143540	/593925	10.6	328	60	0.2	4000	<0.5	271	103	5	28	<100	14.4	260	90	48	138	5.9	101	<1	0.2	4.8	137	7	3.3	2000	<2
593950	6143540	138	Li	10	6143540	/593950	15	84	<10	<0.1	2290	<0.5	11	882	24	26	<100	6.9	1160	50.7	9	139	0.9	43.5	<1	<0.1	2.5	2	<1	6.3	1100	<2
593975	6143540	139	Li	10	6143540	/593975	12.4	379	100	0.1	4310	<0.5	454	5	8	38	<100	21.8	270	219	68	140	6.2	224	<1	0.2	8.3	164	4	2.1	600	2
594000	6143540	140	Li	10	6143540	/594000	10.7	157	60	<0.1	1330	<0.5	88	272	26	7	<100	32.4	250	55.9	15	141	1.6	67.6	<1	<0.1	7.8	63	<1	5.4	400	<2

594025	6143540	141	Li	10	6143540	/594025	33.2	107	<10	0.3	1400	<0.5	36	420	21	43	<100	12.6	470	17.2	7	142	0.7	20.4	<1	<0.1	8	14	<1	10.2	7500	3
594050	6143540	142	Li	10	6143540	/594050	20.9	112	10	0.2	2570	<0.5	67	441	31	400	<100	5.9	1330	22.6	21	143	2	29.3	<1	<0.1	6.5	29	1	14.6	45400	14
594075	6143540	143	Li	10	6143540	/594075	12	155	<10	0.2	2680	<0.5	122	390	30	103	<100	11.2	370	97.1	12	144	0.8	115	<1	<0.1	6.1	87	<1	5.2	16100	4
594100	6143540	144	Li	10	6143540	/594100	6	291	20	<0.1	480	<0.5	10	3	10	52	<100	6.2	150	6.1	79	145	3.7	2.9	<1	0.2	3.3	5	2	0.9	600	<2
594125	6143540	145	Li	10	6143540	/594125	4	366	150	<0.1	2790	<0.5	234	27	9	86	<100	18.5	360	87.4	127	146	12	90.6	<1	0.5	6.8	76	15	5.8	5000	3
593950	6143125	146	Li	1	593950	/6143150	7.6	298	40	<0.1	1160	0.5	10	14	24	208	<100	7.5	150	8.2	109	147	5.6	4.6	<1	0.3	4.3	3	1	2.5	7500	2
593950	6143150	147	Li	1	593950	/6143175	8.1	260	30	<0.1	890	<0.5	26	32	16	89	<100	5.1	540	21.7	69	148	4.3	15.7	<1	0.2	3.1	9	2	1.5	2100	<2
593950	6143175	148	Li	1	593950	/6143200	7.9	313	10	<0.1	2890	<0.5	85	36	9	104	<100	10.3	320	51.4	32	149	2.2	46.8	<1	0.2	2.8	31	2	1.4	6500	<2
593950	6143200	149	Li	1	593950	/6143250	5.7	336	30	0.1	1420	<0.5	42	9	30	42	<100	11.1	270	18.9	79	150	5.9	15.3	<1	0.3	5.6	16	4	1.5	1000	2
593950	6143250	150	Li	1	593950	/6143275	10.4	306	<10	<0.1	520	<0.5	21	<2	21	59	<100	9.5	350	14.3	34	151	4.5	9.4	<1	0.2	5.3	7	3	0.8	2100	3
593950	6143275	151	Li	1	593950	/6143300	24.3	145	<10	<0.1	1800	<0.5	11	476	25	11	<100	4.1	300	17.7	11	152	0.7	17.3	<1	<0.1	4.7	10	<1	3.2	1700	4
593950	6143300	152	Li	1	593950	/6143325	14.3	256	<10	0.2	780	<0.5	102	18	17	7	<100	15.2	280	51.9	12	153	2.9	50.3	<1	0.1	2.5	30	<1	<0.5	1900	<2
593950	6143325	153	Li	1	593950	/6143350	5.5	228	20	0.2	4720	<0.5	173	412	5	8	<100	9.1	310	159	22	154	3.9	161	<1	<0.1	4.5	107	6	2.8	400	<2
593950	6143350	154	Li	1	593950	/6143375	49.3	128	<10	0.1	3190	<0.5	448	791	16	10	<100	1.5	610	260	14	155	1	285	3	<0.1	4	114	<1	62.9	500	<2
593950	6143375	155	Li	1	593950	/6143400	8	309	30	<0.1	3040	<0.5	356	147	7	12	<100	11.1	190	147	32	156	3.1	166	<1	0.2	4	149	3	5.9	700	<2
593950	6143400	156	Li	1	593950	/6143425	3.3	354	30	<0.1	1680	<0.5	166	9	6	27	<100	15.7	120	36.7	25	157	2.6	35.5	<1	0.1	4.1	56	1	1.2	2600	<2
593950	6143425	157	Li	1	593950	/6143450	7.4	366	30	<0.1	1840	<0.5	110	<2	9	18	<100	22.2	120	24.6	29	158	2.1	25.1	<1	0.2	3.6	39	<1	<0.5	1000	<2
593950	6143450	158	Li	1	593950	/6143475	19.4	337	40	<0.1	7540	<0.5	508	239	10	18	<100	3.8	570	423	48	159	4.4	426	<1	0.3	3.7	193	2	14.1	1200	<2
593950	6143475	159	Li	1	593950	/6143500	12.3	344	80	0.1	3980	<0.5	528	32	15	31	<100	16.1	300	162	48	160	3.8	173	<1	0.3	3.5	195	3	2.1	900	<2
593600	6143500	160	Li	2	93600	/6143100	22.8	215	280	0.6	2320	<0.5	105	309	49	242	<100	9	740	73.6	42	161	2.7	74.2	<1	0.2	6.8	76	<1	24.2	18200	56
593600	6143100	161	Li	2	93600	/6143125	33	333	1110	1.8	680	18.3	67	17	71	69	<100	13.2	630	53.1	57	162	6.3	38.7	<1	0.4	10	24	4	2.2	3100	8
593600	6143125	162	Li	2	93600	/6143150	13.7	268	240	0.4	720	<0.5	52	66	331	65	<100	11.2	510	60.6	59	163	7.4	41.5	<1	0.2	12.7	19	6	9.6	1400	4
593600	6143150	163	Li	2	93600	/6143175	22.3	398	90	0.2	1700	<0.5	112	18	74	63	<100	15.1	1060	55.5	40	164	3.2	45	<1	0.4	4.8	33	2	2.4	2200	2
593600	6143175	164	Li	2	93600	/6143200	17.2	386	80	0.2	1460	<0.5	78	7	147	23	<100	11.9	270	29.9	41	165	2.6	24.7	<1	0.3	3.6	27	3	1.2	800	<2
593600	6143200	165	Li	2	93600	/6143225	27.8	333	70	0.1	640	2.4	36	8	86	275	<100	10.9	480	27.5	51	166	8.7	19.3	<1	0.2	5.3	13	4	1.3	9800	4
593600	6143225	166	Li	2	93600	/6143250	80.4	338	840	2	960	3.3	213	27	466	215	<100	25.5	4670	95.9	45	167	5.3	102	1	0.2	7.5	101	5	2	23800	4
593600	6143250	167	Li	2	93600	/6143275	131	428	1830	89.1	660	369	99	3	46	197	<100	34.1	1460	69	71	168	5.3	54.7	1	0.5	6.1	41	5	1	12000	3
593600	6143275	168	Li	2	93600	/6143300	16.3	353	20	<0.1	630	<0.5	70	<2	9	18	<100	13.6	160	24.6	46	169	4.1	18.8	<1	0.4	3.4	24	<1	<0.5	800	<2
593600	6143300	169	Li	2	93600	/6143325	7.7	342	30	<0.1	890	<0.5	263	4	8	13	<100	14.1	340	59.9	19	170	3.5	63.3	<1	0.2	3.7	91	<1	<0.5	700	<2
593600	6143325	170	Li	2	93600	/6143350	8.7	361	40	<0.1	830	0.8	85	4	8	20	<100	16	120	22.4	50	171	4.9	19.6	<1	0.3	3.1	30	1	0.5	900	<2
593600	6143350	171	Li	2	93600	/6143375	7	447	180	0.2	2290	<0.5	344	8	13	96	<100	29.4	370	61.9	81	172	9.3	68.1	<1	0.4	10.6	118	9	2.3	6300	3
593600	6143375	172	Li	2	93600	/6143400	14.6	132	10	0.3	1920	<0.5	21	449	8	55	<100	4.8	390	23.3	10	173	1.4	30.7	<1	<0.1	3.7	21	<1	7.3	4800	8
593600	6143400	173	Li	2	93600	/6143425	58.5	184	150	1.2	2140	<0.5	42	265	82	18	<100	8.8	1190	102	23	174	1.9	106	<1	<0.1	6.4	65	3	5.7	1900	3
593600	6143425	174	Li	2	93600	/6143450	4.3	343	70	<0.1	1960	<0.5	203	22	8	21	<100	13.9	200	48.2	35	175	4.6	57.9	<1	0.3	3.9	63	7	1.6	1100	<2
593600	6143450	175	Li	2	93600	/6143475	3.6	254	40	<0.1	1050	<0.5	53	42	19	150	<100	10.9	260	68.5	25	176	3.7	52.2	<1	0.1	8	20	5	4.2	11400	<2
593600	6143475	176	Li	2	93600	/6143500	4.4	212	30	<0.1	820	<0.5	20	67	36	224	<100	6.5	270	27.9	60	177	3.8	16.1	<1	<0.1	17.5	9	5	5.6	12700	2

Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	r	Rb	Sb	Sc	Sm	Sn	Sr	T	Ta	Tb	Th	Ti	Tl	U	u1	W	Y	Yb	Zn	Zr
1.8	31	51	8.1	192	<1	6.6	<0.1	5.1	189	2.3	28	10	<1	60	10	<1	2.1	11	350	0.3	4.9	3.2	0.6	45	3.1	250	79
0.5	47	66	4.2	5200	<1	7.7	<0.1	13.3	163	3.1	22	17	<1	350	10	<1	4.9	3.6	240	0.3	4.6	7.5	<0.5	150	8	1800	25
<0.5	59	55	1.3	484	<1	11	<0.1	13.9	121	0.6	25	18	<1	260	10	<1	4.4	1.8	120	0.2	3.1	6.7	<0.5	149	8.4	470	14
<0.5	79	41	0.1	110	<1	14.5	<0.1	14.4	125	2.9	8	27	<1	2330	10	<1	5.1	1.9	<10	<0.1	19.5	14	<0.5	183	9.7	100	8
<0.5	94	19	2.9	213	<1	19.1	<0.1	13.7	158	4.7	38	29	<1	370	<10	<1	5.6	7.3	190	0.3	4.8	10.9	<0.5	174	8.2	210	72
1	4	60	3	131	<1	0.7	<0.1	3.6	114	<0.5	16	2	<1	360	<10	<1	0.7	2.2	100	0.5	2.2	0.7	<0.5	32	2.3	420	19
<0.5	57	65	2.5	179	<1	10	<0.1	19.8	198	5.9	26	21	<1	660	<10	<1	5.8	4.4	100	1.4	19.9	10.6	0.9	232	13.4	360	18
<0.5	59	127	<0.1	58	<1	9.3	<0.1	12.9	168	3.2	6	24	<1	5020	<10	<1	4.5	0.8	<10	0.2	210	12.7	<0.5	174	8.1	520	4
<0.5	249	40	0.1	92	<1	44.3	<0.1	36.7	120	3.2	44	86	<1	3370	<10	<1	15.1	3.2	<10	0.3	93.8	34.4	<0.5	513	22.4	50	10
<0.5	59	28	0.1	101	<1	10.8	<0.1	8.7	164	4.4	11	22	<1	2990	<10	<1	4.2	4.4	<10	0.2	15.5	9.4	<0.5	108	5	470	50
0.6	103	306	2.7	274	<1	20.5	<0.1	30.2	157	4.8	86	35	<1	600	<10	<1	8.5	5.5	140	0.3	37.5	19	0.7	369	22.1	6850	42
1.5	92	36	3.4	670	<1	18.4	<0.1	12.4	97	5	50	29	<1	50	<10	<1	5.5	7.4	340	0.4	4.9	10.6	0.8	134	7.3	500	62
1.3	289	14	8.4	922	<1	61.4	<0.1	26.5	121	3.4	72	84	<1	20	<10	<1	12	15.3	300	0.4	7.3	30.7	4.4	282	17.5	330	97
<0.5	258	42	1	93	<1	46.1	<0.1	23.3	84	7.5	42	76	<1	1300	<10	<1	10.4	6	60	0.1	3.9	27.5	<0.5	302	15.1	1450	25
1.1	168	19	13.7	1210	<1	34	<0.1	20	121	1.9	67	50	<1	10	<10	<1	8.6	14.4	310	0.3	4.7	20	2.9	209	12.6	280	87
0.9	56	17	2.8	229	<1	10.2	<0.1	7.8	91	0.7	19	18	<1	140	<10	<1	3.8	3.1	160	<0.1	3.3	7.1	<0.5	96	4.1	110	28
<0.5	34	75	1	133	<1	5.8	<0.1	12.4	81	<0.5	31	13	<1	890	<10	<1	3.5	2.2	120	0.3	6.5	5.9	<0.5	176	8.2	370	22
1	23	26	6.8	672	<1	4.2	<0.1	7.5	107	0.6	26	8	<1	100	<10	<1	2.7	4.5	210	0.4	2.8	3.6	<0.5	75	3.9	770	39
0.8	16	32	4.6	317	<1	3	<0.1	4.9	88	1	19	6	<1	130	<10	<1	1.7	5.6	260	0.3	2.6	2.2	<0.5	42	2.9	430	35
0.7	1	24	1.6	7	<1	<0.5	<0.1	0.9	31	<0.5	9	<1	<1	330	<10	<1	0.1	1.3	150	0.1	1	0.2	<0.5	5	0.9	90	17
<0.5	20	34	0.3	114	<1	3.9	<0.1	3	100	<0.5	14	6	<1	2210	<10	<1	1.3	2.3	20	0.2	1.2	2.4	<0.5	37	1.6	110	9
<0.5	83	61	<0.1	32	<1	13.5	<0.1	13.4	57	0.7	12	33	<1	6280	<10	<1	6.4	4.1	<10	<0.1	5.8	14.6	<0.5	197	7.7	90	17
0.6	173	15	5.4	320	<1	34.4	<0.1	18.4	162	2.2	60	51	<1	250	<10	<1	8.6	10.4	170	<0.1	5.8	22.8	0.5	237	12.2	300	77
<0.5	10	26	<0.1	30	<1	1.8	<0.1	1.1	86	<0.5	6	3	<1	4510	<10	<1	0.6	1.5	<10	0.2	1.6	1.3	<0.5	15	0.6	20	6
<0.5	29	71	<0.1	18	<1	3.9	<0.1	9.7	11	1.4	31	15	<1	9980	<10	<1	3.7	2.4	<10	<0.1	6	7.3	<0.5	107	5.2	40	2
1	23	24	3.6	435	<1	4.6	<0.1	5.8	66	0.9	29	8	<1	10	<10	<1	2.3	4.1	300	<0.1	2.9	3.1	<0.5	54	3.7	150	42
5.3	253	19	3.4	347	<1	51.6	<0.1	30.9	78	3.2	45	72	<1	160	<10	<1	14.1	12.8	300	0.2	7.7	26	<0.5	422	18.3	230	279
0.6	207	88	4.5	267	<1	42.5	<0.1	29.7	158	4	58	60	<1	720	<10	<1	10.6	13.3	150	0.5	37.5	27.1	1	349	21.2	980	76
<0.5	93	59	0.5	180	<1	16.6	<0.1	20.8	75	0.9	41	32	<1	2670	<10	<1	6.8	2.6	20	0.2	34.1	14	<0.5	274	13.6	90	18
<0.5	32	44	<0.1	120	<1	6.2	<0.1	4.7	106	0.8	5	11	<1	5010	<10	<1	2.1	2.2	<10	0.1	47.6	4.1	<0.5	59	2.7	140	9
0.7	105	22	4.6	448	<1	21.2	<0.1	13.8	103	5.9	39	31	<1	210	<10	<1	6.4	10.2	290	0.3	15.2	10.5	<0.5	160	8.2	270	81
1.2	137	19	13.4	605	<1	29.2	<0.1	16.9	184	8.9	66	40	<1	10	<10	<1	6.8	17.7	340	0.9	17.5	15.9	2.9	162	11.4	170	106
2.7	34	18	13.1	223	<1	7.1	<0.1	7.5	112	0.8	38	11	<1	40	<10	<1	2.4	12.5	940	0.4	5.8	3.5	0.7	60	5.1	80	101
3.4	44	19	7.6	312	<1	9.7	<0.1	7.1	202	2.4	37	14	<1	<10	<10	<1	2.9	12.6	680	0.3	5.3	4.4	0.9	64	4.8	130	171
0.9	269	29	12.9	377	<1	55	<0.1	33.8	148	2.8	89	78	<1	50	<10	<1	13.3	18.2	400	0.6	12.4	28	1.4	371	20.2	130	93
<0.5	423	97	4.2	181	<1	92.3	<0.1	48.7	219	6.3	71	112	<1	310	<10	<1	18.4	12.1	190	1	28.8	50.2	0.8	601	30.8	110	48
<0.5	53	137	5.8	1350	<1	9.7	<0.1	18	165	11.6	36	19	<1	70	<10	<1	5.3	5.3	100	0.5	4.5	8.7	0.7	180	11.5	2270	27
<0.5	392	25	3.1	538	<1	69.3	<0.1	95.8	94	2	115	126	<1	220	<10	<1	29.5	5.9	70	0.2	8.3	51.8	<0.5	1220	63.2	2210	24
<0.5	57	76	7.4	3110	<1	10.8	<0.1	19.3	149	8.6	44	21	<1	40	<10	<1	5.4	6.4	200	0.7	14.3	12.2	1	188	11.8	810	37
1	9	68	10.9	171	<1	1.5	<0.1	8.4	109	1.9	26	3	<1	80	<10	<1	1.6	5.6	240	0.4	20.7	1.9	2.2	72	5.8	550	55
<0.5	264	24	3.1	447	<1	50.3	<0.1	38.3	98	0.6	89	82	<1	80	<10	<1	16.9	3.7	60	0.3	2.1	28.8	<0.5	461	21.8	40	27
<0.5	385	28	6.4	1300	<1	74.6	<0.1	42.9	134	4.6	135	116	<1	20	<10	<1	17.8	16.6	100	0.3	5.3	45.6	1.7	446	29.1	820	75
0.8	5	27	3.8	110	<1	1	<0.1	4.2	58	<0.5	34	2	<1	80	<10	<1	0.6	3.3	110	0.4	2.9	0.8	0.5	27	2.6	350	28
4.9	3	29	2.5	16	<1	0.6	<0.1	1.2	24	<0.5	20	<1	<1	20	<10	<1	0.1	2.4	310	0.3	2.4	0.3	0.5	8	1.3	30	48
0.5	64	17	3	201	<1	13.9	<0.1	8	95	2.5	37	20	<1	260	<10	<1	3.8	8.9	210	0.6	4.2	6.6	<0.5	84	4.5	70	51
0.5	122	33	3.6	1070	<1	22.9	<0.1	29.9	170	1.3	71	42	<1	10	<10	<1	10.6	4.3	90	0.4	6.3	20.1	<0.5	300	19.3	2230	46

1.2	78	23	6.3	386	<1	16	<0.1	12.9	182	7.6	65	25	<1	90	<10	<1	5.6	11.9	410	1.1	4.3	9.6	0.5	140	8.2	2500	162
0.9	82	32	4.4	214	<1	15.7	<0.1	13.8	137	1.3	37	27	<1	310	<10	<1	5.4	6.9	310	0.6	3.5	9.7	<0.5	161	8.3	130	55
<0.5	51	121	9.1	152	<1	9.7	<0.1	15	122	0.5	50	20	<1	50	<10	<1	5.2	9.1	170	0.6	2.7	8.6	5.2	137	9.4	240	37
1.2	36	43	6.1	86	<1	6.6	<0.1	7.6	70	3.1	32	13	<1	440	<10	<1	2.5	5.2	420	0.5	3.5	4.2	<0.5	84	5.2	190	58
<0.5	21	32	0.3	30	<1	3.2	<0.1	3.3	84	0.5	7	9	<1	2910	<10	<1	1.6	1.4	<10	0.2	3.2	4.3	<0.5	43	1.9	830	7
1.5	8	29	4.8	208	<1	1.6	<0.1	5.8	127	0.5	22	3	<1	30	<10	<1	1.1	4.7	260	1	3.4	1.2	0.7	44	3.5	250	47
0.7	120	35	2.2	249	<1	23.8	<0.1	19.3	119	5.4	58	39	<1	650	<10	<1	9.2	6.2	430	0.9	3.2	14.9	<0.5	273	10.4	200	85
1	51	23	6.9	257	<1	9.9	<0.1	10	180	2.6	37	17	<1	200	<10	<1	3.6	7.5	390	0.9	2.9	6.8	<0.5	110	6.1	190	76
<0.5	28	43	1.2	327	<1	4.8	<0.1	9.9	99	1.1	23	9	<1	1660	<10	<1	2.9	2.5	150	0.6	3	3.8	<0.5	125	6.6	130	22
1.8	9	30	7.5	201	<1	1.8	<0.1	5.7	58	<0.5	28	3	<1	80	<10	<1	1	5.3	270	0.5	2.6	1.3	<0.5	42	3.9	190	49
2.3	95	29	8.4	1000	<1	21.8	<0.1	13.5	147	7.2	77	28	<1	90	<10	<1	5.2	13.1	980	1	4.4	9.3	0.7	141	8.5	380	219
<0.5	101	104	0.3	266	<1	18.3	<0.1	30.2	93	1	71	37	<1	4590	<10	<1	9.5	5	<10	0.4	37.4	15.8	<0.5	389	20.4	50	26
<0.5	132	60	1.4	214	<1	23.7	<0.1	34.2	143	1.1	62	47	<1	1550	<10	<1	11.2	4.3	40	0.5	17.5	19.6	<0.5	454	22.2	230	25
0.7	129	38	7.5	611	<1	27.3	<0.1	17.7	173	21.5	70	38	<1	400	<10	<1	6.9	17.4	350	0.9	12.5	13.7	0.8	204	11.8	710	124
3.1	144	25	8.5	338	<1	25.5	<0.1	20.7	142	4.9	61	46	<1	230	<10	<1	8.5	13.6	660	0.8	10.3	15.5	37.6	236	12.3	190	100
0.7	14	76	5.8	313	<1	2.6	<0.1	9.2	111	5.2	38	5	<1	300	<10	<1	2.1	7.5	270	1	5.2	2.3	<0.5	79	6.2	2240	50
1.3	99	118	12.4	6340	<1	20.3	<0.1	20.1	119	53.3	85	33	<1	20	<10	<1	6.1	10.8	390	0.6	13.3	14.3	2.3	159	15	550	57
1.7	116	37	8.1	447	<1	24.1	<0.1	15.6	166	12	72	33	<1	100	<10	<1	6.3	15.9	1030	1.1	12.2	10.6	1	161	10.3	410	170
1.2	502	47	10.4	399	<1	99.2	<0.1	62.1	150	17.8	156	135	<1	430	<10	<1	25.4	17.9	1250	1.2	6.9	46	1.4	883	33.6	1360	210
1.4	114	33	5.9	238	<1	24.2	<0.1	15.2	173	2.7	49	34	<1	40	<10	<1	6.1	10.8	540	1	5	11.2	<0.5	147	9.5	230	112
2.1	26	34	7.5	106	<1	4.6	<0.1	12	82	<0.5	40	9	<1	30	<10	<1	3.1	3.6	380	0.7	3.2	3.4	<0.5	109	8.1	90	44
1.6	79	26	7.2	200	<1	16.4	<0.1	10.8	173	1.9	44	24	<1	20	<10	<1	4.5	9.8	650	0.8	3.6	7.1	<0.5	102	6.1	150	100
3.5	200	21	10.8	782	<1	40.4	<0.1	26.5	125	1.7	79	62	<1	30	<10	<1	10.6	16.5	850	0.6	9.2	26.7	0.8	285	16.3	170	194
2	150	47	17.4	1400	<1	32.9	<0.1	16.5	160	6.8	73	43	<1	80	<10	<1	7.9	15.4	1030	0.9	6.1	17.5	1	186	9.9	420	127
<0.5	223	25	0.5	94	<1	40.6	<0.1	37.5	90	3.1	95	80	<1	1430	<10	<1	14.2	5.2	270	0.6	13.8	29.8	<0.5	465	19.8	110	48
<0.5	54	78	0.8	218	<1	10.4	<0.1	18	76	2.2	76	19	<1	1210	<10	<1	4.8	5.6	60	0.5	5.7	7.7	<0.5	215	11.3	240	40
2.9	311	26	3.4	434	<1	57.4	<0.1	47.2	91	12.8	130	94	<1	260	<10	<1	18.2	14.6	390	0.8	5.4	33.3	0.6	619	29.1	350	142
7.5	188	19	5	555	<1	39.5	<0.1	30	76	2.1	112	54	<1	30	<10	<1	10.4	9.6	410	0.5	5.6	18.6	<0.5	369	20	80	125
0.6	152	51	8.4	390	<1	32.6	<0.1	22.6	159	19.8	131	47	1	260	<10	<1	10.4	15.3	580	1.2	4.3	17.8	1	295	13.3	490	193
2.3	11	42	7.2	82	<1	2.2	<0.1	2.6	86	<0.5	28	4	<1	50	<10	<1	0.7	4.7	200	0.4	3.9	1.3	<0.5	21	2.2	240	57
<0.5	90	52	7.6	161	<1	16.6	<0.1	18.3	154	1.2	60	32	<1	40	<10	<1	6.9	7.3	210	0.5	3.6	11.5	0.8	187	11.9	360	49
<0.5	10	53	0.5	79	<1	1.8	<0.1	3	74	<0.5	17	3	<1	1560	<10	<1	0.9	0.7	30	0.5	3.8	1.5	<0.5	36	2.1	120	16
<0.5	19	37	2.3	360	<1	3	<0.1	9.3	67	1.2	22	8	<1	210	<10	<1	2.7	3.2	120	0.4	1	3.1	<0.5	98	5.3	210	27
1.1	29	20	4.4	263	<1	6	<0.1	6.5	80	0.6	28	9	<1	30	<10	<1	2.2	3.9	180	0.4	3.5	3.4	<0.5	63	4.5	70	41
0.5	41	53	6	370	<1	7.7	<0.1	14.6	160	5.4	46	15	<1	80	<10	<1	5.1	6.8	340	0.8	2.4	5.8	0.5	175	7.8	340	67
<0.5	81	29	6.4	253	<1	13.4	<0.1	19	113	<0.5	46	29	<1	250	<10	<1	7	5.9	160	0.5	2.6	11	<0.5	229	11.1	100	41
0.9	96	20	1.4	205	<1	18.3	<0.1	17.6	109	0.8	48	34	<1	230	<10	<1	6.9	5	150	0.6	4.2	12.4	<0.5	211	9.7	60	47
5.9	11	25	6.1	84	<1	2.3	<0.1	4.1	59	<0.5	27	3	<1	40	<10	<1	0.8	8.6	230	0.6	6.3	1.2	<0.5	28	3.2	80	141
1.1	32	46	8.3	245	<1	6.7	<0.1	10.3	134	0.9	35	11	<1	90	<10	<1	3.1	6.3	270	0.6	3.3	3.7	<0.5	95	7.1	280	67
8.5	13	42	9.7	231	<1	3	<0.1	4.9	52	0.8	29	4	<1	60	<10	<1	1	6.3	550	0.5	4.6	1.4	0.5	36	3.5	180	131
0.9	77	80	7.6	475	<1	13.2	<0.1	30.7	141	1.7	47	28	<1	450	10	<1	8.5	9.8	280	0.6	10.9	12.4	<0.5	330	21.9	1840	55
<0.5	118	34	0.6	681	<1	20.4	<0.1	31.5	160	0.9	51	42	<1	1840	<10	<1	9.8	3.9	40	0.2	19.9	17.5	<0.5	383	19.9	400	26
<0.5	278	38	0.6	916	<1	54.6	<0.1	58.6	163	4.1	34	90	<1	1210	<10	<1	17.5	4.9	20	0.3	124	45.2	<0.5	697	47.5	6130	39
<0.5	549	28	1.9	1470	<1	101	<0.1	77.7	190	9.2	119	173	<1	350	<10	<1	30	9.8	110	<0.1	21.9	91.8	1	964	52.8	5060	57
1.8	106	42	11.4	3440	<1	18.1	<0.1	35.3	173	1.5	73	39	<1	50	<10	<1	11.8	11.3	680	0.8	6.1	15.4	0.6	354	20.9	710	111
<0.5	51	17	1	323	<1	6.4	<0.1	53.5	41	<0.5	55	26	<1	60	<10	<1	13.4	1.7	110	0.5	5.7	12.6	0.5	560	34.6	170	18
0.5	194	98	2.4	210	<1	30.8	<0.1	62.7	44	<0.5	91	67	<1	400	<10	<1	19.2	4.4	120	0.6	6.3	26.5	0.5	697	36.6	100	24

<0.5	83	130	1.2	183	<1	14	<0.1	36.7	40	0.7	78	33	<1	1910	<10	<1	9.6	3.6	90	0.3	9.4	13.9	0.5	452	23.5	220	29
2.9	76	61	7.7	350	<1	12.6	<0.1	20.3	103	3.6	56	24	<1	170	<10	<1	5.8	8.4	940	1	10.7	9.2	0.6	204	14.2	180	88
<0.5	1120	35	0.6	624	<1	188	<0.1	269	83	4.4	309	339	<1	1960	<10	<1	77.7	10.3	60	0.5	87.8	145	1	3750	197	260	18
0.9	38	106	6.7	754	<1	6.8	<0.1	24.2	106	2.5	91	13	<1	260	<10	<1	4.8	11.7	230	0.9	31.3	6.2	<0.5	204	18.4	870	62
1.2	17	30	17.4	340	<1	3.3	<0.1	11.3	75	0.9	46	6	<1	60	<10	<1	2.5	10.2	170	0.5	6.1	2.5	<0.5	92	7.3	50	49
<0.5	593	47	5.6	566	<1	107	<0.1	75.1	109	9	213	170	<1	220	<10	<1	28.7	15.1	350	0.5	6.4	60.9	0.6	942	50.8	340	73
0.9	59	29	1.9	513	<1	10.7	<0.1	11.1	64	1.3	23	20	<1	900	<10	<1	4.3	3.7	220	0.3	8.5	8	<0.5	125	5.9	230	31
<0.5	110	55	3.7	70	<1	17.5	<0.1	38	36	<0.5	80	40	<1	790	<10	<1	11.4	4.3	200	<0.1	8	15.8	<0.5	437	23.9	80	27
<0.5	82	61	2	79	<1	13.4	<0.1	32.8	58	<0.5	59	34	<1	630	<10	<1	9.5	4.8	100	0.3	9.1	12.7	<0.5	342	20.1	510	20
1.7	36	32	8.5	415	<1	6.2	<0.1	11.4	72	1.4	38	12	<1	60	<10	<1	3.6	7.8	550	0.6	4.9	4.8	<0.5	95	7.5	120	74
<0.5	115	38	0.6	100	<1	21.2	<0.1	21.3	84	1	53	36	<1	930	<10	<1	7.3	3.1	40	0.3	4.9	13.6	<0.5	252	12.8	60	25
<0.5	38	102	0.7	81	<1	7.1	<0.1	9.2	73	0.7	38	13	<1	1390	<10	<1	2.8	1.1	40	0.2	4.6	5.4	<0.5	106	5.6	330	18
0.6	95	16	3.8	501	<1	18.1	<0.1	20.2	66	<0.5	97	28	<1	50	<10	<1	7.2	4.1	100	0.4	3	10.7	<0.5	207	13.2	30	34
<0.5	29	97	0.1	95	<1	5.4	<0.1	10.5	59	<0.5	26	11	<1	1760	<10	<1	2.9	1.4	<10	0.1	5.2	4.3	<0.5	114	7	30	22
0.6	65	30	6.2	565	<1	12.5	<0.1	21.8	23	<0.5	28	20	<1	100	<10	<1	5.7	4	130	<0.1	2.1	10	<0.5	233	13.6	50	42
<0.5	272	15	0.5	290	<1	49.4	<0.1	42.5	90	<0.5	81	78	<1	840	<10	<1	17.5	2.6	<10	0.4	2.9	29.4	<0.5	609	22.3	30	13
<0.5	594	40	2.6	299	<1	106	<0.1	83.5	84	10.5	189	182	<1	850	<10	<1	30.5	10.3	220	0.4	2.9	65.2	0.8	1020	54.1	230	66
0.9	20	39	3.2	299	<1	3	<0.1	12.1	50	<0.5	48	9	<1	40	<10	<1	3.3	3.4	130	0.4	2.2	3.4	<0.5	113	8.5	120	33
<0.5	242	32	0.1	191	<1	38.1	<0.1	96.5	106	<0.5	143	95	<1	2670	<10	<1	24.4	6.5	<10	0.5	9.3	40.5	<0.5	1050	64.1	60	17
<0.5	91	27	0.5	152	<1	15.5	<0.1	22.3	100	0.6	56	34	<1	1350	<10	<1	7.2	3.3	30	0.3	9.5	12.3	<0.5	247	13.6	100	74
<0.5	67	90	0.4	319	<1	10.6	<0.1	43.7	48	0.6	80	29	<1	1700	<10	<1	9.2	1	10	0.3	60.8	13	<0.5	408	28.6	560	31
1.3	24	34	4.5	441	<1	4.6	<0.1	6.8	67	5	36	8	<1	40	<10	<1	2.2	8.7	380	0.4	3.8	3.2	<0.5	59	4.5	270	92
0.7	58	29	12.4	246	<1	10.2	<0.1	15	166	2	40	18	<1	50	<10	<1	4.7	8.1	390	0.1	8.3	7.6	<0.5	142	9	190	58
1.3	91	27	4	268	<1	16.9	<0.1	17.2	143	0.7	82	26	<1	40	<10	<1	6.3	5.4	210	0.5	3.7	9.1	<0.5	177	10.5	110	90
<0.5	216	40	7.6	207	<1	44.1	<0.1	27.3	108	3.6	56	61	<1	250	<10	<1	10.9	9.4	340	0.3	3.3	21.5	<0.5	327	16.5	170	77
0.9	153	26	4.8	236	<1	30.7	<0.1	21.7	114	4.5	53	47	<1	280	<10	<1	9.3	10.1	450	0.4	3.8	17.2	<0.5	246	12.3	150	89
1.3	176	12	2.9	224	<1	30.4	<0.1	32.9	116	2.5	51	52	<1	160	<10	<1	11.3	6.4	210	0.4	4.2	20.4	<0.5	389	20.7	1550	68
6.4	243	19	4.9	167	<1	45.4	<0.1	35.5	98	2.2	66	72	<1	110	<10	<1	13.9	9.5	1090	0.6	10.7	21.8	0.6	395	21.2	150	134
1.3	106	32	6.7	191	<1	19.6	<0.1	20.5	127	0.6	46	35	<1	20	<10	<1	7.7	5.4	230	0.7	3.9	12.5	<0.5	224	12.5	60	62
<0.5	172	52	3.1	312	<1	29.9	<0.1	45.2	125	0.7	106	59	<1	490	<10	<1	14.7	7	100	0.3	17.2	24	<0.5	518	29.9	200	47
<0.5	285	45	0.8	153	<1	47.1	<0.1	56.7	48	<0.5	86	91	<1	820	<10	<1	22.1	2.3	70	0.2	12	31.7	<0.5	751	31.7	20	22
2.2	151	52	3.2	270	<1	29.6	<0.1	28.7	112	4.3	92	50	<1	540	<10	<1	9.8	8.9	390	0.5	24.9	19.6	0.6	303	19.9	270	94
1	51	31	2.1	280	<1	8.7	<0.1	15.2	57	3.6	42	16	<1	100	<10	<1	4.5	3.9	420	0.4	3.9	6.2	<0.5	150	10.6	100	55
1.6	141	26	5.3	318	<1	24.9	<0.1	26.5	154	3	64	43	<1	40	<10	<1	8.1	11.2	720	0.9	6.1	14.9	0.5	265	17.3	100	114
2.1	841	47	4.8	305	<1	121	<0.1	222	106	8.8	286	318	<1	120	<10	<1	73.6	22.1	190	0.4	147	111	1	2350	138	270	200
<0.5	98	42	<0.1	53	<1	16.3	<0.1	16.4	86	<0.5	14	37	<1	4380	<10	<1	7.6	2.4	<10	0.2	20.5	15.3	<0.5	206	8.3	200	28
<0.5	53	66	1.5	282	<1	9.2	<0.1	14.3	69	1	56	18	<1	1330	<10	<1	4.3	3.9	50	0.6	3.2	6.6	<0.5	153	8.6	340	31
1.3	49	30	4.5	175	<1	8.9	<0.1	13.8	47	0.5	61	18	<1	300	<10	<1	5.1	7.9	170	0.6	5.7	7.2	<0.5	148	7.8	90	53
2.1	123	35	8.2	197	<1	23.3	<0.1	20.2	141	1.1	53	38	<1	60	<10	<1	8.4	8.9	800	1.1	5.1	12.6	0.6	208	11.5	210	90
1.2	80	47	11.7	303	<1	15.5	<0.1	14.1	118	1.5	54	23	<1	70	<10	<1	5.3	9.3	450	0.7	4.1	8.1	<0.5	135	8.9	130	81
1.7	105	36	12.2	260	<1	19.5	<0.1	23.9	123	1.1	73	38	<1	50	<10	<1	8.8	12.6	770	1.1	6.5	14.4	0.6	234	14.2	150	113
<0.5	57	47	2.9	297	<1	11.2	<0.1	11.2	181	10.3	50	17	<1	350	<10	<1	3.9	11.3	280	1.1	3.4	6.6	<0.5	129	7.4	330	117
<0.5	374	107	0.8	356	<1	59.9	<0.1	113	75	<0.5	205	147	<1	1940	<10	<1	33.2	5.8	20	0.3	5.1	61.2	<0.5	1250	78.2	180	24
2	283	28	4.8	180	<1	54.1	<0.1	36.6	123	3.7	103	84	<1	670	<10	<1	15.4	12.6	1490	1.1	6.6	29.2	1	466	21.8	140	141
<0.5	23	71	0.1	273	<1	2.5	<0.1	28.5	16	<0.5	23	18	<1	3910	<10	<1	7.2	5.4	<10	0.1	1.7	9.1	<0.5	302	19.9	120	18
<0.5	564	46	4.5	515	<1	99.4	<0.1	100	102	7.9	212	162	<1	130	<10	<1	35.6	6.3	260	0.8	2	61.9	0.7	1280	61.2	230	44
<0.5	150	22	1.1	325	<1	28.3	<0.1	26.8	146	2.1	47	49	<1	1050	<10	<1	9.7	10.2	80	0.4	7.2	28.6	<0.5	335	14.9	170	59

<0.5	38	31	0.5	141	<1	6.6	<0.1	7.8	102	<0.5	15	14	<1	2320	<10	<1	2.8	1.6	<10	0.4	3.4	6.5	<0.5	92	4.7	190	16
<0.5	81	165	0.6	70	<1	14.6	<0.1	10.4	78	2.2	23	25	<1	2910	<10	<1	4	2.9	20	0.4	14.1	9.5	<0.5	115	6.9	310	22
<0.5	230	77	0.4	252	<1	41.7	<0.1	45.9	106	0.6	82	81	<1	3360	<10	<1	16.6	6.5	<10	0.5	33.5	32.3	<0.5	510	26	400	16
1.1	7	31	3.8	174	<1	1.4	<0.1	4.1	42	0.5	17	2	<1	60	<10	<1	0.8	4.2	190	0.4	2.7	0.8	<0.5	31	3	160	39
0.8	229	46	4.1	375	<1	44.3	<0.1	34.1	106	14.8	108	70	1	330	<10	<1	15.5	9.7	370	0.9	2.9	25.9	0.6	418	19.7	450	116
0.7	7	53	4	536	<1	1.2	<0.1	4.6	103	1.3	17	3	<1	160	<10	<1	1	4.6	170	0.8	2.4	1.3	<0.5	37	2.9	600	35
0.8	29	42	3.9	191	<1	5.1	<0.1	10.9	51	<0.5	23	11	<1	270	<10	<1	3	4.1	180	0.6	3.4	4.7	<0.5	129	7.8	130	37
0.5	102	33	2.9	308	<1	18.3	<0.1	18.3	118	0.6	25	33	<1	330	<10	<1	8.3	4.1	160	0.8	5	16.3	<0.5	246	9.7	160	32
1	38	52	3.6	289	<1	7	<0.1	8.9	98	1.5	26	12	<1	160	<10	<1	3	4	360	0.7	2.6	4.8	<0.5	89	5.6	310	49
1.1	19	39	4.2	249	<1	3.4	<0.1	6.6	60	<0.5	30	7	<1	30	<10	<1	2.1	3	190	0.4	2.6	2.6	<0.5	64	4.9	420	34
<0.5	27	49	0.2	102	<1	4.8	<0.1	9.4	63	0.5	19	10	<1	1860	<10	<1	2.7	0.8	<10	0.4	9.1	5	<0.5	108	6.3	160	15
<0.5	110	17	1.2	118	<1	18.6	<0.1	20.7	81	<0.5	53	39	<1	70	<10	<1	8.2	3.9	70	0.1	2.4	16.2	<0.5	217	14.2	170	28
<0.5	294	35	0.6	229	<1	51.1	<0.1	83.9	88	1.1	180	104	<1	2160	<10	<1	24.8	6.9	70	0.6	6.7	44	<0.5	961	54.1	120	35
<0.5	417	215	<0.1	567	<1	65.8	<0.1	150	33	<0.5	163	171	<1	7900	<10	<1	40.6	5.8	<10	0.2	6.5	71.8	<0.5	1370	112	390	4
0.6	430	40	2.6	264	<1	75.4	<0.1	65	108	1.8	128	127	<1	1000	<10	<1	24.8	6.8	140	0.5	4.2	47	<0.5	900	38.1	100	46
<0.5	107	29	6.6	317	<1	22.7	<0.1	13	106	1.4	50	30	<1	70	<10	<1	6.3	7.2	150	0.5	3	9.8	<0.5	150	6.6	70	64
0.5	76	22	4.5	372	<1	15.8	<0.1	10.7	131	2	39	21	<1	20	<10	<1	4.3	5	100	0.7	1.9	7	<0.5	113	6.5	90	54
<0.5	879	164	0.7	489	<1	136	<0.1	216	68	3.4	585	297	<1	3030	<10	<1	68.3	10.7	50	0.4	4.5	115	0.8	2830	146	390	12
<0.5	510	23	1.7	330	<1	96.3	<0.1	64.6	97	5.9	114	138	<1	500	<10	<1	28.3	6.9	150	0.8	3.1	45.9	<0.5	903	31.9	260	43
<0.5	164	70	1.6	223	<1	30.7	<0.1	38.5	158	9	97	54	<1	1840	<10	<1	11.9	7.8	70	0.8	162	24.2	0.8	471	25.2	690	53
0.6	72	77	6.3	1030	<1	12.9	<0.1	25.6	200	10.4	36	27	<1	180	<10	<1	7.6	6.3	230	1.3	26.2	14	6.2	266	17.1	520	35
<0.5	73	149	3.6	397	<1	12.6	<0.1	34	192	3.2	57	26	<1	730	<10	<1	8.2	8.1	100	0.3	27.7	15.4	0.9	355	24.3	5700	21
<0.5	100	71	4	704	<1	19.2	<0.1	26.5	165	4.4	44	33	1	290	<10	<1	8.2	6.6	130	0.9	9.7	14.7	<0.5	316	17.9	850	37
<0.5	62	53	4.6	490	<1	12.1	<0.1	15	120	6.5	33	19	<1	130	<10	<1	4.5	7.3	150	0.8	5.8	7.4	<0.5	144	11.6	1320	55
1.3	36	108	11	135	<1	6	<0.1	15.2	117	1.2	34	14	<1	150	<10	<1	3.9	5.2	340	1.4	7.9	6.8	0.6	143	9.5	510	39
1	260	104	11.4	281	<1	49.5	<0.1	53.7	168	10.6	108	79	<1	140	<10	<1	15.5	14.3	320	0.8	18.1	36.7	1	646	38.2	7880	77
2	104	58	10.3	1400	<1	18.7	<0.1	37.1	218	18.7	74	36	<1	40	<10	<1	10.2	10.2	240	<0.1	7.6	18.1	3	368	21.9	880	106
11.2	50	30	4.8	188	<1	10.1	<0.1	11.1	107	<0.5	34	15	<1	20	<10	<1	3.8	13.9	400	1	8.4	4.7	<0.5	99	7.4	90	291
2.4	203	18	5.2	158	<1	40.8	<0.1	27.2	133	0.6	57	56	<1	10	<10	<1	10.1	10.3	640	0.7	6.8	18.4	0.6	279	16.3	60	144
4.4	57	33	7.4	309	<1	11.9	<0.1	9.7	103	0.8	31	17	<1	30	<10	<1	3.5	9.5	650	0.9	5.9	5.4	3.5	94	6.5	120	139
2.4	225	46	13.8	466	<1	47.7	<0.1	23.7	171	11	89	61	<1	80	<10	<1	10.6	26.6	880	1	11.1	18.8	1	253	14.6	390	313
<0.5	62	42	0.2	331	<1	10.2	<0.1	10.5	76	0.9	12	22	<1	2440	<10	<1	4.2	2.7	10	0.5	10.2	8.7	<0.5	115	6.5	110	20
<0.5	193	45	0.5	316	<1	33.5	<0.1	57.6	123	0.8	88	69	<1	1770	<10	<1	15.6	4.6	40	0.5	30.4	28.6	<0.5	608	39.4	3320	22
1	148	28	4.2	244	<1	29.7	<0.1	18.4	133	3.9	51	48	<1	220	<10	<1	8.9	10.1	430	0.9	6.1	16	<0.5	199	11.4	120	96
0.5	84	79	2.8	151	<1	14	<0.1	37.6	120	<0.5	55	31	<1	450	<10	<1	9.6	4.8	170	0.7	14.3	12.5	<0.5	403	23.7	270	34
0.6	25	74	2.7	135	<1	4.4	<0.1	16.4	73	<0.5	39	10	<1	660	<10	<1	3.6	4.5	130	0.5	10.6	4	<0.5	163	10.8	530	31

Certificate of Analysis
Work Order : VC171985
[Report File No.: 0000023754]

Date: August 01, 2017

To: **John Buckle**
COD SGS MINERALS - GEOCHEM VANCOUVER
Geological Solutions
921 W Pender St
Vancouver
BC V6C 1M2

P.O. No.: Geological Solutions/Sidina 177 MMI
Project No.: -
Samples: 177
Received: Jun 23, 2017
Pages: Page 1 to 36
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
177	G_LOG02	Pre-preparation processing, sorting, logging, boxing
177	GE_MMI_M	Mobile Metal ION standard package/ICP-MS

Storage: Pulp & Reject
REJECT STORAGE : RETURN AFTER 30 DAYS

Certified By :
John Chiang
QC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
Line 3 6143140N/593400E	13.0	336	40	0.2	950	<0.5	10	14
Line 3 6143140N/593450E	19.9	291	60	0.2	1070	<0.5	22	133
Line 3 6143140N/593475E	13.5	301	40	1.3	940	<0.5	22	29
Line 3 6143140N/593500E	45.7	108	80	1.0	1710	<0.5	427	27
Line 3 6143140N/593525E	9.1	319	180	0.2	1570	<0.5	87	12
Line 3 6143140N/593550E	2.8	272	20	<0.1	930	<0.5	22	34
Line 3 6143140N/593600E	19.7	248	180	0.4	750	1.0	83	68
Line 3 6143140N/593625E	87.6	80	220	1.9	1020	<0.5	738	44
Line 3 6143140N/593650E	23.3	128	120	0.5	2340	<0.5	480	15
Line 3 6143140N/593675E	41.7	119	150	0.3	2080	<0.5	429	26
Line 3 6143140N/593700E	31.7	198	440	6.6	940	2.0	120	303
Line 3 6143140N/593750E	11.2	339	930	0.3	1160	1.4	3	21
Line 3 6143140N/593775E	50.8	247	760	1.6	710	5.0	4	9
Line 3 6143140N/593800E	79.1	123	1650	4.9	1700	6.5	254	308
Line 3 6143140N/593825E	27.7	329	420	2.6	630	2.3	4	17
Line 3 6143140N/593875E	20.8	282	250	0.9	690	<0.5	25	20
Line 3 6143140N/593900E	10.5	178	20	<0.1	900	<0.5	238	49
Line 3 6143140N/593925E	12.9	314	80	0.3	860	<0.5	11	55
Line 3 6143140N/593950E	10.8	311	50	0.1	830	<0.5	11	43
Line 3 6143140N/593975E	3.3	217	20	<0.1	520	<0.5	21	5
Line 3 6143140N/594000E	4.7	226	<10	<0.1	3020	<0.5	416	20
Line 3 6143140N/594025E	32.9	77	50	0.7	1470	<0.5	758	18
Line 3 6143140N/594050E	15.1	165	560	0.8	720	<0.5	59	14
Line 3 6143140N/594075E	2.3	120	10	<0.1	2070	<0.5	599	2
Line 3 6143140N/594100E	55.9	36	<10	0.1	1720	<0.5	1130	5
Line 3 6143140N/594125E	13.0	304	60	0.1	380	<0.5	<2	10
Line 3 6143140N/594150E	13.8	361	420	0.6	2480	<0.5	17	8
Line 4 6143240N/593400E	38.5	178	200	1.4	840	0.9	167	95
Line 4 6143240N/593425E	38.0	168	20	0.3	1520	<0.5	355	29
Line 4 6143240N/593450E	17.7	110	<10	0.3	2360	<0.5	517	9
Line 4 6143240N/593475E	11.6	338	140	0.4	2220	0.7	24	14
Line 4 6143240N/593500E	52.6	299	790	2.1	630	1.4	4	9
Line 4 6143240N/593525E	16.1	372	40	<0.1	660	<0.5	3	6
Line 4 6143240N/593550E	9.5	378	170	<0.1	480	0.6	<2	5
Line 4 6143240N/593575E	12.5	363	80	0.2	1140	2.7	8	13
Line 4 6143240N/593600E	11.6	271	420	0.3	840	2.5	95	17
Line 4 6143240N/593625E	30.3	344	140	0.8	490	5.1	7	121
Line 4 6143240N/593650E	106	283	70	1.5	1160	<0.5	20	200
Line 4 6143240N/593675E	75.2	332	230	1.8	580	4.6	3	65
Line 4 6143240N/593700E	6.5	328	290	0.9	630	2.9	5	27

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
Line 4 6143240N/593725E	5.7	332	50	0.2	1690	<0.5	5	9
Line 4 6143240N/593750E	81.8	273	880	6.2	760	3.2	5	40
Line 4 6143240N/593775E	15.5	311	30	<0.1	450	<0.5	5	20
Line 4 6143240N/593800E	3.9	244	20	<0.1	260	<0.5	<2	<1
Line 4 6143240N/593825E	17.5	260	40	0.2	490	<0.5	148	9
Line 4 6143240N/593850E	80.4	343	60	0.7	450	0.7	3	50
Line 4 6143240N/593875E	13.6	473	110	0.1	1830	<0.5	7	45
Line 4 6143240N/593900E	10.2	319	40	<0.1	1280	<0.5	82	18
Line 4 6143240N/593925E	14.2	364	20	0.8	800	<0.5	6	10
Line 4 6143240N/593950E	4.1	257	30	<0.1	680	<0.5	193	10
Line 4 6143240N/593975E	54.6	61	190	1.4	1500	<0.5	445	30
Line 4 6143240N/594000E	8.9	310	50	0.8	540	<0.5	2	25
Line 4 6143240N/594025E	6.0	389	60	0.1	6400	<0.5	40	11
Line 4 6143240N/594050E	5.1	393	50	<0.1	1970	<0.5	26	8
Line 4 6143240N/594075E	4.6	306	40	0.1	2500	<0.5	187	14
Line 4 6143240N/594100E	10.3	329	20	<0.1	690	<0.5	4	10
Line 4 6143240N/594125E	7.4	526	400	0.3	3700	1.1	6	6
Line 5 6143340N/593600E	14.9	213	<10	0.1	2830	<0.5	348	24
Line 5 6143340N/593625E	24.6	271	20	0.3	2030	<0.5	167	43
Line 5 6143340N/593650E	18.0	373	4040	3.1	1910	0.9	78	38
Line 5 6143340N/593675E	25.3	337	220	0.3	800	1.1	55	14
Line 5 6143340N/593700E	12.8	361	240	0.1	1450	<0.5	23	208
Line 5 6143340N/593725E	306	280	6250	4.8	230	2.3	7	28
Line 5 6143340N/593750E	7.5	473	290	0.1	2770	0.9	7	13
Line 5 6143340N/593775E	24.4	549	1870	0.7	5790	2.2	36	97
Line 5 6143340N/593800E	10.3	395	130	0.3	1400	0.9	6	8
Line 5 6143340N/593825E	10.9	329	<10	<0.1	500	<0.5	2	6
Line 5 6143340N/593850E	6.1	409	50	<0.1	960	<0.5	4	8
Line 5 6143340N/593875E	37.7	307	110	0.7	330	0.9	13	9
Line 5 6143340N/593900E	67.1	398	210	1.0	740	1.4	13	10
Line 5 6143340N/593925E	8.3	160	50	0.4	1960	<0.5	329	7
Line 5 6143340N/593950E	10.8	234	30	0.1	1550	<0.5	238	19
Line 5 6143340N/593975E	7.0	385	200	0.1	1920	0.6	54	7
Line 5 6143340N/594000E	13.2	309	60	0.2	440	<0.5	5	9
Line 5 6143340N/594025E	6.2	505	300	0.2	3900	0.8	20	10
Line 5 6143340N/594050E	7.4	273	10	0.1	480	<0.5	4	9
Line 5 6143340N/594075E	7.8	367	30	0.2	1060	<0.5	5	67
Line 5 6143340N/594100E	11.4	164	<10	<0.1	740	<0.5	427	15
Line 5 6143340N/594125E	3.0	343	30	<0.1	600	<0.5	33	10
Line 5 6143340N/594150E	16.2	374	20	<0.1	460	<0.5	4	6

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
Line 5 6143340N/594175E	9.7	396	70	<0.1	2290	<0.5	4	17
Line 5 6143340N/594200E	4.6	326	10	<0.1	1250	<0.5	30	11
Line 5 6143340N/594225E	14.9	250	20	0.1	1230	<0.5	64	10
Line 5 6143340N/594250E	11.6	240	10	0.1	500	<0.5	4	4
Line 5 6143340N/594275E	2.9	347	30	<0.1	930	<0.5	6	16
Line 5 6143340N/594300E	5.7	336	30	<0.1	500	<0.5	5	10
Line 6 6143440N/593425E	16.7	293	80	0.2	1370	<0.5	40	180
Line 6 6143440N/593450E	77.6	188	50	0.7	1750	<0.5	226	87
Line 6 6143440N/593475E	363	150	430	7.6	480	<0.5	290	266
Line 6 6143440N/593500E	418	151	2470	18.5	970	6.4	130	256
Line 6 6143440N/593525E	29.3	307	280	1.1	1010	0.7	4	62
Line 6 6143440N/593550E	24.1	234	50	0.6	790	<0.5	4	25
Line 6 6143440N/593575E	24.3	212	20	0.2	820	<0.5	47	33
Line 6 6143440N/593600E	13.8	172	30	0.1	1640	<0.5	330	55
Line 6 6143440N/593625E	12.1	330	190	<0.1	1070	0.6	10	28
Line 6 6143440N/593650E	8.0	362	80	0.4	6010	<0.5	140	43
Line 6 6143440N/593675E	13.4	247	190	1.4	1930	1.7	17	44
Line 6 6143440N/593700E	10.4	292	20	0.1	810	<0.5	<2	8
Line 6 6143440N/593725E	11.8	331	160	0.2	2420	<0.5	42	17
Line 6 6143440N/593750E	14.6	223	20	<0.1	1030	<0.5	141	24
Line 6 6143440N/593775E	2.0	220	<10	<0.1	810	<0.5	86	8
Line 6 6143440N/593800E	9.1	220	10	<0.1	700	<0.5	140	23
Line 6 6143440N/593825E	14.3	329	30	<0.1	1140	<0.5	3	9
Line 6 6143440N/593850E	16.7	155	<10	<0.1	1980	<0.5	332	5
Line 6 6143440N/593875E	7.8	105	10	0.2	2360	<0.5	360	21
Line 6 6143440N/593900E	44.6	290	10	<0.1	1110	<0.5	2	5
Line 6 6143440N/593925E	11.5	151	<10	<0.1	2420	<0.5	559	9
Line 6 6143440N/593950E	11.5	317	40	0.1	360	3.2	11	4
Line 6 6143440N/593975E	6.1	185	<10	<0.1	1330	<0.5	99	8
Line 6 6143440N/594000E	12.0	254	100	<0.1	3790	<0.5	145	10
Line 6 6143440N/594025E	12.7	281	<10	<0.1	390	<0.5	<2	11
Line 6 6143440N/594050E	12.4	131	<10	0.1	4910	<0.5	515	4
Line 6 6143440N/594075E	14.3	136	<10	0.1	1290	<0.5	298	8
Line 6 6143440N/594100E	16.8	105	<10	0.4	2300	<0.5	303	53
Line 6 6143440N/594125E	4.4	302	70	<0.1	1120	<0.5	3	15
Line 10 6143540N/593400E	3.7	313	170	0.2	770	0.9	4	10
Line 10 6143540N/593425E	11.3	285	40	<0.1	1380	<0.5	2	7
Line 10 6143540N/593450E	13.2	311	60	0.2	1330	<0.5	40	8
Line 10 6143540N/593475E	12.4	288	80	0.2	2240	<0.5	32	9
Line 10 6143540N/593500E	38.0	282	580	1.4	910	<0.5	18	159

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
Line 10 6143540N/593525E	9.0	285	50	<0.1	870	<0.5	8	17
Line 10 6143540N/593550E	6.0	293	30	0.1	650	<0.5	3	6
Line 10 6143540N/593575E	9.5	238	30	<0.1	1810	<0.5	47	9
Line 10 6143540N/593600E	26.7	186	<10	<0.1	1340	<0.5	91	6
Line 10 6143540N/593625E	10.1	195	240	0.1	1550	<0.5	171	11
Line 10 6143540N/593650E	12.6	274	50	<0.1	1320	<0.5	3	11
Line 10 6143540N/593675E	14.0	311	60	<0.1	1180	<0.5	3	14
Line 10 6143540N/593700E	4.8	295	240	<0.1	1180	1.0	19	12
Line 10 6143540N/593725E	35.1	81	<10	0.2	2390	<0.5	529	12
Line 10 6143540N/593750E	14.1	216	10	<0.1	2610	<0.5	270	8
Line 10 6143540N/593775E	15.1	255	10	0.2	1120	<0.5	34	7
Line 10 6143540N/593800E	7.7	340	30	<0.1	930	<0.5	4	18
Line 10 6143540N/593825E	8.9	365	30	<0.1	1600	<0.5	5	9
Line 10 6143540N/593850E	6.9	342	20	<0.1	1130	<0.5	4	7
Line 10 6143540N/593875E	5.6	344	120	<0.1	2650	<0.5	92	14
Line 10 6143540N/593900E	51.6	229	20	<0.1	3090	<0.5	388	20
Line 10 6143540N/593925E	10.6	328	60	0.2	4000	<0.5	103	5
Line 10 6143540N/593950E	15.0	84	<10	<0.1	2290	<0.5	882	24
Line 10 6143540N/593975E	12.4	379	100	0.1	4310	<0.5	5	8
Line 10 6143540N/594000E	10.7	157	60	<0.1	1330	<0.5	272	26
Line 10 6143540N/594025E	33.2	107	<10	0.3	1400	<0.5	420	21
Line 10 6143540N/594050E	20.9	112	10	0.2	2570	<0.5	441	31
Line 10 6143540N/594075E	12.0	155	<10	0.2	2680	<0.5	390	30
Line 10 6143540N/594100E	6.0	291	20	<0.1	480	<0.5	3	10
Line 10 6143540N/594125E	4.0	366	150	<0.1	2790	<0.5	27	9
Line 1E 593950E/6143125N	5.5	354	50	<0.1	980	<0.5	4	20
Line 1E 593950E/6143150N	7.6	298	40	<0.1	1160	0.5	14	24
Line 1E 593950E/6143175N	8.1	260	30	<0.1	890	<0.5	32	16
Line 1E 593950E/6143200N	7.9	313	10	<0.1	2890	<0.5	36	9
Line 1E 593950E/6143250N	5.7	336	30	0.1	1420	<0.5	9	30
Line 1E 593950E/6143275N	10.4	306	<10	<0.1	520	<0.5	<2	21
Line 1E 593950E/6143300N	24.3	145	<10	<0.1	1800	<0.5	476	25
Line 1E 593950E/6143325N	14.3	256	<10	0.2	780	<0.5	18	17
Line 1E 593950E/6143350N	5.5	228	20	0.2	4720	<0.5	412	5
Line 1E 593950E/6143375N	49.3	128	<10	0.1	3190	<0.5	791	16
Line 1E 593950E/6143400N	8.0	309	30	<0.1	3040	<0.5	147	7
Line 1E 593950E/6143425N	3.3	354	30	<0.1	1680	<0.5	9	6
Line 1E 593950E/6143450N	7.4	366	30	<0.1	1840	<0.5	<2	9
Line 1E 593950E/6143475N	19.4	337	40	<0.1	7540	<0.5	239	10
Line 1E 593950E/6143500N	12.3	344	80	0.1	3980	<0.5	32	15

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
Line 2E 93600E/6143100N	22.8	215	280	0.6	2320	<0.5	309	49
Line 2E 93600E/6143125N	33.0	333	1110	1.8	680	18.3	17	71
Line 2E 93600E/6143150N	13.7	268	240	0.4	720	<0.5	66	331
Line 2E 93600E/6143175N	22.3	398	90	0.2	1700	<0.5	18	74
Line 2E 93600E/6143200N	17.2	386	80	0.2	1460	<0.5	7	147
Line 2E 93600E/6143225N	27.8	333	70	0.1	640	2.4	8	86
Line 2E 93600E/6143250N	80.4	338	840	2.0	960	3.3	27	466
Line 2E 93600E/6143275N	131	428	1830	89.1	660	369	3	46
Line 2E 93600E/6143300N	16.3	353	20	<0.1	630	<0.5	<2	9
Line 2E 93600E/6143325N	7.7	342	30	<0.1	890	<0.5	4	8
Line 2E 93600E/6143350N	8.7	361	40	<0.1	830	0.8	4	8
Line 2E 93600E/6143375N	7.0	447	180	0.2	2290	<0.5	8	13
Line 2E 93600E/6143400N	14.6	132	10	0.3	1920	<0.5	449	8
Line 2E 93600E/6143425N	58.5	184	150	1.2	2140	<0.5	265	82
Line 2E 93600E/6143450N	4.3	343	70	<0.1	1960	<0.5	22	8
Line 2E 93600E/6143475N	3.6	254	40	<0.1	1050	<0.5	42	19
Line 2E 93600E/6143500N	4.4	212	30	<0.1	820	<0.5	67	36

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Line 3 6143140N/593400E	61	406	<100	21.2	390	12.2	5.1	3.2
Line 3 6143140N/593450E	33	52	<100	9.8	310	30.5	13.3	7.5
Line 3 6143140N/593475E	59	18	<100	7.6	110	28.2	13.9	6.7
Line 3 6143140N/593500E	26	15	<100	8.2	450	28.8	14.4	14.0
Line 3 6143140N/593525E	109	21	<100	12.7	210	31.3	13.7	10.9
Line 3 6143140N/593550E	6	112	<100	5.7	150	6.2	3.6	0.7
Line 3 6143140N/593600E	43	117	<100	9.4	500	39.2	19.8	10.6
Line 3 6143140N/593625E	13	39	<100	2.5	2310	25.3	12.9	12.7
Line 3 6143140N/593650E	127	7	<100	7.5	380	83.9	36.7	34.4
Line 3 6143140N/593675E	20	10	<100	10.0	990	23.3	8.7	9.4
Line 3 6143140N/593700E	105	552	<100	23.0	1240	57.2	30.2	19.0
Line 3 6143140N/593750E	134	58	<100	11.3	390	32.7	12.4	10.6
Line 3 6143140N/593775E	397	42	<100	16.2	1580	62.7	26.5	30.7
Line 3 6143140N/593800E	231	30	<100	16.9	650	52.1	23.3	27.5
Line 3 6143140N/593825E	247	40	<100	15.4	1640	47.6	20.0	20.0
Line 3 6143140N/593875E	59	12	<100	7.9	220	21.8	7.8	7.1
Line 3 6143140N/593900E	22	24	<100	5.3	250	23.3	12.4	5.9
Line 3 6143140N/593925E	28	128	<100	10.1	260	16.6	7.5	3.6
Line 3 6143140N/593950E	28	254	<100	8.9	180	10.4	4.9	2.2
Line 3 6143140N/593975E	3	55	<100	1.3	140	0.8	0.9	0.2
Line 3 6143140N/594000E	27	9	<100	5.9	70	7.8	3.0	2.4
Line 3 6143140N/594025E	55	53	<100	1.9	1050	34.3	13.4	14.6
Line 3 6143140N/594050E	150	34	<100	20.2	260	46.9	18.4	22.8
Line 3 6143140N/594075E	12	3	<100	4.0	80	3.5	1.1	1.3
Line 3 6143140N/594100E	39	15	<100	0.4	550	22.3	9.7	7.3
Line 3 6143140N/594125E	33	79	<100	9.2	220	14.5	5.8	3.1
Line 3 6143140N/594150E	297	35	<100	9.0	350	79.3	30.9	26.0
Line 4 6143240N/593400E	285	119	<100	20.9	470	60.8	29.7	27.1
Line 4 6143240N/593425E	58	61	<100	4.7	350	41.9	20.8	14.0
Line 4 6143240N/593450E	29	43	<100	7.5	230	11.9	4.7	4.1
Line 4 6143240N/593475E	125	30	<100	11.7	240	35.7	13.8	10.5
Line 4 6143240N/593500E	223	86	<100	22.1	1190	39.0	16.9	15.9
Line 4 6143240N/593525E	52	27	<100	10.2	120	15.6	7.5	3.5
Line 4 6143240N/593550E	71	44	<100	23.0	190	17.7	7.1	4.4
Line 4 6143240N/593575E	344	40	<100	13.2	440	74.7	33.8	28.0
Line 4 6143240N/593600E	414	152	<100	16.8	1460	105	48.7	50.2
Line 4 6143240N/593625E	68	154	<100	27.9	1120	36.5	18.0	8.7
Line 4 6143240N/593650E	254	18	<100	8.9	2560	186	95.8	51.8
Line 4 6143240N/593675E	63	272	<100	18.7	2320	35.7	19.3	12.2
Line 4 6143240N/593700E	13	317	<100	18.8	360	13.4	8.4	1.9

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Line 4 6143240N/593725E	262	48	<100	10.9	280	98.4	38.3	28.8
Line 4 6143240N/593750E	451	67	<100	24.2	1240	101	42.9	45.6
Line 4 6143240N/593775E	7	117	<100	2.8	330	5.6	4.2	0.8
Line 4 6143240N/593800E	5	13	<100	1.5	320	1.7	1.2	0.3
Line 4 6143240N/593825E	100	72	<100	8.3	450	21.7	8.0	6.6
Line 4 6143240N/593850E	144	38	<100	23.0	2970	68.5	29.9	20.1
Line 4 6143240N/593875E	105	33	<100	21.3	320	33.5	12.9	9.6
Line 4 6143240N/593900E	100	57	<100	13.0	340	30.9	13.8	9.7
Line 4 6143240N/593925E	68	231	<100	27.4	2920	32.3	15.0	8.6
Line 4 6143240N/593950E	35	32	<100	8.5	80	16.1	7.6	4.2
Line 4 6143240N/593975E	8	17	<100	6.0	910	8.5	3.3	4.3
Line 4 6143240N/594000E	13	324	<100	30.3	600	9.2	5.8	1.2
Line 4 6143240N/594025E	133	131	<100	12.7	260	51.3	19.3	14.9
Line 4 6143240N/594050E	56	19	<100	16.6	140	22.1	10.0	6.8
Line 4 6143240N/594075E	23	60	<100	6.8	110	19.6	9.9	3.8
Line 4 6143240N/594100E	14	99	<100	8.6	180	9.2	5.7	1.3
Line 4 6143240N/594125E	161	40	<100	22.4	350	31.9	13.5	9.3
Line 5 6143340N/593600E	54	21	<100	4.6	210	60.9	30.2	15.8
Line 5 6143340N/593625E	91	15	<100	8.8	330	71.0	34.2	19.6
Line 5 6143340N/593650E	177	36	<100	24.4	260	40.8	17.7	13.7
Line 5 6143340N/593675E	145	58	<100	22.9	330	49.3	20.7	15.5
Line 5 6143340N/593700E	18	507	<100	8.6	320	16.6	9.2	2.3
Line 5 6143340N/593725E	137	364	<100	39.4	9850	37.1	20.1	14.3
Line 5 6143340N/593750E	173	55	<100	26.9	340	37.1	15.6	10.6
Line 5 6143340N/593775E	534	38	<100	30.3	720	146	62.1	46.0
Line 5 6143340N/593800E	163	57	<100	23.2	430	35.3	15.2	11.2
Line 5 6143340N/593825E	31	30	<100	7.2	80	23.0	12.0	3.4
Line 5 6143340N/593850E	117	20	<100	21.0	130	26.8	10.8	7.1
Line 5 6143340N/593875E	248	57	<100	18.2	750	63.9	26.5	26.7
Line 5 6143340N/593900E	265	140	<100	36.9	1070	43.5	16.5	17.5
Line 5 6143340N/593925E	99	17	<100	5.9	300	81.0	37.5	29.8
Line 5 6143340N/593950E	47	148	<100	6.6	420	33.9	18.0	7.7
Line 5 6143340N/593975E	259	27	<100	11.0	300	107	47.2	33.3
Line 5 6143340N/594000E	210	37	<100	9.4	380	66.9	30.0	18.6
Line 5 6143340N/594025E	220	126	<100	27.7	480	59.0	22.6	17.8
Line 5 6143340N/594050E	18	69	<100	12.5	410	4.9	2.6	1.3
Line 5 6143340N/594075E	121	60	<100	22.8	380	42.6	18.3	11.5
Line 5 6143340N/594100E	11	57	<100	5.8	250	6.3	3.0	1.5
Line 5 6143340N/594125E	15	121	<100	3.7	90	18.5	9.3	3.1
Line 5 6143340N/594150E	34	20	<100	10.7	110	14.9	6.5	3.4

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Line 5 6143340N/594175E	52	172	<100	21.0	270	34.5	14.6	5.8
Line 5 6143340N/594200E	68	81	<100	14.6	170	44.4	19.0	11.0
Line 5 6143340N/594225E	80	52	<100	10.2	210	42.5	17.6	12.4
Line 5 6143340N/594250E	21	36	<100	12.1	530	6.4	4.1	1.2
Line 5 6143340N/594275E	46	276	<100	21.9	160	19.9	10.3	3.7
Line 5 6143340N/594300E	24	125	<100	8.5	300	7.5	4.9	1.4
Line 6 6143440N/593425E	57	104	<100	14.8	350	58.5	30.7	12.4
Line 6 6143440N/593450E	58	4	<100	12.4	350	64.6	31.5	17.5
Line 6 6143440N/593475E	99	51	<100	12.8	1100	102	58.6	45.2
Line 6 6143440N/593500E	154	13	<100	35.1	1840	168	77.7	91.8
Line 6 6143440N/593525E	100	129	<100	20.4	590	76.1	35.3	15.4
Line 6 6143440N/593550E	24	16	<100	5.7	1420	105	53.5	12.6
Line 6 6143440N/593575E	125	208	<100	5.1	760	130	62.7	26.5
Line 6 6143440N/593600E	45	31	<100	2.7	380	70.6	36.7	13.9
Line 6 6143440N/593625E	62	27	<100	13.3	360	38.9	20.3	9.2
Line 6 6143440N/593650E	689	21	<100	9.4	640	492	269	145
Line 6 6143440N/593675E	38	290	<100	12.6	910	39.2	24.2	6.2
Line 6 6143440N/593700E	28	43	<100	12.9	130	21.6	11.3	2.5
Line 6 6143440N/593725E	537	81	<100	29.0	430	165	75.1	60.9
Line 6 6143440N/593750E	63	52	<100	8.8	250	26.5	11.1	8.0
Line 6 6143440N/593775E	61	51	<100	3.8	130	75.1	38.0	15.8
Line 6 6143440N/593800E	48	115	<100	3.9	180	61.9	32.8	12.7
Line 6 6143440N/593825E	41	39	<100	11.5	140	23.2	11.4	4.8
Line 6 6143440N/593850E	37	110	<100	6.4	310	44.4	21.3	13.6
Line 6 6143440N/593875E	31	194	<100	6.7	650	17.9	9.2	5.4
Line 6 6143440N/593900E	108	16	<100	12.3	310	45.7	20.2	10.7
Line 6 6143440N/593925E	30	41	<100	2.8	290	19.0	10.5	4.3
Line 6 6143440N/593950E	81	49	<100	10.4	330	42.6	21.8	10.0
Line 6 6143440N/593975E	235	3	<100	8.0	140	109	42.5	29.4
Line 6 6143440N/594000E	519	52	<100	11.6	310	175	83.5	65.2
Line 6 6143440N/594025E	17	33	<100	8.4	130	24.1	12.1	3.4
Line 6 6143440N/594050E	231	3	<100	11.4	190	158	96.5	40.5
Line 6 6143440N/594075E	96	26	<100	8.3	280	43.9	22.3	12.3
Line 6 6143440N/594100E	48	169	<100	3.8	1530	67.9	43.7	13.0
Line 6 6143440N/594125E	49	104	<100	11.3	240	14.4	6.8	3.2
Line 10 6143540N/593400E	57	47	<100	16.7	170	31.2	15.0	7.6
Line 10 6143540N/593425E	95	17	<100	18.1	190	39.4	17.2	9.1
Line 10 6143540N/593450E	275	32	<100	17.1	270	63.7	27.3	21.5
Line 10 6143540N/593475E	190	88	<100	13.6	420	53.2	21.7	17.2
Line 10 6143540N/593500E	143	9	<100	12.1	410	71.4	32.9	20.4

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Line 10 6143540N/593525E	244	22	<100	11.5	200	81.8	35.5	21.8
Line 10 6143540N/593550E	104	23	<100	16.6	270	48.4	20.5	12.5
Line 10 6143540N/593575E	118	35	<100	10.9	340	97.4	45.2	24.0
Line 10 6143540N/593600E	170	22	<100	3.4	190	138	56.7	31.7
Line 10 6143540N/593625E	131	59	<100	11.0	420	57.3	28.7	19.6
Line 10 6143540N/593650E	47	39	<100	8.0	200	31.3	15.2	6.2
Line 10 6143540N/593675E	128	27	<100	21.8	190	51.7	26.5	14.9
Line 10 6143540N/593700E	511	45	<100	21.9	1810	465	222	111
Line 10 6143540N/593725E	19	51	<100	6.7	760	41.1	16.4	15.3
Line 10 6143540N/593750E	56	197	<100	6.2	230	27.8	14.3	6.6
Line 10 6143540N/593775E	50	39	<100	7.4	520	32.3	13.8	7.2
Line 10 6143540N/593800E	148	72	<100	17.3	150	49.4	20.2	12.6
Line 10 6143540N/593825E	105	31	<100	16.8	160	31.3	14.1	8.1
Line 10 6143540N/593850E	111	169	<100	19.0	280	56.7	23.9	14.4
Line 10 6143540N/593875E	72	43	<100	39.4	270	24.4	11.2	6.6
Line 10 6143540N/593900E	241	25	<100	6.9	460	209	113	61.2
Line 10 6143540N/593925E	271	28	<100	14.4	260	90.0	36.6	29.2
Line 10 6143540N/593950E	11	26	<100	6.9	1160	50.7	28.5	9.1
Line 10 6143540N/593975E	454	38	<100	21.8	270	219	100	61.9
Line 10 6143540N/594000E	88	7	<100	32.4	250	55.9	26.8	28.6
Line 10 6143540N/594025E	36	43	<100	12.6	470	17.2	7.8	6.5
Line 10 6143540N/594050E	67	400	<100	5.9	1330	22.6	10.4	9.5
Line 10 6143540N/594075E	122	103	<100	11.2	370	97.1	45.9	32.3
Line 10 6143540N/594100E	10	52	<100	6.2	150	6.1	4.1	0.8
Line 10 6143540N/594125E	234	86	<100	18.5	360	87.4	34.1	25.9
Line 1E 593950E/6143125N	67	32	<100	5.4	140	25.9	12.5	6.0
Line 1E 593950E/6143150N	10	208	<100	7.5	150	8.2	4.6	1.3
Line 1E 593950E/6143175N	26	89	<100	5.1	540	21.7	10.9	4.7
Line 1E 593950E/6143200N	85	104	<100	10.3	320	51.4	18.3	16.3
Line 1E 593950E/6143250N	42	42	<100	11.1	270	18.9	8.9	4.8
Line 1E 593950E/6143275N	21	59	<100	9.5	350	14.3	6.6	2.6
Line 1E 593950E/6143300N	11	11	<100	4.1	300	17.7	9.4	5.0
Line 1E 593950E/6143325N	102	7	<100	15.2	280	51.9	20.7	16.2
Line 1E 593950E/6143350N	173	8	<100	9.1	310	159	83.9	44.0
Line 1E 593950E/6143375N	448	10	<100	1.5	610	260	150	71.8
Line 1E 593950E/6143400N	356	12	<100	11.1	190	147	65.0	47.0
Line 1E 593950E/6143425N	166	27	<100	15.7	120	36.7	13.0	9.8
Line 1E 593950E/6143450N	110	18	<100	22.2	120	24.6	10.7	7.0
Line 1E 593950E/6143475N	508	18	<100	3.8	570	423	216	115
Line 1E 593950E/6143500N	528	31	<100	16.1	300	162	64.6	45.9

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Line 2E 93600E/6143100N	105	242	<100	9.0	740	73.6	38.5	24.2
Line 2E 93600E/6143125N	67	69	<100	13.2	630	53.1	25.6	14.0
Line 2E 93600E/6143150N	52	65	<100	11.2	510	60.6	34.0	15.4
Line 2E 93600E/6143175N	112	63	<100	15.1	1060	55.5	26.5	14.7
Line 2E 93600E/6143200N	78	23	<100	11.9	270	29.9	15.0	7.4
Line 2E 93600E/6143225N	36	275	<100	10.9	480	27.5	15.2	6.8
Line 2E 93600E/6143250N	213	215	<100	25.5	4670	95.9	53.7	36.7
Line 2E 93600E/6143275N	99	197	<100	34.1	1460	69.0	37.1	18.1
Line 2E 93600E/6143300N	70	18	<100	13.6	160	24.6	11.1	4.7
Line 2E 93600E/6143325N	263	13	<100	14.1	340	59.9	27.2	18.4
Line 2E 93600E/6143350N	85	20	<100	16.0	120	22.4	9.7	5.4
Line 2E 93600E/6143375N	344	96	<100	29.4	370	61.9	23.7	18.8
Line 2E 93600E/6143400N	21	55	<100	4.8	390	23.3	10.5	8.7
Line 2E 93600E/6143425N	42	18	<100	8.8	1190	102	57.6	28.6
Line 2E 93600E/6143450N	203	21	<100	13.9	200	48.2	18.4	16.0
Line 2E 93600E/6143475N	53	150	<100	10.9	260	68.5	37.6	12.5
Line 2E 93600E/6143500N	20	224	<100	6.5	270	27.9	16.4	4.0

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
Line 3 6143140N/593400E	60	2.9	11.6	<1	0.2	3.9	19	2
Line 3 6143140N/593450E	62	4.1	26.0	<1	0.2	4.9	12	2
Line 3 6143140N/593475E	43	3.8	24.1	<1	0.3	3.8	15	<1
Line 3 6143140N/593500E	9	1.2	35.1	<1	<0.1	6.4	32	<1
Line 3 6143140N/593525E	32	2.9	36.0	<1	0.2	2.9	48	3
Line 3 6143140N/593550E	87	4.3	3.0	<1	<0.1	4.7	2	2
Line 3 6143140N/593600E	55	4.3	31.1	<1	0.1	7.7	20	3
Line 3 6143140N/593625E	10	1.0	34.0	<1	<0.1	10.6	17	<1
Line 3 6143140N/593650E	9	0.9	112	<1	<0.1	4.2	99	<1
Line 3 6143140N/593675E	7	1.1	30.6	<1	<0.1	10.1	24	<1
Line 3 6143140N/593700E	48	4.5	49.5	<1	0.2	10.6	48	7
Line 3 6143140N/593750E	57	5.0	33.4	<1	0.4	3.2	42	4
Line 3 6143140N/593775E	45	6.0	89.0	<1	0.2	6.2	144	<1
Line 3 6143140N/593800E	21	2.1	84.3	<1	0.4	6.1	103	<1
Line 3 6143140N/593825E	46	5.5	56.2	<1	0.4	5.5	85	2
Line 3 6143140N/593875E	28	2.4	22.5	<1	0.3	2.1	19	2
Line 3 6143140N/593900E	38	4.3	20.2	<1	0.1	4.3	12	3
Line 3 6143140N/593925E	43	4.3	12.9	<1	0.2	4.4	9	2
Line 3 6143140N/593950E	44	3.9	8.2	<1	0.2	4.0	8	2
Line 3 6143140N/593975E	167	6.5	<0.5	<1	<0.1	10.2	1	2
Line 3 6143140N/594000E	23	1.1	8.2	<1	<0.1	3.4	12	<1
Line 3 6143140N/594025E	11	1.0	49.1	<1	<0.1	3.8	25	<1
Line 3 6143140N/594050E	24	3.6	59.8	<1	0.3	8.2	80	<1
Line 3 6143140N/594075E	7	0.9	4.4	<1	<0.1	5.0	5	<1
Line 3 6143140N/594100E	10	<0.5	28.9	1	<0.1	1.4	5	<1
Line 3 6143140N/594125E	40	3.4	11.4	<1	0.2	2.8	11	1
Line 3 6143140N/594150E	44	7.1	86.5	<1	0.3	3.2	117	6
Line 4 6143240N/593400E	30	3.5	70.6	<1	0.2	7.9	118	3
Line 4 6143240N/593425E	20	1.5	44.4	<1	<0.1	2.9	42	<1
Line 4 6143240N/593450E	13	1.0	14.7	<1	<0.1	5.4	15	<1
Line 4 6143240N/593475E	39	4.3	37.6	<1	0.2	3.4	52	4
Line 4 6143240N/593500E	48	7.0	44.2	<1	0.2	7.0	78	2
Line 4 6143240N/593525E	68	5.5	13.5	<1	0.3	2.6	17	2
Line 4 6143240N/593550E	42	3.6	15.6	<1	0.3	3.5	23	3
Line 4 6143240N/593575E	30	5.7	87.9	<1	0.2	4.1	137	3
Line 4 6143240N/593600E	31	4.2	127	<1	0.2	5.4	280	3
Line 4 6143240N/593625E	28	3.6	26.5	1	0.2	12.0	19	2
Line 4 6143240N/593650E	14	2.5	169	<1	0.2	3.2	95	3
Line 4 6143240N/593675E	27	4.4	28.9	1	0.2	9.1	25	4
Line 4 6143240N/593700E	51	6.9	6.7	<1	0.1	7.9	4	4

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
Line 4 6143240N/593725E	16	1.6	101	<1	0.2	2.9	66	<1
Line 4 6143240N/593750E	25	3.4	125	<1	0.2	5.7	144	<1
Line 4 6143240N/593775E	66	5.6	2.5	<1	0.2	4.5	3	4
Line 4 6143240N/593800E	214	7.0	0.8	<1	0.2	4.2	2	2
Line 4 6143240N/593825E	38	2.3	24.1	<1	0.1	2.8	43	2
Line 4 6143240N/593850E	18	2.5	55.7	<1	0.2	4.7	35	3
Line 4 6143240N/593875E	66	8.1	31.3	<1	0.3	5.5	40	10
Line 4 6143240N/593900E	30	3.4	33.5	<1	0.1	5.3	35	3
Line 4 6143240N/593925E	55	4.2	27.3	1	0.2	10.8	20	2
Line 4 6143240N/593950E	44	8.6	17.1	<1	0.1	4.2	15	3
Line 4 6143240N/593975E	6	1.0	13.3	<1	<0.1	9.1	6	<1
Line 4 6143240N/594000E	37	3.9	5.0	<1	0.2	5.3	5	3
Line 4 6143240N/594025E	51	7.5	51.0	<1	0.2	5.3	55	7
Line 4 6143240N/594050E	52	6.1	21.8	<1	0.2	6.0	23	5
Line 4 6143240N/594075E	39	4.7	14.3	<1	0.1	3.8	10	1
Line 4 6143240N/594100E	80	5.1	4.8	<1	0.2	7.2	6	5
Line 4 6143240N/594125E	75	12.6	31.5	<1	0.3	7.1	61	12
Line 5 6143340N/593600E	24	1.7	55.1	<1	0.1	3.5	41	<1
Line 5 6143340N/593625E	16	1.7	64.6	<1	0.2	4.8	46	1
Line 5 6143340N/593650E	76	7.7	43.3	<1	0.4	8.8	73	10
Line 5 6143340N/593675E	61	6.5	55.8	<1	0.4	7.5	51	3
Line 5 6143340N/593700E	87	6.1	8.3	<1	0.2	8.9	6	6
Line 5 6143340N/593725E	396	4.0	36.6	3	0.6	7.0	47	3
Line 5 6143340N/593750E	93	10.7	38.6	<1	0.4	7.7	65	13
Line 5 6143340N/593775E	101	14.9	164	<1	0.6	11.5	254	27
Line 5 6143340N/593800E	46	5.3	38.1	<1	0.3	7.5	57	3
Line 5 6143340N/593825E	50	6.2	13.2	<1	0.3	4.4	9	1
Line 5 6143340N/593850E	42	3.5	27.0	<1	0.2	5.0	41	<1
Line 5 6143340N/593875E	52	7.2	70.7	<1	0.4	4.5	77	<1
Line 5 6143340N/593900E	72	8.6	48.4	<1	0.3	9.7	93	3
Line 5 6143340N/593925E	26	2.5	103	<1	0.1	3.1	74	<1
Line 5 6143340N/593950E	62	2.9	28.9	<1	0.1	3.2	24	2
Line 5 6143340N/593975E	104	10.6	123	<1	0.4	4.6	116	12
Line 5 6143340N/594000E	48	5.9	65.2	<1	0.5	3.2	82	4
Line 5 6143340N/594025E	161	16.5	58.9	<1	0.6	9.5	95	20
Line 5 6143340N/594050E	82	4.1	4.0	<1	0.1	11.7	7	3
Line 5 6143340N/594075E	19	3.6	39.5	<1	0.3	4.7	31	3
Line 5 6143340N/594100E	47	2.8	5.7	<1	<0.1	5.9	5	2
Line 5 6143340N/594125E	64	4.2	13.1	<1	0.2	2.3	5	1
Line 5 6143340N/594150E	42	3.4	12.0	<1	0.3	1.9	13	<1

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
Line 5 6143340N/594175E	56	5.3	23.3	<1	0.3	7.7	19	3
Line 5 6143340N/594200E	19	3.0	39.2	<1	0.2	5.9	23	2
Line 5 6143340N/594225E	20	2.3	42.6	<1	0.1	6.5	39	1
Line 5 6143340N/594250E	129	3.7	4.1	<1	0.1	9.2	7	2
Line 5 6143340N/594275E	37	4.6	15.8	<1	0.1	9.7	16	3
Line 5 6143340N/594300E	97	8.5	4.6	<1	0.2	10.4	11	5
Line 6 6143440N/593425E	36	4.3	42.5	<1	0.4	4.4	22	2
Line 6 6143440N/593450E	16	1.1	60.8	<1	0.2	6.7	42	<1
Line 6 6143440N/593475E	12	1.7	115	1	<0.1	7.9	129	<1
Line 6 6143440N/593500E	25	1.6	214	1	0.3	8.7	208	<1
Line 6 6143440N/593525E	31	4.4	59.7	<1	0.9	6.4	34	2
Line 6 6143440N/593550E	29	1.9	55.4	<1	1.1	1.5	6	<1
Line 6 6143440N/593575E	37	4.4	103	<1	0.4	3.0	33	3
Line 6 6143440N/593600E	72	3.1	52.7	<1	0.2	3.3	28	3
Line 6 6143440N/593625E	71	9.9	32.1	<1	0.5	4.4	23	8
Line 6 6143440N/593650E	47	4.3	467	<1	0.3	3.1	268	3
Line 6 6143440N/593675E	100	5.1	19.4	<1	0.4	9.2	16	6
Line 6 6143440N/593700E	61	5.2	10.8	<1	0.2	4.2	10	7
Line 6 6143440N/593725E	72	7.0	212	<1	0.3	6.6	207	7
Line 6 6143440N/593750E	49	3.1	26.8	<1	0.1	4.5	25	2
Line 6 6143440N/593775E	48	6.3	62.0	<1	0.2	3.5	24	5
Line 6 6143440N/593800E	32	3.4	51.1	<1	0.1	2.2	22	2
Line 6 6143440N/593825E	44	5.0	16.3	<1	0.4	2.9	13	3
Line 6 6143440N/593850E	18	1.1	48.5	<1	<0.1	2.6	47	<1
Line 6 6143440N/593875E	50	1.8	17.9	<1	<0.1	15.5	15	2
Line 6 6143440N/593900E	20	2.1	39.8	<1	0.4	1.7	34	1
Line 6 6143440N/593925E	15	0.7	16.6	<1	<0.1	2.4	14	<1
Line 6 6143440N/593950E	11	2.4	28.2	<1	0.3	4.1	26	<1
Line 6 6143440N/593975E	12	0.8	106	<1	0.2	2.8	85	<1
Line 6 6143440N/594000E	75	10.0	222	<1	0.3	4.7	215	11
Line 6 6143440N/594025E	28	5.5	14.3	<1	0.3	4.3	5	3
Line 6 6143440N/594050E	8	0.8	161	3	<0.1	4.8	81	<1
Line 6 6143440N/594075E	12	1.1	46.3	<1	<0.1	4.6	32	<1
Line 6 6143440N/594100E	39	1.6	52.7	<1	<0.1	2.6	21	2
Line 6 6143440N/594125E	54	4.2	10.6	<1	0.3	2.4	12	5
Line 10 6143540N/593400E	34	4.6	26.3	<1	0.1	5.3	19	3
Line 10 6143540N/593425E	36	3.0	35.5	<1	0.4	3.2	27	<1
Line 10 6143540N/593450E	38	4.8	70.9	<1	0.2	8.1	115	3
Line 10 6143540N/593475E	53	4.6	57.5	<1	0.2	3.2	75	4
Line 10 6143540N/593500E	21	1.4	71.3	<1	0.8	2.9	52	<1

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
Line 10 6143540N/593525E	54	6.5	85.7	<1	0.4	3.1	81	<1
Line 10 6143540N/593550E	24	2.5	44.9	<1	0.2	4.6	33	<1
Line 10 6143540N/593575E	21	2.9	82.1	<1	0.3	4.8	47	2
Line 10 6143540N/593600E	29	2.7	131	<1	0.2	2.5	67	<1
Line 10 6143540N/593625E	54	5.6	62.4	<1	0.2	5.4	63	3
Line 10 6143540N/593650E	49	4.9	23.9	<1	0.3	2.4	14	5
Line 10 6143540N/593675E	51	3.6	53.7	<1	0.4	5.0	39	4
Line 10 6143540N/593700E	92	8.5	441	<1	0.4	6.3	121	6
Line 10 6143540N/593725E	11	0.8	54.9	<1	<0.1	6.3	33	<1
Line 10 6143540N/593750E	52	2.4	25.6	<1	0.2	3.2	20	2
Line 10 6143540N/593775E	60	2.8	26.8	<1	0.2	3.1	17	3
Line 10 6143540N/593800E	44	4.2	48.2	<1	0.3	4.9	44	3
Line 10 6143540N/593825E	43	4.8	29.9	<1	0.3	4.0	32	3
Line 10 6143540N/593850E	37	4.3	52.8	<1	0.3	4.9	35	2
Line 10 6143540N/593875E	65	5.1	22.9	<1	0.2	10.9	32	8
Line 10 6143540N/593900E	28	2.3	225	<1	<0.1	4.6	103	2
Line 10 6143540N/593925E	48	5.9	101	<1	0.2	4.8	137	7
Line 10 6143540N/593950E	9	0.9	43.5	<1	<0.1	2.5	2	<1
Line 10 6143540N/593975E	68	6.2	224	<1	0.2	8.3	164	4
Line 10 6143540N/594000E	15	1.6	67.6	<1	<0.1	7.8	63	<1
Line 10 6143540N/594025E	7	0.7	20.4	<1	<0.1	8.0	14	<1
Line 10 6143540N/594050E	21	2.0	29.3	<1	<0.1	6.5	29	1
Line 10 6143540N/594075E	12	0.8	115	<1	<0.1	6.1	87	<1
Line 10 6143540N/594100E	79	3.7	2.9	<1	0.2	3.3	5	2
Line 10 6143540N/594125E	127	12.0	90.6	<1	0.5	6.8	76	15
Line 1E 593950E/6143125N	78	7.3	20.2	<1	0.4	2.3	22	2
Line 1E 593950E/6143150N	109	5.6	4.6	<1	0.3	4.3	3	1
Line 1E 593950E/6143175N	69	4.3	15.7	<1	0.2	3.1	9	2
Line 1E 593950E/6143200N	32	2.2	46.8	<1	0.2	2.8	31	2
Line 1E 593950E/6143250N	79	5.9	15.3	<1	0.3	5.6	16	4
Line 1E 593950E/6143275N	34	4.5	9.4	<1	0.2	5.3	7	3
Line 1E 593950E/6143300N	11	0.7	17.3	<1	<0.1	4.7	10	<1
Line 1E 593950E/6143325N	12	2.9	50.3	<1	0.1	2.5	30	<1
Line 1E 593950E/6143350N	22	3.9	161	<1	<0.1	4.5	107	6
Line 1E 593950E/6143375N	14	1.0	285	3	<0.1	4.0	114	<1
Line 1E 593950E/6143400N	32	3.1	166	<1	0.2	4.0	149	3
Line 1E 593950E/6143425N	25	2.6	35.5	<1	0.1	4.1	56	1
Line 1E 593950E/6143450N	29	2.1	25.1	<1	0.2	3.6	39	<1
Line 1E 593950E/6143475N	48	4.4	426	<1	0.3	3.7	193	2
Line 1E 593950E/6143500N	48	3.8	173	<1	0.3	3.5	195	3

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
Line 2E 93600E/6143100N	42	2.7	74.2	<1	0.2	6.8	76	<1
Line 2E 93600E/6143125N	57	6.3	38.7	<1	0.4	10.0	24	4
Line 2E 93600E/6143150N	59	7.4	41.5	<1	0.2	12.7	19	6
Line 2E 93600E/6143175N	40	3.2	45.0	<1	0.4	4.8	33	2
Line 2E 93600E/6143200N	41	2.6	24.7	<1	0.3	3.6	27	3
Line 2E 93600E/6143225N	51	8.7	19.3	<1	0.2	5.3	13	4
Line 2E 93600E/6143250N	45	5.3	102	1	0.2	7.5	101	5
Line 2E 93600E/6143275N	71	5.3	54.7	1	0.5	6.1	41	5
Line 2E 93600E/6143300N	46	4.1	18.8	<1	0.4	3.4	24	<1
Line 2E 93600E/6143325N	19	3.5	63.3	<1	0.2	3.7	91	<1
Line 2E 93600E/6143350N	50	4.9	19.6	<1	0.3	3.1	30	1
Line 2E 93600E/6143375N	81	9.3	68.1	<1	0.4	10.6	118	9
Line 2E 93600E/6143400N	10	1.4	30.7	<1	<0.1	3.7	21	<1
Line 2E 93600E/6143425N	23	1.9	106	<1	<0.1	6.4	65	3
Line 2E 93600E/6143450N	35	4.6	57.9	<1	0.3	3.9	63	7
Line 2E 93600E/6143475N	25	3.7	52.2	<1	0.1	8.0	20	5
Line 2E 93600E/6143500N	60	3.8	16.1	<1	<0.1	17.5	9	5

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
Line 3 6143140N/593400E	0.9	15800	8	1.8	31	51	8.1	192
Line 3 6143140N/593450E	3.4	4200	3	0.5	47	66	4.2	5200
Line 3 6143140N/593475E	4.1	600	2	<0.5	59	55	1.3	484
Line 3 6143140N/593500E	27.1	2900	5	<0.5	79	41	0.1	110
Line 3 6143140N/593525E	5.1	1500	9	<0.5	94	19	2.9	213
Line 3 6143140N/593550E	3.9	2900	<2	1.0	4	60	3.0	131
Line 3 6143140N/593600E	8.5	7200	12	<0.5	57	65	2.5	179
Line 3 6143140N/593625E	45.1	2900	8	<0.5	59	127	<0.1	58
Line 3 6143140N/593650E	31.4	500	4	<0.5	249	40	0.1	92
Line 3 6143140N/593675E	26.4	1100	4	<0.5	59	28	0.1	101
Line 3 6143140N/593700E	2.6	42100	5	0.6	103	306	2.7	274
Line 3 6143140N/593750E	0.8	2500	2	1.5	92	36	3.4	670
Line 3 6143140N/593775E	0.5	2600	5	1.3	289	14	8.4	922
Line 3 6143140N/593800E	9.7	5800	7	<0.5	258	42	1.0	93
Line 3 6143140N/593825E	0.6	3000	3	1.1	168	19	13.7	1210
Line 3 6143140N/593875E	0.7	2100	2	0.9	56	17	2.8	229
Line 3 6143140N/593900E	2.2	3700	2	<0.5	34	75	1.0	133
Line 3 6143140N/593925E	1.0	10100	3	1.0	23	26	6.8	672
Line 3 6143140N/593950E	1.4	11600	4	0.8	16	32	4.6	317
Line 3 6143140N/593975E	4.3	2600	<2	0.7	1	24	1.6	7
Line 3 6143140N/594000E	3.7	200	<2	<0.5	20	34	0.3	114
Line 3 6143140N/594025E	7.2	4100	2	<0.5	83	61	<0.1	32
Line 3 6143140N/594050E	1.4	3800	4	0.6	173	15	5.4	320
Line 3 6143140N/594075E	4.8	200	<2	<0.5	10	26	<0.1	30
Line 3 6143140N/594100E	12.0	800	33	<0.5	29	71	<0.1	18
Line 3 6143140N/594125E	0.6	5000	2	1.0	23	24	3.6	435
Line 3 6143140N/594150E	1.2	2500	4	5.3	253	19	3.4	347
Line 4 6143240N/593400E	4.9	28900	19	0.6	207	88	4.5	267
Line 4 6143240N/593425E	23.6	5700	34	<0.5	93	59	0.5	180
Line 4 6143240N/593450E	43.1	3100	41	<0.5	32	44	<0.1	120
Line 4 6143240N/593475E	1.3	1500	4	0.7	105	22	4.6	448
Line 4 6143240N/593500E	0.6	4300	21	1.2	137	19	13.4	605
Line 4 6143240N/593525E	0.7	1500	2	2.7	34	18	13.1	223
Line 4 6143240N/593550E	0.6	3000	2	3.4	44	19	7.6	312
Line 4 6143240N/593575E	0.7	2400	4	0.9	269	29	12.9	377
Line 4 6143240N/593600E	3.8	13200	7	<0.5	423	97	4.2	181
Line 4 6143240N/593625E	1.0	10000	3	<0.5	53	137	5.8	1350
Line 4 6143240N/593650E	2.1	2500	<2	<0.5	392	25	3.1	538
Line 4 6143240N/593675E	0.8	14800	4	<0.5	57	76	7.4	3110
Line 4 6143240N/593700E	1.2	15900	4	1.0	9	68	10.9	171

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
Line 4 6143240N/593725E	0.7	3300	<2	<0.5	264	24	3.1	447
Line 4 6143240N/593750E	<0.5	9600	4	<0.5	385	28	6.4	1300
Line 4 6143240N/593775E	1.0	2400	2	0.8	5	27	3.8	110
Line 4 6143240N/593800E	0.6	100	2	4.9	3	29	2.5	16
Line 4 6143240N/593825E	1.3	8700	3	0.5	64	17	3.0	201
Line 4 6143240N/593850E	<0.5	2900	3	0.5	122	33	3.6	1070
Line 4 6143240N/593875E	1.7	2400	2	1.2	78	23	6.3	386
Line 4 6143240N/593900E	1.6	12300	2	0.9	82	32	4.4	214
Line 4 6143240N/593925E	1.2	16300	4	<0.5	51	121	9.1	152
Line 4 6143240N/593950E	3.6	5200	4	1.2	36	43	6.1	86
Line 4 6143240N/593975E	6.9	500	3	<0.5	21	32	0.3	30
Line 4 6143240N/594000E	0.6	7800	5	1.5	8	29	4.8	208
Line 4 6143240N/594025E	2.4	9000	2	0.7	120	35	2.2	249
Line 4 6143240N/594050E	1.5	1500	3	1.0	51	23	6.9	257
Line 4 6143240N/594075E	3.9	4400	<2	<0.5	28	43	1.2	327
Line 4 6143240N/594100E	1.1	2300	4	1.8	9	30	7.5	201
Line 4 6143240N/594125E	2.3	2000	3	2.3	95	29	8.4	1000
Line 5 6143340N/593600E	21.4	1600	<2	<0.5	101	104	0.3	266
Line 5 6143340N/593625E	11.1	2500	<2	<0.5	132	60	1.4	214
Line 5 6143340N/593650E	3.7	5900	4	0.7	129	38	7.5	611
Line 5 6143340N/593675E	2.7	7800	6	3.1	144	25	8.5	338
Line 5 6143340N/593700E	5.1	17200	3	0.7	14	76	5.8	313
Line 5 6143340N/593725E	1.1	6800	11	1.3	99	118	12.4	6340
Line 5 6143340N/593750E	2.1	3400	4	1.7	116	37	8.1	447
Line 5 6143340N/593775E	4.3	2500	4	1.2	502	47	10.4	399
Line 5 6143340N/593800E	1.2	2600	2	1.4	114	33	5.9	238
Line 5 6143340N/593825E	0.9	1100	<2	2.1	26	34	7.5	106
Line 5 6143340N/593850E	0.7	1500	<2	1.6	79	26	7.2	200
Line 5 6143340N/593875E	<0.5	6900	3	3.5	200	21	10.8	782
Line 5 6143340N/593900E	1.8	10600	5	2.0	150	47	17.4	1400
Line 5 6143340N/593925E	2.8	4000	5	<0.5	223	25	0.5	94
Line 5 6143340N/593950E	2.7	18200	2	<0.5	54	78	0.8	218
Line 5 6143340N/593975E	1.5	2200	7	2.9	311	26	3.4	434
Line 5 6143340N/594000E	0.6	1700	3	7.5	188	19	5.0	555
Line 5 6143340N/594025E	3.7	10400	5	0.6	152	51	8.4	390
Line 5 6143340N/594050E	1.6	1100	3	2.3	11	42	7.2	82
Line 5 6143340N/594075E	0.5	10000	3	<0.5	90	52	7.6	161
Line 5 6143340N/594100E	5.6	6100	2	<0.5	10	53	0.5	79
Line 5 6143340N/594125E	1.6	5900	<2	<0.5	19	37	2.3	360
Line 5 6143340N/594150E	<0.5	900	<2	1.1	29	20	4.4	263

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
Line 5 6143340N/594175E	1.7	13400	2	0.5	41	53	6.0	370
Line 5 6143340N/594200E	1.3	10100	<2	<0.5	81	29	6.4	253
Line 5 6143340N/594225E	1.0	10800	2	0.9	96	20	1.4	205
Line 5 6143340N/594250E	1.0	900	4	5.9	11	25	6.1	84
Line 5 6143340N/594275E	1.6	16600	3	1.1	32	46	8.3	245
Line 5 6143340N/594300E	1.3	4800	3	8.5	13	42	9.7	231
Line 6 6143440N/593425E	2.4	11900	<2	0.9	77	80	7.6	475
Line 6 6143440N/593450E	10.9	500	<2	<0.5	118	34	0.6	681
Line 6 6143440N/593475E	8.2	14800	2	<0.5	278	38	0.6	916
Line 6 6143440N/593500E	3.5	1600	3	<0.5	549	28	1.9	1470
Line 6 6143440N/593525E	1.2	12600	3	1.8	106	42	11.4	3440
Line 6 6143440N/593550E	0.7	200	<2	<0.5	51	17	1.0	323
Line 6 6143440N/593575E	2.9	3000	<2	0.5	194	98	2.4	210
Line 6 6143440N/593600E	11.3	4500	3	<0.5	83	130	1.2	183
Line 6 6143440N/593625E	1.5	900	4	2.9	76	61	7.7	350
Line 6 6143440N/593650E	4.4	400	<2	<0.5	1120	35	0.6	624
Line 6 6143440N/593675E	2.3	15600	7	0.9	38	106	6.7	754
Line 6 6143440N/593700E	0.7	800	2	1.2	17	30	17.4	340
Line 6 6143440N/593725E	2.2	6200	5	<0.5	593	47	5.6	566
Line 6 6143440N/593750E	2.0	5700	5	0.9	59	29	1.9	513
Line 6 6143440N/593775E	2.2	2700	<2	<0.5	110	55	3.7	70
Line 6 6143440N/593800E	2.7	10300	<2	<0.5	82	61	2.0	79
Line 6 6143440N/593825E	0.8	1800	2	1.7	36	32	8.5	415
Line 6 6143440N/593850E	2.6	12700	4	<0.5	115	38	0.6	100
Line 6 6143440N/593875E	6.2	30900	8	<0.5	38	102	0.7	81
Line 6 6143440N/593900E	<0.5	200	<2	0.6	95	16	3.8	501
Line 6 6143440N/593925E	3.1	3500	<2	<0.5	29	97	0.1	95
Line 6 6143440N/593950E	0.6	2000	<2	0.6	65	30	6.2	565
Line 6 6143440N/593975E	2.1	400	<2	<0.5	272	15	0.5	290
Line 6 6143440N/594000E	3.8	4000	2	<0.5	594	40	2.6	299
Line 6 6143440N/594025E	0.9	800	<2	0.9	20	39	3.2	299
Line 6 6143440N/594050E	10.5	100	2	<0.5	242	32	0.1	191
Line 6 6143440N/594075E	2.7	6700	7	<0.5	91	27	0.5	152
Line 6 6143440N/594100E	8.1	9600	3	<0.5	67	90	0.4	319
Line 6 6143440N/594125E	1.0	6000	2	1.3	24	34	4.5	441
Line 10 6143540N/593400E	0.8	8000	3	0.7	58	29	12.4	246
Line 10 6143540N/593425E	0.6	600	<2	1.3	91	27	4.0	268
Line 10 6143540N/593450E	2.5	4400	2	<0.5	216	40	7.6	207
Line 10 6143540N/593475E	2.3	4800	<2	0.9	153	26	4.8	236
Line 10 6143540N/593500E	0.9	900	<2	1.3	176	12	2.9	224

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
Line 10 6143540N/593525E	0.8	2000	<2	6.4	243	19	4.9	167
Line 10 6143540N/593550E	<0.5	1200	<2	1.3	106	32	6.7	191
Line 10 6143540N/593575E	5.7	5300	3	<0.5	172	52	3.1	312
Line 10 6143540N/593600E	4.2	1100	<2	<0.5	285	45	0.8	153
Line 10 6143540N/593625E	3.9	10200	13	2.2	151	52	3.2	270
Line 10 6143540N/593650E	1.1	600	<2	1.0	51	31	2.1	280
Line 10 6143540N/593675E	1.0	1500	<2	1.6	141	26	5.3	318
Line 10 6143540N/593700E	1.3	5500	7	2.1	841	47	4.8	305
Line 10 6143540N/593725E	15.2	4600	<2	<0.5	98	42	<0.1	53
Line 10 6143540N/593750E	2.9	11400	3	<0.5	53	66	1.5	282
Line 10 6143540N/593775E	1.5	1000	<2	1.3	49	30	4.5	175
Line 10 6143540N/593800E	1.1	5000	<2	2.1	123	35	8.2	197
Line 10 6143540N/593825E	1.2	2300	<2	1.2	80	47	11.7	303
Line 10 6143540N/593850E	1.0	13000	3	1.7	105	36	12.2	260
Line 10 6143540N/593875E	3.9	3200	2	<0.5	57	47	2.9	297
Line 10 6143540N/593900E	12.5	1800	<2	<0.5	374	107	0.8	356
Line 10 6143540N/593925E	3.3	2000	<2	2.0	283	28	4.8	180
Line 10 6143540N/593950E	6.3	1100	<2	<0.5	23	71	0.1	273
Line 10 6143540N/593975E	2.1	600	2	<0.5	564	46	4.5	515
Line 10 6143540N/594000E	5.4	400	<2	<0.5	150	22	1.1	325
Line 10 6143540N/594025E	10.2	7500	3	<0.5	38	31	0.5	141
Line 10 6143540N/594050E	14.6	45400	14	<0.5	81	165	0.6	70
Line 10 6143540N/594075E	5.2	16100	4	<0.5	230	77	0.4	252
Line 10 6143540N/594100E	0.9	600	<2	1.1	7	31	3.8	174
Line 10 6143540N/594125E	5.8	5000	3	0.8	229	46	4.1	375
Line 1E 593950E/6143125N	0.8	1000	2	2.0	53	40	3.3	300
Line 1E 593950E/6143150N	2.5	7500	2	0.7	7	53	4.0	536
Line 1E 593950E/6143175N	1.5	2100	<2	0.8	29	42	3.9	191
Line 1E 593950E/6143200N	1.4	6500	<2	0.5	102	33	2.9	308
Line 1E 593950E/6143250N	1.5	1000	2	1.0	38	52	3.6	289
Line 1E 593950E/6143275N	0.8	2100	3	1.1	19	39	4.2	249
Line 1E 593950E/6143300N	3.2	1700	4	<0.5	27	49	0.2	102
Line 1E 593950E/6143325N	<0.5	1900	<2	<0.5	110	17	1.2	118
Line 1E 593950E/6143350N	2.8	400	<2	<0.5	294	35	0.6	229
Line 1E 593950E/6143375N	62.9	500	<2	<0.5	417	215	<0.1	567
Line 1E 593950E/6143400N	5.9	700	<2	0.6	430	40	2.6	264
Line 1E 593950E/6143425N	1.2	2600	<2	<0.5	107	29	6.6	317
Line 1E 593950E/6143450N	<0.5	1000	<2	0.5	76	22	4.5	372
Line 1E 593950E/6143475N	14.1	1200	<2	<0.5	879	164	0.7	489
Line 1E 593950E/6143500N	2.1	900	<2	<0.5	510	23	1.7	330

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
Line 2E 93600E/6143100N	24.2	18200	56	<0.5	164	70	1.6	223
Line 2E 93600E/6143125N	2.2	3100	8	0.6	72	77	6.3	1030
Line 2E 93600E/6143150N	9.6	1400	4	<0.5	73	149	3.6	397
Line 2E 93600E/6143175N	2.4	2200	2	<0.5	100	71	4.0	704
Line 2E 93600E/6143200N	1.2	800	<2	<0.5	62	53	4.6	490
Line 2E 93600E/6143225N	1.3	9800	4	1.3	36	108	11.0	135
Line 2E 93600E/6143250N	2.0	23800	4	1.0	260	104	11.4	281
Line 2E 93600E/6143275N	1.0	12000	3	2.0	104	58	10.3	1400
Line 2E 93600E/6143300N	<0.5	800	<2	11.2	50	30	4.8	188
Line 2E 93600E/6143325N	<0.5	700	<2	2.4	203	18	5.2	158
Line 2E 93600E/6143350N	0.5	900	<2	4.4	57	33	7.4	309
Line 2E 93600E/6143375N	2.3	6300	3	2.4	225	46	13.8	466
Line 2E 93600E/6143400N	7.3	4800	8	<0.5	62	42	0.2	331
Line 2E 93600E/6143425N	5.7	1900	3	<0.5	193	45	0.5	316
Line 2E 93600E/6143450N	1.6	1100	<2	1.0	148	28	4.2	244
Line 2E 93600E/6143475N	4.2	11400	<2	0.5	84	79	2.8	151
Line 2E 93600E/6143500N	5.6	12700	2	0.6	25	74	2.7	135

Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Line 3 6143140N/593400E	<1	6.6	<0.1	189	2.3	28	10	<1
Line 3 6143140N/593450E	<1	7.7	<0.1	163	3.1	22	17	<1
Line 3 6143140N/593475E	<1	11.0	<0.1	121	0.6	25	18	<1
Line 3 6143140N/593500E	<1	14.5	<0.1	125	2.9	8	27	<1
Line 3 6143140N/593525E	<1	19.1	<0.1	158	4.7	38	29	<1
Line 3 6143140N/593550E	<1	0.7	<0.1	114	<0.5	16	2	<1
Line 3 6143140N/593600E	<1	10.0	<0.1	198	5.9	26	21	<1
Line 3 6143140N/593625E	<1	9.3	<0.1	168	3.2	6	24	<1
Line 3 6143140N/593650E	<1	44.3	<0.1	120	3.2	44	86	<1
Line 3 6143140N/593675E	<1	10.8	<0.1	164	4.4	11	22	<1
Line 3 6143140N/593700E	<1	20.5	<0.1	157	4.8	86	35	<1
Line 3 6143140N/593750E	<1	18.4	<0.1	97	5.0	50	29	<1
Line 3 6143140N/593775E	<1	61.4	<0.1	121	3.4	72	84	<1
Line 3 6143140N/593800E	<1	46.1	<0.1	84	7.5	42	76	<1
Line 3 6143140N/593825E	<1	34.0	<0.1	121	1.9	67	50	<1
Line 3 6143140N/593875E	<1	10.2	<0.1	91	0.7	19	18	<1
Line 3 6143140N/593900E	<1	5.8	<0.1	81	<0.5	31	13	<1
Line 3 6143140N/593925E	<1	4.2	<0.1	107	0.6	26	8	<1
Line 3 6143140N/593950E	<1	3.0	<0.1	88	1.0	19	6	<1
Line 3 6143140N/593975E	<1	<0.5	<0.1	31	<0.5	9	<1	<1
Line 3 6143140N/594000E	<1	3.9	<0.1	100	<0.5	14	6	<1
Line 3 6143140N/594025E	<1	13.5	<0.1	57	0.7	12	33	<1
Line 3 6143140N/594050E	<1	34.4	<0.1	162	2.2	60	51	<1
Line 3 6143140N/594075E	<1	1.8	<0.1	86	<0.5	6	3	<1
Line 3 6143140N/594100E	<1	3.9	<0.1	11	1.4	31	15	<1
Line 3 6143140N/594125E	<1	4.6	<0.1	66	0.9	29	8	<1
Line 3 6143140N/594150E	<1	51.6	<0.1	78	3.2	45	72	<1
Line 4 6143240N/593400E	<1	42.5	<0.1	158	4.0	58	60	<1
Line 4 6143240N/593425E	<1	16.6	<0.1	75	0.9	41	32	<1
Line 4 6143240N/593450E	<1	6.2	<0.1	106	0.8	5	11	<1
Line 4 6143240N/593475E	<1	21.2	<0.1	103	5.9	39	31	<1
Line 4 6143240N/593500E	<1	29.2	<0.1	184	8.9	66	40	<1
Line 4 6143240N/593525E	<1	7.1	<0.1	112	0.8	38	11	<1
Line 4 6143240N/593550E	<1	9.7	<0.1	202	2.4	37	14	<1
Line 4 6143240N/593575E	<1	55.0	<0.1	148	2.8	89	78	<1
Line 4 6143240N/593600E	<1	92.3	<0.1	219	6.3	71	112	<1
Line 4 6143240N/593625E	<1	9.7	<0.1	165	11.6	36	19	<1
Line 4 6143240N/593650E	<1	69.3	<0.1	94	2.0	115	126	<1
Line 4 6143240N/593675E	<1	10.8	<0.1	149	8.6	44	21	<1
Line 4 6143240N/593700E	<1	1.5	<0.1	109	1.9	26	3	<1

Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Line 4 6143240N/593725E	<1	50.3	<0.1	98	0.6	89	82	<1
Line 4 6143240N/593750E	<1	74.6	<0.1	134	4.6	135	116	<1
Line 4 6143240N/593775E	<1	1.0	<0.1	58	<0.5	34	2	<1
Line 4 6143240N/593800E	<1	0.6	<0.1	24	<0.5	20	<1	<1
Line 4 6143240N/593825E	<1	13.9	<0.1	95	2.5	37	20	<1
Line 4 6143240N/593850E	<1	22.9	<0.1	170	1.3	71	42	<1
Line 4 6143240N/593875E	<1	16.0	<0.1	182	7.6	65	25	<1
Line 4 6143240N/593900E	<1	15.7	<0.1	137	1.3	37	27	<1
Line 4 6143240N/593925E	<1	9.7	<0.1	122	0.5	50	20	<1
Line 4 6143240N/593950E	<1	6.6	<0.1	70	3.1	32	13	<1
Line 4 6143240N/593975E	<1	3.2	<0.1	84	0.5	7	9	<1
Line 4 6143240N/594000E	<1	1.6	<0.1	127	0.5	22	3	<1
Line 4 6143240N/594025E	<1	23.8	<0.1	119	5.4	58	39	<1
Line 4 6143240N/594050E	<1	9.9	<0.1	180	2.6	37	17	<1
Line 4 6143240N/594075E	<1	4.8	<0.1	99	1.1	23	9	<1
Line 4 6143240N/594100E	<1	1.8	<0.1	58	<0.5	28	3	<1
Line 4 6143240N/594125E	<1	21.8	<0.1	147	7.2	77	28	<1
Line 5 6143340N/593600E	<1	18.3	<0.1	93	1.0	71	37	<1
Line 5 6143340N/593625E	<1	23.7	<0.1	143	1.1	62	47	<1
Line 5 6143340N/593650E	<1	27.3	<0.1	173	21.5	70	38	<1
Line 5 6143340N/593675E	<1	25.5	<0.1	142	4.9	61	46	<1
Line 5 6143340N/593700E	<1	2.6	<0.1	111	5.2	38	5	<1
Line 5 6143340N/593725E	<1	20.3	<0.1	119	53.3	85	33	<1
Line 5 6143340N/593750E	<1	24.1	<0.1	166	12.0	72	33	<1
Line 5 6143340N/593775E	<1	99.2	<0.1	150	17.8	156	135	<1
Line 5 6143340N/593800E	<1	24.2	<0.1	173	2.7	49	34	<1
Line 5 6143340N/593825E	<1	4.6	<0.1	82	<0.5	40	9	<1
Line 5 6143340N/593850E	<1	16.4	<0.1	173	1.9	44	24	<1
Line 5 6143340N/593875E	<1	40.4	<0.1	125	1.7	79	62	<1
Line 5 6143340N/593900E	<1	32.9	<0.1	160	6.8	73	43	<1
Line 5 6143340N/593925E	<1	40.6	<0.1	90	3.1	95	80	<1
Line 5 6143340N/593950E	<1	10.4	<0.1	76	2.2	76	19	<1
Line 5 6143340N/593975E	<1	57.4	<0.1	91	12.8	130	94	<1
Line 5 6143340N/594000E	<1	39.5	<0.1	76	2.1	112	54	<1
Line 5 6143340N/594025E	<1	32.6	<0.1	159	19.8	131	47	1
Line 5 6143340N/594050E	<1	2.2	<0.1	86	<0.5	28	4	<1
Line 5 6143340N/594075E	<1	16.6	<0.1	154	1.2	60	32	<1
Line 5 6143340N/594100E	<1	1.8	<0.1	74	<0.5	17	3	<1
Line 5 6143340N/594125E	<1	3.0	<0.1	67	1.2	22	8	<1
Line 5 6143340N/594150E	<1	6.0	<0.1	80	0.6	28	9	<1

Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Line 5 6143340N/594175E	<1	7.7	<0.1	160	5.4	46	15	<1
Line 5 6143340N/594200E	<1	13.4	<0.1	113	<0.5	46	29	<1
Line 5 6143340N/594225E	<1	18.3	<0.1	109	0.8	48	34	<1
Line 5 6143340N/594250E	<1	2.3	<0.1	59	<0.5	27	3	<1
Line 5 6143340N/594275E	<1	6.7	<0.1	134	0.9	35	11	<1
Line 5 6143340N/594300E	<1	3.0	<0.1	52	0.8	29	4	<1
Line 6 6143440N/593425E	<1	13.2	<0.1	141	1.7	47	28	<1
Line 6 6143440N/593450E	<1	20.4	<0.1	160	0.9	51	42	<1
Line 6 6143440N/593475E	<1	54.6	<0.1	163	4.1	34	90	<1
Line 6 6143440N/593500E	<1	101	<0.1	190	9.2	119	173	<1
Line 6 6143440N/593525E	<1	18.1	<0.1	173	1.5	73	39	<1
Line 6 6143440N/593550E	<1	6.4	<0.1	41	<0.5	55	26	<1
Line 6 6143440N/593575E	<1	30.8	<0.1	44	<0.5	91	67	<1
Line 6 6143440N/593600E	<1	14.0	<0.1	40	0.7	78	33	<1
Line 6 6143440N/593625E	<1	12.6	<0.1	103	3.6	56	24	<1
Line 6 6143440N/593650E	<1	188	<0.1	83	4.4	309	339	<1
Line 6 6143440N/593675E	<1	6.8	<0.1	106	2.5	91	13	<1
Line 6 6143440N/593700E	<1	3.3	<0.1	75	0.9	46	6	<1
Line 6 6143440N/593725E	<1	107	<0.1	109	9.0	213	170	<1
Line 6 6143440N/593750E	<1	10.7	<0.1	64	1.3	23	20	<1
Line 6 6143440N/593775E	<1	17.5	<0.1	36	<0.5	80	40	<1
Line 6 6143440N/593800E	<1	13.4	<0.1	58	<0.5	59	34	<1
Line 6 6143440N/593825E	<1	6.2	<0.1	72	1.4	38	12	<1
Line 6 6143440N/593850E	<1	21.2	<0.1	84	1.0	53	36	<1
Line 6 6143440N/593875E	<1	7.1	<0.1	73	0.7	38	13	<1
Line 6 6143440N/593900E	<1	18.1	<0.1	66	<0.5	97	28	<1
Line 6 6143440N/593925E	<1	5.4	<0.1	59	<0.5	26	11	<1
Line 6 6143440N/593950E	<1	12.5	<0.1	23	<0.5	28	20	<1
Line 6 6143440N/593975E	<1	49.4	<0.1	90	<0.5	81	78	<1
Line 6 6143440N/594000E	<1	106	<0.1	84	10.5	189	182	<1
Line 6 6143440N/594025E	<1	3.0	<0.1	50	<0.5	48	9	<1
Line 6 6143440N/594050E	<1	38.1	<0.1	106	<0.5	143	95	<1
Line 6 6143440N/594075E	<1	15.5	<0.1	100	0.6	56	34	<1
Line 6 6143440N/594100E	<1	10.6	<0.1	48	0.6	80	29	<1
Line 6 6143440N/594125E	<1	4.6	<0.1	67	5.0	36	8	<1
Line 10 6143540N/593400E	<1	10.2	<0.1	166	2.0	40	18	<1
Line 10 6143540N/593425E	<1	16.9	<0.1	143	0.7	82	26	<1
Line 10 6143540N/593450E	<1	44.1	<0.1	108	3.6	56	61	<1
Line 10 6143540N/593475E	<1	30.7	<0.1	114	4.5	53	47	<1
Line 10 6143540N/593500E	<1	30.4	<0.1	116	2.5	51	52	<1

Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Line 10 6143540N/593525E	<1	45.4	<0.1	98	2.2	66	72	<1
Line 10 6143540N/593550E	<1	19.6	<0.1	127	0.6	46	35	<1
Line 10 6143540N/593575E	<1	29.9	<0.1	125	0.7	106	59	<1
Line 10 6143540N/593600E	<1	47.1	<0.1	48	<0.5	86	91	<1
Line 10 6143540N/593625E	<1	29.6	<0.1	112	4.3	92	50	<1
Line 10 6143540N/593650E	<1	8.7	<0.1	57	3.6	42	16	<1
Line 10 6143540N/593675E	<1	24.9	<0.1	154	3.0	64	43	<1
Line 10 6143540N/593700E	<1	121	<0.1	106	8.8	286	318	<1
Line 10 6143540N/593725E	<1	16.3	<0.1	86	<0.5	14	37	<1
Line 10 6143540N/593750E	<1	9.2	<0.1	69	1.0	56	18	<1
Line 10 6143540N/593775E	<1	8.9	<0.1	47	0.5	61	18	<1
Line 10 6143540N/593800E	<1	23.3	<0.1	141	1.1	53	38	<1
Line 10 6143540N/593825E	<1	15.5	<0.1	118	1.5	54	23	<1
Line 10 6143540N/593850E	<1	19.5	<0.1	123	1.1	73	38	<1
Line 10 6143540N/593875E	<1	11.2	<0.1	181	10.3	50	17	<1
Line 10 6143540N/593900E	<1	59.9	<0.1	75	<0.5	205	147	<1
Line 10 6143540N/593925E	<1	54.1	<0.1	123	3.7	103	84	<1
Line 10 6143540N/593950E	<1	2.5	<0.1	16	<0.5	23	18	<1
Line 10 6143540N/593975E	<1	99.4	<0.1	102	7.9	212	162	<1
Line 10 6143540N/594000E	<1	28.3	<0.1	146	2.1	47	49	<1
Line 10 6143540N/594025E	<1	6.6	<0.1	102	<0.5	15	14	<1
Line 10 6143540N/594050E	<1	14.6	<0.1	78	2.2	23	25	<1
Line 10 6143540N/594075E	<1	41.7	<0.1	106	0.6	82	81	<1
Line 10 6143540N/594100E	<1	1.4	<0.1	42	0.5	17	2	<1
Line 10 6143540N/594125E	<1	44.3	<0.1	106	14.8	108	70	1
Line 1E 593950E/6143125N	<1	10.1	<0.1	56	1.7	25	15	<1
Line 1E 593950E/6143150N	<1	1.2	<0.1	103	1.3	17	3	<1
Line 1E 593950E/6143175N	<1	5.1	<0.1	51	<0.5	23	11	<1
Line 1E 593950E/6143200N	<1	18.3	<0.1	118	0.6	25	33	<1
Line 1E 593950E/6143250N	<1	7.0	<0.1	98	1.5	26	12	<1
Line 1E 593950E/6143275N	<1	3.4	<0.1	60	<0.5	30	7	<1
Line 1E 593950E/6143300N	<1	4.8	<0.1	63	0.5	19	10	<1
Line 1E 593950E/6143325N	<1	18.6	<0.1	81	<0.5	53	39	<1
Line 1E 593950E/6143350N	<1	51.1	<0.1	88	1.1	180	104	<1
Line 1E 593950E/6143375N	<1	65.8	<0.1	33	<0.5	163	171	<1
Line 1E 593950E/6143400N	<1	75.4	<0.1	108	1.8	128	127	<1
Line 1E 593950E/6143425N	<1	22.7	<0.1	106	1.4	50	30	<1
Line 1E 593950E/6143450N	<1	15.8	<0.1	131	2.0	39	21	<1
Line 1E 593950E/6143475N	<1	136	<0.1	68	3.4	585	297	<1
Line 1E 593950E/6143500N	<1	96.3	<0.1	97	5.9	114	138	<1

Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Line 2E 93600E/6143100N	<1	30.7	<0.1	158	9.0	97	54	<1
Line 2E 93600E/6143125N	<1	12.9	<0.1	200	10.4	36	27	<1
Line 2E 93600E/6143150N	<1	12.6	<0.1	192	3.2	57	26	<1
Line 2E 93600E/6143175N	<1	19.2	<0.1	165	4.4	44	33	1
Line 2E 93600E/6143200N	<1	12.1	<0.1	120	6.5	33	19	<1
Line 2E 93600E/6143225N	<1	6.0	<0.1	117	1.2	34	14	<1
Line 2E 93600E/6143250N	<1	49.5	<0.1	168	10.6	108	79	<1
Line 2E 93600E/6143275N	<1	18.7	<0.1	218	18.7	74	36	<1
Line 2E 93600E/6143300N	<1	10.1	<0.1	107	<0.5	34	15	<1
Line 2E 93600E/6143325N	<1	40.8	<0.1	133	0.6	57	56	<1
Line 2E 93600E/6143350N	<1	11.9	<0.1	103	0.8	31	17	<1
Line 2E 93600E/6143375N	<1	47.7	<0.1	171	11.0	89	61	<1
Line 2E 93600E/6143400N	<1	10.2	<0.1	76	0.9	12	22	<1
Line 2E 93600E/6143425N	<1	33.5	<0.1	123	0.8	88	69	<1
Line 2E 93600E/6143450N	<1	29.7	<0.1	133	3.9	51	48	<1
Line 2E 93600E/6143475N	<1	14.0	<0.1	120	<0.5	55	31	<1
Line 2E 93600E/6143500N	<1	4.4	<0.1	73	<0.5	39	10	<1

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Line 3 6143140N/593400E	60	<1	2.1	10	11.0	350	0.3	4.9
Line 3 6143140N/593450E	350	<1	4.9	10	3.6	240	0.3	4.6
Line 3 6143140N/593475E	260	<1	4.4	10	1.8	120	0.2	3.1
Line 3 6143140N/593500E	2330	<1	5.1	10	1.9	<10	<0.1	19.5
Line 3 6143140N/593525E	370	<1	5.6	<10	7.3	190	0.3	4.8
Line 3 6143140N/593550E	360	<1	0.7	<10	2.2	100	0.5	2.2
Line 3 6143140N/593600E	660	<1	5.8	<10	4.4	100	1.4	19.9
Line 3 6143140N/593625E	5020	<1	4.5	<10	0.8	<10	0.2	210
Line 3 6143140N/593650E	3370	<1	15.1	<10	3.2	<10	0.3	93.8
Line 3 6143140N/593675E	2990	<1	4.2	<10	4.4	<10	0.2	15.5
Line 3 6143140N/593700E	600	<1	8.5	<10	5.5	140	0.3	37.5
Line 3 6143140N/593750E	50	<1	5.5	<10	7.4	340	0.4	4.9
Line 3 6143140N/593775E	20	<1	12.0	<10	15.3	300	0.4	7.3
Line 3 6143140N/593800E	1300	<1	10.4	<10	6.0	60	0.1	3.9
Line 3 6143140N/593825E	10	<1	8.6	<10	14.4	310	0.3	4.7
Line 3 6143140N/593875E	140	<1	3.8	<10	3.1	160	<0.1	3.3
Line 3 6143140N/593900E	890	<1	3.5	<10	2.2	120	0.3	6.5
Line 3 6143140N/593925E	100	<1	2.7	<10	4.5	210	0.4	2.8
Line 3 6143140N/593950E	130	<1	1.7	<10	5.6	260	0.3	2.6
Line 3 6143140N/593975E	330	<1	0.1	<10	1.3	150	0.1	1.0
Line 3 6143140N/594000E	2210	<1	1.3	<10	2.3	20	0.2	1.2
Line 3 6143140N/594025E	6280	<1	6.4	<10	4.1	<10	<0.1	5.8
Line 3 6143140N/594050E	250	<1	8.6	<10	10.4	170	<0.1	5.8
Line 3 6143140N/594075E	4510	<1	0.6	<10	1.5	<10	0.2	1.6
Line 3 6143140N/594100E	9980	<1	3.7	<10	2.4	<10	<0.1	6.0
Line 3 6143140N/594125E	10	<1	2.3	<10	4.1	300	<0.1	2.9
Line 3 6143140N/594150E	160	<1	14.1	<10	12.8	300	0.2	7.7
Line 4 6143240N/593400E	720	<1	10.6	<10	13.3	150	0.5	37.5
Line 4 6143240N/593425E	2670	<1	6.8	<10	2.6	20	0.2	34.1
Line 4 6143240N/593450E	5010	<1	2.1	<10	2.2	<10	0.1	47.6
Line 4 6143240N/593475E	210	<1	6.4	<10	10.2	290	0.3	15.2
Line 4 6143240N/593500E	10	<1	6.8	<10	17.7	340	0.9	17.5
Line 4 6143240N/593525E	40	<1	2.4	<10	12.5	940	0.4	5.8
Line 4 6143240N/593550E	<10	<1	2.9	<10	12.6	680	0.3	5.3
Line 4 6143240N/593575E	50	<1	13.3	<10	18.2	400	0.6	12.4
Line 4 6143240N/593600E	310	<1	18.4	<10	12.1	190	1.0	28.8
Line 4 6143240N/593625E	70	<1	5.3	<10	5.3	100	0.5	4.5
Line 4 6143240N/593650E	220	<1	29.5	<10	5.9	70	0.2	8.3
Line 4 6143240N/593675E	40	<1	5.4	<10	6.4	200	0.7	14.3
Line 4 6143240N/593700E	80	<1	1.6	<10	5.6	240	0.4	20.7

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Line 4 6143240N/593725E	80	<1	16.9	<10	3.7	60	0.3	2.1
Line 4 6143240N/593750E	20	<1	17.8	<10	16.6	100	0.3	5.3
Line 4 6143240N/593775E	80	<1	0.6	<10	3.3	110	0.4	2.9
Line 4 6143240N/593800E	20	<1	0.1	<10	2.4	310	0.3	2.4
Line 4 6143240N/593825E	260	<1	3.8	<10	8.9	210	0.6	4.2
Line 4 6143240N/593850E	10	<1	10.6	<10	4.3	90	0.4	6.3
Line 4 6143240N/593875E	90	<1	5.6	<10	11.9	410	1.1	4.3
Line 4 6143240N/593900E	310	<1	5.4	<10	6.9	310	0.6	3.5
Line 4 6143240N/593925E	50	<1	5.2	<10	9.1	170	0.6	2.7
Line 4 6143240N/593950E	440	<1	2.5	<10	5.2	420	0.5	3.5
Line 4 6143240N/593975E	2910	<1	1.6	<10	1.4	<10	0.2	3.2
Line 4 6143240N/594000E	30	<1	1.1	<10	4.7	260	1.0	3.4
Line 4 6143240N/594025E	650	<1	9.2	<10	6.2	430	0.9	3.2
Line 4 6143240N/594050E	200	<1	3.6	<10	7.5	390	0.9	2.9
Line 4 6143240N/594075E	1660	<1	2.9	<10	2.5	150	0.6	3.0
Line 4 6143240N/594100E	80	<1	1.0	<10	5.3	270	0.5	2.6
Line 4 6143240N/594125E	90	<1	5.2	<10	13.1	980	1.0	4.4
Line 5 6143340N/593600E	4590	<1	9.5	<10	5.0	<10	0.4	37.4
Line 5 6143340N/593625E	1550	<1	11.2	<10	4.3	40	0.5	17.5
Line 5 6143340N/593650E	400	<1	6.9	<10	17.4	350	0.9	12.5
Line 5 6143340N/593675E	230	<1	8.5	<10	13.6	660	0.8	10.3
Line 5 6143340N/593700E	300	<1	2.1	<10	7.5	270	1.0	5.2
Line 5 6143340N/593725E	20	<1	6.1	<10	10.8	390	0.6	13.3
Line 5 6143340N/593750E	100	<1	6.3	<10	15.9	1030	1.1	12.2
Line 5 6143340N/593775E	430	<1	25.4	<10	17.9	1250	1.2	6.9
Line 5 6143340N/593800E	40	<1	6.1	<10	10.8	540	1.0	5.0
Line 5 6143340N/593825E	30	<1	3.1	<10	3.6	380	0.7	3.2
Line 5 6143340N/593850E	20	<1	4.5	<10	9.8	650	0.8	3.6
Line 5 6143340N/593875E	30	<1	10.6	<10	16.5	850	0.6	9.2
Line 5 6143340N/593900E	80	<1	7.9	<10	15.4	1030	0.9	6.1
Line 5 6143340N/593925E	1430	<1	14.2	<10	5.2	270	0.6	13.8
Line 5 6143340N/593950E	1210	<1	4.8	<10	5.6	60	0.5	5.7
Line 5 6143340N/593975E	260	<1	18.2	<10	14.6	390	0.8	5.4
Line 5 6143340N/594000E	30	<1	10.4	<10	9.6	410	0.5	5.6
Line 5 6143340N/594025E	260	<1	10.4	<10	15.3	580	1.2	4.3
Line 5 6143340N/594050E	50	<1	0.7	<10	4.7	200	0.4	3.9
Line 5 6143340N/594075E	40	<1	6.9	<10	7.3	210	0.5	3.6
Line 5 6143340N/594100E	1560	<1	0.9	<10	0.7	30	0.5	3.8
Line 5 6143340N/594125E	210	<1	2.7	<10	3.2	120	0.4	1.0
Line 5 6143340N/594150E	30	<1	2.2	<10	3.9	180	0.4	3.5

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Line 5 6143340N/594175E	80	<1	5.1	<10	6.8	340	0.8	2.4
Line 5 6143340N/594200E	250	<1	7.0	<10	5.9	160	0.5	2.6
Line 5 6143340N/594225E	230	<1	6.9	<10	5.0	150	0.6	4.2
Line 5 6143340N/594250E	40	<1	0.8	<10	8.6	230	0.6	6.3
Line 5 6143340N/594275E	90	<1	3.1	<10	6.3	270	0.6	3.3
Line 5 6143340N/594300E	60	<1	1.0	<10	6.3	550	0.5	4.6
Line 6 6143440N/593425E	450	<1	8.5	10	9.8	280	0.6	10.9
Line 6 6143440N/593450E	1840	<1	9.8	<10	3.9	40	0.2	19.9
Line 6 6143440N/593475E	1210	<1	17.5	<10	4.9	20	0.3	124
Line 6 6143440N/593500E	350	<1	30.0	<10	9.8	110	<0.1	21.9
Line 6 6143440N/593525E	50	<1	11.8	<10	11.3	680	0.8	6.1
Line 6 6143440N/593550E	60	<1	13.4	<10	1.7	110	0.5	5.7
Line 6 6143440N/593575E	400	<1	19.2	<10	4.4	120	0.6	6.3
Line 6 6143440N/593600E	1910	<1	9.6	<10	3.6	90	0.3	9.4
Line 6 6143440N/593625E	170	<1	5.8	<10	8.4	940	1.0	10.7
Line 6 6143440N/593650E	1960	<1	77.7	<10	10.3	60	0.5	87.8
Line 6 6143440N/593675E	260	<1	4.8	<10	11.7	230	0.9	31.3
Line 6 6143440N/593700E	60	<1	2.5	<10	10.2	170	0.5	6.1
Line 6 6143440N/593725E	220	<1	28.7	<10	15.1	350	0.5	6.4
Line 6 6143440N/593750E	900	<1	4.3	<10	3.7	220	0.3	8.5
Line 6 6143440N/593775E	790	<1	11.4	<10	4.3	200	<0.1	8.0
Line 6 6143440N/593800E	630	<1	9.5	<10	4.8	100	0.3	9.1
Line 6 6143440N/593825E	60	<1	3.6	<10	7.8	550	0.6	4.9
Line 6 6143440N/593850E	930	<1	7.3	<10	3.1	40	0.3	4.9
Line 6 6143440N/593875E	1390	<1	2.8	<10	1.1	40	0.2	4.6
Line 6 6143440N/593900E	50	<1	7.2	<10	4.1	100	0.4	3.0
Line 6 6143440N/593925E	1760	<1	2.9	<10	1.4	<10	0.1	5.2
Line 6 6143440N/593950E	100	<1	5.7	<10	4.0	130	<0.1	2.1
Line 6 6143440N/593975E	840	<1	17.5	<10	2.6	<10	0.4	2.9
Line 6 6143440N/594000E	850	<1	30.5	<10	10.3	220	0.4	2.9
Line 6 6143440N/594025E	40	<1	3.3	<10	3.4	130	0.4	2.2
Line 6 6143440N/594050E	2670	<1	24.4	<10	6.5	<10	0.5	9.3
Line 6 6143440N/594075E	1350	<1	7.2	<10	3.3	30	0.3	9.5
Line 6 6143440N/594100E	1700	<1	9.2	<10	1.0	10	0.3	60.8
Line 6 6143440N/594125E	40	<1	2.2	<10	8.7	380	0.4	3.8
Line 10 6143540N/593400E	50	<1	4.7	<10	8.1	390	0.1	8.3
Line 10 6143540N/593425E	40	<1	6.3	<10	5.4	210	0.5	3.7
Line 10 6143540N/593450E	250	<1	10.9	<10	9.4	340	0.3	3.3
Line 10 6143540N/593475E	280	<1	9.3	<10	10.1	450	0.4	3.8
Line 10 6143540N/593500E	160	<1	11.3	<10	6.4	210	0.4	4.2

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Line 10 6143540N/593525E	110	<1	13.9	<10	9.5	1090	0.6	10.7
Line 10 6143540N/593550E	20	<1	7.7	<10	5.4	230	0.7	3.9
Line 10 6143540N/593575E	490	<1	14.7	<10	7.0	100	0.3	17.2
Line 10 6143540N/593600E	820	<1	22.1	<10	2.3	70	0.2	12.0
Line 10 6143540N/593625E	540	<1	9.8	<10	8.9	390	0.5	24.9
Line 10 6143540N/593650E	100	<1	4.5	<10	3.9	420	0.4	3.9
Line 10 6143540N/593675E	40	<1	8.1	<10	11.2	720	0.9	6.1
Line 10 6143540N/593700E	120	<1	73.6	<10	22.1	190	0.4	147
Line 10 6143540N/593725E	4380	<1	7.6	<10	2.4	<10	0.2	20.5
Line 10 6143540N/593750E	1330	<1	4.3	<10	3.9	50	0.6	3.2
Line 10 6143540N/593775E	300	<1	5.1	<10	7.9	170	0.6	5.7
Line 10 6143540N/593800E	60	<1	8.4	<10	8.9	800	1.1	5.1
Line 10 6143540N/593825E	70	<1	5.3	<10	9.3	450	0.7	4.1
Line 10 6143540N/593850E	50	<1	8.8	<10	12.6	770	1.1	6.5
Line 10 6143540N/593875E	350	<1	3.9	<10	11.3	280	1.1	3.4
Line 10 6143540N/593900E	1940	<1	33.2	<10	5.8	20	0.3	5.1
Line 10 6143540N/593925E	670	<1	15.4	<10	12.6	1490	1.1	6.6
Line 10 6143540N/593950E	3910	<1	7.2	<10	5.4	<10	0.1	1.7
Line 10 6143540N/593975E	130	<1	35.6	<10	6.3	260	0.8	2.0
Line 10 6143540N/594000E	1050	<1	9.7	<10	10.2	80	0.4	7.2
Line 10 6143540N/594025E	2320	<1	2.8	<10	1.6	<10	0.4	3.4
Line 10 6143540N/594050E	2910	<1	4.0	<10	2.9	20	0.4	14.1
Line 10 6143540N/594075E	3360	<1	16.6	<10	6.5	<10	0.5	33.5
Line 10 6143540N/594100E	60	<1	0.8	<10	4.2	190	0.4	2.7
Line 10 6143540N/594125E	330	<1	15.5	<10	9.7	370	0.9	2.9
Line 1E 593950E/6143125N	110	<1	3.8	<10	6.1	390	0.4	2.8
Line 1E 593950E/6143150N	160	<1	1.0	<10	4.6	170	0.8	2.4
Line 1E 593950E/6143175N	270	<1	3.0	<10	4.1	180	0.6	3.4
Line 1E 593950E/6143200N	330	<1	8.3	<10	4.1	160	0.8	5.0
Line 1E 593950E/6143250N	160	<1	3.0	<10	4.0	360	0.7	2.6
Line 1E 593950E/6143275N	30	<1	2.1	<10	3.0	190	0.4	2.6
Line 1E 593950E/6143300N	1860	<1	2.7	<10	0.8	<10	0.4	9.1
Line 1E 593950E/6143325N	70	<1	8.2	<10	3.9	70	0.1	2.4
Line 1E 593950E/6143350N	2160	<1	24.8	<10	6.9	70	0.6	6.7
Line 1E 593950E/6143375N	7900	<1	40.6	<10	5.8	<10	0.2	6.5
Line 1E 593950E/6143400N	1000	<1	24.8	<10	6.8	140	0.5	4.2
Line 1E 593950E/6143425N	70	<1	6.3	<10	7.2	150	0.5	3.0
Line 1E 593950E/6143450N	20	<1	4.3	<10	5.0	100	0.7	1.9
Line 1E 593950E/6143475N	3030	<1	68.3	<10	10.7	50	0.4	4.5
Line 1E 593950E/6143500N	500	<1	28.3	<10	6.9	150	0.8	3.1

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Line 2E 93600E/6143100N	1840	<1	11.9	<10	7.8	70	0.8	162
Line 2E 93600E/6143125N	180	<1	7.6	<10	6.3	230	1.3	26.2
Line 2E 93600E/6143150N	730	<1	8.2	<10	8.1	100	0.3	27.7
Line 2E 93600E/6143175N	290	<1	8.2	<10	6.6	130	0.9	9.7
Line 2E 93600E/6143200N	130	<1	4.5	<10	7.3	150	0.8	5.8
Line 2E 93600E/6143225N	150	<1	3.9	<10	5.2	340	1.4	7.9
Line 2E 93600E/6143250N	140	<1	15.5	<10	14.3	320	0.8	18.1
Line 2E 93600E/6143275N	40	<1	10.2	<10	10.2	240	<0.1	7.6
Line 2E 93600E/6143300N	20	<1	3.8	<10	13.9	400	1.0	8.4
Line 2E 93600E/6143325N	10	<1	10.1	<10	10.3	640	0.7	6.8
Line 2E 93600E/6143350N	30	<1	3.5	<10	9.5	650	0.9	5.9
Line 2E 93600E/6143375N	80	<1	10.6	<10	26.6	880	1.0	11.1
Line 2E 93600E/6143400N	2440	<1	4.2	<10	2.7	10	0.5	10.2
Line 2E 93600E/6143425N	1770	<1	15.6	<10	4.6	40	0.5	30.4
Line 2E 93600E/6143450N	220	<1	8.9	<10	10.1	430	0.9	6.1
Line 2E 93600E/6143475N	450	<1	9.6	<10	4.8	170	0.7	14.3
Line 2E 93600E/6143500N	660	<1	3.6	<10	4.5	130	0.5	10.6

Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
Line 3 6143140N/593400E	0.6	45	3.1	250	79
Line 3 6143140N/593450E	<0.5	150	8.0	1800	25
Line 3 6143140N/593475E	<0.5	149	8.4	470	14
Line 3 6143140N/593500E	<0.5	183	9.7	100	8
Line 3 6143140N/593525E	<0.5	174	8.2	210	72
Line 3 6143140N/593550E	<0.5	32	2.3	420	19
Line 3 6143140N/593600E	0.9	232	13.4	360	18
Line 3 6143140N/593625E	<0.5	174	8.1	520	4
Line 3 6143140N/593650E	<0.5	513	22.4	50	10
Line 3 6143140N/593675E	<0.5	108	5.0	470	50
Line 3 6143140N/593700E	0.7	369	22.1	6850	42
Line 3 6143140N/593750E	0.8	134	7.3	500	62
Line 3 6143140N/593775E	4.4	282	17.5	330	97
Line 3 6143140N/593800E	<0.5	302	15.1	1450	25
Line 3 6143140N/593825E	2.9	209	12.6	280	87
Line 3 6143140N/593875E	<0.5	96	4.1	110	28
Line 3 6143140N/593900E	<0.5	176	8.2	370	22
Line 3 6143140N/593925E	<0.5	75	3.9	770	39
Line 3 6143140N/593950E	<0.5	42	2.9	430	35
Line 3 6143140N/593975E	<0.5	5	0.9	90	17
Line 3 6143140N/594000E	<0.5	37	1.6	110	9
Line 3 6143140N/594025E	<0.5	197	7.7	90	17
Line 3 6143140N/594050E	0.5	237	12.2	300	77
Line 3 6143140N/594075E	<0.5	15	0.6	20	6
Line 3 6143140N/594100E	<0.5	107	5.2	40	2
Line 3 6143140N/594125E	<0.5	54	3.7	150	42
Line 3 6143140N/594150E	<0.5	422	18.3	230	279
Line 4 6143240N/593400E	1.0	349	21.2	980	76
Line 4 6143240N/593425E	<0.5	274	13.6	90	18
Line 4 6143240N/593450E	<0.5	59	2.7	140	9
Line 4 6143240N/593475E	<0.5	160	8.2	270	81
Line 4 6143240N/593500E	2.9	162	11.4	170	106
Line 4 6143240N/593525E	0.7	60	5.1	80	101
Line 4 6143240N/593550E	0.9	64	4.8	130	171
Line 4 6143240N/593575E	1.4	371	20.2	130	93
Line 4 6143240N/593600E	0.8	601	30.8	110	48
Line 4 6143240N/593625E	0.7	180	11.5	2270	27
Line 4 6143240N/593650E	<0.5	1220	63.2	2210	24
Line 4 6143240N/593675E	1.0	188	11.8	810	37
Line 4 6143240N/593700E	2.2	72	5.8	550	55

Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
Line 4 6143240N/593725E	<0.5	461	21.8	40	27
Line 4 6143240N/593750E	1.7	446	29.1	820	75
Line 4 6143240N/593775E	0.5	27	2.6	350	28
Line 4 6143240N/593800E	0.5	8	1.3	30	48
Line 4 6143240N/593825E	<0.5	84	4.5	70	51
Line 4 6143240N/593850E	<0.5	300	19.3	2230	46
Line 4 6143240N/593875E	0.5	140	8.2	2500	162
Line 4 6143240N/593900E	<0.5	161	8.3	130	55
Line 4 6143240N/593925E	5.2	137	9.4	240	37
Line 4 6143240N/593950E	<0.5	84	5.2	190	58
Line 4 6143240N/593975E	<0.5	43	1.9	830	7
Line 4 6143240N/594000E	0.7	44	3.5	250	47
Line 4 6143240N/594025E	<0.5	273	10.4	200	85
Line 4 6143240N/594050E	<0.5	110	6.1	190	76
Line 4 6143240N/594075E	<0.5	125	6.6	130	22
Line 4 6143240N/594100E	<0.5	42	3.9	190	49
Line 4 6143240N/594125E	0.7	141	8.5	380	219
Line 5 6143340N/593600E	<0.5	389	20.4	50	26
Line 5 6143340N/593625E	<0.5	454	22.2	230	25
Line 5 6143340N/593650E	0.8	204	11.8	710	124
Line 5 6143340N/593675E	37.6	236	12.3	190	100
Line 5 6143340N/593700E	<0.5	79	6.2	2240	50
Line 5 6143340N/593725E	2.3	159	15.0	550	57
Line 5 6143340N/593750E	1.0	161	10.3	410	170
Line 5 6143340N/593775E	1.4	883	33.6	1360	210
Line 5 6143340N/593800E	<0.5	147	9.5	230	112
Line 5 6143340N/593825E	<0.5	109	8.1	90	44
Line 5 6143340N/593850E	<0.5	102	6.1	150	100
Line 5 6143340N/593875E	0.8	285	16.3	170	194
Line 5 6143340N/593900E	1.0	186	9.9	420	127
Line 5 6143340N/593925E	<0.5	465	19.8	110	48
Line 5 6143340N/593950E	<0.5	215	11.3	240	40
Line 5 6143340N/593975E	0.6	619	29.1	350	142
Line 5 6143340N/594000E	<0.5	369	20.0	80	125
Line 5 6143340N/594025E	1.0	295	13.3	490	193
Line 5 6143340N/594050E	<0.5	21	2.2	240	57
Line 5 6143340N/594075E	0.8	187	11.9	360	49
Line 5 6143340N/594100E	<0.5	36	2.1	120	16
Line 5 6143340N/594125E	<0.5	98	5.3	210	27
Line 5 6143340N/594150E	<0.5	63	4.5	70	41

Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
Line 5 6143340N/594175E	0.5	175	7.8	340	67
Line 5 6143340N/594200E	<0.5	229	11.1	100	41
Line 5 6143340N/594225E	<0.5	211	9.7	60	47
Line 5 6143340N/594250E	<0.5	28	3.2	80	141
Line 5 6143340N/594275E	<0.5	95	7.1	280	67
Line 5 6143340N/594300E	0.5	36	3.5	180	131
Line 6 6143440N/593425E	<0.5	330	21.9	1840	55
Line 6 6143440N/593450E	<0.5	383	19.9	400	26
Line 6 6143440N/593475E	<0.5	697	47.5	6130	39
Line 6 6143440N/593500E	1.0	964	52.8	5060	57
Line 6 6143440N/593525E	0.6	354	20.9	710	111
Line 6 6143440N/593550E	0.5	560	34.6	170	18
Line 6 6143440N/593575E	0.5	697	36.6	100	24
Line 6 6143440N/593600E	0.5	452	23.5	220	29
Line 6 6143440N/593625E	0.6	204	14.2	180	88
Line 6 6143440N/593650E	1.0	3750	197	260	18
Line 6 6143440N/593675E	<0.5	204	18.4	870	62
Line 6 6143440N/593700E	<0.5	92	7.3	50	49
Line 6 6143440N/593725E	0.6	942	50.8	340	73
Line 6 6143440N/593750E	<0.5	125	5.9	230	31
Line 6 6143440N/593775E	<0.5	437	23.9	80	27
Line 6 6143440N/593800E	<0.5	342	20.1	510	20
Line 6 6143440N/593825E	<0.5	95	7.5	120	74
Line 6 6143440N/593850E	<0.5	252	12.8	60	25
Line 6 6143440N/593875E	<0.5	106	5.6	330	18
Line 6 6143440N/593900E	<0.5	207	13.2	30	34
Line 6 6143440N/593925E	<0.5	114	7.0	30	22
Line 6 6143440N/593950E	<0.5	233	13.6	50	42
Line 6 6143440N/593975E	<0.5	609	22.3	30	13
Line 6 6143440N/594000E	0.8	1020	54.1	230	66
Line 6 6143440N/594025E	<0.5	113	8.5	120	33
Line 6 6143440N/594050E	<0.5	1050	64.1	60	17
Line 6 6143440N/594075E	<0.5	247	13.6	100	74
Line 6 6143440N/594100E	<0.5	408	28.6	560	31
Line 6 6143440N/594125E	<0.5	59	4.5	270	92
Line 10 6143540N/593400E	<0.5	142	9.0	190	58
Line 10 6143540N/593425E	<0.5	177	10.5	110	90
Line 10 6143540N/593450E	<0.5	327	16.5	170	77
Line 10 6143540N/593475E	<0.5	246	12.3	150	89
Line 10 6143540N/593500E	<0.5	389	20.7	1550	68

Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
Line 10 6143540N/593525E	0.6	395	21.2	150	134
Line 10 6143540N/593550E	<0.5	224	12.5	60	62
Line 10 6143540N/593575E	<0.5	518	29.9	200	47
Line 10 6143540N/593600E	<0.5	751	31.7	20	22
Line 10 6143540N/593625E	0.6	303	19.9	270	94
Line 10 6143540N/593650E	<0.5	150	10.6	100	55
Line 10 6143540N/593675E	0.5	265	17.3	100	114
Line 10 6143540N/593700E	1.0	2350	138	270	200
Line 10 6143540N/593725E	<0.5	206	8.3	200	28
Line 10 6143540N/593750E	<0.5	153	8.6	340	31
Line 10 6143540N/593775E	<0.5	148	7.8	90	53
Line 10 6143540N/593800E	0.6	208	11.5	210	90
Line 10 6143540N/593825E	<0.5	135	8.9	130	81
Line 10 6143540N/593850E	0.6	234	14.2	150	113
Line 10 6143540N/593875E	<0.5	129	7.4	330	117
Line 10 6143540N/593900E	<0.5	1250	78.2	180	24
Line 10 6143540N/593925E	1.0	466	21.8	140	141
Line 10 6143540N/593950E	<0.5	302	19.9	120	18
Line 10 6143540N/593975E	0.7	1280	61.2	230	44
Line 10 6143540N/594000E	<0.5	335	14.9	170	59
Line 10 6143540N/594025E	<0.5	92	4.7	190	16
Line 10 6143540N/594050E	<0.5	115	6.9	310	22
Line 10 6143540N/594075E	<0.5	510	26.0	400	16
Line 10 6143540N/594100E	<0.5	31	3.0	160	39
Line 10 6143540N/594125E	0.6	418	19.7	450	116
Line 1E 593950E/6143125N	<0.5	127	8.1	240	73
Line 1E 593950E/6143150N	<0.5	37	2.9	600	35
Line 1E 593950E/6143175N	<0.5	129	7.8	130	37
Line 1E 593950E/6143200N	<0.5	246	9.7	160	32
Line 1E 593950E/6143250N	<0.5	89	5.6	310	49
Line 1E 593950E/6143275N	<0.5	64	4.9	420	34
Line 1E 593950E/6143300N	<0.5	108	6.3	160	15
Line 1E 593950E/6143325N	<0.5	217	14.2	170	28
Line 1E 593950E/6143350N	<0.5	961	54.1	120	35
Line 1E 593950E/6143375N	<0.5	1370	112	390	4
Line 1E 593950E/6143400N	<0.5	900	38.1	100	46
Line 1E 593950E/6143425N	<0.5	150	6.6	70	64
Line 1E 593950E/6143450N	<0.5	113	6.5	90	54
Line 1E 593950E/6143475N	0.8	2830	146	390	12
Line 1E 593950E/6143500N	<0.5	903	31.9	260	43

Final : VC171985 Order: Geological Solutions/Sidina 177 MMI

Report File No.: 0000023754

Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
Line 2E 93600E/6143100N	0.8	471	25.2	690	53
Line 2E 93600E/6143125N	6.2	266	17.1	520	35
Line 2E 93600E/6143150N	0.9	355	24.3	5700	21
Line 2E 93600E/6143175N	<0.5	316	17.9	850	37
Line 2E 93600E/6143200N	<0.5	144	11.6	1320	55
Line 2E 93600E/6143225N	0.6	143	9.5	510	39
Line 2E 93600E/6143250N	1.0	646	38.2	7880	77
Line 2E 93600E/6143275N	3.0	368	21.9	880	106
Line 2E 93600E/6143300N	<0.5	99	7.4	90	291
Line 2E 93600E/6143325N	0.6	279	16.3	60	144
Line 2E 93600E/6143350N	3.5	94	6.5	120	139
Line 2E 93600E/6143375N	1.0	253	14.6	390	313
Line 2E 93600E/6143400N	<0.5	115	6.5	110	20
Line 2E 93600E/6143425N	<0.5	608	39.4	3320	22
Line 2E 93600E/6143450N	<0.5	199	11.4	120	96
Line 2E 93600E/6143475N	<0.5	403	23.7	270	34
Line 2E 93600E/6143500N	<0.5	163	10.8	530	31