4763 NWT Ltd.

2002 MINERAL EXPLORATION PROGRAM ON THE SEVERANCE PROPERTY

Scott Casselman, B. Sc., P. Geo

Location: 62° 22' N, 138° 37' W
NTS: 115J/07
Mining District: Whitehorse, YT
Date: December 12, 2002

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 14,500.

M. B—

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

Costs associated with this report have been approved in the amount of $ 14,500.00 for assessment credit under Certificate of Work No. QW27619

H. Southwick

Mining Recorder
Whitehorse Mining District

SUMMARY

The Severance Property is located in the Klotassin River valley, 260 km northwest of Carmacks on NTS sheet 115J/7. The property is underlain by granodiorite of the Cretaceous Dawson Range Batholith, which is intruded by Eocene quartz-feldspar porphyry dykes.

In 1998, Kennecott Canada Ltd conducted reconnaissance stream sediment and soil sampling in the area to follow-up a regional geochemical survey stream sediment anomaly on a tributary of Somme Creek that contained 144 ppb gold. Their program returned a number of samples anomalous in gold, bismuth and arsenic. However, Kennecott decide not to follow-up the results.

In January of 2002, 4763 NWT Ltd staked the Severance Property, covering the area of anomalous soils. From June 11 to 21, the company conducted an exploration program consisted of geological mapping, prospecting and soil sampling.

The soil program returned some significantly anomalous values with 31 of 344 samples being greater than 100 ppb gold, including four samples with 600, 738, 1965 and 2680 ppb gold, respectively. Coincident with the gold is copper, molybdenum and arsenic. Rock sample results include a grab sample of silicified and quartz-veined granodiorite which contained 7% disseminated pyrite and assayed 1.2 g/t gold and 0.35% copper.

The suite of anomalous elements and their distribution is suggestive of an intrusive-related or porphyry system. The Dawson Range intrusions host a number of intrusion-related gold occurences in the Mt. Freegold area and a porphyry Cu-Mo-Au deposit at the Casino Property. Recommendations for future work on the property are to extend the soil geochemical grid, conduct a magnetic survey and hand trench the areas of anomalous gold-in–soils to determine the cause of the anomalies.

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INTRODUCTION

The Severance Property was staked to cover the headwaters of a tributary of Somme Creek in the Klotassin River valley where a government regional geochemical survey returned an anomalous gold value of 144 ppb.

Originally, 10 claims were staked in January of 2002. In early June, an additional 20 claims were staked, prior to the commencement of the 2002 exploration program. The exploration program consisted of gridding, soil sampling, geological mapping and rock sampling and was conducted between June 12 and June 21 by Scott Casselman and John Bogle of Aurora Geosciences Ltd.

This report documents the 2002 exploration program on the property.

LOCATION AND ACCESS

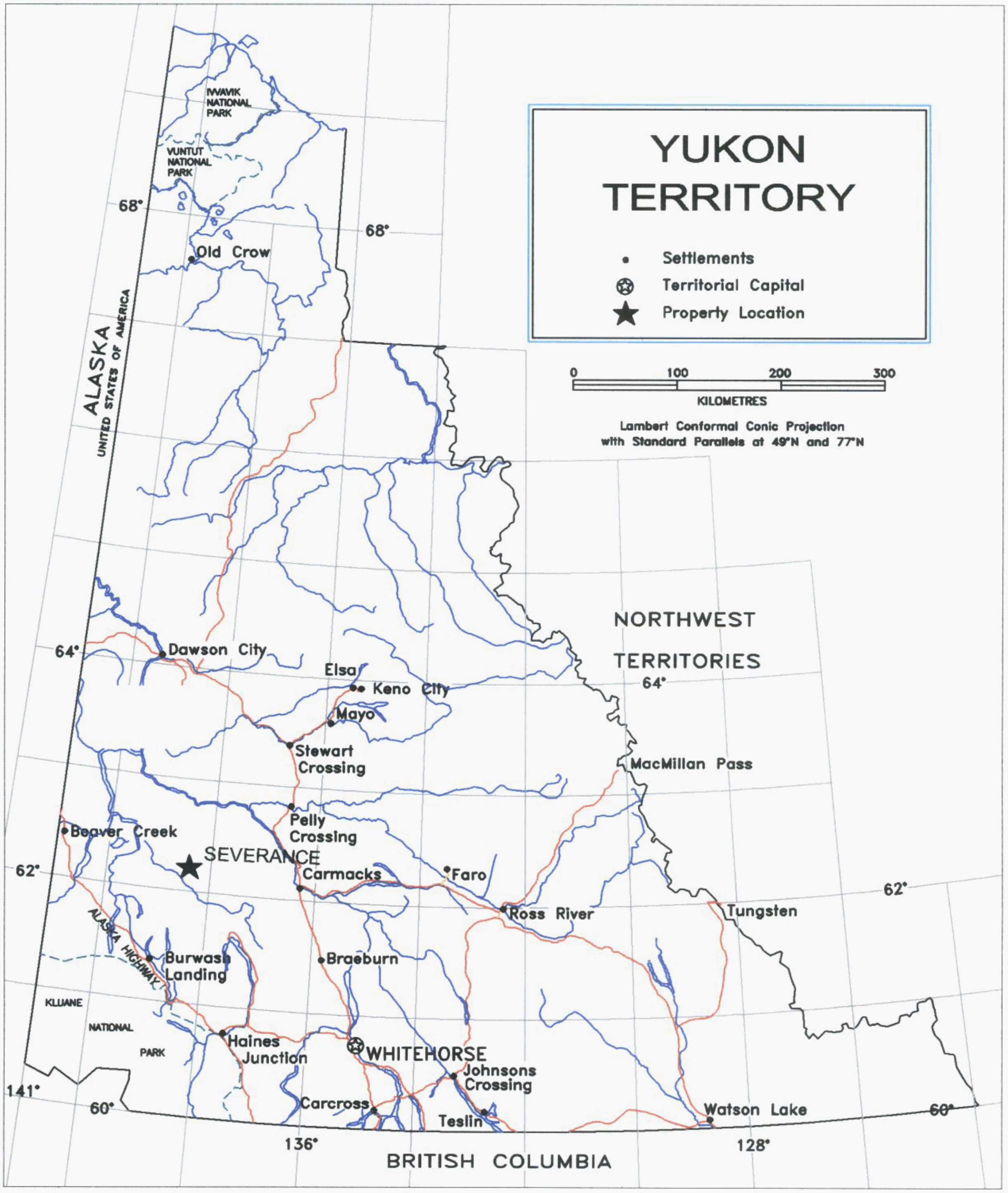
The Severance property is located in the Dawson Range Mountains, 125 km west-northwest of Carmacks, Yukon. The property is centred at latitude 62° 22' N and longitude 138° 37' W (Figure 1) on NTS map sheet 115J/07. The property is accessible by helicopter from Carmacks. The nearest fixed-wing airstrip is at Rude Creek, 32 km to the north. An old winter cat trail winds from the north end of Aishihik Lake, through the Nisling River valley and runs 5 km west of the property then north to the Yukon River near the abandoned community of Selkirk

CLAIM STATUS

The Severance Property consists of 30 Quartz Claims staked in accordance with the Yukon Quartz Mining Act in the Whitehorse Mining District (Figure 2). The sole registered owner of the claims is 4763 NWT Ltd. of Whitehorse, Yukon. Claim data is as follows:

Claims	Record Number	Expiry Date *
Severance 1 - 10	YC19447 - YC19456	January 7, 2008
Severance 11 - 30	YC19520 - YC19539	January 7, 2008

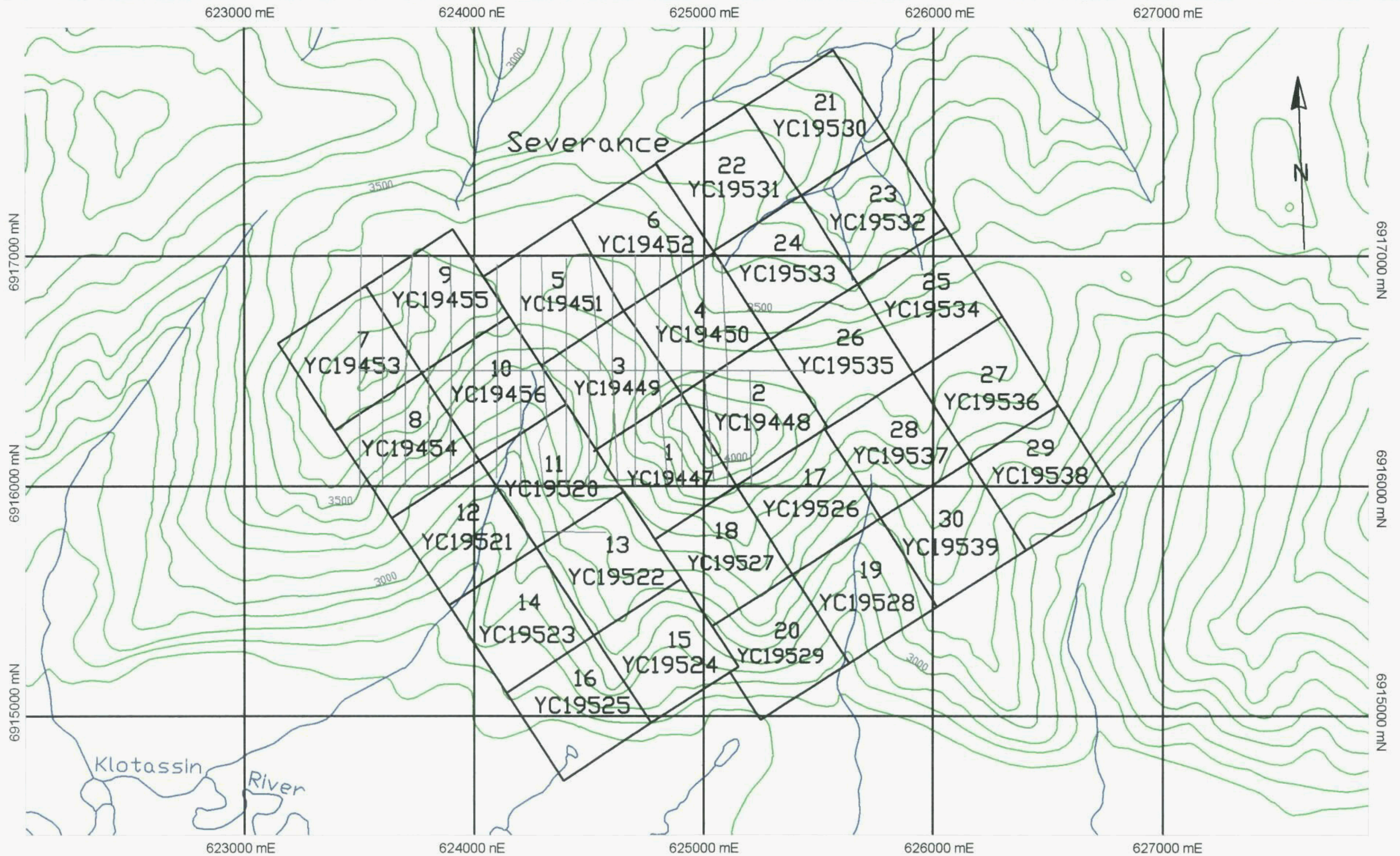
* The expiry dates are based on this report being accepted for assessment purposes and Common Dating of the Severance 11 to 30 claims to January 7.



PROFESSIONAL PROVINCE OF S. G. CASSELMAN BRITISH COLUMBIA GEOSCIENTIST

Dec 12, 2002

4763 NWT Ltd.	SEVERANCE PROPERTY
PROPERTY LOCATION	MINING DISTRICT: WHITEHORSE
	NTS: 115 J/7 — SCALE 1: 6 000 000
	DRAWN BY: HDS
Aurora Geosciences Ltd.	DATE: 01 Dec 02 — FIGURE: 1



0 500m 1000m

Scale: 1:25,000

Dec 12, 2002

4763 NWT Ltd.	SEVERANCE CLAIMS	
	NTS: 115 J/7	Datum: Nad 83
CLAIM LOCATION MAP FIGURE 2.	Mining District: Whitehorse	
	Job: AGL-02-006-YT	Date: 02 Dec 02
	Aurora Geosciences Ltd.	

PROPERTY HISTORY

The potential of the area was realized when a Regional Geochemical Stream Sediment Sample, collected from drainage flowing into Somme Creek on the north side of the property returned 144 ppb gold and anomalous copper and molybdenum. In the 1970's, Atlas Exploration staked claims in the area to follow-up on the copper-molybdenum anomalies. They established a grid and conducted soil geochemical sampling and geological mapping. Their work located some anomalous values of copper and molybdenum in an alaskite stock and found traces of molybdenite in quartz veins. The occurrence is documented in the Yukon Minfile as the MIM showing, Minfile Number 115J 003 (DIAND, 2000).

In 1998, Kennecott Canada Exploration Inc. conducted a reconnaissance soil and stream sediment sampling program in the area to locate the source of the anomalous gold. Their work outlined a gold anomaly >35 ppb, in excess of 2 kilometers long. No follow-up of this work was conducted.

In January of 2002, 4763 NWT Ltd. Staked the Severance claims to cover the area of anomalous gold-in soils.

2002 EXPLORATION PROGRAM

The 2002 exploration program on the Severance Property consisted of gridding, soil sampling, mapping and rock sampling. The field program was conducted from June 12 to June 21. The grid was established by cutting a 2 km-long east-west baseline by axe and marking it with flagging at 50 m intervals. Lines were run perpendicular to the baseline by compass and hipchain at 100 m intervals with stations marked on the lines at 50 m intervals. A total of 17.5 km of grid lines were surveyed. The ends of the lines were surveyed by GPS with approximate 8-metre accuracy.

Soil samples were collected at 50 m spacing on the grid. On the mountain plateau significant permafrost was encountered. In these areas the top 0.2 to 0.5 m of moss was stripped to allow the ground to thaw for 3 to 5 days prior to collecting the sample. Where the ground did not completely thaw, a gas-powered soil auger was used to collect the sample. Approximately 1 in 5 samples on the plateau could not be collected due to permafrost. Sample sites on the south-facing slope were generally free of ground frost and samples were easily collected with a mattock.

At each sample site 0.5 kilograms of soil was collected and placed in a kraft, wet-strength paper bag, which was labeled with the grid location. The samples were then air dried at camp prior to shipping to Northern Analytical Labs for analysis. At the lab, the samples were oven dried and sieved in a –80 mesh sieve. A 20 gm sample of the –80 mesh material was then analyzed for gold by fire assay with atomic absorption finish and a 10 gram sample of the –80 mesh material was analyzed for 30 elements by aqua-regia digestion and Inductively Coupled Plasma emission spectroscopy (ICP). The Analytical certificates are included in Appendix II.

The geological mapping of the property was hampered by poor rock exposure. Less than 5% of the bedrock was exposed. Rock samples were collected of interesting material, however, all samples were of float found on the slopes. Rock samples were also sent to Northern Analytical where they were crushed and pulverized and analyzed for gold and 30 elements, as with the soil samples.

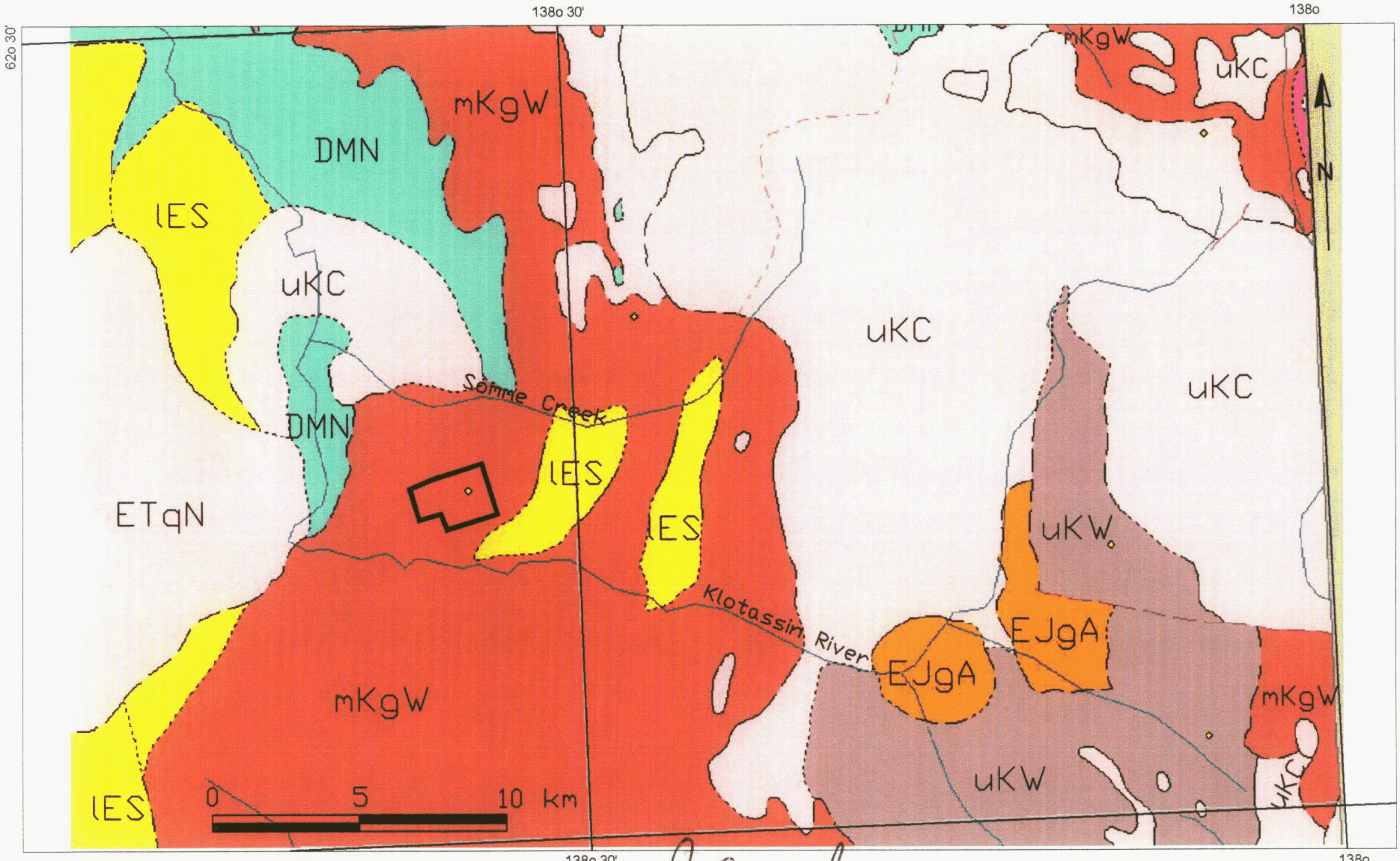
REGIONAL GEOLOGY

The Severance Property is located within the Dawson Range in Yukon-Tanana Terrane. The belt extends from Whitehorse northwest to the Yukon / Alaska border. The oldest rocks in the area belong to the Nasina Assemblage (**DMN**) of Yukon-Tanana Terrane. They consist of Devonian to Mississippian metamorphosed massive dark gray to black graphitic quartzite with lesser micaceous quartzite and quartz mica schist (Gordey, 1999). These are unconformably overlain by Upper Cretaceous Windy-Table Suite (**uKW**) and Upper Cretaceous Carmacks Group (**uKC**). The Windy-Table Suite consists of resistant, columnar jointed, quartz-phyric dacite flows, ash and lapilli tuff, with basal sedimentary and epiclastic rocks, and includes quartz-feldspar porphyry dykes. The Carmacks Group consists of a succession of dominantly mafic to intermediate volcanics, with minor felsic volcanics towards the base of the package. Locally, clastic rocks also occur at the base of the package. The mafic volcanic rocks are augite olivine basalt and the intermediate volcanics are feldspar porphyry andesite and augite phyric andesite. The felsic volcanic rocks are similar to Mt. Nansen Group volcanics east of the area and consist of acid vitric crystal tuff, lapilli tuff and welded tuff, felsic volcanic flow rocks and quartz feldspar porphyry(Gordey, 1999).

These rocks are intruded by Mid Cretaceous Whitehorse Suite (**mKgW**) and the Early Jurassic Aishihik Suite (**EJgA**)of the Dawson Range Batholith. The Whitehorse Suite has been dated at 107 Ma and consists of biotite-hornblende granodiorite, hornblende quartz diorite and hornblende diorite with sparse gray and pink potassium feldspar phenocrysts. The Aishihik Suite has been dated at 187 Ma and consists of medium- to coarse-grained, foliated biotite-hornblende granodiorite and foliated diorite to monzodiorite with local K-feldspar megacrysts. These rocks are in turn intruded by Early Tertiary intrusions of the Nisling Range Suite (EtqN), which consist of leucocratic, biotite granite or alaskite with sacchroidal texture and white alkali feldspar (Gordey, 1999).

All of these units are intruded and overlain by Lower Eocene Skukum volcanics (**lES**). These consist of rhyolitic to andesitic volcanic dykes, plugs, domes, laccoliths, flows and tuff. The intrusive phases are generally quartz-feldspar-hornblende felsites; while the extrusive phases are intermediate to felsic hornblende-feldspar porphyritic tuff, flow breccia and volcanic mudstone (Gordey, 1999).

This belt of rocks host numerous mineral occurrences along the length of the belt including the Casino porphyry Cu-Au-Mo deposit and the gold mineralization at Mount Freegold, Revenue Creek and Mt Nansen.



IES	Skukum Volcanics - qtz-feld porphyry
ETqN	Nisling Range Suite - alaskite
mKgW	Whitehorse Suite - granodiorite / quartz diorite
uKC	Carmacks Group - mafic to intermediate volcanics
uKW	Windy-Table Suite - quartz-phyric dacitic volcanics
EJgA	Aishihik Suite - biotite-hornblende granodiorite
DMN	Nasina Assemblage - graphitic quartzite

4763 NWT Ltd.	**SEVERANCE CLAIMS**
	NTS: 115 J
	Mining District: Whitehorse
REGIONAL GEOLOGY	Job: AGL-02-006-YT / Date: 02 Dec 02
FIGURE 3.	*Aurora Geosciences Ltd.*

SOIL GEOCHEMICAL SURVEY RESULTS

Soil geochemical analytical certificates are included in Appendix II, soil sample locations are given in Figure 8 and maps of gold, copper, arsenic and molybdenum in Figure 4 through 7, respectively. In general, the soils results show good correlation for gold, copper, arsenic and molybdenum and indicated a gradient with more anomalous values for these elements on the southern part of the grid. Also, there are two or three northwest trending linear anomalous zones across the grid area and possibly a northeast trending zone in the southeast part of the property.

Gold

The gold soil geochemical results (Figure 4) returned some highly anomalous values with four samples containing 600, 738, 1965 and 2680 ppb gold, respectively. Also, 31 of 344 samples collected returned greater than 100 ppb gold. The 2680 ppb anomaly is odd in that it occurs surrounded by non-anomalous values. In general, gold concentration in soil increases to the south. Three anomalous linear trends cut northwest across the grid and a weak northeast anomalous trend occurs in the southeastern part of the grid.

Copper

The copper plot (Figure 5) shows a pattern that is very similar to the gold. Copper-in-soil values range from 11 to 459 ppm, with 37 values being greater than 94 ppm (2 standard deviations). The anomalous linear trends observed in the gold plot are evident in the copper plot, but are much weaker. There is good correlation between the gold and copper.

Arsenic

The arsenic plot (Figure 6), in general shows a similar pattern to the gold and copper, however, the anomalous gradient with increasing concentration to the south is not as pronounced. The values range from less than detection (<2 ppm) to 428 ppm, with 19 values >100 ppm (2 standard deviations). The anomalous arsenic trends appear to accentuate the northwest trending linears. This pattern may indicate that arsenic mineralization is associated with northwest trending structures that carry gold and copper along with the arsenic. There is a strong correlation of anomalous arsenic and copper at the southern ends of lines 4600E and 4700E and at line 4900E near the baseline.

Molybdenum

The molybdenum plot (Figure 7) shows a similar pattern to the other plots, with an anomalous gradient increasing to the south and weak, northwest trending linear anomalies. The values range from 2 to 21 ppm, with 90 values being >5 ppm (2 standard deviations). There is also a strong correlation of anomalous molybdenum with arsenic and copper at the southern ends of lines 4600E and 4700E and a good correlation of Mo with Cu and Au at the south end of lines 3800E and 3900E.

MAPPING and ROCK SAMPLING RESULTS

Outcrop exposure on the property is poor. The northern part of the property is a gently sloping plateau that is sparsely treed with alder and dwarf spruce and is covered by a veneer of frozen overburden. The southern part of the property, on the south facing slopes, is moderately treed with poplar and spruce and covered by colluvium. Outcrop exposure was limited to the break-in-slope in the center of the grid and on the tops of ridges.

The northern part of the property is underlain by coarse-grained, hornblende-biotite granodiorite of the mid Cretaceous Whitehorse Suite (Figure 9). It is generally covered by lichen on weathered surfaces and is white to light pink on fresh surfaces with coarse, dark, hornblende and biotite crystals. These rocks are generally unaltered and contained little to no sulphide mineralization. A narrow medium-grained, intermediate dyke was observed just north of the property. The dyke trends east west and dipped 20° to the south. Numerous boulders of hornblende-biotite granodiorite were found on the slopes on the southern part of the property.

The peak of the ridge in the center of the property is underlain by quartz-plagioclase porphyritic dacite believed to be of the lower Eocene Skukum Volcanics. The rock weathers medium brown-green. The matrix is medium green and fine-grained to aphanitic with clear to white quartz phenocrysts and white plagioclase phenocrysts to 2 mm long. It is unaltered and no sulphide minerals were observed. The porphyry is believed to be a plug, however, it is difficult to be sure due to the minimal exposure.

At the lower peak on the western part of the property, a number of monzonitic boulders were found. These rocks are fine- to medium-grained, light pink to medium gray and weakly altered, occasionally with traces of hematite. One rock sample of this material was collected (SEV02-11). It was slightly anomalous in molybdenum (103 ppm), but did not contain significant concentrations of base or precious metals.

In the south-central part of the grid, a number of boulders of altered granodiorite were found. These boulders are weakly to moderately silicified with quartz veins and up to 7% disseminated pyrite. One of these samples, SEV02-014, contained 3491 ppm Cu and 1211 ppb Au. A second sample of similar material, SEV02-001, contained 111 ppm Cu and 525 ppb Au. These rocks were not significantly anomalous in molybdenum. Arsenic values for all rock samples collected are less than the detection limit (ie. < 2 ppm).

CONCLUSIONS AND RECOMMENDATIONS

The soil sampling program on the Severance Property identified an area of coincident, anomalous gold, copper, arsenic and molybdenum. These anomalies occur as a large, roughly circular zone on the southern part of the grid and are open to the south, east and west. Also, there are up to 3 anomalous northwest linear anomalous trends and possibly 1 northeasterly trend. This metal association and distribution is indicative of an intrusion-related or porphyry system.

Geological mapping and prospecting on the property was hampered by the lack of outcrop. The property is underlain by mid Cretaceous hornblende-biotite granodiorite of the Whitehorse Suite of the Dawson Range Batholith. Two rock samples of moderately silicified and pyrite mineralized granodiorite returned anomalous values for copper and gold (SEV02-14 - 3491 ppm Cu, 1211 ppb Au, SEV02-001 - 111 ppm Cu, 525 ppb Au). The Dawson Range intrusions host a number of intrusion-related gold occurences in the Mt Freegold area northwest of Carmacks and a porphyry Cu-Mo-Au deposit at the Casino Property, 50 km north of the Severance property.

Recommendations for future work on the property are:

1) Extend the soil geochemical grid to the south to close off the soil anomalies.
2) Fill in the soil sample density on the linear anomalies on the northern part of the grid to define these features better.
3) Conduct a magnetic survey on the grid to help identify structures, intrusive bodies and possibly alteration zones.
4) Hand trenching of highly anomalous gold and copper zones to determine the cause of the soil anomalies.

Respectfully submitted

Dec 12, 2002

Scott Casselman, B. Sc., P. Geo.

REFERENCES

DIAND, 2000. Yukon Minfile, Exploration and Geological Services Division, Yukon , Indian and Northern Affairs Canada.

Gordey, S. P. and Makepeace, A. J., 1999. Yukon Digital Geology. Exploration and Geological Services Division, Yukon , Indian and Northern Affairs Canada, Open File 1999-1 (D).

Smuk, K. A., Williams-Jones, A. E. and Francis, D., 1996. The Carmacks Hydrothermal Event: An Alteration Study in the Dawson Range, Yukon. In Yukon Exploration and Geology, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.

Appendix I

Statement of Qualifications

I, Scott Casselman, residing at 33 Firth Road, Whitehorse, Yukon Territory, Y1A 4R5, certify that:

1) I graduated from Carleton University in Ottawa, Ontario with a Bachelor of Science Degree in Geology in 1985.

2) I am a geologist employed by Aurora Geosciences Ltd. of Whitehorse, Yukon Territory.

3) I am a member of the Association of Professional Engineers and Geoscientists of British Columbia, Registration No. 20032.

4) I conducted the fieldwork described in this report on the Severance Property between June 11 and 21, 2002.

Dated this 12 th day of December 2002, at Whitehorse, Yukon Territory.

PROFESSIONAL PROVINCE OF S. G. CASSELMAN BRITISH COLUMBIA GEOSCIENTIST

Scott G. Casselman, BSc., P.Geo.

Appendix II

Geochemical Analytical Certificates

Northern Analytical Laboratories ltd.

9044 Quartz Road
Whitehorse, Yukon
Y1A 5L8
Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: nal@yknet.yk.ca

07/15/2002

Certificate of Analysis

\# of pages (not including this page): 12

Aurora Geosciences

WO# 020011

Certified by
Justin Lemphers (Senior Assayer)

Date Received: 06/24/02

SAMPLE PREPARATION:

Code	# of Samples	Type	Preparation Description (All wet samples are dried first.)
r	15	rock	Crush to -10 mesh; riffle split 200g; pulverize to -100 mesh
s	343	soil	Screen -80 mesh

ANALYTICAL METHODS SUMMARY:

Symbol	Units	Element	Method (A:assay) (G:geochem)	Fusion/Digestion	Lower Limit	Upper Limit
Au	ppb	Gold	G: FA/AAS	15g FA / aqua regia	2	10000

AAS = atomic absorption spectrophotometry
FA = fire assay

1 oz/ton = 34.286 g/mt
1000ppb = 1ppm = 1g/mt = 0.0001% = 0.029166oz/ton

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07/15/2002 Certificate of Analysis

Aurora Geosciences WO#020011

Certified by

	Sample #	Au ppb
r	SEV 02-01	525
r	SEV 02-02	31
r	SEV 02-03	137
r	SEV 02-04	70
r	SEV 02-05	188
r	SEV 02-06	40
r	SEV 02-07	119
r	SEV 02-08	14
r	SEV 02-09	220
r	SEV 02-10	85
r	SEV 02-11	89
r	SEV 02-12	37
r	SEV 02-13	71
r	SEV 02-14	1211
r	SEV 02-15	50
s	BL6500N 4550E	12
s	L35E 6000N	8
s	L35E 6050N	28
s	L35E 6100N	201
s	L35E 6150N	15
s	L35E 6200N	20
s	L35E 6250N	48
s	L35E 6300N	22
s	L35E 6350N	45
s	L35E 6500NBl	30
s	L35E 6550N	26
s	L35E 6600N	31
s	L35E 6650N	17
s	L35E 6700N	13
s	L35E 6750N	15

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Certificate of Analysis

Aurora Geosciences

WO# 020011

Certified by ____________

	Sample #	Au ppb
s	L35E 6800N	24
s	L35E 6850N	33
s	L35E 6900N	15
s	L35E 6950N	10
s	L35E 7000N	3
s	L36E 6000N	89
s	L36E 6050N	41
s	L36E 6100N	19
s	L36E 6150N	31
s	L36E 6200N	18
s	L36E 6250N	68
s	L36E 6300N	36
s	L36E 6350N	11
s	L36E 6400N	14
s	L36E 6500N	39
s	L36E 6550N	52
s	L36E 6600N	16
s	L36E 6650N	48
s	L36E 6700N	12
s	L36E 6750N	22
s	L36E 6800N	17
s	L36E 6850N	11
s	L36E 6950N	2
s	L36E 7000N	6
s	L37E 6000N	63
s	L37E 6050N	17
s	L37E 6100N	29
s	L37E 6150N	101
s	L37E 6200N	24
s	L37E 6250N	20

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Aurora Geosciences

WO# 020011

Certified by ________

	Sample #	Au ppb
s	L37E 6300N	47
s	L37E 6350N	28
s	L37E 6400N	31
s	L37E 6450N	67
s	L37E 6500N	25
s	L37E 6600N	21
s	L37E 6650N	10
s	L37E 6700N	14
s	L37E 6750N	9
s	L37E 6800N	5
s	L37E 6900N	3
s	L37E 6950N	7
s	L37E 7000N	10
s	L38E 6000N	1965
s	L38E 6050N	360
s	L38E 6100N	738
s	L38E 6150N	375
s	L38E 6200N	62
s	L38E 6250N	17
s	L38E 6300N	26
s	L38E 6350N	58
s	L38E 6400N	98
s	L38E 6450N	26
s	L38E 6500N	12
s	L38E 6550N	46
s	L38E 6600N	11
s	L38E 6650N	16
s	L38E 6700N	14
s	L38E 6750N	12
s	L38E 6800N	6

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07/15/2002 Certificate of Analysis

Aurora Geosciences WO# 020011

Certified by

	Sample #	Au ppb
s	L38E 6900N	12
s	L38E 6950N	7
s	L39E 6000N	56
s	L39E 6050N	23
s	L39E 6100N	204
s	L39E 6200N	41
s	L39E 6250N	34
s	L39E 6300N	46
s	L39E 6350N	324
s	L39E 6400N	52
s	L39E 6450N	6
s	L39E 6500N	9
s	L39E 6550N	8
s	L39E 6600N	14
s	L39E 6650N	34
s	L39E 6700N	17
s	L39E 6750N	14
s	L39E 6800N	22
s	L39E 6850N	25
s	L39E 6900N	14
s	L39E 7000N	6
s	L40E 6000N	123
s	L40E 6050N	56
s	L40E 6100N	73
s	L40E 6150N	61
s	L40E 6200N	97
s	L40E 6250N	63
s	L40E 6300N	57
s	L40E 6350N	44
s	L40E 6400N	8

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Aurora Geosciences

WO#020011

Certified by

	Sample #	Au ppb
s	L40E 6450N	10
s	L40E 6500N	8
s	L40E 6550N	9
s	L40E 6600N	38
s	L40E 6650N	11
s	L40E 6700N	15
s	L40E 6750N	17
s	L40E 6800N	17
s	L40E 6850N	16
s	L40E 6900N	8
s	L40E 6900NA	8
s	L40E 6950N	12
s	L40E 7000N	32
s	L41E 6000N	91
s	L41E 6050N	70
s	L41E 6100N	62
s	L41E 6150N	76
s	L41E 6200N	178
s	L41E 6250N	108
s	L41E 6300N	101
s	L41E 6350N	16
s	L41E 6400N	8
s	L41E 6450N	29
s	L41E 6500N	10
s	L41E 6550N	30
s	L41E 6600N	<2
s	L41E 6650N	2
s	L41E 6700N	5
s	L41E 6750N	600
s	L41E 6800N	<2

Northern Analytical Laboratories ltd.

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Whitehorse, Yukon
Y1A 5L8
Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: nal@yknet.yk.ca

Aurora Geosciences

WO#020011

Certified by

	Sample #	Au ppb
s	L41E 6950N	2
s	L41E 7000N	<2
s	L42E 6000N	76
s	L42E 6050N	54
s	L42E 6100N	67
s	L42E 6150N	42
s	L42E 6200N	23
s	L42E 6250N	22
s	L42E 6300N	6
s	L42E 6350N	21
s	L42E 6400N	16
s	L42E 6450N	<2
s	L42E 6500N	3
s	L42E 6550N	27
s	L42E 6600N	18
s	L42E 6650N	102
s	L42E 6700N	42
s	L42E 6750N	8
s	L42E 6850N	8
s	L42E 6900N	7
s	L42E 6950N	14
s	L42E 7000N	8
s	L43E 6000N	130
s	L43E 6050N	118
s	L43E 6100N	19
s	L43E 6150N	32
s	L43E 6200N	70
s	L43E 6250N	22
s	L43E 6300N	110
s	L43E 6350N	29

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	Sample #	Au ppb
s	L43E 6400N	71
s	L43E 6450N	8
s	L43E 6500N	70
s	L43E 6550N	9
s	L43E 6600N	140
s	L43E 6650N	28
s	L43E 6700N	9
s	L43E 6750N	<2
s	L43E 6800N	<2
s	L43E 6850N	2
s	L43E 6900N	<2
s	L43E 6950N	6
s	L43E 7000N	6
s	L44E 6000N	51
s	L44E 6100N	27
s	L44E 6150N	16
s	L44E 6200N	137
s	L44E 6250N	80
s	L44E 6300N	2
s	L44E 6350N	31
s	L44E 6400N	38
s	L44E 6450N	28
s	L44E 6500N	8
s	L44E 6550N	23
s	L44E 6600N	<2
s	L44E 6650N	<2
s	L44E 6700N	60
s	L44E 6750N	6
s	L44E 6850N	<2
s	L44E 6950N	<2

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	Sample #	Au ppb
s	L44E 7000N	6
s	L45E 6000N	70
s	L45E 6050N	72
s	L45E 6100N	17
s	L45E 6150N	30
s	L45E 6200N	128
s	L45E 6250N	20
s	L45E 6300N	28
s	L45E 6350N	16
s	L45E 6400N	44
s	L45E 6450N	7
s	L45E 6500N	15
s	L45E 6550N	66
s	L45E 6600N	7
s	L45E 6650N	<2
s	L45E 6700N	6
s	L45E 6750N	2680
s	L45E 6800N	<2
s	L45E 6850N	6
s	L45E 6900N	<2
s	L45E 6950N	6
s	L45E 7000N	6
s	L46E 6000N	67
s	L46E 6050N	70
s	L46E 6150N	40
s	L46E 6200N	26
s	L46E 6250N	7
s	L46E 6300N	9
s	L46E 6350N	72
s	L46E 6400N	12

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	Sample #	Au ppb
s	L46E 6450N	18
s	L46E 6500N	47
s	L46E 6550N	<2
s	L46E 6600N	8
s	L46E 6650N	8
s	L46E 6700N	2
s	L46E 6750N	8
s	L46E 6800N	9
s	L46E 6850N	3
s	L46E 6900N	<2
s	L46E 6950N	9
s	L47E 6000N	108
s	L47E 6050N	80
s	L47E 6100N	56
s	L47E 6200N	29
s	L47E 6250N	16
s	L47E 6300N	19
s	L47E 6350N	42
s	L47E 6400N	2
s	L47E 6450N	62
s	L47E 6500N	8
s	L47E 6550N	<2
s	L47E 6600N	8
s	L47E 6650N	5
s	L47E 6700N	13
s	L47E 6750N	21
s	L47E 6800N	12
s	L47E 6900N	2
s	L47E 6950N	6
s	L47E 7000N	2

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WO# 020011

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	Sample #	Au ppb
s	L48E 6000N	8
s	L48E 6050N	13
s	L48E 6100N	26
s	L48E 6150N	70
s	L48E 6250N	16
s	L48E 6300N	112
s	L48E 6350N	3
s	L48E 6400N	6
s	L48E 6450N	6
s	L48E 6500N	13
s	L48E 6550N	147
s	L48E 6600N	32
s	L48E 6650N	23
s	L48E 6700N	290
s	L48E 6750N	14
s	L48E 6800N	10
s	L48E 6850N	6
s	L48E 6900N	6
s	L48E 6950N	8
s	L48E 7000N	10
s	L49E 6000N	8
s	L49E 6050N	10
s	L49E 6100N	96
s	L49E 6150N	12
s	L49E 6250N	32
s	L49E 6350N	47
s	L49E 6400N	40
s	L49E 6450N	127
s	L49E 6500N	62
s	L49E 6550N	62

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Certificate of Analysis

Aurora Geosciences

WO#020011

Certified by

	Sample #	Au ppb
s	L49E 6600N	50
s	L49E 6650N	20
s	L49E 6700N	42
s	L49E 6750N	9
s	L49E 6800N	2
s	L49E 6850N	10
s	L49E 6900N	2
s	L49E 7000N	8
s	L50E 6000N	16
s	L50E 6050N	9
s	L50E 6100N	8
s	L50E 6150N	12
s	L50E 6150NA	47
s	L50E 6200N	104
s	L50E 6250N	63
s	L50E 6300N	78
s	L50E 6350N	270
s	L50E 6400N	28
s	L50E 6450N	30
s	L50E 6500N	59
s	L50E 6600N	28
s	L50E 6650N	60
s	L50E 6700N	48
s	L50E 6850N	20
s	L50E 7000N	<2
s	L51E 6000N	32
s	L51E 6050N	29
s	L51E 6250N	28
s	L51E 6300N	32
s	L51E 6400N	38

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WO# 020011

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	Sample #	Au ppb
s	L51E 6450N	33
s	L51E 6500N	30
s	L51E 6700N	16
s	L51E 6750N	48
s	L51E 6800N	7
s	L51E 6850N	6
s	L51E 6900N	2
s	L51E 7000N	<2
s	L52E 6000N	86
s	L52E 6150N	20
s	L52E 6400N	18
s	L52E 6450N	22
s	L52E 6650N	84
s	L58N 4340E	32
s	L58N 4360E	58
s	L58N 4380E	30
s	L58N 4400E	51
s	L58N 4420E	108
s	L58N 4440E	230
s	L58N 4460E	56
s	L58N 4480E	52
s	L58N 4500E	110
s	L58N 4520E	90
s	L58N 4540E	97
s	L58N 4560E	30
s	L58N 4580E	18
s	L58N 4600E	26
s	L60E 6800N	15

ICP Certificate 03/12/2002

W O# 020011

#	Sample #	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%
1	SEV 02-01	0.5	111	18	53	<5	<5	<3	6	<10	<2	<0.1	10	<1	123	26	47	72	253	6	41	8	7	0.14	2.24	0.56	3.92	0.94	0.25	0.13	0.05
2	SEV 02-02	0.4	104	14	56	<5	<5	<3	5	<10	<2	<0.1	10	3	64	27	52	72	234	7	37	7	8	0.15	2.07	0.80	3.10	1.05	0.14	0.12	0.06
3	SEV 02-03	0.4	8	6	78	<5	<5	<3	4	<10	<2	<0.1	20	<1	64	8	17	148	1149	16	135	8	6	0.17	2.56	2.40	5.40	2.08	0.10	0.07	0.31
4	SEV 02-04	0.3	86	11	55	<5	<5	<3	6	<10	<2	<0.1	8	4	54	11	55	63	227	12	57	7	6	0.09	2.39	1.03	3.04	1.00	0.17	0.23	0.06
5	SEV 02-05	0.5	139	15	48	<5	<5	<3	5	<10	<2	<0.1	11	<1	81	10	54	73	225	5	57	8	9	0.18	2.18	0.85	3.12	1.04	0.16	0.19	0.05
6	SEV 02-06	0.4	84	16	63	<5	<5	<3	5	<10	<2	<0.1	10	2	58	7	59	77	310	7	39	8	9	0.18	2.12	0.93	3.57	1.11	0.25	0.16	0.06
7	SEV 02-07	<0.1	25	13	87	<5	<5	<3	4	<10	<2	<0.1	5	2	148	7	58	46	285	18	49	7	4	0.03	2.10	0.96	3.26	0.84	0.17	0.14	0.09
8	SEV 02-08	0.3	42	18	100	<5	<5	<3	5	<10	<2	<0.1	8	<1	149	6	39	52	509	18	37	8	5	0.06	2.17	0.79	4.48	0.98	0.14	0.09	0.09
9	SEV 02-09	0.4	57	13	57	<5	<5	<3	9	<10	<2	<0.1	5	2	91	<5	53	52	257	15	48	8	4	0.05	1.76	0.72	2.39	0.98	0.08	0.14	0.08
10	SEV 02-10	0.2	59	15	52	<5	<5	<3	4	<10	<2	<0.1	6	4	288	<5	62	48	246	8	81	10	4	0.02	2.24	0.79	3.17	1.05	0.19	0.19	0.07
11	SEV 02-11	0.3	44	15	44	<5	<5	<3	103	<10	<2	<0.1	3	<1	39	5	65	36	308	9	10	5	3	0.04	1.17	0.14	3.37	0.59	0.12	0.04	0.05
12	SEV 02-12	0.2	38	10	115	<5	<5	<3	33	<10	<2	<0.1	7	<1	46	<5	50	41	573	11	17	5	3	0.07	1.52	0.61	3.86	0.75	0.09	0.05	0.06
13	SEV 02-13	0.2	22	15	91	<5	<5	<3	29	<10	<2	<0.1	6	<1	61	<5	57	54	491	7	28	9	5	0.11	1.49	0.91	2.61	0.89	0.16	0.09	0.07
14	SEV 02-14	6.0	3491	19	122	<5	<5	<3	5	<10	6	<0.1	15	<1	27	<5	47	38	155	4	63	8	5	0.13	2.49	0.98	3.35	0.75	0.19	0.25	0.06
15	SEV 02-15	0.6	298	13	74	<5	<5	<3	9	<10	<2	<0.1	10	<1	30	<5	43	54	266	15	38	8	4	0.15	1.89	0.86	3.57	0.91	0.06	0.12	0.09
16	BL6500N 4550E	0.5	39	14	72	<5	<5	<3	5	<10	<2	<0.1	15	19	215	<5	33	99	398	12	26	3	5	0.09	2.74	0.28	3.96	0.73	0.11	0.04	0.02
17	L35E 6000N	0.5	25	11	69	<5	<5	<3	5	<10	<2	<0.1	13	24	240	<5	34	75	340	8	39	2	3	0.07	2.50	0.36	3.12	0.64	0.06	0.03	0.02
18	L35E 6050N	1.0	48	20	141	<5	<5	<3	8	<10	<2	<0.1	16	19	229	<5	34	83	508	9	50	3	4	0.03	3.17	0.47	4.14	0.67	0.07	0.04	0.04
19	L35E 6100N	0.1	20	12	85	<5	<5	<3	4	<10	<2	<0.1	12	21	135	<5	32	78	355	11	31	2	4	0.07	2.35	0.49	3.39	0.78	0.09	0.04	0.09
20	L35E 6150N	0.3	47	22	84	78	<5	<3	7	<10	<2	<0.1	13	15	128	<5	25	54	447	14	36	2	3	0.05	1.89	0.38	3.24	0.64	0.12	0.04	0.04
21	L35E 6200N	0.8	44	16	67	<5	<5	<3	7	<10	<2	<0.1	16	30	104	<5	41	89	291	7	21	5	5	0.12	3.74	0.19	3.61	0.82	0.08	0.04	0.02
22	L35E 6250N	1.2	78	18	62	<5	<5	<3	10	<10	<2	<0.1	11	23	233	<5	31	50	191	27	52	3	6	0.06	2.93	0.47	2.86	0.38	0.09	0.04	0.06
23	L35E 6300N	0.8	83	13	84	<5	<5	<3	12	<10	<2	1.3	14	21	157	<5	28	61	367	18	43	2	4	0.07	2.36	0.53	2.99	0.62	0.08	0.04	0.06
24	L35E 6350N	0.5	52	19	112	<5	<5	<3	8	<10	<2	<0.1	14	12	128	6	26	68	383	12	40	1	5	0.10	2.31	0.51	3.02	0.73	0.09	0.05	0.06
25	L35E 6500NBL	0.4	50	20	127	<5	<5	<3	4	<10	<2	<0.1	15	14	185	<5	29	73	277	17	37	4	6	0.09	2.48	0.56	3.32	0.86	0.09	0.05	0.07
26	L35E 6550N	0.4	22	15	101	<5	<5	<3	2	<10	<2	<0.1	12	11	186	<5	24	62	584	11	53	1	4	0.09	1.95	0.71	2.66	0.68	0.07	0.04	0.09
27	L35E 6600N	0.5	33	29	143	<5	<5	<3	3	<10	<2	<0.1	14	14	242	<5	28	73	391	16	46	2	7	0.13	2.32	0.69	3.08	0.76	0.09	0.04	0.06
28	L35E 6650N	0.5	29	27	122	<5	<5	<3	2	<10	<2	<0.1	13	14	214	<5	28	64	253	17	31	2	6	0.10	2.22	0.43	2.86	0.68	0.07	0.04	0.07
29	L35E 6700N	0.8	24	24	128	14	<5	<3	3	<10	<2	<0.1	12	16	177	<5	26	65	523	12	45	2	4	0.09	2.34	0.43	2.71	0.63	0.09	0.04	0.04
30	L35E 6750N	1.0	33	65	203	183	<5	<3	4	<10	11	<0.1	9	9	152	<5	21	57	219	21	30	2	4	0.06	2.16	0.30	3.65	0.47	0.05	0.04	0.04
	Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Max Reported	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00

--=No Test ins=Insufficient Sample m=Estimate/1000 %=Estimate Max=No Estimate

#	Sample #	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%
31	L35E 6800N	1.2	35	50	244	56	<5	<3	3	<10	<2	<0.1	13	13	283	<5	19	78	1191	37	75	2	8	0.07	2.57	0.83	3.54	0.71	0.13	0.05	0.06
32	L35E 6850N	1.8	37	59	324	<5	<5	<3	5	<10	<2	0.1	18	12	303	<5	27	98	1307	23	47	3	9	0.09	3.16	0.60	4.31	0.85	0.15	0.04	0.06
33	L35E 6900N	0.9	14	21	69	<5	<5	<3	2	<10	<2	<0.1	8	9	223	<5	18	65	298	28	42	2	5	0.10	2.04	0.44	2.33	0.50	0.10	0.04	0.03
34	L35E 6950N	0.3	15	18	62	<5	<5	<3	2	<10	<2	<0.1	14	16	146	<5	33	69	346	10	21	5	4	0.12	2.69	0.24	2.98	0.64	0.07	0.04	0.03
35	L35E 7000N	<0.1	14	14	75	<5	<5	<3	4	<10	<2	<0.1	16	20	133	<5	40	87	467	12	23	3	4	0.14	3.27	0.26	3.80	0.68	0.08	0.04	0.06
36	L36E 6000N	0.4	84	15	63	<5	<5	<3	11	<10	<2	<0.1	11	17	101	<5	28	69	268	10	43	4	4	0.09	2.14	0.49	3.23	0.69	0.09	0.05	0.02
37	L36E 6050N	0.4	38	18	132	<5	<5	<3	12	<10	<2	<0.1	16	26	143	<5	35	73	636	26	57	3	6	0.09	2.52	0.71	3.44	0.69	0.14	0.05	0.03
38	L36E 6100N	0.5	34	13	99	<5	<5	<3	6	<10	<2	<0.1	13	20	176	<5	31	71	462	12	44	3	4	0.09	2.21	0.60	3.13	0.72	0.12	0.05	0.04
39	L36E 6150N	0.4	24	20	97	37	<5	<3	10	<10	<2	<0.1	14	15	168	<5	29	74	801	8	46	2	3	0.09	2.14	0.54	3.29	0.63	0.14	0.04	0.04
40	L36E 6200N	0.2	28	16	77	<5	<5	<3	11	<10	<2	<0.1	12	20	151	<5	31	68	608	8	33	2	3	0.07	1.99	0.38	2.67	0.60	0.09	0.03	0.05
41	L36E 6250N	1.1	27	24	127	<5	<5	<3	6	<10	<2	<0.1	18	26	214	<5	44	97	404	9	24	4	4	0.07	3.45	0.21	4.13	0.66	0.06	0.03	0.03
42	L36E 6300N	0.8	69	22	115	<5	<5	<3	7	<10	<2	<0.1	15	18	202	<5	30	68	442	17	33	2	6	0.04	2.52	0.46	3.33	0.79	0.07	0.04	0.08
43	L36E 6350N	0.4	30	17	71	<5	<5	<3	3	<10	<2	<0.1	11	14	147	<5	26	55	172	14	33	2	4	0.05	1.95	0.51	2.35	0.61	0.06	0.04	0.07
44	L36E 6400N	0.2	29	15	65	14	<5	<3	5	<10	<2	<0.1	10	16	137	<5	26	86	255	10	35	2	4	0.08	1.86	0.54	3.28	0.65	0.06	0.05	0.08
45	L36E 6500N	0.6	50	19	127	<5	<5	<3	4	<10	<2	<0.1	15	17	211	<5	32	76	324	18	38	3	7	0.10	2.62	0.50	3.43	0.84	0.07	0.05	0.07
46	L36E 6550N	1.6	63	35	212	43	<5	<3	3	<10	<2	<0.1	15	18	271	<5	29	85	416	20	68	6	8	0.13	2.39	0.70	4.04	0.88	0.15	0.06	0.08
47	L36E 6600N	0.6	35	32	153	<5	<5	<3	3	<10	<2	<0.1	16	22	288	<5	35	76	407	18	36	3	7	0.12	2.86	0.54	3.31	0.88	0.08	0.05	0.06
48	L36E 6650N	2.3	41	49	217	124	<5	<3	4	<10	<2	<0.1	15	14	255	<5	25	85	506	12	53	3	6	0.11	2.27	0.67	3.90	0.94	0.13	0.05	0.08
49	L36E 6700N	0.5	26	26	144	47	<5	<3	3	<10	<2	<0.1	16	17	239	<5	31	73	512	13	34	4	5	0.10	2.63	0.45	3.23	0.81	0.07	0.04	0.05
50	L36E 6750N	1.6	44	28	99	<5	<5	<3	3	<10	<2	<0.1	13	19	173	<5	30	70	343	11	25	4	5	0.07	2.51	0.29	3.14	0.64	0.06	0.04	0.03
51	L36E 6800N	0.5	24	25	85	<5	<5	<3	2	<10	<2	<0.1	10	14	149	<5	25	53	328	13	32	1	3	0.05	1.85	0.40	2.33	0.54	0.06	0.04	0.06
52	L36E 6850N	0.9	20	37	96	<5	<5	<3	3	<10	<2	<0.1	11	14	261	<5	27	80	330	19	41	3	5	0.10	2.64	0.45	3.07	0.62	0.09	0.04	0.03
53	L36E 6950N	<0.1	21	13	64	<5	<5	<3	3	<10	<2	<0.1	15	20	241	<5	30	76	409	18	25	6	6	0.16	2.46	0.35	2.90	0.77	0.11	0.04	0.05
54	L36E 7000N	0.3	17	19	89	<5	<5	<3	4	<10	<2	<0.1	21	15	301	<5	25	117	646	14	44	5	6	0.25	3.86	0.44	4.45	1.00	0.17	0.05	0.06
55	L37E 6000N	0.3	56	20	86	<5	<5	<3	9	<10	<2	<0.1	13	17	140	<5	27	72	475	17	82	4	6	0.09	2.30	0.68	3.50	0.77	0.18	0.05	0.03
56	L37E 6050N	0.3	42	13	72	<5	<5	<3	9	<10	<2	<0.1	15	24	166	<5	38	80	455	20	53	4	7	0.11	2.56	0.79	3.36	0.77	0.16	0.05	0.03
57	L37E 6100N	0.5	57	17	84	<5	<5	<3	9	<10	<2	<0.1	16	20	141	<5	36	86	473	14	64	4	6	0.12	2.59	0.66	3.68	0.83	0.17	0.04	0.03
58	L37E 6150N	1.3	169	21	101	101	<5	<3	15	<10	<2	<0.1	15	19	183	<5	31	69	697	34	97	3	7	0.05	2.74	0.96	3.75	0.74	0.14	0.05	0.09
59	L37E 6200N	0.7	43	14	60	7	<5	<3	6	<10	<2	<0.1	11	19	129	<5	32	75	303	13	46	3	4	0.07	2.34	0.54	3.17	0.65	0.11	0.04	0.03
60	L37E 6250N	0.7	41	14	65	<5	<5	<3	7	<10	<2	<0.1	13	21	167	<5	32	77	517	10	52	2	4	0.06	2.41	0.63	3.19	0.64	0.10	0.03	0.03
	Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Max Reported	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00

--=No Test ins=Insufficient Sample m=Estimate/1000 %=Estimate Max=No Estimate

#	Sample #	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%
61	L37E 6300N	1.0	39	18	108	<5	<5	<3	8	<10	<2	<0.1	10	13	112	<5	23	88	273	8	48	1	3	0.02	2.42	0.65	3.67	0.57	0.07	0.03	0.04
62	L37E 6350N	1.2	47	25	120	<5	<5	<3	6	<10	<2	<0.1	13	16	107	<5	27	74	364	9	27	3	4	0.04	3.10	0.34	3.85	0.47	0.07	0.04	0.07
63	L37E 6400N	0.7	66	23	139	21	<5	<3	5	<10	<2	<0.1	14	19	205	<5	32	73	528	15	30	1	5	0.04	2.70	0.33	3.44	0.78	0.10	0.03	0.04
64	L37E 6450N	0.5	69	25	247	199	<5	<3	3	<10	<2	<0.1	14	16	186	<5	26	70	395	15	35	3	5	0.06	2.29	0.42	3.63	0.86	0.09	0.05	0.06
65	L37E 6500N	0.7	54	20	137	54	<5	<3	3	<10	<2	<0.1	14	18	275	<5	30	69	392	21	42	2	8	0.07	2.45	0.51	3.15	0.79	0.08	0.04	0.05
66	L37E 6600N	0.5	23	29	114	29	<5	<3	3	<10	<2	<0.1	14	16	242	<5	28	71	413	14	34	3	6	0.12	2.26	0.56	3.06	0.79	0.07	0.04	0.07
67	L37E 6650N	0.5	36	24	101	<5	<5	<3	3	<10	<2	<0.1	13	17	269	<5	30	61	335	21	34	2	7	0.07	2.24	0.52	2.98	0.66	0.06	0.04	0.09
68	L37E 6700N	0.6	22	27	125	<5	<5	<3	2	<10	<2	<0.1	11	13	171	<5	26	63	296	13	27	2	5	0.08	2.12	0.46	2.81	0.71	0.06	0.04	0.07
69	L37E 6750N	0.4	21	20	105	<5	<5	<3	3	<10	<2	<0.1	13	15	199	<5	29	63	288	12	27	2	5	0.10	2.21	0.47	2.73	0.74	0.07	0.04	0.07
70	L37E 6800N	0.8	23	36	112	34	<5	<3	3	<10	<2	<0.1	11	17	201	<5	27	56	225	15	28	2	4	0.07	2.02	0.38	2.66	0.62	0.06	0.04	0.07
71	L37E 6900N	0.7	20	28	151	<5	<5	<3	3	<10	<2	<0.1	12	17	218	<5	26	65	277	15	32	3	6	0.07	2.35	0.45	2.78	0.78	0.08	0.04	0.06
72	L37E 6950N	0.8	22	39	159	<5	<5	<3	4	<10	<2	<0.1	14	13	211	<5	26	88	370	15	41	4	6	0.12	2.55	0.54	4.00	0.91	0.10	0.04	0.06
73	L37E 7000N	0.1	14	17	83	<5	<5	<3	3	<10	<2	<0.1	14	19	177	<5	29	63	380	10	24	4	4	0.09	2.21	0.32	2.74	0.63	0.06	0.04	0.04
74	L38E 6000N	9.8	459	259	648	71	<5	<3	17	<10	17	<0.1	20	12	81	<5	30	66	288	11	47	4	4	0.01	2.79	0.35	5.33	0.84	0.13	0.04	0.04
75	L38E 6050N	3.0	98	24	86	<5	<5	<3	9	<10	<2	<0.1	10	11	193	<5	17	70	198	7	191	5	5	0.05	3.37	0.58	3.43	0.84	0.13	0.04	0.02
76	L38E 6100N	0.9	209	33	90	49	<5	<3	12	<10	<2	<0.1	10	10	120	<5	13	61	249	11	27	6	3	0.02	3.16	0.19	3.89	0.80	0.16	0.03	0.05
77	L38E 6150N	0.3	37	18	55	<5	<5	<3	4	<10	<2	<0.1	12	21	127	<5	31	70	250	7	42	4	4	0.06	2.55	0.43	3.09	0.71	0.09	0.04	0.01
78	L38E 6200N	0.6	57	24	71	57	<5	<3	5	<10	<2	<0.1	14	23	104	6	31	78	305	9	38	4	4	0.04	2.95	0.36	3.88	0.70	0.13	0.04	0.02
79	L38E 6250N	0.6	27	20	71	<5	<5	<3	4	<10	<2	<0.1	15	27	166	<5	41	90	332	9	44	4	5	0.10	3.03	0.48	3.76	0.79	0.11	0.04	0.02
80	L38E 6300N	0.8	45	23	93	5	<5	<3	4	<10	<2	<0.1	16	24	170	<5	34	79	427	12	44	3	5	0.08	2.67	0.62	3.39	0.84	0.11	0.05	0.04
81	L38E 6350N	1.7	83	21	136	26	<5	<3	6	<10	12	<0.1	14	20	238	<5	33	73	453	27	59	2	8	0.07	2.75	0.70	3.41	0.86	0.10	0.05	0.06
82	L38E 6400N	0.9	39	23	141	<5	<5	<3	5	<10	<2	<0.1	13	15	166	<5	32	111	244	10	37	3	4	0.06	3.03	0.52	3.87	0.58	0.09	0.04	0.02
83	L38E 6450N	1.1	52	26	149	19	<5	<3	4	<10	<2	<0.1	15	22	279	<5	39	77	443	16	45	2	6	0.08	3.27	0.55	3.50	0.82	0.14	0.04	0.05
84	L38E 6500N	0.5	17	27	109	<5	<5	<3	5	<10	<2	<0.1	16	22	207	<5	40	99	352	14	27	6	6	0.12	3.69	0.33	4.14	0.73	0.09	0.04	0.05
85	L38E 6550N	0.9	43	42	157	257	<5	<3	3	<10	<2	<0.1	16	24	409	<5	39	85	395	15	65	4	7	0.10	2.88	0.62	4.15	0.90	0.13	0.05	0.07
86	L38E 6600N	0.7	28	38	213	8	<5	<3	4	<10	<2	<0.1	20	26	283	<5	36	85	643	15	30	4	6	0.13	3.23	0.41	3.85	0.89	0.12	0.04	0.06
87	L38E 6650N	1.7	59	42	207	8	<5	<3	5	<10	<2	<0.1	39	33	526	<5	45	91	2579	54	51	2	9	0.06	4.31	0.69	4.51	0.59	0.13	0.04	0.14
88	L38E 6700N	0.8	34	57	243	11	<5	<3	4	<10	<2	<0.1	15	18	258	<5	31	79	472	16	35	3	6	0.13	2.40	0.53	3.59	0.85	0.11	0.04	0.07
89	L38E 6750N	0.6	27	32	144	<5	<5	<3	3	<10	<2	<0.1	17	15	245	<5	32	80	331	17	30	4	7	0.14	2.42	0.50	3.32	0.85	0.09	0.04	0.07
90	L38E 6800N	0.5	26	26	119	<5	<5	<3	3	<10	<2	<0.1	14	18	231	<5	29	77	328	15	38	3	6	0.13	2.39	0.61	3.25	0.82	0.08	0.05	0.08
	Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Max Reported	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00

--=No Test ins=Insufficient Sample m=Estimate/1000 %=Estimate Max=No Estimate

#	Sample #	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%
91	L38E 6900N	0.6	22	60	270	<5	<5	<3	4	<10	<2	<0.1	17	15	240	<5	31	84	577	20	44	5	9	0.14	2.55	0.63	3.58	1.01	0.12	0.05	0.08
92	L38E 6950N	0.6	21	74	207	<5	<5	<3	3	<10	<2	<0.1	17	16	238	5	30	97	435	21	48	3	9	0.13	2.98	0.71	3.71	1.07	0.10	0.04	0.08
93	L39E 6000N	0.6	124	19	80	<5	<5	<3	21	<10	<2	<0.1	18	19	164	<5	21	97	270	16	93	7	7	0.09	5.42	0.53	5.68	1.08	0.28	0.04	0.04
94	L39E 6050N	0.3	29	14	56	<5	<5	<3	5	<10	<2	<0.1	12	19	116	<5	31	74	271	11	49	2	4	0.06	2.57	0.44	3.12	0.72	0.09	0.04	0.02
95	L39E 6100N	1.1	53	26	93	<5	<5	<3	5	<10	<2	<0.1	13	18	154	<5	34	87	332	11	52	5	5	0.08	3.47	0.52	3.69	0.83	0.10	0.05	0.02
96	L39E 6200N	0.8	54	18	69	<5	<5	<3	6	<10	<2	<0.1	15	22	175	<5	31	70	707	29	54	3	6	0.07	2.86	0.73	3.45	0.73	0.14	0.05	0.03
97	L39E 6250N	1.0	27	24	113	<5	<5	<3	4	<10	<2	<0.1	15	19	159	<5	30	103	288	10	59	2	5	0.04	3.55	0.72	4.22	0.71	0.13	0.04	0.03
98	L39E 6300N	1.8	94	30	117	143	<5	<3	5	<10	<2	<0.1	16	21	221	<5	32	77	382	22	59	4	8	0.10	2.70	0.79	3.46	0.87	0.11	0.06	0.05
99	L39E 6350N	0.8	55	26	118	26	<5	<3	5	<10	<2	<0.1	14	19	185	<5	28	98	375	12	43	2	4	0.07	2.60	0.45	4.26	0.67	0.14	0.04	0.04
100	L39E 6400N	1.3	86	25	161	<5	<5	<3	4	<10	<2	<0.1	25	23	252	<5	34	85	827	21	39	2	7	0.08	3.57	0.49	3.87	0.77	0.11	0.05	0.06
101	L39E 6450N	0.8	25	24	155	70	<5	<3	4	<10	<2	<0.1	18	25	199	<5	38	107	387	11	24	4	6	0.12	3.25	0.31	4.38	0.75	0.12	0.04	0.03
102	L39E 6500N	0.1	23	28	105	<5	<5	<3	3	<10	<2	<0.1	18	30	188	<5	41	96	495	12	29	4	6	0.15	2.95	0.40	3.80	0.86	0.09	0.04	0.04
103	L39E 6550N	0.6	34	31	159	14	<5	<3	4	<10	<2	<0.1	16	23	287	<5	36	76	403	22	51	3	9	0.13	2.59	0.72	3.19	0.89	0.08	0.05	0.08
104	L39E 6600N	0.3	26	21	151	<5	<5	<3	3	<10	<2	<0.1	21	14	239	<5	29	87	709	20	35	4	7	0.19	2.14	0.52	3.49	0.95	0.13	0.05	0.06
105	L39E 6650N	0.6	57	36	190	44	<5	<3	3	<10	<2	<0.1	18	20	320	<5	37	88	523	31	45	4	11	0.15	2.68	0.60	3.88	0.94	0.17	0.05	0.06
106	L39E 6700N	1.0	41	30	170	<5	<5	<3	3	<10	<2	<0.1	17	17	287	<5	36	87	459	28	41	4	9	0.18	2.72	0.62	3.57	1.02	0.13	0.05	0.06
107	L39E 6750N	0.8	30	52	257	<5	<5	<3	3	<10	<2	<0.1	19	14	249	<5	30	88	741	17	38	3	7	0.17	2.48	0.58	3.81	0.97	0.15	0.04	0.08
108	L39E 6800N	1.0	49	42	262	12	<5	<3	3	<10	<2	<0.1	20	20	411	<5	36	86	850	19	74	3	8	0.12	3.12	0.93	4.01	0.93	0.15	0.04	0.08
109	L39E 6850N	0.9	45	35	158	65	<5	<3	5	<10	<2	8	45	21	738	<5	25	77	11858	25	84	1	5	0.07	2.03	1.13	4.93	0.70	0.07	0.04	0.11
110	L39E 6900N	0.9	29	64	206	12	<5	<3	5	<10	<2	<0.1	23	18	391	<5	34	86	3305	20	61	1	9	0.09	2.64	0.87	3.91	0.86	0.11	0.05	0.11
111	L39E 7000N	0.6	18	32	173	<5	<5	<3	4	<10	<2	0.3	17	13	352	<5	26	69	4004	17	56	1	6	0.09	1.99	0.78	3.05	0.81	0.08	0.06	0.11
112	L40E 6000N	1.0	61	36	70	<5	<5	<3	6	<10	<2	<0.1	15	16	155	<5	27	73	462	14	60	6	5	0.11	2.72	0.53	3.31	0.83	0.12	0.06	0.02
113	L40E 6050N	1.0	78	17	61	<5	<5	<3	6	<10	<2	<0.1	17	19	169	<5	34	74	620	21	74	5	7	0.12	2.66	0.85	3.23	0.81	0.12	0.06	0.03
114	L40E 6100N	0.4	38	25	62	<5	<5	<3	5	<10	<2	<0.1	15	21	172	<5	33	77	525	13	60	3	5	0.11	2.42	0.70	3.13	0.69	0.14	0.05	0.03
115	L40E 6150N	0.9	78	23	74	9	<5	<3	5	<10	<2	<0.1	15	22	201	<5	34	77	661	22	67	4	7	0.10	2.69	0.92	3.64	0.85	0.18	0.07	0.04
116	L40E 6200N	0.5	123	18	72	<5	<5	<3	7	<10	<2	<0.1	17	16	226	<5	30	109	404	14	79	6	10	0.15	3.51	0.79	4.46	1.17	0.20	0.08	0.04
117	L40E 6250N	0.5	100	16	67	70	<5	<3	4	<10	<2	<0.1	18	19	198	<5	29	87	276	9	54	2	5	0.06	3.73	0.34	4.02	0.84	0.11	0.05	0.03
118	L40E 6300N	1.4	68	20	101	40	<5	<3	5	<10	<2	<0.1	14	14	185	<5	28	62	533	15	58	2	5	0.07	2.13	0.85	2.87	0.71	0.11	0.04	0.06
119	L40E 6350N	0.7	54	15	71	<5	<5	<3	4	<10	<2	<0.1	16	20	262	<5	30	85	347	12	37	2	5	0.09	2.97	0.45	3.58	0.83	0.09	0.05	0.04
120	L40E 6400N	0.8	29	17	78	<5	<5	<3	4	<10	<2	<0.1	16	17	254	<5	35	83	462	15	42	4	6	0.11	2.68	0.42	3.43	0.75	0.09	0.04	0.02
	Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Max Reported	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00

--=No Test ins=Insufficient Sample m=Estimate/1000 %=Estimate Max=No Estimate

W O# 020011

#	Sample #	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%
121	L40E 6450N	0.6	18	25	137	<5	<5	<3	5	<10	<2	<0.1	17	17	226	<5	25	108	437	7	37	3	4	0.17	3.13	0.33	4.26	0.83	0.19	0.04	0.03
122	L40E 6500N	0.4	15	14	113	<5	<5	<3	3	<10	<2	<0.1	15	18	322	<5	25	86	1014	12	52	1	5	0.08	2.64	0.57	3.48	0.75	0.09	0.05	0.03
123	L40E 6550N	<0.1	19	18	162	<5	<5	<3	4	<10	<2	<0.1	14	16	154	<5	32	98	563	9	24	2	5	0.10	2.70	0.23	3.97	0.80	0.11	0.04	0.04
124	L40E 6600N	2.5	53	53	182	201	<5	<3	4	<10	<2	<0.1	14	13	321	<5	28	79	448	22	63	2	9	0.08	2.46	0.59	4.66	0.82	0.32	0.05	0.07
125	L40E 6650N	0.2	29	25	129	<5	<5	<3	4	<10	<2	<0.1	17	20	201	<5	33	76	444	11	30	5	6	0.12	3.10	0.32	3.40	0.83	0.11	0.04	0.04
126	L40E 6700N	1.5	35	41	264	36	<5	<3	4	<10	<2	<0.1	15	19	237	<5	32	75	527	17	38	3	8	0.10	2.64	0.49	3.27	0.90	0.10	0.04	0.07
127	L40E 6750N	0.8	34	41	189	13	<5	<3	3	<10	<2	<0.1	14	17	272	<5	31	72	354	25	33	3	8	0.11	2.60	0.45	3.14	0.84	0.08	0.04	0.06
128	L40E 6800N	1.2	41	115	381	428	<5	<3	3	<10	<2	<0.1	10	4	246	<5	15	67	391	18	83	2	6	0.04	1.97	0.53	5.93	0.60	0.27	0.05	0.06
129	L40E 6850N	0.5	17	38	208	61	<5	<3	4	<10	<2	<0.1	14	11	240	<5	24	86	924	15	49	3	6	0.12	2.16	0.74	3.77	0.90	0.09	0.04	0.08
130	L40E 6900N	0.6	24	25	164	<5	<5	<3	3	<10	<2	<0.1	14	17	325	<5	30	77	392	17	36	3	7	0.13	2.69	0.51	3.30	0.82	0.13	0.04	0.05
131	L40E 6900NA	0.6	19	36	203	<5	<5	<3	3	<10	<2	<0.1	12	11	224	<5	23	80	387	15	44	2	6	0.15	2.20	0.70	3.14	0.94	0.09	0.04	0.08
132	L40E 6950N	0.9	22	45	214	64	<5	<3	4	<10	<2	<0.1	15	12	292	<5	26	83	561	17	53	3	7	0.13	2.24	0.78	3.47	0.88	0.11	0.04	0.08
133	L40E 7000N	0.6	27	31	184	<5	<5	<3	3	<10	<2	1.6	17	8	324	<5	17	59	1463	22	89	2	4	0.06	1.43	1.14	2.69	0.50	0.06	0.05	0.10
134	L41E 6000N	0.6	66	26	66	<5	<5	<3	6	<10	<2	<0.1	14	12	148	<5	25	67	541	13	44	6	5	0.09	2.38	0.50	3.35	0.74	0.11	0.05	0.03
135	L41E 6050N	0.8	75	18	62	<5	<5	<3	6	<10	<2	<0.1	14	15	183	<5	29	66	535	16	64	4	6	0.08	2.49	0.83	3.20	0.74	0.10	0.05	0.04
136	L41E 6100N	0.5	65	15	61	<5	<5	<3	6	<10	<2	<0.1	13	14	129	<5	27	80	265	8	44	3	5	0.09	2.92	0.41	3.49	0.80	0.12	0.05	0.03
137	L41E 6150N	1.0	85	25	83	86	<5	<3	6	<10	<2	<0.1	14	18	202	5	28	71	435	16	53	2	6	0.07	2.39	0.68	3.28	0.76	0.10	0.04	0.05
138	L41E 6200N	1.4	81	18	106	46	<5	<3	5	<10	<2	<0.1	14	16	225	<5	24	63	498	19	89	2	5	0.06	2.23	1.22	3.07	0.71	0.13	0.04	0.07
139	L41E 6250N	0.7	57	22	154	54	<5	<3	3	<10	<2	<0.1	18	16	271	<5	26	80	611	22	57	3	7	0.12	2.44	0.75	3.74	0.89	0.18	0.05	0.06
140	L41E 6300N	0.4	54	15	77	108	<5	<3	3	<10	<2	<0.1	17	18	245	<5	26	87	485	12	46	2	5	0.07	2.67	0.50	4.04	0.85	0.12	0.04	0.02
141	L41E 6350N	0.4	39	21	126	<5	<5	<3	3	<10	<2	<0.1	16	14	239	<5	27	89	606	16	43	3	6	0.13	2.43	0.57	3.79	0.96	0.14	0.04	0.04
142	L41E 6400N	0.5	32	23	112	<5	<5	<3	3	<10	<2	<0.1	16	21	259	<5	35	92	565	18	42	4	7	0.15	2.73	0.53	3.69	0.90	0.13	0.05	0.03
143	L41E 6450N	0.2	39	12	98	<5	<5	<3	2	<10	<2	<0.1	16	20	281	<5	35	91	571	21	56	7	9	0.15	2.46	0.63	3.66	0.96	0.12	0.06	0.05
144	L41E 6500N	0.5	39	18	97	<5	<5	<3	3	<10	<2	<0.1	17	22	227	<5	35	91	541	18	44	5	8	0.12	2.46	0.54	3.68	0.93	0.10	0.04	0.04
145	L41E 6550N	0.6	32	37	192	101	<5	<3	4	<10	<2	3.8	15	17	212	<5	27	82	584	12	40	2	5	0.07	2.67	0.38	3.99	0.81	0.18	0.04	0.04
146	L41E 6600N	1.0	58	30	201	121	<5	<3	3	<10	8	<0.1	13	13	260	<5	23	68	421	11	76	3	5	0.05	2.47	0.35	4.35	0.71	0.25	0.05	0.04
147	L41E 6650N	0.6	41	47	273	24	<5	<3	5	<10	<2	<0.1	25	18	211	<5	36	105	641	15	33	6	7	0.09	4.35	0.14	5.11	0.95	0.15	0.04	0.03
148	L41E 6700N	0.4	25	15	89	<5	<5	<3	3	<10	<2	<0.1	11	21	183	<5	31	58	216	15	28	2	5	0.10	2.35	0.39	2.31	0.75	0.07	0.04	0.05
149	L41E 6750N	1.6	53	48	185	125	<5	<3	6	<10	<2	<0.1	24	20	315	<5	33	84	1991	30	59	1	7	0.07	2.65	0.71	4.04	0.74	0.10	0.04	0.12
150	L41E 6800N	0.5	28	59	394	<5	<5	<3	4	<10	<2	<0.1	16	16	243	<5	31	88	608	14	58	3	7	0.15	2.79	0.64	3.87	0.97	0.15	0.04	0.06
	Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Max Reported	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00

--=No Test ins=Insufficient Sample m=Estimate/1000 %=Estimate Max=No Estimate

#	Sample #	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%
152	L41E 7000N	0.4	15	35	331	<5	<5	<3	6	<10	<2	5.5	55	12	299	<5	24	83	5515	17	55	1	6	0.10	1.94	0.80	4.55	0.88	0.08	0.05	0.11
153	L42E 6000N	0.8	125	7	50	14	<5	<3	5	<10	<2	<0.1	10	12	132	<5	19	41	376	18	138	4	4	0.04	1.75	2.46	2.21	0.50	0.10	0.04	0.07
154	L42E 6050N	1.4	63	18	100	50	<5	<3	5	<10	<2	<0.1	13	15	212	<5	27	75	415	14	64	3	6	0.09	2.49	0.84	3.34	0.79	0.13	0.05	0.04
155	L42E 6100N	0.5	52	16	118	22	<5	<3	4	<10	<2	<0.1	13	14	182	<5	28	77	387	14	51	3	6	0.11	2.22	0.72	3.35	0.89	0.14	0.05	0.06
156	L42E 6150N	0.7	62	17	147	41	<5	<3	4	<10	<2	<0.1	14	17	226	<5	27	80	409	14	52	3	7	0.12	2.42	0.69	3.65	0.86	0.17	0.05	0.05
157	L42E 6200N	0.8	44	22	126	43	<5	<3	4	<10	<2	<0.1	14	14	213	<5	24	74	425	17	44	3	5	0.11	2.14	0.58	3.38	0.77	0.15	0.04	0.04
158	L42E 6250N	0.8	69	12	67	<5	<5	<3	4	<10	<2	<0.1	12	12	230	<5	20	59	451	23	122	3	4	0.06	1.85	2.10	2.77	0.63	0.09	0.04	0.07
159	L42E 6300N	0.4	28	18	105	<5	<5	<3	3	<10	<2	<0.1	17	18	211	<5	29	87	471	9	37	3	5	0.13	2.39	0.49	3.59	0.78	0.18	0.04	0.02
160	L42E 6350N	0.6	36	20	84	<5	<5	<3	4	<10	<2	<0.1	12	14	235	<5	26	90	352	18	37	4	5	0.09	2.51	0.45	3.36	0.70	0.10	0.04	0.02
161	L42E 6400N	0.5	44	14	93	<5	<5	<3	4	<10	<2	<0.1	15	14	237	<5	24	86	431	18	48	4	6	0.14	2.33	0.61	3.58	0.93	0.13	0.04	0.04
162	L42E 6450N	0.1	45	17	228	<5	<5	<3	6	<10	<2	<0.1	27	15	441	<5	29	158	801	16	33	5	12	0.22	4.93	0.36	6.08	1.59	0.27	0.04	0.04
163	L42E 6500N	0.4	27	11	58	<5	<5	<3	2	<10	<2	<0.1	15	28	249	<5	41	84	309	9	34	5	5	0.14	2.88	0.37	3.31	0.80	0.12	0.04	0.01
164	L42E 6550N	0.8	36	17	83	<5	<5	<3	3	<10	<2	<0.1	20	29	207	<5	40	96	331	8	23	4	5	0.13	3.72	0.21	3.93	0.80	0.11	0.04	0.02
165	L42E 6600N	0.2	38	17	98	<5	<5	<3	4	<10	<2	<0.1	18	15	179	<5	27	100	763	12	51	3	5	0.12	2.60	0.24	4.11	0.87	0.11	0.04	0.05
166	L42E 6650N	0.3	25	20	93	<5	<5	<3	5	<10	<2	<0.1	14	18	172	<5	33	95	351	9	30	4	6	0.11	3.03	0.30	4.02	0.81	0.08	0.04	0.03
167	L42E 6700N	0.2	35	24	142	15	<5	<3	4	<10	<2	<0.1	18	22	232	<5	38	90	459	10	28	5	6	0.11	3.62	0.28	4.21	0.95	0.15	0.04	0.02
168	L42E 6750N	1.8	61	44	147	<5	<5	<3	3	<10	<2	2.5	14	18	444	<5	22	49	1317	71	110	2	4	0.03	2.38	1.63	2.77	0.40	0.09	0.04	0.12
169	L42E 6850N	1.0	25	76	326	<5	<5	<3	7	<10	<2	<0.1	20	14	302	<5	38	84	1736	13	64	2	6	0.15	2.29	1.03	3.58	0.96	0.11	0.06	0.09
170	L42E 6900N	0.4	18	47	376	<5	<5	<3	4	<10	<2	<0.1	18	4	398	<5	18	118	1080	13	55	3	8	0.21	3.00	0.97	4.54	1.08	0.15	0.05	0.08
171	L42E 6950N	0.5	14	33	189	<5	<5	<3	3	<10	<2	<0.1	16	6	341	<5	14	80	1113	14	40	2	6	0.15	2.20	0.73	3.17	0.78	0.12	0.04	0.08
172	L42E 7000N	1.8	17	96	163	<5	<5	<3	5	<10	<2	5.7	25	12	675	<5	21	73	11873	20	49	<1	5	0.09	1.54	0.79	3.09	0.51	0.11	0.04	0.09
173	L43E 6000N	0.8	58	17	102	11	<5	<3	4	<10	<2	<0.1	14	12	176	<5	23	76	513	17	51	3	6	0.11	2.42	0.71	3.32	0.75	0.14	0.04	0.04
174	L43E 6050N	0.9	84	23	99	<5	<5	<3	4	<10	<2	<0.1	17	12	237	<5	28	91	536	25	50	5	8	0.13	2.71	0.61	3.88	0.89	0.14	0.04	0.03
175	L43E 6100N	0.2	48	16	97	<5	<5	<3	4	<10	<2	<0.1	18	21	256	<5	36	94	482	19	42	6	8	0.13	2.91	0.53	3.97	0.95	0.11	0.04	0.03
176	L43E 6150N	0.4	74	20	115	32	<5	<3	4	<10	<2	<0.1	15	13	250	<5	25	97	481	19	66	5	9	0.14	2.62	0.94	4.09	0.98	0.18	0.05	0.06
177	L43E 6200N	0.4	45	19	73	<5	<5	<3	4	<10	<2	<0.1	14	13	310	6	22	97	293	12	39	3	6	0.13	2.57	0.50	3.75	0.75	0.18	0.04	0.03
178	L43E 6250N	0.5	49	18	113	<5	<5	<3	4	<10	<2	<0.1	18	16	247	<5	30	105	514	13	37	5	7	0.18	2.73	0.55	4.19	1.02	0.15	0.04	0.03
179	L43E 6300N	0.4	48	14	103	<5	<5	<3	4	<10	<2	<0.1	16	14	296	<5	29	106	479	15	44	4	6	0.19	2.55	0.60	3.91	0.96	0.16	0.05	0.03
180	L43E 6350N	0.5	47	14	72	<5	<5	<3	3	<10	<2	<0.1	15	13	289	<5	26	85	400	15	33	3	6	0.16	2.23	0.42	3.49	0.81	0.21	0.04	0.03
	Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Max Reported	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00

--=No Test ins=Insufficient Sample m=Estimate/1000 %=Estimate Max=No Estimate

#	Sample #	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%
181	L43E 6400N	1.6	119	15	71	<5	<5	<3	5	<10	<2	<0.1	19	27	251	<5	42	104	340	13	39	4	8	0.16	4.23	0.32	4.11	0.97	0.09	0.04	0.01
182	L43E 6450N	0.4	39	20	101	<5	<5	<3	5	<10	<2	<0.1	21	21	274	<5	34	115	428	12	26	6	6	0.21	5.09	0.27	4.50	1.04	0.18	0.04	0.05
183	L43E 6500N	0.8	52	22	104	77	<5	<3	5	<10	<2	<0.1	25	23	401	6	31	118	533	12	35	6	7	0.18	4.27	0.37	4.86	1.08	0.24	0.04	0.04
184	L43E 6550N	0.4	25	16	68	<5	<5	<3	4	<10	<2	<0.1	18	29	252	<5	36	88	324	9	22	6	4	0.13	3.26	0.23	3.49	0.77	0.10	0.04	0.02
185	L43E 6600N	0.8	110	20	154	<5	<5	<3	3	<10	5	<0.1	22	20	235	<5	31	95	861	17	42	4	6	0.16	2.67	0.52	3.85	0.93	0.11	0.04	0.06
186	L43E 6650N	0.2	35	17	93	<5	<5	<3	6	<10	<2	<0.1	23	15	281	7	24	121	698	14	81	6	10	0.23	5.09	0.87	4.86	1.14	0.18	0.04	0.06
187	L43E 6700N	0.4	41	19	95	<5	<5	<3	6	<10	<2	<0.1	15	11	228	<5	26	110	466	17	33	2	7	0.10	3.26	0.35	4.78	0.72	0.10	0.04	0.06
188	L43E 6750N	0.3	22	31	203	<5	<5	<3	6	<10	<2	<0.1	21	12	270	<5	25	114	889	17	65	3	10	0.20	3.10	1.04	4.38	1.27	0.14	0.04	0.09
189	L43E 6800N	0.7	37	8	80	<5	<5	<3	4	<10	<2	4.1	11	13	376	<5	15	29	3294	20	104	<1	2	0.02	1.02	1.68	1.42	0.24	0.04	0.05	0.14
190	L43E 6850N	0.8	27	55	187	<5	<5	<3	4	<10	<2	<0.1	16	13	227	<5	31	93	384	18	34	5	7	0.16	2.67	0.53	3.96	0.93	0.11	0.04	0.06
191	L43E 6900N	0.5	21	42	173	<5	<5	<3	5	<10	<2	<0.1	23	17	303	<5	31	101	1172	13	46	2	7	0.14	2.71	0.67	4.46	0.90	0.10	0.05	0.08
192	L43E 6950N	0.3	15	44	179	<5	<5	<3	3	<10	<2	<0.1	14	16	253	<5	29	72	377	14	36	3	7	0.17	2.57	0.62	2.71	0.91	0.10	0.04	0.07
193	L43E 7000N	2.0	16	68	182	<5	<5	<3	3	<10	<2	<0.1	16	12	258	<5	29	80	455	15	30	3	7	0.17	2.36	0.54	3.18	0.93	0.13	0.04	0.08
194	L44E 6000N	0.4	116	15	72	<5	<5	<3	10	<10	<2	<0.1	14	10	196	<5	35	69	421	16	63	4	6	0.12	2.04	1.06	3.51	0.81	0.17	0.07	0.09
343	L44E 6050N	1.0	35	28	123	<5	<5	<3	3	<10	<2	<0.1	14	12	264	<5	26	74	387	17	38	4	7	0.13	2.20	0.55	3.20	0.79	0.13	0.04	0.06
195	L44E 6100N	0.4	68	12	65	<5	<5	<3	5	<10	<2	<0.1	14	14	201	<5	28	67	350	17	44	3	6	0.10	2.09	0.61	3.03	0.75	0.10	0.05	0.07
196	L44E 6150N	0.4	75	13	65	<5	<5	<3	4	<10	<2	<0.1	13	12	207	<5	26	73	342	16	39	2	6	0.08	2.34	0.49	3.01	0.68	0.08	0.04	0.05
197	L44E 6200N	0.6	61	13	71	<5	<5	<3	5	<10	<2	<0.1	19	13	280	<5	30	100	383	23	33	4	7	0.12	3.15	0.35	4.09	0.91	0.09	0.04	0.04
198	L44E 6250N	1.2	115	15	84	28	<5	<3	5	<10	<2	<0.1	17	12	357	<5	22	97	488	38	68	3	10	0.13	2.78	1.18	4.28	0.94	0.29	0.05	0.08
199	L44E 6300N	0.2	49	18	81	<5	<5	<3	4	<10	<2	<0.1	22	12	366	7	21	137	524	15	44	3	11	0.21	3.61	0.44	5.24	1.20	0.49	0.06	0.04
200	L44E 6350N	0.3	65	19	122	<5	<5	<3	6	<10	<2	<0.1	21	10	356	<5	21	124	823	19	55	4	10	0.18	2.81	0.90	5.07	1.17	0.29	0.05	0.08
201	L44E 6400N	0.3	62	14	130	<5	<5	<3	5	<10	<2	<0.1	24	7	458	5	24	143	801	20	44	4	10	0.26	3.35	0.82	5.57	1.42	0.43	0.05	0.09
202	L44E 6450N	0.3	82	20	155	80	<5	<3	6	<10	<2	<0.1	25	5	404	<5	19	134	802	19	39	4	8	0.24	3.13	0.49	5.85	1.37	0.52	0.05	0.08
203	L44E 6500N	0.3	32	14	115	<5	<5	<3	4	<10	<2	<0.1	23	21	337	<5	33	124	512	11	25	5	6	0.22	3.81	0.30	4.64	1.09	0.26	0.04	0.03
204	L44E 6550N	0.3	30	11	96	<5	<5	<3	4	<10	<2	<0.1	13	13	269	<5	25	75	523	11	34	3	5	0.10	2.26	0.35	3.18	0.78	0.13	0.04	0.03
205	L44E 6600N	0.3	38	26	199	<5	<5	<3	5	<10	<2	<0.1	23	18	255	<5	33	131	627	10	20	3	6	0.10	4.01	0.17	5.57	0.93	0.20	0.04	0.05
206	L44E 6650N	1.3	22	26	115	<5	<5	<3	5	<10	<2	<0.1	18	24	176	<5	33	113	414	12	27	5	6	0.11	3.98	0.22	4.72	0.80	0.16	0.04	0.04
207	L44E 6700N	0.9	84	120	487	12	<5	<3	7	<10	<2	<0.1	22	2	216	<5	16	115	1143	16	49	2	6	0.07	2.79	0.18	6.44	1.01	0.29	0.05	0.07
208	L44E 6750N	0.6	30	80	217	<5	<5	<3	4	<10	<2	<0.1	19	18	248	<5	32	99	682	14	30	4	7	0.13	3.22	0.40	4.28	0.94	0.15	0.04	0.04
209	L44E 6850N	1.3	48	31	108	<5	<5	<3	4	<10	<2	<0.1	22	17	499	<5	24	55	1833	45	61	1	6	0.05	2.39	0.68	2.77	0.45	0.11	0.05	0.13
151	L44E 6900N	0.8	32	63	287	<5	<5	<3	4	<10	<2	0.2	17	14	234	<5	25	78	1388	15	62	1	6	0.08	2.15	0.82	3.36	0.80	0.07	0.04	0.09
210	L44E 6950N	0.2	17	64	117	<5	<5	<3	4	<10	<2	2.6	18	14	189	<5	27	118	658	10	22	4	5	0.22	2.68	0.35	3.99	0.88	0.18	0.04	0.05
	Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Max Reported	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00

--=No Test ins=Insufficient Sample m=Estimate/1000 %=Estimate Max=No Estimate

#	Sample #	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%
211	L44E 7000N	0.8	15	71	106	<5	<5	<3	3	<10	<2	<0.1	13	11	252	<5	27	80	387	21	36	2	7	0.10	2.36	0.58	2.96	0.91	0.09	0.04	0.06
212	L45E 6000N	0.7	190	15	76	68	<5	<3	9	<10	<2	<0.1	13	16	157	<5	26	58	304	18	62	4	6	0.09	2.34	0.93	3.15	0.68	0.11	0.05	0.06
213	L45E 6050N	0.6	153	15	77	<5	<5	<3	6	<10	<2	<0.1	15	13	220	<5	25	69	433	18	62	3	7	0.10	2.18	1.06	3.19	0.76	0.14	0.05	0.07
214	L45E 6100N	1.2	122	21	81	<5	<5	<3	7	<10	<2	<0.1	29	15	327	<5	27	95	1200	21	72	3	8	0.12	2.53	1.13	3.93	0.85	0.17	0.05	0.09
215	L45E 6150N	1.0	143	29	80	<5	<5	<3	4	<10	<2	<0.1	16	17	306	<5	24	50	238	35	58	1	4	0.05	2.26	0.63	2.62	0.47	0.13	0.04	0.11
216	L45E 6200N	0.9	66	13	58	<5	<5	<3	3	<10	<2	<0.1	11	10	399	<5	18	44	560	20	99	1	3	0.04	1.56	1.62	2.10	0.51	0.09	0.04	0.08
217	L45E 6250N	0.8	78	12	40	<5	<5	<3	3	<10	<2	<0.1	16	14	414	<5	19	42	768	82	105	2	4	0.04	1.94	2.15	2.13	0.47	0.08	0.04	0.10
218	L45E 6300N	1.0	58	15	60	<5	<5	<3	3	<10	<2	<0.1	11	13	372	<5	22	61	434	46	88	2	4	0.06	2.26	1.62	2.57	0.60	0.11	0.03	0.08
219	L45E 6350N	0.6	64	19	62	<5	<5	<3	3	<10	<2	<0.1	14	16	327	<5	21	60	620	24	112	3	5	0.08	1.93	2.21	2.72	0.66	0.14	0.04	0.08
220	L45E 6400N	0.6	45	19	78	<5	<5	<3	4	<10	<2	<0.1	9	10	250	<5	17	50	367	9	109	3	4	0.06	1.54	2.15	2.36	0.55	0.14	0.04	0.08
221	L45E 6450N	0.2	23	16	80	<5	<5	<3	5	<10	<2	<0.1	14	10	214	<5	24	88	480	10	32	3	5	0.13	2.06	0.46	3.43	0.84	0.13	0.04	0.03
222	L45E 6500N	0.8	80	17	79	26	<5	<3	5	<10	<2	<0.1	17	17	435	5	34	86	813	28	54	3	9	0.08	2.62	0.78	3.55	0.78	0.10	0.05	0.04
223	L45E 6550N	0.5	88	17	102	109	<5	<3	8	<10	<2	<0.1	17	6	347	5	19	105	590	25	69	3	11	0.14	2.96	0.68	4.72	1.02	0.24	0.04	0.03
224	L45E 6600N	0.4	37	20	90	80	<5	<3	4	<10	<2	<0.1	17	21	276	<5	33	80	600	16	32	4	6	0.09	2.28	0.43	3.42	0.84	0.10	0.05	0.03
225	L45E 6650N	0.4	18	15	79	<5	<5	<3	4	<10	<2	<0.1	13	19	161	<5	33	97	283	9	18	3	4	0.08	2.32	0.19	3.70	0.52	0.06	0.04	0.03
226	L45E 6700N	0.5	36	19	88	<5	<5	<3	5	<10	<2	<0.1	16	23	402	<5	35	89	496	24	40	2	7	0.09	3.25	0.46	3.79	0.74	0.10	0.04	0.05
227	L45E 6750N	1.1	30	46	254	<5	<5	<3	6	<10	<2	<0.1	23	15	229	<5	28	110	941	13	26	4	7	0.14	3.06	0.29	4.65	0.83	0.18	0.04	0.05
228	L45E 6800N	0.3	29	43	205	<5	<5	<3	6	<10	<2	<0.1	25	23	187	<5	35	96	464	10	22	7	6	0.12	4.03	0.19	4.53	0.85	0.15	0.04	0.03
229	L45E 6850N	0.3	16	23	450	<5	<5	<3	4	<10	<2	<0.1	16	16	264	<5	28	91	759	12	53	4	7	0.09	4.06	0.64	3.80	0.93	0.12	0.04	0.05
230	L45E 6900N	0.4	13	24	131	5	<5	<3	3	<10	<2	<0.1	19	10	206	<5	22	103	1023	12	23	3	4	0.18	2.38	0.37	3.47	0.68	0.14	0.04	0.06
231	L45E 6950N	0.2	15	20	103	<5	<5	<3	2	<10	<2	<0.1	15	9	310	<5	20	79	648	13	29	2	4	0.15	1.86	0.49	2.94	0.78	0.15	0.05	0.08
232	L45E 7000N	0.3	20	22	112	<5	<5	<3	4	<10	<2	<0.1	20	12	435	<5	26	98	1267	19	40	2	7	0.17	2.36	0.75	3.64	0.97	0.19	0.05	0.07
233	L46E 6000N	0.2	185	22	69	198	<5	<3	12	<10	<2	<0.1	14	16	139	<5	25	60	255	11	33	5	4	0.05	2.25	0.33	4.07	0.61	0.10	0.04	0.03
234	L46E 6050N	0.3	205	16	71	138	<5	<3	12	<10	<2	<0.1	15	20	116	<5	27	72	302	9	38	3	4	0.04	2.82	0.45	4.14	0.62	0.09	0.04	0.04
235	L46E 6150N	0.5	88	15	75	<5	<5	<3	6	<10	<2	2.0	13	10	168	<5	22	63	476	18	52	2	4	0.07	1.85	0.87	3.00	0.74	0.10	0.04	0.08
236	L46E 6200N	0.6	98	13	74	42	<5	<3	5	<10	<2	<0.1	9	12	169	<5	23	52	235	15	49	1	3	0.05	1.80	0.58	2.71	0.62	0.07	0.04	0.06
237	L46E 6250N	0.1	37	17	69	<5	<5	<3	4	<10	<2	<0.1	13	9	240	<5	21	92	281	10	30	3	4	0.14	2.08	0.39	3.56	0.72	0.13	0.04	0.03
238	L46E 6300N	0.1	39	13	72	<5	<5	<3	3	<10	<2	<0.1	17	9	239	<5	24	87	421	10	35	3	6	0.14	2.28	0.58	3.79	0.90	0.12	0.04	0.06
239	L46E 6350N	0.2	39	14	80	<5	<5	<3	5	<10	<2	<0.1	21	12	439	<5	25	116	632	16	36	4	6	0.24	2.75	0.58	4.44	1.14	0.32	0.04	0.05
240	L46E 6400N	0.4	35	50	60	<5	<5	<3	3	<10	<2	<0.1	12	14	221	<5	23	58	304	13	34	2	5	0.08	1.69	0.51	2.60	0.65	0.09	0.04	0.06
	Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Max Reported	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00

--=No Test ins=Insufficient Sample m=Estimate/1000 %=Estimate Max=No Estimate

#	Sample #	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%
241	L46E 6450N	0.3	58	18	74	<5	<5	<3	5	<10	<2	<0.1	15	15	426	<5	24	85	392	64	43	2	8	0.06	2.80	0.60	4.01	0.75	0.12	0.04	0.03
242	L46E 6500N	0.2	50	18	72	52	<5	<3	5	<10	<2	<0.1	16	14	194	<5	25	97	375	10	31	3	5	0.07	2.67	0.25	4.55	0.80	0.17	0.04	0.03
243	L46E 6550N	0.8	21	15	73	<5	<5	<3	4	<10	<2	<0.1	15	23	223	<5	34	89	283	6	29	3	3	0.07	2.75	0.30	3.79	0.62	0.07	0.03	0.02
244	L46E 6600N	0.6	35	13	65	<5	<5	<3	3	<10	<2	<0.1	15	23	208	<5	33	63	287	9	21	5	5	0.06	2.71	0.22	2.94	0.70	0.07	0.04	0.03
245	L46E 6650N	0.5	52	36	553	<5	<5	<3	5	<10	<2	<0.1	27	11	281	<5	23	92	2204	18	40	2	5	0.06	3.77	0.21	5.12	0.77	0.19	0.04	0.14
246	L46E 6700N	0.2	25	14	69	<5	<5	<3	3	<10	<2	<0.1	13	19	209	<5	27	70	347	11	28	2	5	0.07	2.37	0.33	2.90	0.71	0.06	0.04	0.04
247	L46E 6750N	0.7	28	29	144	<5	<5	<3	4	<10	<2	<0.1	16	19	292	<5	31	79	572	19	32	2	8	0.08	2.66	0.43	3.50	0.85	0.09	0.04	0.07
248	L46E 6800N	1.0	32	33	195	7	<5	<3	4	<10	<2	<0.1	13	17	288	<5	28	72	368	18	35	2	6	0.07	2.32	0.52	3.32	0.79	0.10	0.04	0.07
249	L46E 6850N	0.3	20	18	90	<5	<5	<3	4	<10	<2	<0.1	16	20	234	5	30	80	484	9	26	3	5	0.10	2.68	0.28	3.24	0.73	0.09	0.04	0.03
250	L46E 6900N	0.8	15	35	167	<5	<5	<3	5	<10	9	<0.1	16	13	458	<5	28	76	3556	13	56	2	8	0.09	2.37	1.07	3.03	0.86	0.10	0.05	0.07
251	L46E 6950N	1.2	15	148	250	<5	<5	<3	5	<10	<2	<0.1	10	6	314	<5	22	76	508	15	37	1	6	0.09	2.20	0.62	2.90	0.65	0.13	0.05	0.08
252	L47E 6000N	0.5	164	21	63	93	<5	<3	12	<10	<2	<0.1	12	18	128	<5	26	57	288	10	41	3	3	0.03	2.14	0.48	3.80	0.58	0.12	0.04	0.03
253	L47E 6050N	0.3	194	16	78	48	<5	<3	12	<10	<2	<0.1	12	16	137	<5	23	65	298	12	40	2	3	0.02	2.22	0.53	3.97	0.52	0.09	0.04	0.04
254	L47E 6100N	0.4	105	13	45	<5	<5	<3	9	<10	<2	<0.1	7	11	73	<5	17	77	151	5	20	1	2	0.05	1.41	0.20	3.41	0.27	0.06	0.04	0.04
255	L47E 6200N	0.4	114	17	87	15	<5	<3	7	<10	<2	<0.1	15	13	132	<5	25	57	492	14	41	1	3	0.04	1.83	0.55	2.88	0.63	0.07	0.04	0.06
256	L47E 6250N	1.2	134	16	75	<5	<5	<3	6	<10	<2	<0.1	14	17	208	<5	27	50	633	20	69	1	3	0.04	1.75	0.79	2.32	0.52	0.08	0.04	0.09
257	L47E 6300N	0.3	58	16	91	<5	<5	<3	5	<10	<2	<0.1	18	11	250	<5	25	84	457	12	31	3	5	0.16	2.33	0.37	3.75	0.87	0.24	0.04	0.06
258	L47E 6350N	0.9	107	21	70	<5	<5	<3	6	<10	<2	<0.1	23	21	616	6	35	116	734	56	59	4	11	0.14	4.38	0.96	5.29	0.87	0.21	0.04	0.05
259	L47E 6400N	0.2	23	14	54	<5	<5	<3	4	<10	<2	<0.1	16	23	244	5	35	88	253	8	14	4	4	0.11	3.23	0.14	3.89	0.65	0.07	0.03	0.02
260	L47E 6450N	0.3	36	18	65	<5	<5	<3	4	<10	<2	<0.1	15	12	318	<5	28	86	748	13	33	3	5	0.08	2.36	0.42	3.40	0.73	0.08	0.04	0.03
261	L47E 6500N	0.2	27	16	55	<5	<5	<3	4	<10	<2	<0.1	14	11	244	<5	21	100	291	8	26	2	4	0.05	2.26	0.21	3.80	0.62	0.08	0.04	0.03
262	L47E 6550N	0.2	18	17	57	<5	<5	<3	4	<10	<2	<0.1	12	10	257	<5	18	80	271	12	24	2	4	0.01	3.07	0.20	3.77	0.74	0.05	0.04	0.01
263	L47E 6600N	0.3	50	10	105	<5	<5	<3	4	<10	6	<0.1	13	11	276	5	25	70	346	17	32	4	7	0.11	1.98	0.50	3.47	0.83	0.15	0.04	0.07
264	L47E 6650N	0.1	35	23	204	<5	<5	<3	6	<10	<2	<0.1	16	9	185	<5	24	111	626	10	43	4	5	0.10	2.70	0.28	4.84	0.86	0.14	0.04	0.03
265	L47E 6700N	0.1	22	15	104	<5	<5	<3	4	<10	<2	<0.1	13	11	185	<5	24	87	473	10	27	2	4	0.08	2.26	0.26	3.39	0.65	0.07	0.03	0.04
266	L47E 6750N	1.8	62	51	215	9	<5	<3	7	<10	<2	<0.1	17	14	322	<5	26	103	449	25	50	3	10	0.10	3.00	0.68	4.86	1.11	0.11	0.04	0.08
267	L47E 6800N	0.8	33	43	202	<5	<5	<3	4	<10	<2	<0.1	18	11	313	<5	24	88	1802	15	56	2	7	0.05	2.44	0.87	3.84	0.97	0.09	0.04	0.10
268	L47E 6900N	0.3	22	27	141	<5	<5	<3	3	<10	<2	<0.1	14	14	334	<5	29	79	542	12	47	2	5	0.10	2.17	0.88	3.19	0.86	0.08	0.04	0.09
269	L47E 6950N	0.2	15	65	230	<5	<5	<3	2	<10	<2	<0.1	15	11	225	6	26	90	364	11	32	4	6	0.15	2.35	0.54	3.52	1.01	0.11	0.04	0.06
270	L47E 7000N	0.3	25	25	116	<5	<5	<3	4	<10	<2	<0.1	16	9	398	<5	23	70	2274	16	56	2	4	0.07	1.50	0.88	2.95	0.58	0.06	0.04	0.08
	Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Max Reported	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00

--=No Test ins=Insufficient Sample m=Estimate/1000 %=Estimate Max=No Estimate

#	Sample #	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%
271	L48E 6000N	0.4	60	14	80	<5	<5	<3	8	<10	<2	<0.1	17	17	250	<5	28	64	887	8	35	1	3	0.03	2.10	0.40	3.41	0.53	0.07	0.04	0.02
272	L48E 6050N	0.4	57	20	90	<5	<5	<3	10	<10	<2	<0.1	12	15	161	<5	24	80	480	10	44	2	2	0.05	1.74	0.67	3.48	0.46	0.09	0.04	0.05
273	L48E 6100N	0.2	58	21	85	50	<5	<3	8	<10	<2	<0.1	15	18	122	<5	32	85	370	9	31	3	4	0.06	2.62	0.40	4.35	0.72	0.09	0.04	0.04
274	L48E 6150N	0.6	135	19	94	51	<5	<3	6	<10	<2	<0.1	14	15	103	5	23	67	420	11	39	2	3	0.03	2.14	0.52	3.56	0.62	0.08	0.04	0.06
275	L48E 6250N	0.3	73	16	82	<5	<5	<3	6	<10	<2	<0.1	11	16	130	<5	27	56	363	12	42	2	3	0.05	1.84	0.50	2.76	0.65	0.07	0.04	0.07
276	L48E 6300N	0.7	86	11	72	<5	<5	<3	4	<10	<2	<0.1	18	14	450	<5	27	67	722	21	67	2	6	0.07	2.27	0.75	3.10	0.73	0.15	0.04	0.07
277	L48E 6350N	0.3	18	16	62	<5	<5	<3	4	<10	<2	<0.1	14	14	131	<5	27	116	225	6	13	3	3	0.14	2.54	0.11	4.62	0.59	0.07	0.03	0.03
278	L48E 6400N	0.1	27	12	48	<5	<5	<3	4	<10	<2	<0.1	12	16	181	<5	30	87	229	6	19	3	3	0.06	2.50	0.21	3.61	0.53	0.06	0.03	0.03
279	L48E 6450N	0.1	25	15	52	<5	<5	<3	3	<10	<2	<0.1	14	21	173	<5	38	70	333	12	20	7	6	0.08	2.65	0.17	3.06	0.63	0.05	0.04	0.03
280	L48E 6500N	0.1	33	14	69	<5	<5	<3	5	<10	<2	<0.1	21	23	206	<5	33	105	469	8	19	6	5	0.14	3.63	0.19	4.58	0.90	0.13	0.04	0.04
281	L48E 6550N	0.2	63	12	80	<5	<5	<3	4	<10	<2	<0.1	19	13	236	<5	22	80	565	15	29	3	5	0.11	1.96	0.34	3.75	0.86	0.15	0.04	0.08
282	L48E 6600N	0.2	46	17	89	84	<5	<3	5	<10	<2	<0.1	21	19	189	<5	30	89	583	11	19	4	4	0.08	3.33	0.16	4.22	0.76	0.13	0.03	0.05
283	L48E 6650N	0.2	37	17	165	34	<5	<3	5	<10	<2	<0.1	15	10	190	<5	21	78	564	15	37	3	5	0.10	1.87	0.46	3.58	0.87	0.13	0.04	0.06
284	L48E 6700N	0.2	47	16	119	<5	<5	<3	4	<10	<2	<0.1	16	20	310	<5	31	82	510	27	37	3	8	0.09	2.40	0.42	3.58	0.91	0.10	0.04	0.04
285	L48E 6750N	1.3	39	47	310	8	<5	<3	5	<10	<2	<0.1	17	11	287	<5	25	84	801	19	49	3	8	0.10	2.46	0.70	4.00	0.89	0.14	0.03	0.05
286	L48E 6800N	1.1	20	52	254	30	<5	<3	4	<10	<2	<0.1	16	12	255	<5	24	85	1424	13	38	2	7	0.08	2.23	0.63	4.18	0.94	0.10	0.04	0.07
287	L48E 6850N	0.7	33	42	199	<5	<5	<3	3	<10	<2	<0.1	15	17	295	<5	31	87	408	22	35	3	9	0.10	2.58	0.56	3.55	0.97	0.10	0.04	0.05
288	L48E 6900N	0.6	26	72	232	<5	<5	<3	6	<10	<2	<0.1	25	14	410	<5	29	93	2208	15	51	2	7	0.10	2.26	0.99	3.93	0.92	0.11	0.04	0.09
289	L48E 6950N	0.3	17	60	280	<5	<5	<3	3	<10	<2	<0.1	16	13	268	<5	24	91	790	13	44	3	7	0.13	2.10	0.74	3.86	1.01	0.10	0.04	0.08
290	L48E 7000N	0.9	19	88	284	<5	<5	<3	3	<10	<2	<0.1	16	10	365	<5	21	82	1228	11	62	3	6	0.11	1.83	1.10	3.30	0.86	0.12	0.04	0.06
291	L49E 6000N	0.3	60	14	57	<5	<5	<3	6	<10	<2	<0.1	12	18	111	<5	30	64	318	7	32	3	3	0.06	1.85	0.56	2.95	0.69	0.09	0.04	0.02
292	L49E 6050N	0.3	41	16	79	5	<5	<3	5	<10	<2	<0.1	14	15	200	<5	29	63	608	8	48	2	3	0.03	1.91	0.57	3.20	0.62	0.11	0.04	0.02
293	L49E 6100N	0.2	45	24	88	<5	<5	<3	7	<10	<2	<0.1	14	14	94	<5	26	68	600	12	22	1	3	0.02	2.01	0.41	3.39	0.47	0.06	0.03	0.06
294	L49E 6150N	0.2	71	32	109	14	<5	<3	6	<10	<2	<0.1	15	19	111	<5	26	62	451	8	23	3	3	0.02	2.22	0.28	3.66	0.63	0.07	0.03	0.03
295	L49E 6250N	0.3	77	16	100	31	<5	<3	8	<10	<2	<0.1	11	10	92	<5	20	53	500	14	63	2	3	0.03	1.61	0.69	3.00	0.52	0.07	0.04	0.07
296	L49E 6350N	0.3	55	13	66	8	<5	<3	5	<10	<2	<0.1	10	12	151	<5	26	57	231	10	33	1	3	0.04	2.10	0.37	2.63	0.66	0.06	0.03	0.06
297	L49E 6400N	0.3	48	14	61	<5	<5	<3	4	<10	<2	<0.1	13	15	244	5	29	81	405	21	33	2	5	0.09	2.70	0.38	3.44	0.65	0.11	0.03	0.05
298	L49E 6450N	0.6	330	27	175	347	<5	<3	8	<10	<2	<0.1	42	12	408	<5	24	139	983	24	76	7	8	0.21	5.10	0.21	6.25	1.10	0.62	0.06	0.08
299	L49E 6500N	0.1	57	11	71	<5	<5	<3	3	<10	<2	<0.1	15	12	230	<5	25	74	442	14	26	3	4	0.12	1.82	0.33	3.26	0.81	0.15	0.04	0.06
300	L49E 6550N	0.2	30	16	59	<5	<5	<3	5	<10	2	<0.1	14	11	160	<5	25	108	380	8	20	3	3	0.10	2.16	0.17	4.13	0.54	0.08	0.03	0.03
	Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Max Reported	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00

--=No Test   ins=Insufficient Sample   m=Estimate/1000   %=Estimate   Max=No Estimate

#	Sample #	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%
301	L49E 6600N	0.4	65	13	109	<5	<5	<3	4	<10	<2	<0.1	15	15	353	<5	29	84	514	22	37	4	8	0.12	2.22	0.52	3.59	0.89	0.19	0.04	0.07
302	L49E 6650N	0.2	29	14	92	<5	<5	<3	3	<10	<2	<0.1	13	14	251	<5	26	72	306	12	33	2	5	0.10	2.19	0.51	2.98	0.82	0.07	0.04	0.06
303	L49E 6700N	0.5	41	52	244	29	<5	<3	5	<10	<2	<0.1	17	17	306	<5	29	94	720	13	43	2	5	0.10	2.64	0.56	4.21	0.87	0.17	0.03	0.06
304	L49E 6750N	0.4	35	24	182	46	<5	<3	3	<10	<2	<0.1	13	8	278	<5	21	69	661	11	54	2	4	0.08	1.71	0.63	3.03	0.71	0.11	0.04	0.05
305	L49E 6800N	0.2	19	46	205	<5	<5	<3	4	<10	<2	<0.1	14	12	222	<5	24	87	531	10	27	2	5	0.07	2.39	0.31	3.51	0.81	0.11	0.03	0.02
306	L49E 6850N	2.2	37	38	72	<5	<5	<3	3	<10	<2	0.1	11	14	451	<5	25	49	507	83	82	2	6	0.04	2.56	1.29	2.14	0.48	0.08	0.04	0.11
307	L49E 6900N	0.2	19	68	142	<5	<5	<3	3	<10	<2	<0.1	13	15	227	<5	26	80	332	12	29	2	5	0.09	2.19	0.43	2.78	0.85	0.07	0.03	0.03
308	L49E 7000N	2.2	17	171	324	48	<5	<3	4	<10	<2	<0.1	18	11	333	<5	25	94	1552	11	42	2	7	0.09	2.30	0.59	3.86	0.94	0.12	0.03	0.06
309	L50E 6000N	0.5	55	17	69	<5	<5	<3	5	<10	<2	<0.1	11	16	189	<5	27	79	440	10	26	2	3	0.05	2.05	0.30	3.34	0.53	0.08	0.03	0.03
310	L50E 6050N	0.3	41	18	77	<5	<5	<3	4	<10	<2	<0.1	14	24	194	<5	33	79	302	6	23	3	3	0.05	2.64	0.21	3.89	0.66	0.07	0.03	0.03
311	L50E 6100N	0.3	28	9	33	<5	<5	<3	2	<10	<2	<0.1	3	5	95	<5	12	31	94	13	20	<1	1	0.01	1.13	0.24	1.27	0.14	0.04	0.03	0.05
312	L50E 6150N	0.2	19	16	58	<5	<5	<3	3	<10	<2	<0.1	5	10	81	<5	18	24	188	6	28	1	1	0.03	0.99	0.45	1.35	0.31	0.05	0.04	0.07
314	L50E 6200N	1.2	179	17	50	<5	<5	<3	5	<10	<2	<0.1	7	10	107	<5	15	30	353	33	116	4	2	0.02	1.40	2.06	1.84	0.28	0.05	0.03	0.10
315	L50E 6250N	0.6	90	15	86	81	<5	<3	9	<10	<2	<0.1	8	8	77	<5	19	56	237	13	37	2	2	0.01	1.64	0.48	2.85	0.44	0.08	0.03	0.07
316	L50E 6300N	0.6	176	26	114	40	<5	<3	9	<10	<2	<0.1	22	17	124	<5	27	88	502	15	31	3	6	0.07	2.98	0.42	4.43	0.86	0.10	0.04	0.07
317	L50E 6350N	2.2	265	33	83	77	<5	<3	9	<10	<2	<0.1	15	17	159	<5	30	70	237	33	43	3	6	0.05	2.53	0.57	3.41	0.70	0.08	0.04	0.12
318	L50E 6400N	0.4	86	17	82	<5	<5	<3	5	<10	<2	<0.1	11	16	178	5	29	73	214	21	31	3	6	0.06	2.51	0.51	3.17	0.82	0.08	0.04	0.09
319	L50E 6450N	0.4	50	20	81	16	<5	<3	5	<10	<2	<0.1	14	13	198	<5	30	85	276	16	36	3	7	0.11	2.60	0.44	3.69	0.84	0.11	0.04	0.07
320	L50E 6500N	0.3	47	20	91	62	<5	<3	5	<10	<2	<0.1	18	13	237	<5	26	87	685	15	33	3	6	0.16	2.34	0.37	3.69	0.91	0.19	0.05	0.04
321	L50E 6600N	0.8	50	18	85	<5	<5	<3	3	<10	<2	<0.1	13	12	583	<5	20	54	1082	33	107	2	4	0.05	1.81	1.34	2.27	0.49	0.11	0.04	0.10
322	L50E 6650N	0.8	39	18	114	<5	<5	<3	5	<10	<2	<0.1	16	11	341	<5	22	76	813	24	60	3	6	0.11	2.25	1.05	3.14	0.78	0.14	0.04	0.08
323	L50E 6700N	0.2	22	27	174	<5	<5	<3	3	<10	<2	<0.1	15	12	216	<5	27	82	513	11	32	3	5	0.13	2.14	0.46	3.19	0.78	0.11	0.04	0.04
313	L50E 6750N	0.4	81	30	141	<5	<5	<3	5	<10	<2	<0.1	13	16	113	<5	25	77	673	12	29	2	3	0.02	2.49	0.33	4.12	0.61	0.09	0.03	0.06
324	L50E 6850N	1.4	23	58	203	<5	<5	<3	4	<10	<2	<0.1	15	11	372	<5	27	83	755	26	54	3	8	0.08	2.59	0.84	3.27	0.80	0.09	0.04	0.08
325	L50E 7000N	0.1	15	20	89	<5	<5	<3	3	<10	<2	<0.1	14	10	351	<5	22	95	497	11	55	4	6	0.17	2.11	0.44	3.26	0.77	0.14	0.04	0.05
326	L51E 6000N	0.3	72	24	75	<5	<5	<3	6	<10	<2	<0.1	19	29	131	<5	39	75	336	10	32	4	5	0.07	3.57	0.33	3.74	0.71	0.08	0.04	0.04
327	L51E 6050N	0.3	60	20	70	<5	<5	<3	5	<10	<2	<0.1	14	17	150	<5	33	76	314	16	37	3	5	0.08	2.86	0.47	3.33	0.66	0.07	0.04	0.04
328	L51E 6250N	0.6	72	18	87	<5	<5	<3	5	<10	<2	<0.1	13	14	138	<5	29	54	619	17	70	3	4	0.05	1.90	1.02	2.27	0.55	0.07	0.05	0.11
329	L51E 6300N	0.7	81	21	69	<5	<5	<3	6	<10	<2	<0.1	17	15	139	<5	28	49	603	16	69	2	3	0.04	1.71	1.00	2.09	0.50	0.06	0.05	0.11
330	L51E 6400N	0.3	62	18	78	<5	<5	<3	7	<10	<2	<0.1	12	14	142	<5	27	67	245	17	36	3	5	0.05	2.29	0.52	3.29	0.68	0.07	0.05	0.07
	Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Max Reported	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00

--=No Test ins=Insufficient Sample m=Estimate/1000 %=Estimate Max=No Estimate

#	Sample #	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%
331	L51E 6450N	0.4	41	17	76	<5	<5	<3	4	<10	<2	<0.1	8	10	121	<5	23	63	168	13	31	2	4	0.04	2.00	0.45	2.49	0.61	0.06	0.04	0.07
332	L51E 6500N	0.4	17	9	68	<5	<5	<3	2	<10	<2	<0.1	7	9	131	<5	18	45	193	11	29	1	4	0.07	1.53	0.38	1.82	0.54	0.06	0.04	0.05
333	L51E 6700N	0.3	21	12	91	<5	<5	<3	4	<10	<2	<0.1	11	12	182	<5	23	67	283	11	22	2	4	0.11	1.99	0.33	2.60	0.63	0.07	0.04	0.04
334	L51E 6750N	0.4	22	17	207	<5	<5	<3	3	<10	<2	<0.1	10	9	318	<5	18	58	456	11	65	2	4	0.09	1.78	0.95	2.48	0.60	0.10	0.04	0.04
335	L51E 6800N	1.1	36	50	77	<5	<5	<3	2	<10	<2	1.3	6	12	319	<5	21	38	148	21	66	1	3	0.06	1.69	0.84	1.73	0.36	0.07	0.04	0.07
336	L51E 6850N	0.6	16	58	144	<5	<5	<3	3	<10	<2	<0.1	14	9	321	<5	22	68	515	17	46	2	6	0.13	2.07	0.70	2.55	0.72	0.09	0.05	0.07
337	L51E 6900N	0.8	24	86	106	<5	<5	<3	3	<10	<2	0.1	10	13	364	<5	24	70	356	24	45	2	4	0.10	2.24	0.53	2.52	0.57	0.09	0.05	0.05
338	L51E 7000N	0.1	11	15	53	<5	<5	<3	4	<10	<2	<0.1	10	8	87	<5	22	102	290	10	19	3	3	0.22	1.69	0.22	2.60	0.53	0.11	0.04	0.02
339	L52E 6000N	0.1	43	30	140	<5	<5	<3	6	<10	<2	<0.1	19	30	153	<5	38	85	420	11	24	6	5	0.08	3.82	0.31	4.50	0.74	0.07	0.04	0.04
340	L52E 6150N	0.2	19	16	65	<5	<5	<3	2	<10	<2	<0.1	6	10	86	<5	21	32	207	8	32	1	2	0.05	1.25	0.50	1.58	0.38	0.05	0.04	0.07
341	L52E 6400N	0.1	18	13	63	<5	<5	<3	3	<10	<2	<0.1	8	11	122	<5	25	49	155	10	33	2	4	0.07	1.75	0.51	2.11	0.57	0.05	0.04	0.05
342	L52E 6450N	0.2	21	14	66	<5	<5	<3	3	<10	<2	<0.1	14	11	129	<5	26	57	431	10	31	2	3	0.07	1.84	0.45	2.45	0.58	0.06	0.04	0.06
344	L58N 4340E	0.4	83	18	72	<5	<5	<3	8	<10	<2	<0.1	15	17	130	<5	25	94	275	8	45	2	5	0.06	2.87	0.54	3.87	0.66	0.12	0.04	0.03
345	L58N 4360E	0.6	188	24	81	7	<5	<3	9	<10	<2	<0.1	22	23	159	5	32	91	347	14	65	5	7	0.08	4.05	0.79	4.39	0.86	0.15	0.05	0.04
346	L58N 4380E	0.3	104	21	73	<5	<5	<3	9	<10	<2	<0.1	19	21	148	<5	30	100	364	10	53	4	5	0.07	3.46	0.74	4.31	0.71	0.15	0.04	0.04
347	L58N 4400E	0.5	117	16	65	37	<5	<3	7	<10	<2	<0.1	17	16	117	<5	27	79	271	11	67	4	6	0.07	3.26	0.76	3.82	0.81	0.11	0.05	0.02
348	L58N 4420E	0.5	187	21	75	154	<5	<3	7	<10	<2	<0.1	15	13	102	<5	25	71	285	19	69	6	6	0.09	2.78	0.76	3.82	0.81	0.14	0.06	0.03
349	L58N 4440E	0.4	111	17	69	211	<5	<3	7	<10	<2	<0.1	14	12	107	<5	22	68	259	13	62	3	4	0.05	2.48	0.66	4.01	0.65	0.19	0.05	0.04
350	L58N 4460E	0.5	154	19	102	<5	<5	<3	7	<10	<2	<0.1	19	17	152	<5	24	73	591	14	63	3	5	0.06	2.68	0.64	3.55	0.58	0.13	0.05	0.05
351	L58N 4480E	0.3	131	19	73	42	<5	<3	7	<10	<2	<0.1	19	17	111	<5	25	72	273	9	41	5	5	0.07	2.93	0.42	3.92	0.76	0.13	0.05	0.03
352	L58N 4500E	0.5	120	15	76	23	<5	<3	7	<10	<2	<0.1	11	18	195	<5	26	69	261	13	40	2	4	0.03	2.58	0.51	3.21	0.62	0.12	0.03	0.04
353	L58N 4520E	0.4	59	17	63	6	<5	<3	5	<10	<2	<0.1	14	20	156	<5	31	76	274	7	34	3	4	0.05	2.66	0.35	3.62	0.67	0.09	0.03	0.02
354	L58N 4540E	0.4	74	14	56	44	<5	<3	5	<10	<2	<0.1	13	18	149	<5	31	64	281	10	33	5	4	0.05	2.27	0.40	3.13	0.68	0.08	0.03	0.02
355	L58N 4560E	0.3	45	14	49	<5	<5	<3	4	<10	<2	<0.1	12	18	134	<5	29	65	255	9	28	4	4	0.07	1.93	0.36	2.74	0.61	0.06	0.03	0.03
356	L58N 4580E	0.4	57	16	77	131	<5	<3	8	<10	<2	<0.1	13	16	167	5	29	84	320	8	31	4	4	0.03	2.79	0.34	4.15	0.68	0.08	0.03	0.03
357	L58N 4600E	0.2	81	17	87	35	<5	<3	7	<10	<2	<0.1	12	13	108	<5	26	79	359	9	25	3	4	0.01	2.72	0.25	4.06	0.71	0.09	0.03	0.02
358	L60E 6800N	0.2	20	31	132	<5	<5	<3	3	<10	<2	<0.1	14	14	272	<5	26	83	469	12	36	3	5	0.14	2.34	0.55	3.11	0.85	0.10	0.04	0.04
359																															
360																															
	Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Max Reported	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00

--=No Test ins=Insufficient Sample m=Estimate/1000 %=Estimate Max=No Estimate

Appendix III

Rock Sample Descriptions

SEVERANCE PROPERTY - Rock Sample Descriptions

Sample#	NAD 27 UTM Easting	NAD 27 UTM Northing	Rock Type	Comments
SEV02-01	624439	6915887	Granodiorite	Silicified and chloritized granodiorite with 1 to 2 % disseminated pyrite and minor pyrite on fractures.
SEV02-02	624343	6915788	Granodiorite	Angular, intrusive, float boulder (<15 cm) with variable, patchy chlorite alteration and weak silicification. Up to 1% disseminate pyrite, minor Fe-Ox staining.
SEV02-03	624374	6915770	Intermediate Dyke	Dark green, fine-grained, angular slab of float (20x20x5 cm). Possibly from dyke? Non-magnetic. Contains 40% mafic minerals and 60% felsic. Up to 2 % disseminated py.
SEV02-04	624413	6915802	Granodiorite	Angular float boulder (<15 cm). Weakly altered granodiorite - mafics are chloritized with pyrite in chl and minor Si of matrix. 3% disseminated and clotty pyrite in chlorite patches. Sample from L5800N/4420E
SEV02-05	624441	6915803	Granodiorite	Angular float boulder (<15 cm) of altered granodiorite. Moderately silicified, weak clay alteration of feldspars, mafics are chloritized. Up to 3% disseminated pyrite.
SEV02-06	624498	6915816	Hb Granodiorite	Weakly altered Hb-granodiorite float boulder (20x20x20cm). Minor silicification with mafics slightly chloritized and minor limonite staining with 3-4% disseminated pyrite.
SEV02-07	624980	6916123	Quartz-Plag Porph	Small boulder just below peak on the east side of the property. Quartz-plagioclase prophyry (dacite?). Pyrite filled micro-fracture and traces of dissem. Py. Minor chlorite alteration.
SEV02-08	624981	6916163	Quartz-Plag Porph	Angular float boulder near peak. Quartz,plagioclase porphyritic dacite?. 3% pyrite in clots with epidote and minor chlorite alteration.
SEV02-09	623836	6915801	Hb Granodiorite	small angular cobbles (<10 cm) of hornblende granodiorite with up to 1% disseminated py. Weak silicification.
SEV02-10	623362	6915890	Granodiorite	Small angular gravel/boulders from sample pit. Variably bleached and silicified intrusive rock (granodiorite?). Traces of sulphides.
SEV02-11	623355	6916145	Monzonite	Large angular boulder (20x20x20 cm) on west side of the west ridge. Numerous boulders of monzonite on ridge. Altered with 0.5 cm Fe-rich (Goethite?) vein and trace of py.
SEV02-12	623350	6916162	Granodiorite	Contact metasomatized intrusive rock (granodiorite?), large angular boulder (30x30x30 cm). Crosscut in 2 directions by feldspar-quartz veins, pervasively chloritized and silicified. Silica has sugary texture. 1% bladed silvery sulphide (arsenopyrite?).
SEV02-13	623508	6916294	Hb Granodiorite	Talus boulders of contact metasomatized hornblende granodiorite. Contain 5%, 2 - 3 mm wide quartz veins. Pervasive chloritization and silicification with 1 - 3 % disseminated pyrite.
SEV02-14	624705	6916106	Granodiorite	Angular boulder (15x20x15 cm) from soil sample pit at L4700E/6100N. Silicified intrusive with quartz veins and up to 7% pyrite in veins and pervasive disseminations.
SEV02-15	625102	6916000	Granodiorite	Float boulder (<15 cm) from soil sample pit at L5100E/6000N. Silicified intrusive (granodiorite?) with up to 5% disseminated pyrite and pyrite on microfractures.

Appendix IV

Statement of Expenditures

Wages		
Project preparation and Field Work		
Scott Casselman	- 12 days @ $440	5,280.00
John Bogle	- 12 days @ $250	3,000.00
Report Writing		
Scott Casselman	–10 days @ $440	4,400.00
Helicopter Charter	- 6.3 hrs @ $ 1146.9	7,225.66
Fixed Wing Charter		2,903.62
Sample Analysis	- 343 soils samples @ $20.90	7,168.70
	- 15 rock samples @ $32.97	494.55
Expediting	- Rat River Resources	245.00
Meals	- 22 man days @ $35	770.00
Fuel		92.33
Consumables	- flagging, sample bags, etc	219.00
Phone Charges		65.00
Camp equipment rental	- 11 days @ $120	1,320.00
Vehicle Rental	- 2 days @ $100	200.00
Mobilization charges	- 500 km @ $0.42	210.00
Map purchases and reproduction		478.70
Report costs		300.00
	Total	**34,372.56**

PROFESSIONAL PROVINCE OF BRITISH COLUMBIA

Dec 12, 2002

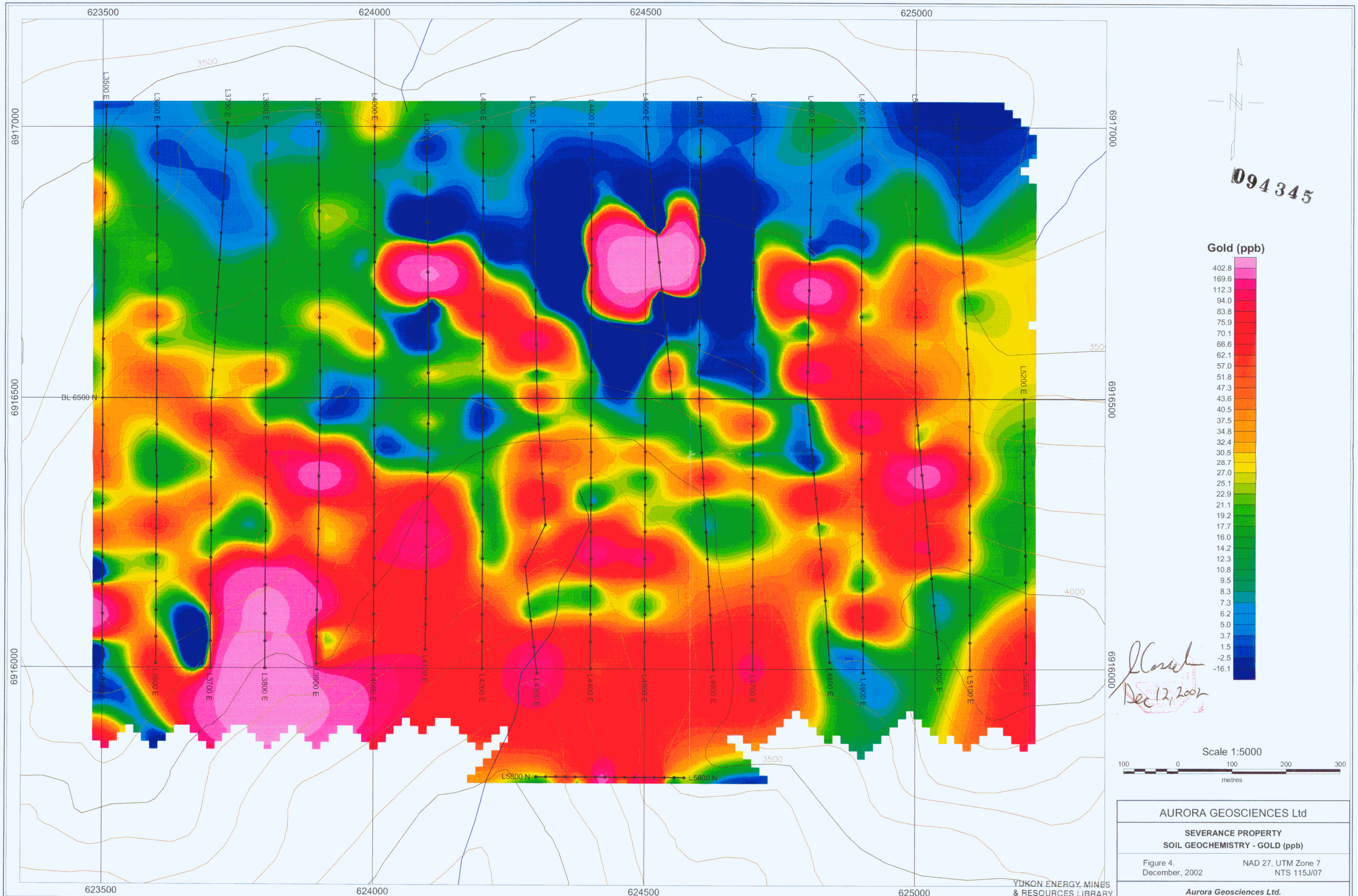
Appendix V

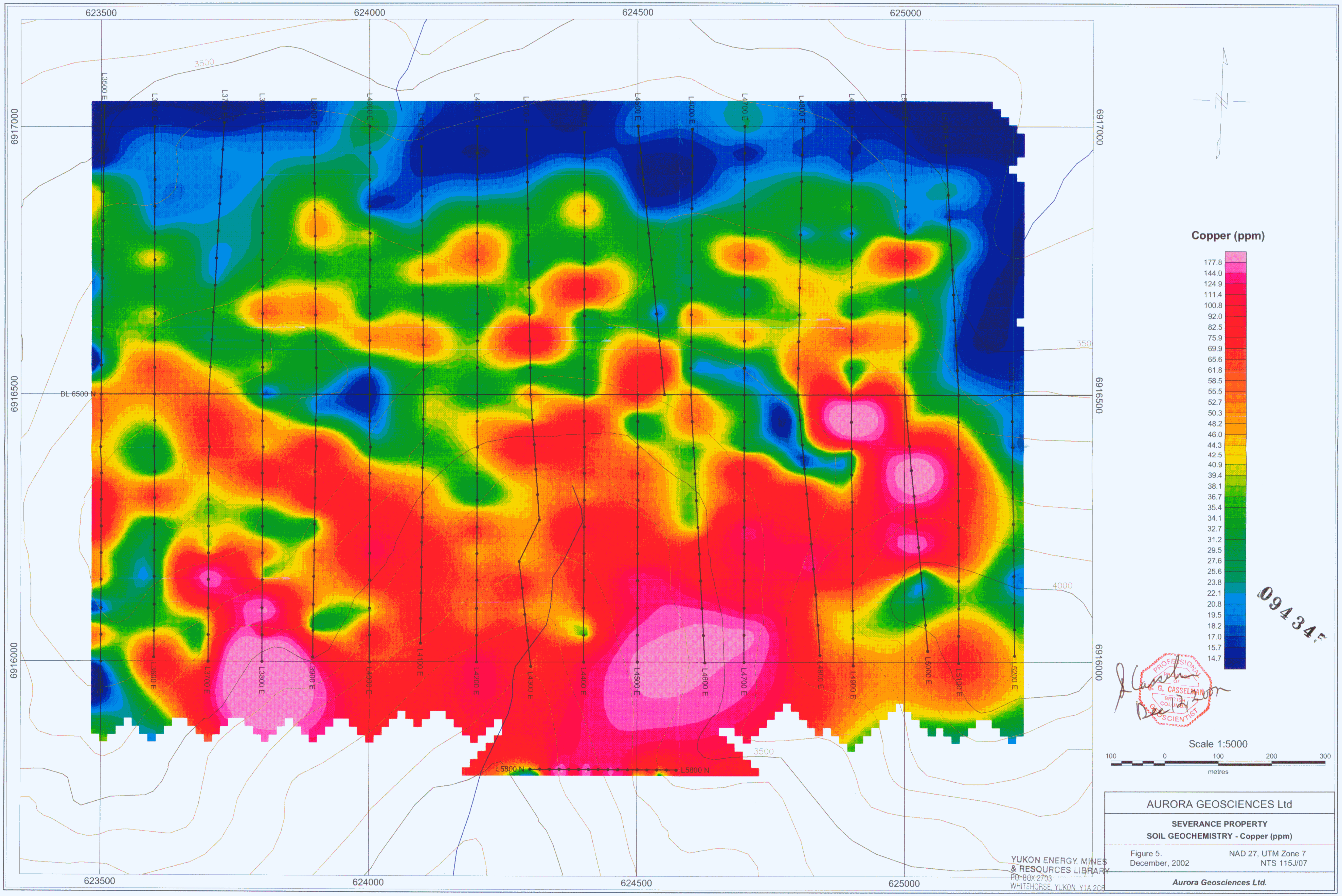
SEVERANCE PROJECT

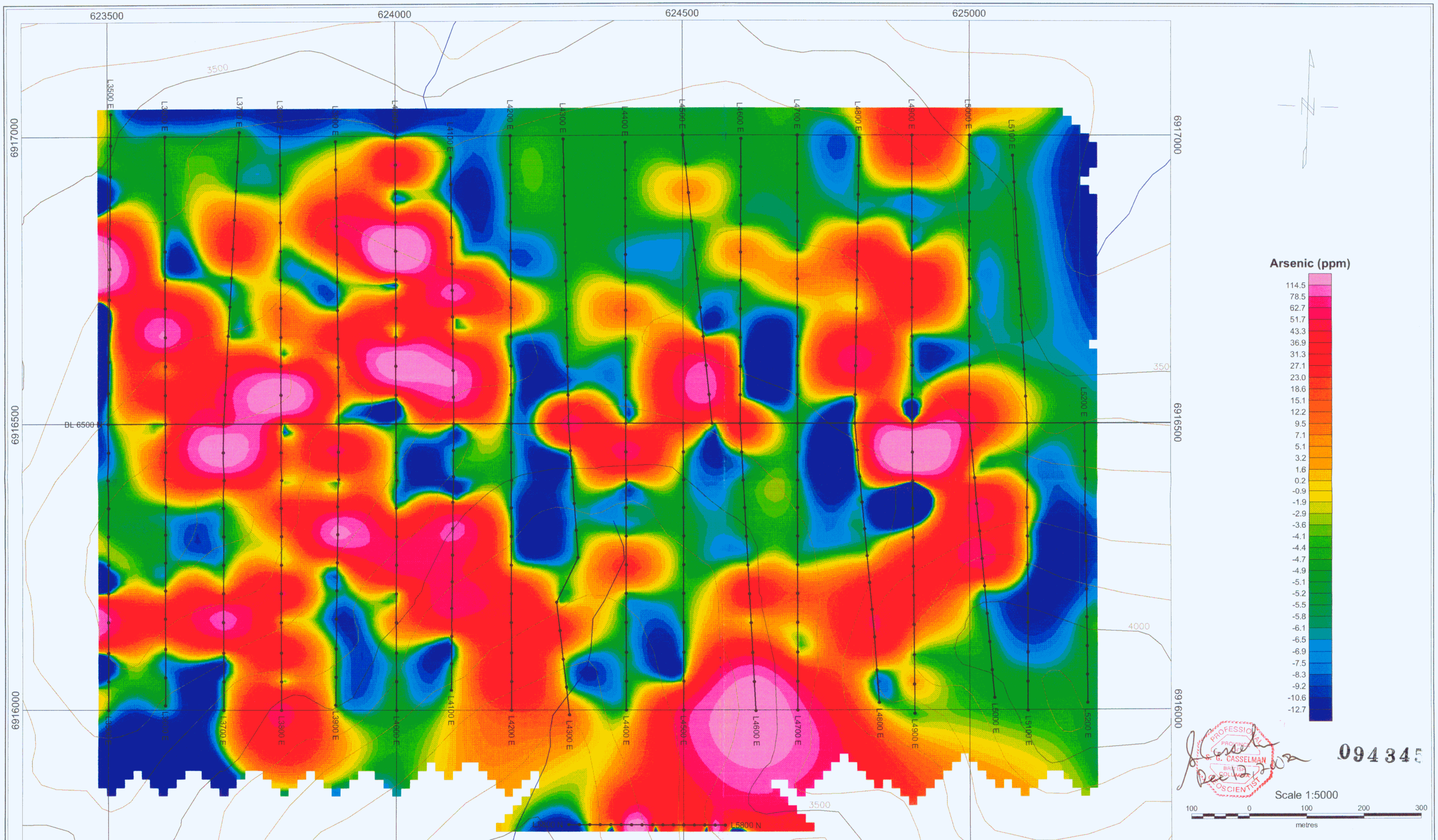
CREW LOG

Crew: Scott Casselman (SC) - Geologist
John Bogle (JB) - Assistant

June 10	SC and JB prep and pack gear in warehouse, shop for groceries and supplies, deliver gear to Big Salmon Air in afternoon.
June 11	Pickup JB and Mary Fitton at 6:00 am and drive to Carmacks. JB and SC board helicopter and fly to property to begin staking. MF drives remaining gear to airport and waits for Big Salmon to arrive. Mary and remaining gear fly to Rude Creek airstrip. Big Salmon flys load from Whitehorse to Rude Creek then goes to Carmacks to pickup last load and Mary. Helicopter shuttles gear from Rude Creek to campsite. Helicopter brings Mary to property to notarize claim forms then returns her to Carmacks and she drives back to Whitehorse. SC and JB finish staking at 3:30 and start to setup camp.
June 12	finish setting up camp in AM. Start cutting baseline in afternoon. Complete 800 m of baseline.
June 13	Finish baseline at 2:00 pm (1.2 km) and put in south side of lines 3500 E and 3600 E. Clear away moss to allow permafrost to thaw at sample sites on mountain plateau.
June 14	JB continues flagging lines and clearing moss from sample sites on north side of grid on plateau. SC traverses east of camp, mapping and prospecting. One rock sample collected.
June 15	JB flags and clears moss on grid, SC traverses north of camp. Seven rock samples collected.
June 16	JB finishes running line and clearing moss on northeastern part of grid. SC traverses west and northwest of camp. Five rock samples collected.
June 17	JB starts soil sampling on south side of lines 3900 E, 4200E and 4300E. SC traverses far northern ridge and loops southeast and south of camp. 33 soil samples collected, no rock samples.
June 18	JB auger samples on south central part of grid. SC soil samples line up slope from camp and starts on the western part of the grid. Total of 107 soil samples collected.
June 19	JB auger samples northern grid area, SC soil samples southern grid lines. 107 soil samples collected, 1 rock sample collected.
June 20	Make arrangements for demob on June 21 in morning. JB auger samples northeastern grid area, SC soil samples southeastern grid area. Finish grid at 6:00 pm. Approximately 108 samples collected. Prep for demob in evening.
June 21	Prep for demob. Helicopter arrives at 12:30. In Carmacks at 3:30 – drive to Whitehorse at 7:30.


623500
624000
624500
625000
6917000
6916500
6916000
DL 6500 N
L5800 N
Gold (ppb)
402.8
169.6
112.3
94.0
83.8
75.9
70.1
66.6
62.1
57.0
51.8
47.3
43.6
40.5
37.5
34.8
32.4
30.5
28.7
27.0
25.1
22.9
21.1
19.2
17.7
16.0
14.2
12.3
10.8
9.5
8.3
7.3
6.2
5.0
3.7
1.5
-2.5
-16.1
094345
Dec 12, 2002
Scale 1:5000
100 0 100 200 300
metres
AURORA GEOSCIENCES Ltd
SEVERANCE PROPERTY
SOIL GEOCHEMISTRY - GOLD (ppb)
Figure 4.
December, 2002
NAD 27, UTM Zone 7
NTS 115J/07
Aurora Geosciences Ltd.


623500
624000
624500
625000
6917000
6916500
6916000
BL 6500 N
L5800 N
3500
4000
Copper (ppm)
177.8
144.0
124.9
111.4
100.8
92.0
82.5
75.9
69.9
65.6
61.8
58.5
55.5
52.7
50.3
48.2
46.0
44.3
42.5
40.9
39.4
38.1
36.7
35.4
34.1
32.7
31.2
29.5
27.6
25.6
23.8
22.1
20.8
19.5
18.2
17.0
15.7
14.7
Scale 1:5000
100 0 100 200 300
metres
AURORA GEOSCIENCES Ltd
SEVERANCE PROPERTY
SOIL GEOCHEMISTRY - Copper (ppm)
Figure 5.
December, 2002
NAD 27, UTM Zone 7
NTS 115J/07
Aurora Geosciences Ltd.



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SEVERANCE PROPERTY
SOIL GEOCHEMISTRY - Arsenic (ppm)

Figure 6.
December, 2002

NAD 27, UTM Zone 7
NTS 115J/07

Aurora Geosciences Ltd.

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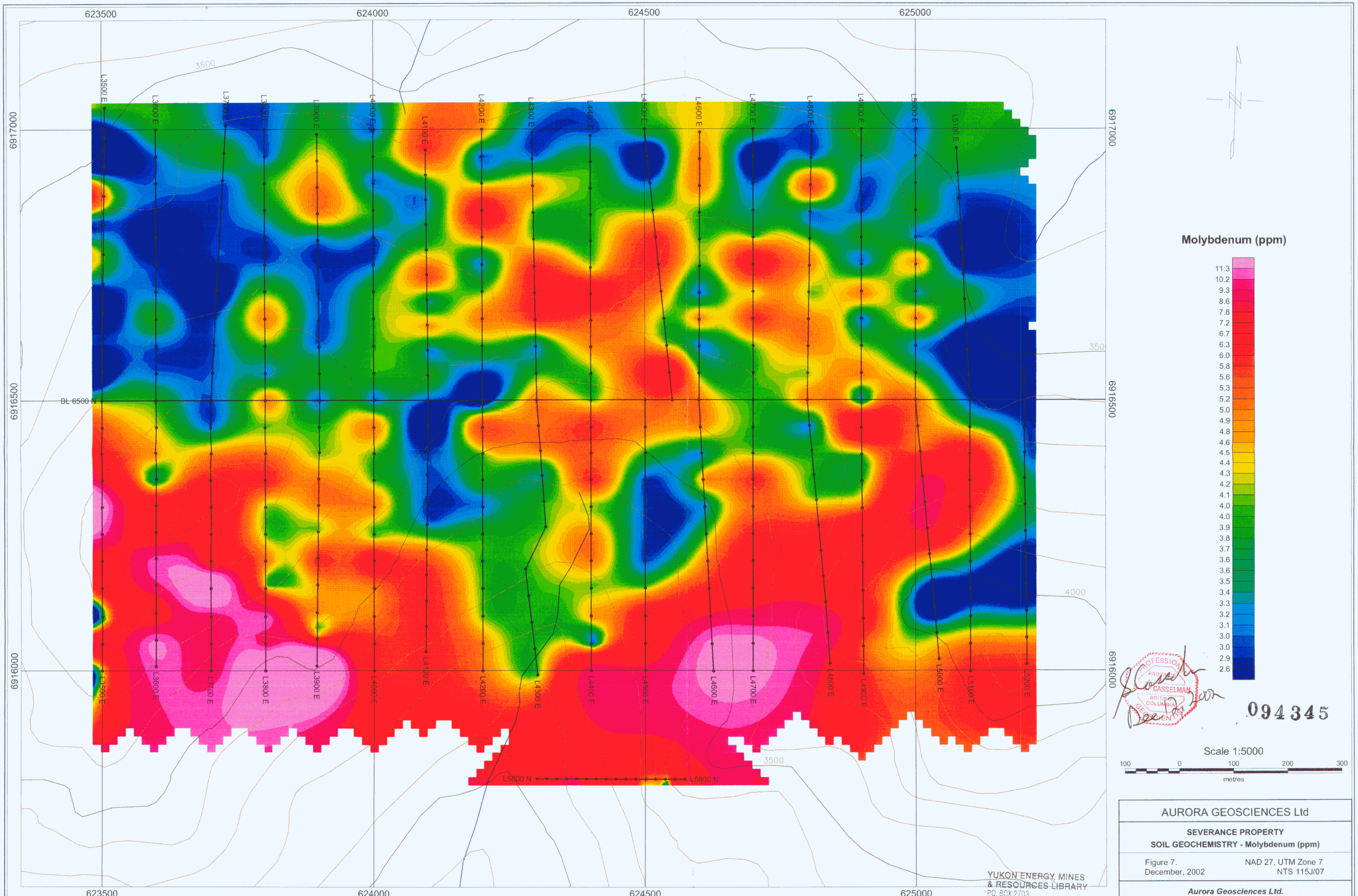

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SOIL GEOCHEMISTRY - Molybdenum (ppm)

Figure 7. NAD 27, UTM Zone 7

December, 2002 NTS 115J/07

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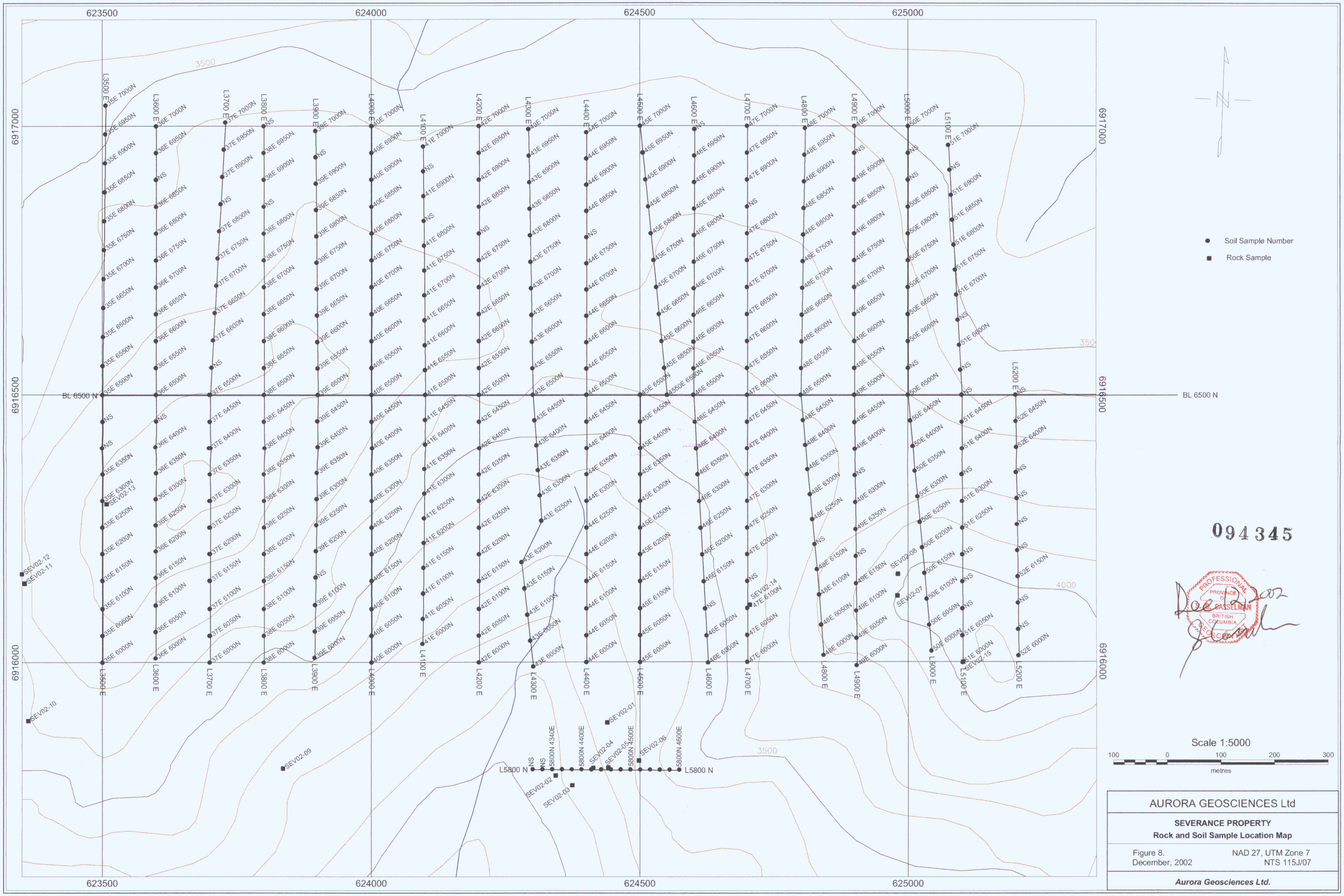

623500
624000
624500
625000
6917000
6916500
6916000
BL 6500 N
L5800 N
Soil Sample Number
Rock Sample
094345
Scale 1:5000
100 0 100 200 300
metres
AURORA GEOSCIENCES Ltd
SEVERANCE PROPERTY
Rock and Soil Sample Location Map
Figure 8.
December, 2002
NAD 27, UTM Zone 7
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094345

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SEVERANCE PROPERTY

PROPERTY GEOLOGY MAP

Figure 9. NAD 27, UTM Zone 7
December, 2002 NTS 115J/07

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