

**BC Geological Survey
Assessment Report
31106**

**ASSESSMENT REPORT ON 2009 SOIL GEOCHEMICAL
SAMPLING PROGRAM, NECHAKO OPTION
KLUSKUS AREA, BRITISH COLUMBIA, CANADA**

**Omineca Mining Division
Map Sheets 093F 37, 38, 47, 48
53° 24' 13" North Latitude, 124° 36' 33" West Longitude
UTM Coordinates of 390,500 mE and 5,915,600 mN, NAD'83 Zone 10**

**FOR
(Operator)**

TTM RESOURCES INC.

NECHAKO OPTION (CHU PROJECT AREA)

202 - 750 West Pender Street
Vancouver, BC V6C 2T7

(Optionee)

Nechako Minerals Corp.
200 - 375 Water Street
Vancouver, BC V6C 1G8

Wesley Raven, P. Geo
Christopher Fozard, B. Sc.
Jason Courneyea, B. Sc.

October 2, 2009

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2.0 SUMMARY

The Nechako Option is comprised of five contiguous mineral claims under option to TTM Resources Inc., located in the Omineca Mining Division. The property is centered at 53° 24' 13" North Latitude, 124° 36' 33" West Longitude (Figure 1). The property is located approximately 75 kilometers southwest of Vanderhoof, BC and is accessible by the Kluskus-Ootsa Forest Service Road, an all season gravel road to km 91, and then via the un-maintained Brewster Lakes Forest Service road. The nearby community of Vanderhoof can provide all necessary equipment and personnel for advanced exploration and development. The city of Prince George, a 2.5 hour drive from the property is the largest city in central BC and could provide any equipment not available in Vanderhoof.

The Chu property lies near the south end of the Nechako Range of the Intermontane Physiographic Province of Central British Columbia. The area comprises gentle slopes that rise to 1,500 meters elevation and broad flat valleys with meandering and slow-flowing underfit streams that are tributary to the Nechako River system. Water is available from various small lakes and creeks throughout the claims. Vegetation is mostly pine forest that has suffered severe devastation from the infestation of Mountain Pine Beetle. The valleys contain alder, willow and minor spruce.

This report describes the work done and results received for a soil geochemical survey completed on a portion of a five claim group that comprises the Nechako Option, the claims are under option to TTM from Nechako Minerals Inc. The 2009 program was not conducted under a work permit number as the ground disturbance was minimal. The work comprised the collection of 1062 soil samples at 50 meter intervals along lines spaced 200 metres apart over 54 line-kilometres of grid. An existing grid from a 2006 IP survey for Nechako Minerals was utilized for the sample collection. In addition four flagged lines were established south of the existing grid and sampled at 50 meter intervals. Crews commuted daily from the existing TTM exploration camp at km 111 on the Kluskus-Ootsa Forest Service road. The work was completed from June 17, 2009 to July 23, 2009 at a cost of \$82,091.19.

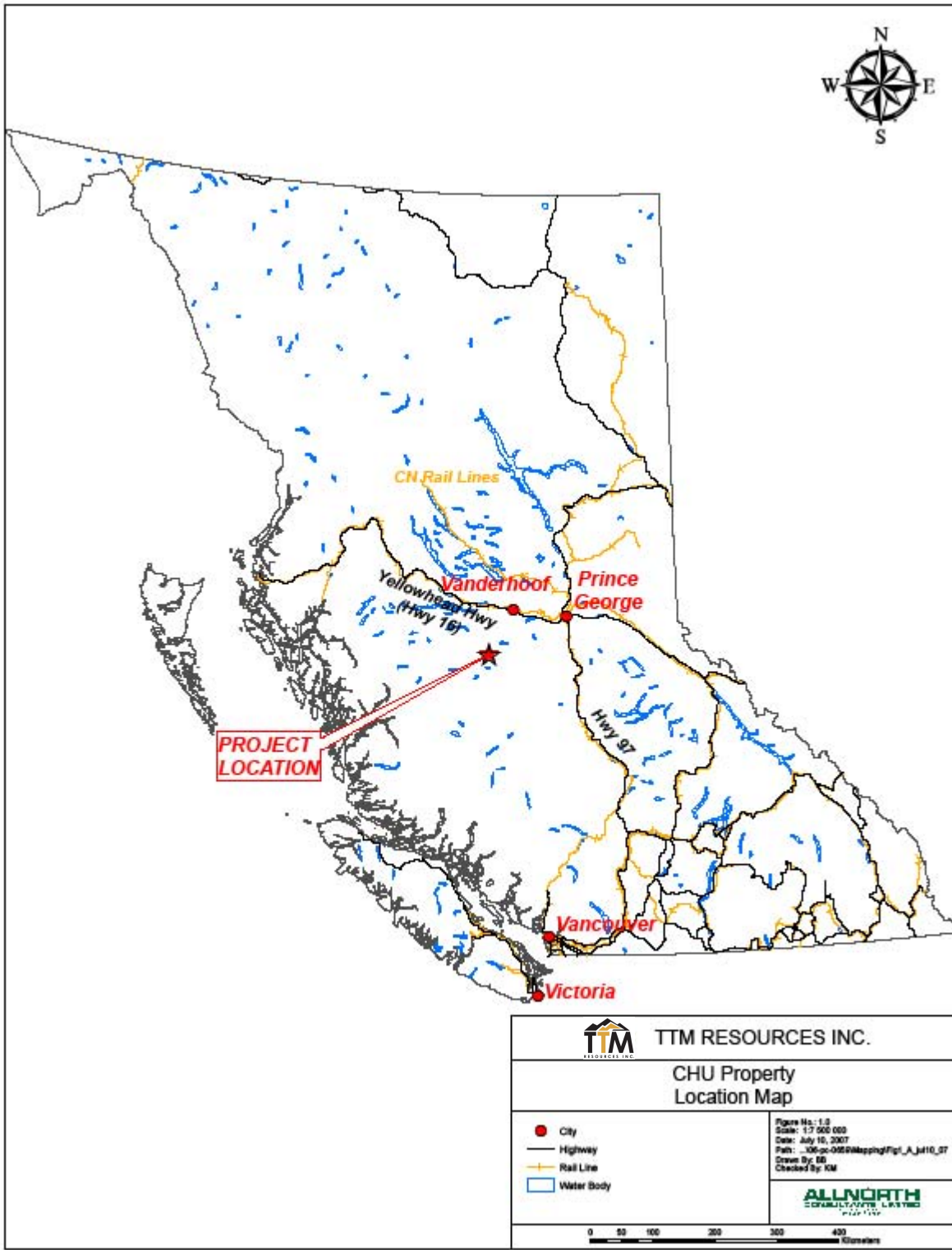


FIGURE 1. General Location Map

3.0 CLAIM STATUS

The Nechako Option is comprised of five contiguous mineral claims encompassing an area of 2274.98 hectares, located in the Omineca Mining Division (Figure 2). The claims are owned 100% by United Exploration Management Inc., (UEMI). Nechako Minerals has an option agreement with UEMI to earn a 100% interest in these five claims and others collectively known as the Fish Property. TTM Resources has entered into an agreement with Nechako Minerals to earn up to a 100% interest in the five subject claims. To earn a 100% interest in the claims TTM must expend a minimum of \$500,000 on the claims by December 31, 2010. If no economic mineralization is located by the work TTM will have earned a 100% interest, if economic mineralization is located TTM will earn a 51% interest and the two companies will develop the property jointly. In addition TTM must apply 30 months of assessment work to the claims.

The claims lie on TRIM map sheets 093F-37, 38, 47 and 48 centered at approximately 53° 24' 13" North Latitude, 124° 36' 33" West Longitude with UTM coordinates of 390500mE and 5915600 mN, NAD'83 Zone 10. The claim details are shown in Table 1 – Nechako Option Claim Status. The “Good to Date” reflects assessment credit applied to the claims on the basis of this report.

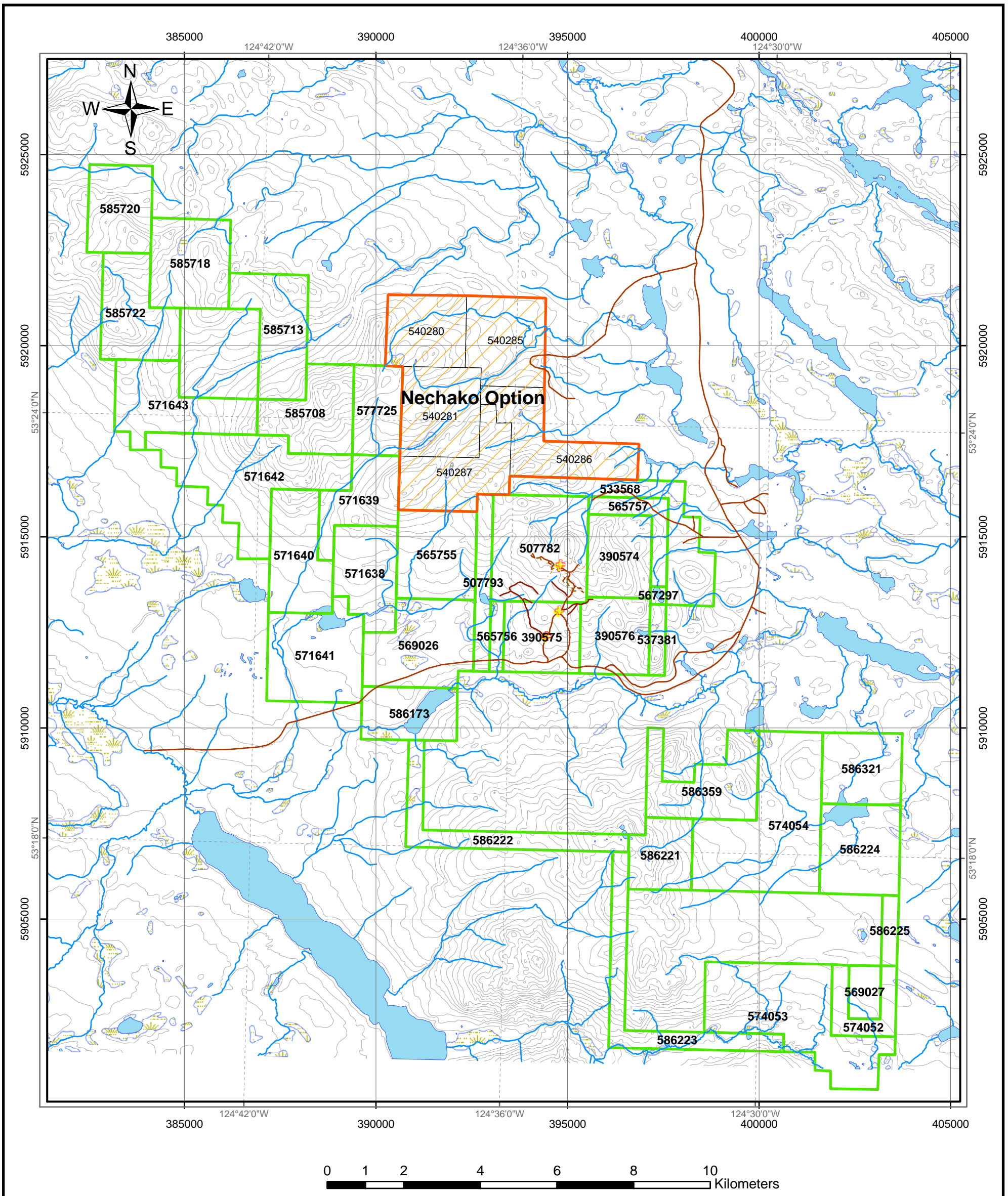
Table 1 – Claim Status

Tenure No.	Claim Name	Owner	Good To Date	Area
540280	Fish 82	UEMI	Sept. 1 2010	385.43
540281	Fish 82	UEMI	Sept. 1 2010	482.03
540285	Fish 86	UEMI	Sept. 1 2010	462.54
540286	Fish 87	UEMI	Sept. 1 2010	482.09
540287	Fish 88	UEMI	Sept. 1 2010	462.89




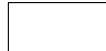



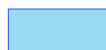




4.0 LOCATION AND ACCESS

The Nechako Option is located in central British Columbia, approximately 75 km southwest of the town of Vanderhoof. The property lies within the traditional territories of several First Nations, all of whom have been apprised of TTM Resources' activities. The company has established a policy of respectful communication with band leaders and members.

The property is accessed via the Kluskus-Ootsa Forest Service Road that originates at Engen, 20 kilometres west of Vanderhoof. The Kenny Lake dam road originates in downtown Vanderhoof and intersects the Kluskus-Ootsa road at km 18.5 and is an alternate access. A branch road at km 91, the Brew Lakes Forest Service road is the main access to the claims. Spur roads from the Brew Lakes Main provide access to much of the property; these roads are not maintained and range from poor to good condition.



Legend

- | | |
|--|--|
|  Heli_Pad |  CHU Claims |
|  TTM 2008 Trails |  Nechako Claims |
|  TTM 2007 Trails |  Nechako Option |
|  TTM 2006 Trails |  Lakes |
|  Roads |  Wetland |
|  Streams | |
|  Topocontours | |



TTM RESOURCES INC.

NECHAKO PROPERTY

CLAIM MAP

Date: September, 2009

Scale 1: 100 000

NAD 83 UTM Zone 10

5.0 HISTORY

The property has not undergone extensive exploration but has had some coverage from past programs, mainly in an effort to locate extensions to the molybdenite mineralization at the Chu property to the south, which was discovered by applied reconnaissance geochemical sampling techniques. Asarco and Rio Tinto Canadian Exploration personnel conducted stream sediment, soil and rock sampling programs over much of the Nechako Plateau during 1969. Rio Tinto geochemists discovered anomalous molybdenum values in lake bottom and water samples from a small lake located near the base of the Chu ridge (Hoffman and Fletcher, 1976) and Asarco prospectors found weakly developed iron sulphide mineralization in "float" rock higher on the slope and subsequently found molybdenite in bedrock that was exposed in their shallow hand-dug trenches. Both companies staked claims and conducted more detailed property work that led to core drilling programs on the Chu property.

In the early 1980's there was some work completed by Chevron Standard Limited. One of the claim groups examined by Chevron, the Python claims, encompasses a portion of the present day claims. A grid was established and soil sampling at 25 meter sample spacing along 100 meter spaced lines outlined Pb, Zn, Mo and to a lesser extent Ag and Cu anomalies associated with coarse volcano-sedimentary units. One diamond drill hole, 126.5 metres in length was completed to test a geophysical anomaly. The hole intersected interbedded clastic sediments comprising shale, siltstone, sandstone and breccia cut by two major faults. Disseminated pyrite and pyrrhotite in fractures were logged the results were low and no follow-up drilling was recommended.

6.0 GEOLOGICAL SETTING

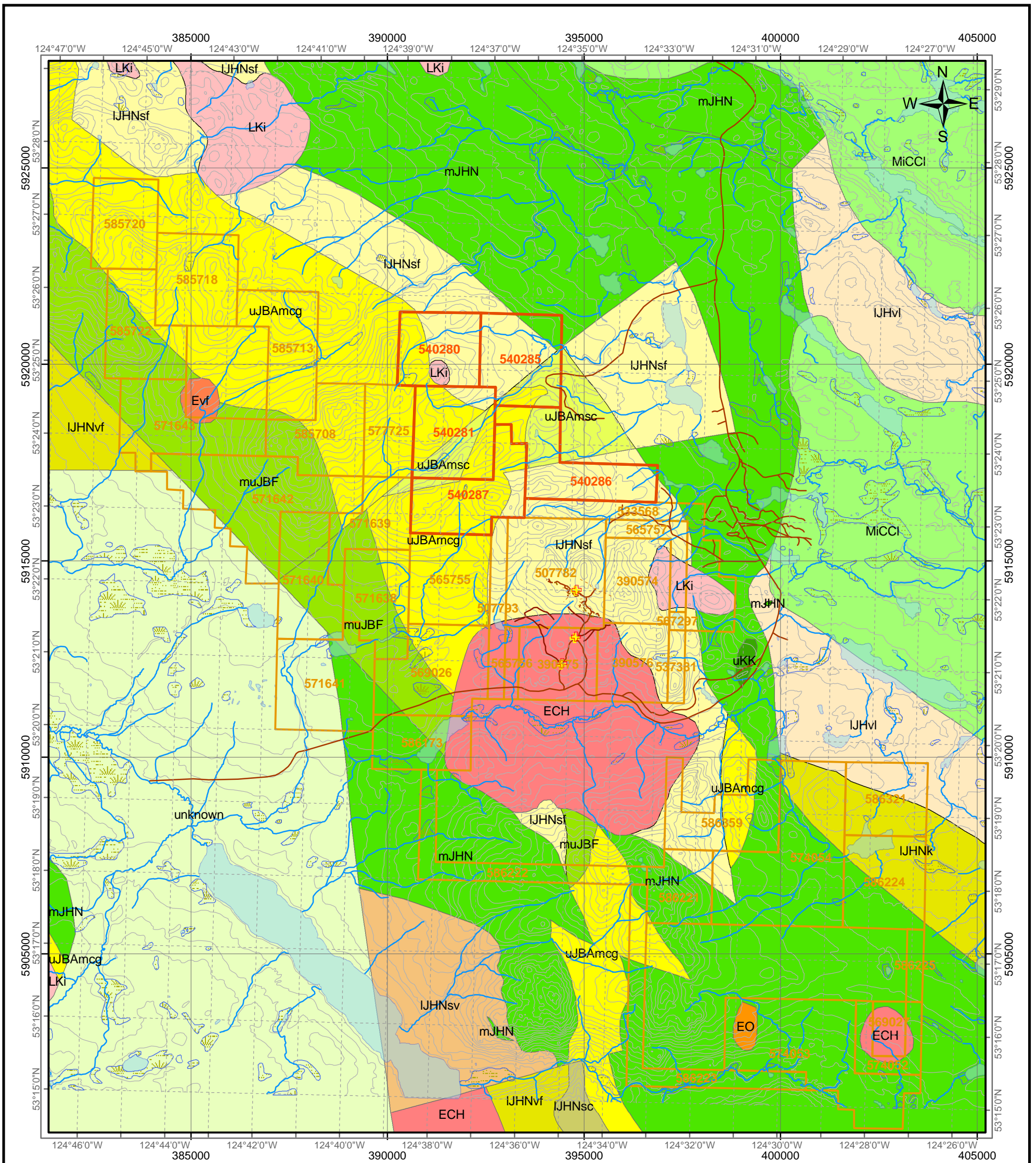
6.1 Regional Geology

Most information concerning the geology of the Nechako Option property is derived from information from the adjoining Chu molybdenite property, by extrapolation from regional mapping by officers of the Geological Survey of Canada (Tipper, 1955, 1963), the provincial Geological Survey Branch, and the joint federal-provincial NATMAP project that was active in the central Intermontane Physiographic Belt in the period 1995-1999 (Struik and McMillan, 1996).

The Nechako Plateau extends broadly across the central interior of British Columbia as an uplifted terrane with extensional faulting. The Nechako Range rises above the Plateau and is encircled by Endako Group andesitic and basaltic volcanic flows of Miocene and (?) younger ages that occupy lower elevation plains. The Range itself is primarily Hazelton Group clastic sedimentary rocks, with less abundant andesitic tuffs and breccias, of Lower (?) and Middle Jurassic age. The south end of the Range abuts a granodiorite pluton of Coast Range affinity. Formations trend northwesterly, parallel to the axis of the Range.

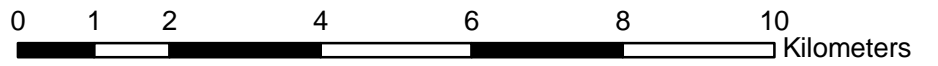
The Nechako Option property is located on a south spur of the Nechako Range and the area of principal current interest straddles a ridge top. Figure 4, modified by Allnorth from BC Energy and Mines Geofile 2005-2), depicts the regional geology of the area along with a claim outline of the Nechako property. The principal strata in the area are Middle to Late Jurassic Bowser Lake Group clastic sediments, comprising coarse clastic sandstones and conglomerates of the Ashman Formation; and Early Jurassic Hazelton Group rocks, principally Nechako Formation siltstones and shales. The Eocene age CH granodiorite pluton, shown in red, lies south of the property and is the likely source of mineralization for the CHU molybdenite deposit. Apart from orthogonal faults trending northwesterly and northeasterly, regional scale structural information is lacking. The appearance, from available geological mapping and considering the relative ages of the Hazelton Group members, is of a northwest-trending shallow syncline comprising argillic sediments underlain by andesitic volcanics.

Much of the Nechako Plateau is mantled with till deposits and lava flows; streams are small and have gentle gradients. Prospecting for mineral occurrences in the Nechako Plateau encounters several obstacles: the first of which is related to the extensive cover provided by till deposits and Miocene volcanic flows, both of which mask outcroppings and inhibit transfer of metal values that are sought in geochemical soil surveys, and, secondly, thick vegetative nature has provided an abundance of vegetation including mosses, that also obscure outcroppings.



Regional Lithology

Plutonic Rocks	Middle Jurassic Hazelton Group
ECH CH Pluton Granodiorite	mJHN Naglico Fm Undivided volcanic
Evf Undivided Intrusive	mJHNSf Naglico Fm Undivided Sed.
Late Cretaceous to Pliocene:	mJHEvf Entiako Fm Rhyolite/Felsic volc.
LKi Undivided Intrusive	Early Jurassic Hazelton Group
Stratified Rocks	IJHNsc Nechako Fm Coarse Clastic
MiCCI Cheslatta Lake Complex: Alkaline volcanic	IJHNSv Nechako Fm Marine Sed./Volc.
EO Nechako Plateau Group Ootsa Lake Fm Felsic volcanic	IJHNk Nechako Fm Marine Sed./Volc.
Late Cretaceous	IJHvi Nechako Fm Coarse Volc./Pyroclastic
uKK Kasalka Group Andesitic volcanic	IJHNSf Nechako Fm Siltstone/Shale Clastic
Middle to Late Jurassic Bowser Lake Group	IJHNVf Nechako Fm Felsic Volcanic
uJBAmcg Ashman Fm Conglomerate	unknown Unknown
uJBAmsc Ashman Fm Coarse Clastic	
muJBF Fawnie Volcanics Undivided	



Legend

Heli_Pad	Nechako Claims
TTM 2008 Trails	CHU Claims
TTM 2007 Trails	Lakes
TTM 2006 Trails	Wetland
Roads	
Streams	
Topocontours	



TTM RESOURCES INC.

**NECHAKO PROPERTY
Regional Geology Map**

Date: 29/10/2009 Scale 1: 100 000 NAD 83 UTM Zone 10

6.2 Local Geology

The portion of the property covered by the grid is underlain by a monotonous sequence of clastic sediments, shales, and conglomerate. The northwestern portion of the grid is underlain by greenish-grey shale with prominent cleavage. There are very local gossans and minor quartz veining but no mineralized zones of interest were located. The central portion of the grid is underlain by a black conglomerate unit. The southeast portion of the grid is also underlain by shales and locally graphitic argillite. No intrusive stocks were noted. Outcrop exposure is very poor and is estimated at <5%. No mineralized showings were located within the grid area.

2009 EXPLORATION PROGRAM

7.1 Sample Collection

The soil sampling program was undertaken by employees of TTM Resources Inc. and consisted of soil sample collection at 50 meter intervals along 200 meter spaced east-west trending lines. An existing cut-line grid completed in 2006 for an IP survey on behalf of Nechako Minerals was utilized for the survey. In addition TTM personnel flagged four lines south of the old grid that were sampled in the same manner above (Figure 4).

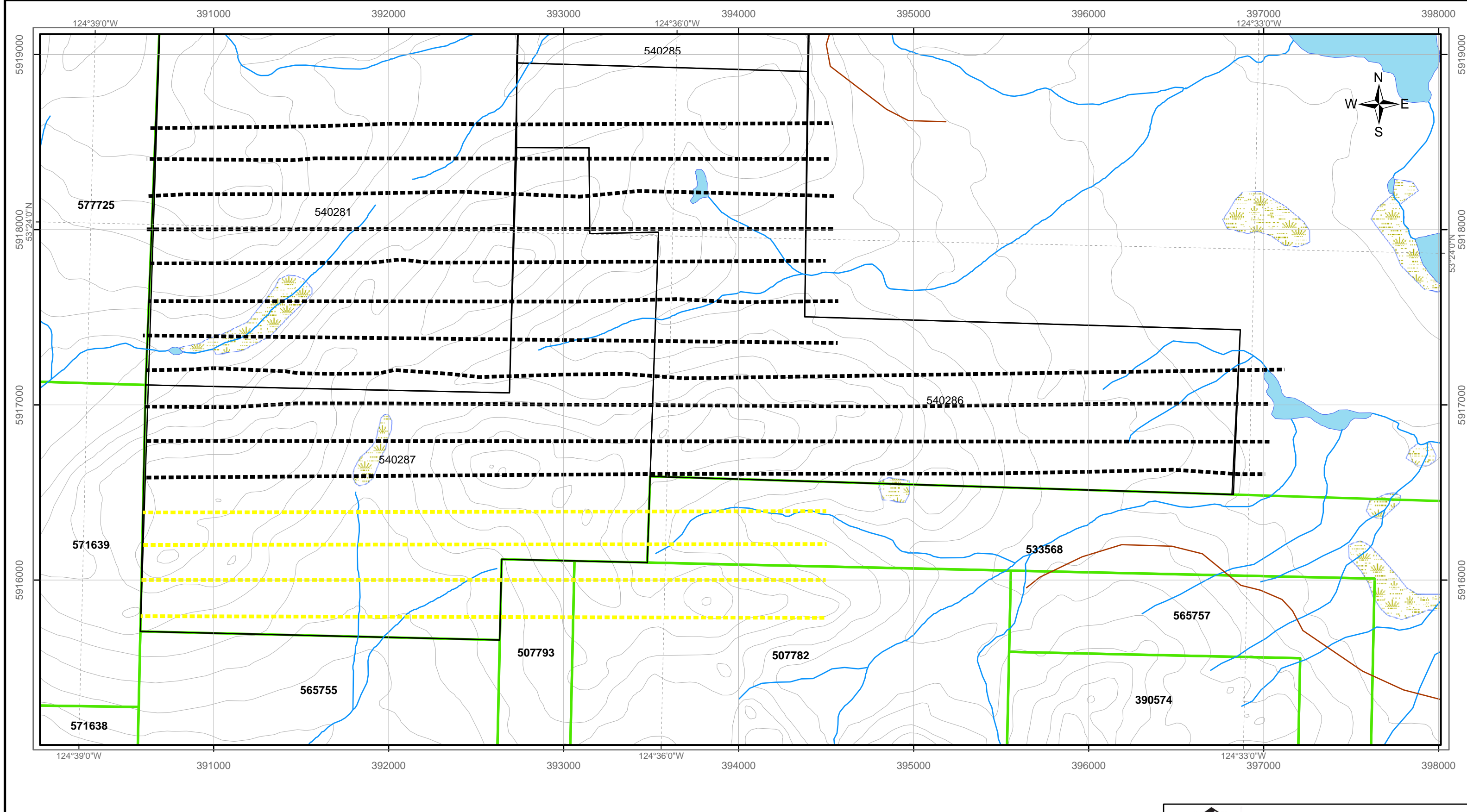
A total of 1062 soils samples were collected from 39.6 line-kilometres of old grid and 14.4 line-kilometres of new grid. A portion of the new grid, 4.55 line-kilometres from which 62 samples were collected was on claims held by TTM; the balance of 998 samples from the Nechako property. The samples were dug with a mattock to depths ranging from 20 cm to 50cm and a B-horizon sample was collected. There are a few samples where only an A-horizon could be obtained, these were swampy areas; some small wetlands were not sampled at all. The authors participated and managed the sampling program. The samples are likely reflective of underlying bedrock geology, most of the terrain was hilly and till cover was minimal. Till was observed in some areas but most of the samples contained numerous rock chips of the same rock units observed in outcrop.

The UTM coordinates of each sample site were recorded into a hand-held GPS and the same coordinate information written into a field book. Also recorded in the field book was sample type, (e.g. sand, clay), sample colour, depth and slope of sample site in degrees and the direction downhill. Additional comments were recorded as deemed necessary by the sampling team. The data was downloaded daily to a computer in the base camp.

7.2 Sample Processing

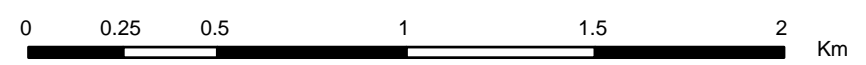
The samples were processed on-site at the TTM exploration facility utilizing an XRF gun. All the samples were dried and then sieved to -100 mesh. The fine fraction was homogenized and a small fraction weighing approximately 10 grams was analysed. The procedure for sample preparation into the XRF sample cup was done by the recommended procedure in the Niton XL3t500 Series Analyzer User's guide, the procedure is as follows:

- 1 A circle of polypropylene film was placed on the top of the sample cup;
- 2 The film is then secured with a collar that snaps over the outside of the cup;
- 3 The cup is then flipped upside down and the sample placed into the cup;



Legend

Nechako Grid	Nechako Claims	Roads	Lakes
Old Grid	CHU Claims	Streams	Wetland
New Grid		Topocontours	



TTM TTM RESOURCES INC.

NECHAKO PROPERTY Grid Location Map

Date: 29/10/2009	Scale 1: 20,000	NAD 83 UTM Zone 10N
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- 4 .The sample is gently tamped into the sample cup;
- 5 A filter disk is placed atop the sample after tamping;
- 6 Polyester fiber stuffing is placed on top of the filter disk to prevent sample movement;
- 7 The cup is capped;
- 8 The cup was placed into a small plastic bag that was labeled with the UTM grid coordinates of the sample location.

The sample is now ready for testing with the instrument reading through the polypropylene film. The samples were analysed with a Thermo Scientific Niton XL3t 500 Series Analyzer. Each sample was placed into a “Portable Smart Stand” to prevent any radiation exposure to the operator, the analyzer was attached to the bottom of the stand, and three 90 second readings were recorded for each sample. These readings were downloaded into a spreadsheet and then averaged to a single result. For quality control 105 samples were sent to Eco Tech laboratory in Kamloops, BC to compare the results with the XRF data. The Eco Tech processing involved drying and sieving the sample to - 80 mesh then dissolving the sampling with Aqua Regia Digestion the running a 28 element ICP-AES analysis.

A comparison of the values from the XCRF data vs. the laboratory for selected elements is provided as Appendix 1. While the absolute values received for each element do not match directly the authors feel the relative intensity of the values for the respective methods of analyses would outline similar anomalous areas. Generally speaking higher Mo values from the XRF were also received by conventional analysis. It should be noted that there appears to be a calibration difference in the XRF data for a number of samples along the southern grid lines, vs. readings for most of the remaining samples. The lines in question are listed in Table – 2 - Sample Lines with Calibration Errors.

Table - 2 – Sample Lines with Calibration Errors

UTM Northing	UTM Easting (From)	UTM Easting (to)
5916600	391675	394175
5916400	390600	393150
5916400	393950	394200
5916200	390600	394200
5916000	390600	394200

A statistical analysis was performed on selected elements from the XRF data to select anomalous thresholds, at 3 times the standard deviation. A summary of that data is presented in Table 3 – Statistical Analysis of Soil Geochemical Data.

Table 3 - Statistical Analysis of Soil Geochemical Data.

	Mo (ppm)	As (ppm)	Cu (ppm)	Sb (ppm)	Zn (ppm)
Avg.	2.780	13.320	20.185	9.764	134.868
Std. Dev.	3.696	29.636	22.062	13.962	104.756
Median	0.767	11.583	7.427	4.655	116.427
Max	40.543	702.193	224.183	360.030	2153.620
Min	0.007	0.060	0.840	0.877	9.540

7.3 Results

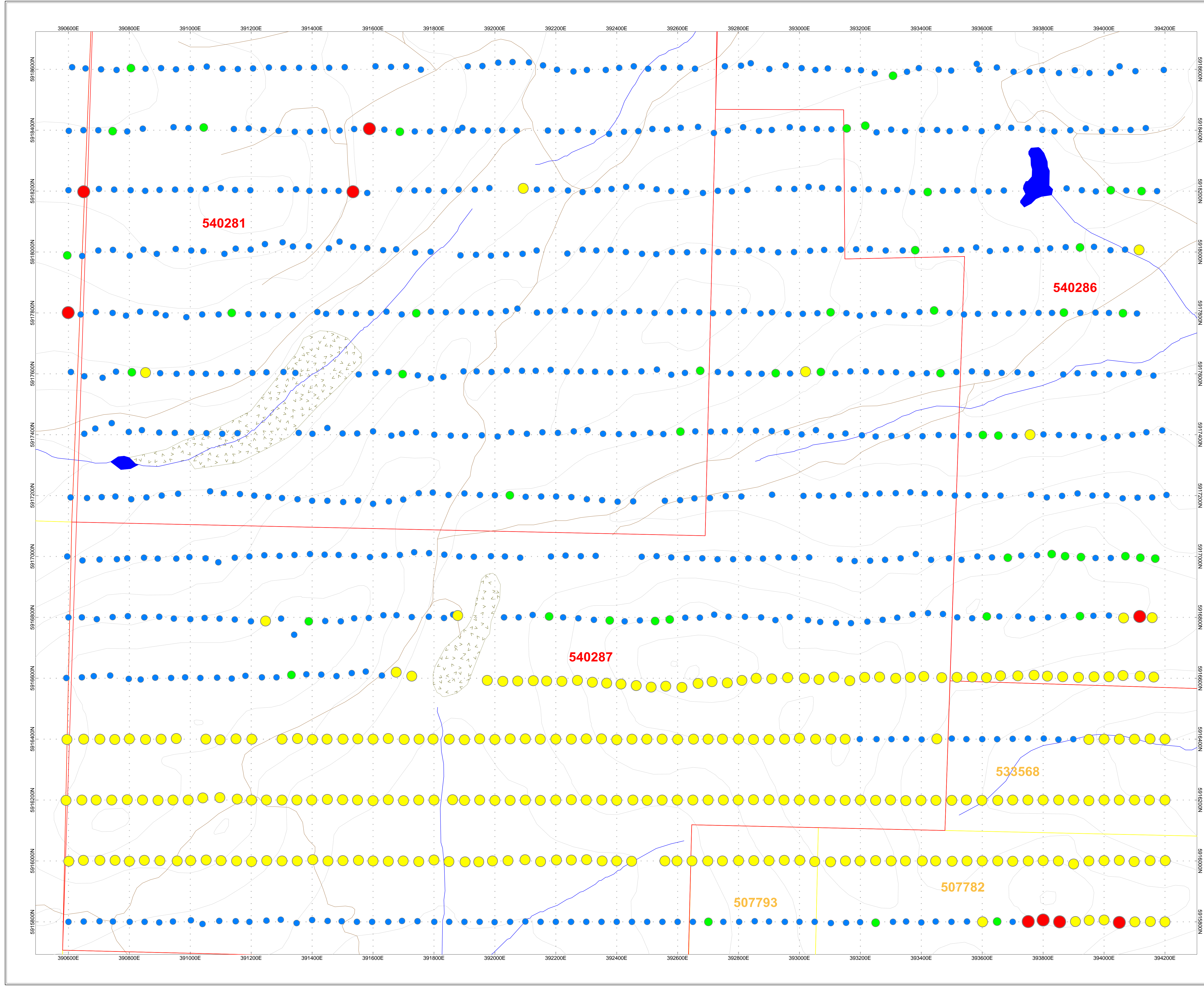
The data for molybdenum only is plotted on Figure 5a as a proportional symbol plot and the actual values are plotted on Figure 5b. For the proportional symbol plot the values selected are based on the statistical analysis and are summarized in Table 4 – Statistical Thresholds for Data Plotting.

Table 4 – Statistical Thresholds for Data Plotting

Mo Range (ppm)	Statistical Equivalent
<2.78	< AVG
2.78-6.48	AVG + 1SD
6.48-13.88	1SD to 3SD
>13.88	> 3SD

Note: SD = Standard Deviation and AVG = Average

The sampling program did not outline any strongly anomalous trends. There is a weak cluster of higher values (>3SD) in the northwest corner of the grid, on either side of a small hill. There is a lower order anomaly along the eastern portion of grid. This is more a loose collection of elevated values within 600 metres of the eastern edge of the grid that may reflect a geologic change. The strongest anomaly is along one line in the extreme southeast portion of the grid, on TTM claim 507782. The anomaly is centered over a small hill and is worth of limited follow-up in the form of more detailed soil sampling with a tighter line and sample spacing. The area should be prospected to see if the source lithology can be determined.



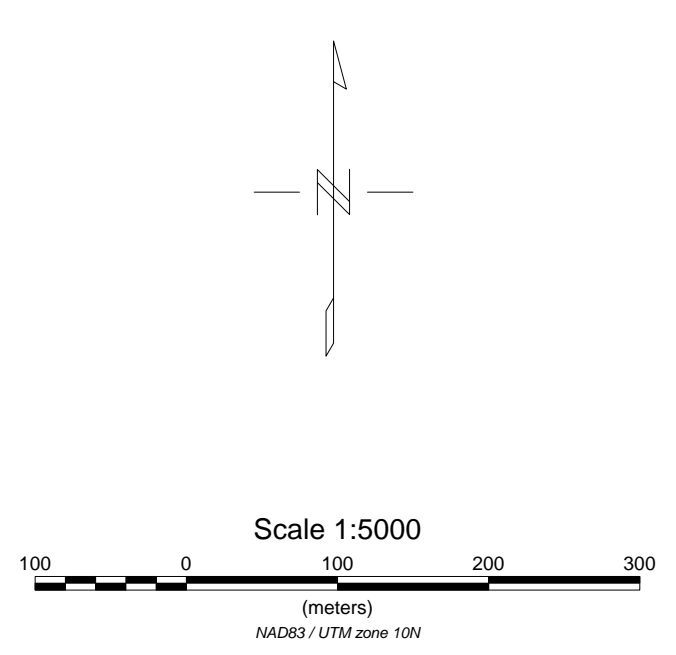
Statistics - Mo (ppm)
 Minimum value: 0.01
 Maximum value: 40.54
 Mean value: 2.786
 Standard deviation: 3.698

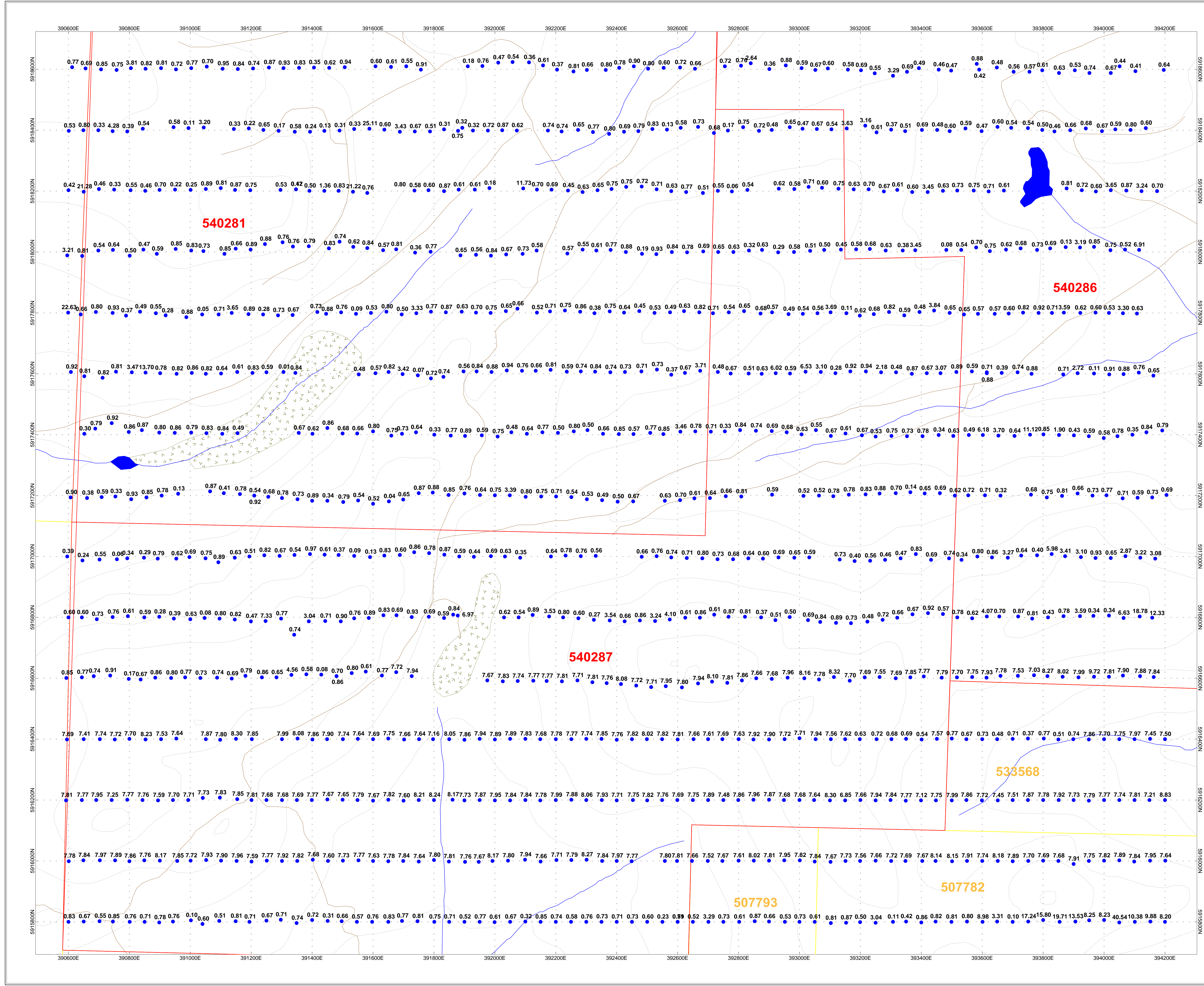
Legend

Mo (ppm)

- > 13.88
- 6.48 - 13.88
- 2.78 - 6.48
- < 2.78

Nechako Claims
 TTM Claims
● Lakes
 Wetland
— Streams
— Roads
- - - Trails





Legend

- 6.25 Sample location and Mo (ppm)
- Nechako Claims
- TTM Claims
- Lakes
- Wetland
- Streams
- Roads
- - - Trails

Scale 1:5000
 0 100 200 300
 (meters)
 1:5000 (1:157480 scale)

8.0 CONCLUSIONS AND RECOMMENDATIONS

TTM Resources has entered into an option agreement with Nechako Minerals Corp involving five contiguous mineral claims that adjoin the northern boundary of TTM's Chu molybdenum property. TTM personnel collected 1062 soil samples from 54 line-kilometres of grid, of which 39.6 line-kilometres was existing grid, and 14.4 line-kilometres was new, flagged line grid. A portion of the new grid was on TTM claims, 62 samples were collected from 4.45 line-kilometres of new grid on TTM claims.

The sampling program did not outline any strongly anomalous areas. There is a weak cluster of elevated results in the northwest corner, a lower order anomaly along much of the eastern grid boundary, and a line of anomalous samples in the extreme southeast corner of the grid, on TTM claim 507782.

The anomaly in the extreme southeast is worthy of some follow-up in the form of additional soil sampling along a tighter grid and prospecting to see if a bedrock source for the anomaly can be determined.

The program was completed from June 17, 2009 to July 23, 2009 at a cost of \$82,091.19.

STATEMENT OF COSTS

PERSONNEL	\$/day	# days (June)	# days (July)	Totals
Wesley Raven (monthly contract)		\$2,800	\$1,100	3900.00
Chris Fozard	\$400	8	10	7200.00
Jason Courneyea	\$400	3	16	7600.00
Trina Fitzpatrick	\$315	3		945.00
Aaron McMillan	\$275	8.5	7.5	4400.00
Sarah Nicholson	\$275	8.5	16	6737.50
Terry La Favor	\$275	13.5		3712.50
Andrew Lawson	\$250	5	4.5	2375.00
Geoff Thomas	\$225	0	3.5	787.50
Jerry George	\$200	9		1800.00
Roy Casimer Jr.	\$200	4		800.00
TOTAL PERSONNEL				40257.50
 EQUIPMENT RENTAL				
4X4 Truck	\$100	14	23	3700.00
4x4 Suburban	\$100	14	23	3700.00
ATV	\$75	14	23	2775.00
Camp, meals @\$100/day/man	\$100	120		12000.00
TOTAL EQUIPMENT RENTAL				22175.00
 CONTRACTORS				
Laric Siberia Geoservice Corp.				2700.00
Stewart Group				
100 check assays @ 15/sample	\$15	100		1500.00
TTM XRF Analyser				
1000 assays @ \$5/sample	\$5	1000		5000.00
E. Houlind Expediting				1000.00
TOTAL CONTRACTORS				10200.00
 SUPPLIES				
Field Equipment				5078.29
Fuel (propane, diesel and gasoline)				2939.96
Travel				295.40
Miscellaneous				1145.04
TOTAL SUPPLIES				9458.69
 TOTAL EXPENDITURES				 82091.19
 Amt. Filed by TTM				 9798.01
 Amt Available to Nechako Minerals				 72293.18

CERTIFICATE OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS FOR WESLEY RAVEN

I, WESLEY RAVEN, of 108-1720 West 12th Avenue, Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1983) and hold a BSc. degree in geology.
2. I have been employed in my profession with various companies since 1983.
3. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia, and have been registered since 1992. I am also a Fellow of the Geological Association of Canada and have been a member since 1989.
4. I am co-responsible for preparation of all sections of this report utilizing data summarized in the References section of this report and from onsite management of the work from June 16, 2009 to June 24, 2009 and July 4, 2009 to July 7, 2009.
5. I am the Vice-President of Exploration for TTM Resources Inc.
6. I consent to the use of this report by both Nechako Minerals Corp. and TTM Resources Inc. for any corporate use normal to their business.

Wesley Raven



Wesley Raven, P. Geo.

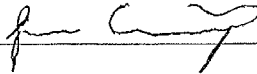
DATED at Vancouver, British Columbia, this 2nd day of October, 2009

I, Jason Courneyea of 213, 2665 W Broadway, Vancouver, BC V6K 2G2, do hereby certify that:

1. I am a graduate of University of Victoria with a B.Sc in Earth and Ocean (Geological) Sciences (2003).
2. I have practiced my profession in British Columbia and Ontario since 2004
3. The foregoing report on the 2009 Soil Geochemical Sampling Program, Nechako Option is based on the author's previous knowledge of the property and a review of the results of the 2009 program.

Dated at Vancouver, B.C. on the 1st day of October 2009.

Jason Courneyea

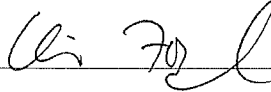


I, Christopher Fozard of 808 - 131 Regiment Sq, Vancouver, BC V5B 1X6, do hereby certify that:

1. I am a geoscientist in training, and in the process of registering with the Association of Professional Engineers and Geoscientists of British Columbia.
2. I am a graduate of Simon Fraser University with a B.Sc in Earth (Geological) Sciences (2007).
3. I have practiced my profession in British Columbia, Western Canada, and abroad since 2003.
4. The foregoing report on the 2009 Soil Geochemical Sampling Program, Nechako Option is based on the author's previous knowledge of the property and a review of the results of the 2009 program.

Dated at Vancouver, British Columbia on the 2nd day of October 2009.

Christopher Fozard

A handwritten signature in black ink, appearing to read 'Chris Fozard', written over a horizontal line.

REFERENCES

Allnorth Consultants Limited, 2007, Geological and Geochemical Report, CHU Molybdenum Property, British Columbia, Canada, Assessment Report dated September 24, 2007, filed with Mineral Titles Branch, Ministry of Energy, Mines and Petroleum Resources, ARIS # 29393 (confidential status until (2008-10-02))

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APPENDIX 1

Analytical Certificates – Eco Tech

20-Aug-09
Stewart Group
ECO TECH LABORATORY LTD.
 10041 Dallas Drive
KAMLOOPS, B.C.
 V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2009-0413

TTM Resources
 202-750 West Pender Street
Vancouver, BC
 V6C 2T7

Phone: 250-573-5700
 Fax : 250-573-4557

No. of samples received: 105
Sample Type: Soil
Project: not indicated
Shipment #: not indicated
Submitted by: TTM Resources

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	390601E + 5918398N	0.6	1.80	10	120	<5	0.09	2	12	26	25	4.29	<10	0.43	263	2	0.02	31	1310	18	<5	<20	8	0.02	<10	65	<10	2	131
2	390650E + 5918198N	1.5	0.27	<5	275	<5	5.90	4	3	4	64	0.25	<10	0.40	911	1	0.02	35	1870	4	<5	<20	468	<0.01	<10	3	<10	6	8
3	390656E + 5918603N	0.5	0.98	5	75	<5	0.07	1	6	20	12	2.79	<10	0.17	129	1	0.02	18	650	12	<5	<20	7	0.03	<10	56	<10	1	61
4	390693E + 5916794N	0.4	1.87	5	110	<5	0.11	2	11	51	28	3.77	<10	0.47	163	<1	0.01	59	2530	18	<5	<20	9	0.02	<10	45	<10	5	106
5	390712E + 5917587N	0.7	1.88	10	180	<5	0.86	2	12	27	44	2.90	20	0.50	678	<1	0.03	35	450	14	<5	<20	79	0.06	<10	59	<10	19	55
6	390746E + 5915801N	0.4	2.25	10	125	<5	0.14	2	12	29	13	3.37	<10	0.38	189	<1	0.02	26	1250	14	<5	<20	14	0.10	<10	71	<10	4	58
7	390756E + 5917607N	0.2	1.57	5	145	<5	0.49	1	12	25	20	2.54	10	0.39	544	<1	0.02	22	230	14	<5	<20	51	0.05	<10	60	<10	9	52
8	390798E + 5917409N	0.3	1.66	5	100	<5	0.13	1	10	24	15	2.88	<10	0.34	184	<1	0.02	22	870	12	<5	<20	13	0.07	<10	64	<10	3	43
9	390800E + 5916401N	1.1	1.51	5	80	<5	0.04	2	8	42	25	3.23	<10	0.43	184	1	0.02	41	1320	16	<5	<20	5	0.03	<10	47	<10	3	87
10	390843E + 5916200N	0.6	2.33	15	180	<5	0.17	2	15	34	24	3.41	<10	0.64	351	<1	0.02	39	1620	18	<5	<20	15	0.10	<10	75	<10	4	87
11	390848E + 5916996N	0.5	1.75	5	80	<5	0.09	2	9	47	22	3.95	<10	0.38	151	<1	0.02	35	2470	16	<5	<20	8	0.06	<10	59	<10	4	97
12	390885E + 5916602N	0.6	2.69	5	125	<5	0.08	2	11	42	22	3.27	<10	0.45	201	<1	0.02	44	2510	18	<5	<20	9	0.07	<10	59	<10	5	80
13	390904E + 5918604N	0.6	2.00	5	135	<5	0.09	2	10	31	17	3.58	<10	0.45	174	<1	0.02	38	750	14	<5	<20	10	0.03	<10	52	<10	3	101
14	391052E + 5916003N	0.6	2.31	15	245	<5	0.65	4	24	33	54	3.22	10	0.75	1583	<1	0.02	92	630	22	<5	<20	51	0.08	<10	63	<10	9	187
15	391149E + 5918011N	0.3	1.78	15	180	<5	0.13	2	13	34	27	3.43	<10	0.47	232	2	0.02	63	950	14	<5	<20	10	0.04	<10	50	<10	2	176
16	391194E + 5915800N	0.3	2.15	10	180	<5	0.15	1	10	40	14	2.73	<10	0.54	159	<1	0.02	31	1020	14	<5	<20	15	0.10	<10	70	<10	2	62
17	391202E + 5916400N	1.1	2.47	10	120	<5	0.11	2	14	31	20	2.97	<10	0.48	213	<1	0.02	44	1590	16	<5	<20	9	0.08	<10	62	<10	3	128
18	391210E + 5917200N	0.2	1.44	10	120	<5	0.06	2	10	38	18	3.55	<10	0.54	198	1	0.02	37	590	14	<5	<20	6	0.04	<10	62	<10	2	105
19	391250E + 5915804N	0.5	1.60	5	175	<5	0.12	1	10	34	12	2.57	<10	0.44	234	<1	0.02	29	580	10	<5	<20	15	0.11	<10	67	<10	3	62
20	391250E + 5917606N	<0.2	1.60	5	105	<5	0.10	1	11	26	15	2.60	<10	0.35	158	<1	0.02	26	710	10	<5	<20	11	0.08	<10	55	<10	3	48
21	391283E + 5916603N	0.5	1.89	10	150	<5	0.10	2	11	33	23	3.09	<10	0.56	189	<1	0.02	47	1050	14	<5	<20	9	0.06	<10	54	<10	3	106
22	391301E + 5916000N	0.3	1.89	15	215	<5	0.44	2	13	32	20	2.91	<10	0.59	522	<1	0.03	32	480	12	<5	<20	37	0.11	<10	67	<10	7	59
23	391347E + 5918206N	<0.2	1.27	<5	120	<5	0.12	2	13	20	10	3.07	<10	0.20	340	<1	0.02	15	550	12	<5	<20	12	0.04	<10	58	<10	2	104
24	391350E + 5916200N	<0.2	2.66	15	285	<5	0.32	2	18	35	26	3.42	<10	0.67	283	<1	0.02	55	820	14	<5	<20	29	0.09	<10	68	<10	4	128
25	391356E + 5917406N	<0.2	1.37	5	180	<5	0.17	1	13	32	33	2.65	<10	0.67	312	<1	0.02	42	560	10	<5	<20	17	0.04	<10	49	<10	5	60

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	391389E + 5918019N	<0.2	1.44	5	105	<5	0.13	2	9	19	11	2.67	<10	0.25	207	<1	0.02	18	1200	10	<5	<20	11	0.05	<10	50	<10	2	81
27	391450E + 5917183N	0.3	1.27	10	105	<5	0.78	2	9	25	25	2.38	<10	0.55	312	<1	0.03	24	1200	12	<5	<20	58	0.05	<10	50	<10	8	53
28	391456E + 5918605N	0.7	1.88	10	120	<5	0.09	2	8	26	16	4.07	<10	0.34	142	1	0.02	20	660	14	<5	<20	10	0.03	<10	62	<10	2	90
29	391534E + 5918198N	0.3	0.94	5	85	<5	0.13	2	10	20	13	2.85	<10	0.18	236	1	0.02	16	700	12	<5	<20	12	0.04	<10	47	<10	2	76
30	391553E + 5917598N	0.2	1.66	5	160	<5	0.29	1	11	24	18	2.22	<10	0.57	228	<1	0.02	36	640	10	<5	<20	31	0.04	<10	41	<10	6	56
31	391590E + 5916998N	0.5	2.55	15	85	<5	0.07	3	22	35	22	4.71	<10	0.54	598	<1	0.02	38	2760	22	<5	<20	6	0.05	<10	64	<10	2	141
32	391593E + 5917800N	0.2	1.69	5	110	<5	0.07	1	9	23	13	2.34	<10	0.32	156	<1	0.02	24	940	12	<5	<20	10	0.06	<10	49	<10	3	47
33	391637E + 5918402N	0.3	0.92	<5	60	<5	0.06	<1	4	14	8	1.90	<10	0.14	81	3	0.01	9	600	10	<5	<20	7	0.05	<10	42	<10	2	28
34	391750E + 5917208N	0.8	1.85	30	135	<5	0.06	2	11	28	20	3.43	<10	0.35	154	2	0.01	49	1880	14	<5	<20	6	0.02	<10	43	<10	2	106
35	391797E + 5916400N	0.4	3.65	5	880	<5	1.19	2	14	125	53	2.22	<10	1.55	450	<1	0.24	88	620	14	<5	<20	109	0.14	<10	90	<10	7	73
36	391800E + 5916003N	0.2	1.60	5	240	<5	0.65	1	10	31	22	2.30	<10	0.57	308	<1	0.04	24	550	10	<5	<20	52	0.09	<10	54	<10	8	47
37	391801E + 5917601N	0.6	2.44	10	275	<5	0.15	2	13	33	30	3.06	<10	0.58	263	1	0.02	53	550	16	<5	<20	15	0.03	<10	54	<10	4	120
38	391833E + 5918403N	0.2	1.63	10	120	<5	0.15	2	11	22	12	3.18	<10	0.33	195	<1	0.02	30	1760	10	<5	<20	12	0.07	<10	54	<10	3	137
39	391878E + 5916806N	0.9	2.47	10	130	<5	0.13	2	9	35	21	3.36	<10	0.50	138	<1	0.02	36	1810	20	<5	<20	10	0.04	<10	57	<10	2	88
40	391883E + 5917000N	1.4	2.30	15	190	<5	0.18	2	18	31	32	2.89	<10	0.51	244	1	0.02	58	720	14	<5	<20	18	0.06	<10	52	<10	8	96
41	391897E + 5917608N	0.3	0.83	10	90	<5	0.05	1	6	20	10	2.54	<10	0.23	117	1	0.01	22	730	12	<5	<20	6	0.02	<10	47	<10	1	60
42	391900E + 5917207N	0.3	2.06	20	205	<5	0.10	2	16	30	32	2.96	<10	0.62	202	1	0.02	70	670	12	<5	<20	10	0.05	<10	46	<10	3	88
43	391957E + 5917398N	0.3	2.06	15	180	<5	0.11	2	15	33	36	3.06	<10	0.69	258	1	0.01	74	870	14	<5	<20	8	0.03	<10	45	<10	2	125
44	391987E + 5917001N	0.6	1.97	10	195	<5	0.13	2	10	30	22	2.68	<10	0.47	140	<1	0.02	50	1210	12	<5	<20	12	0.03	<10	43	<10	3	87
45	391992E + 5916000N	<0.2	3.15	10	215	<5	0.20	2	13	29	19	3.24	<10	0.44	164	<1	0.02	29	1300	16	<5	<20	25	0.08	<10	63	<10	6	61
46	392000E + 5917201N	0.2	1.84	20	200	<5	0.06	2	16	28	46	3.32	<10	0.59	196	2	0.01	69	860	14	<5	<20	6	0.02	<10	38	<10	3	144
47	392037E + 5917992N	0.2	1.48	<5	100	<5	0.11	1	9	20	12	2.31	<10	0.28	291	<1	0.01	19	550	10	<5	<20	10	0.06	<10	48	<10	3	74
48	392039E + 5917611N	0.3	1.82	15	200	<5	0.07	2	10	30	27	3.81	<10	0.55	193	1	0.01	48	1410	12	<5	<20	11	0.02	<10	45	<10	2	122
49	392149E + 5916199N	0.2	2.02	5	155	<5	0.17	1	9	24	13	2.39	<10	0.36	154	<1	0.02	19	620	10	<5	<20	17	0.10	<10	56	<10	4	33
50	392158E + 5918613N	<0.2	2.32	5	100	<5	0.09	2	12	23	15	2.64	<10	0.29	174	<1	0.02	27	1650	14	<5	<20	8	0.06	<10	49	<10	3	99
51	392240E + 5918202N	0.2	1.45	<5	140	<5	0.19	1	10	22	12	2.30	<10	0.36	153	<1	0.02	19	370	10	<5	<20	21	0.07	<10	50	<10	4	45
52	392288E + 5918008N	0.4	2.34	15	315	<5	0.61	2	17	28	31	2.98	<10	0.55	333	1	0.02	60	440	14	<5	<20	67	0.05	<10	48	<10	9	112
53	392454E + 5917181N	0.7	2.51	15	190	<5	0.13	2	19	30	32	2.70	<10	0.57	171	1	0.01	67	1100	18	<5	<20	10	0.03	<10	39	<10	3	143
54	392464E + 5916576N	0.2	1.97	10	130	<5	0.10	2	10	32	15	2.75	<10	0.43	175	<1	0.02	33	600	12	<5	<20	8	0.09	<10	61	<10	2	68
55	392500E + 5916199N	0.5	2.16	15	135	<5	0.10	2	10	21	13	2.96	<10	0.28	153	<1	0.02	22	1480	14	<5	<20	9	0.04	<10	45	<10	2	89
56	392553E + 5917402N	<0.2	1.53	10	200	<5	0.10	2	11	29	20	2.87	<10	0.54	204	1	0.01	43	390	10	<5	<20	12	0.02	<10	43	<10	2	121
57	392579E + 5916997N	<0.2	1.87	15	190	<5	0.13	2	13	32	25	2.71	<10	0.55	206	<1	0.02	49	740	10	<5	<20	12	0.08	<10	50	<10	3	88
58	392709E + 5917410N	0.2	1.54	5	85	<5	0.08	2	10	21	14	2.68	<10	0.41	208	1	0.01	26	1830	12	<5	<20	8	0.02	<10	32	<10	2	142
59	392719E + 5918319N	0.3	1.80	15	105	<5	0.07	2	10	27	28	3.95	<10	0.39	161	2	0.02	43	1380	14	<5	<20	7	0.01	<10	47	<10	2	105
60	392733E + 5918000N	0.3	1.90	10	225	<5	0.10	2	10	30	28	2.96	<10	0.57	183	1	0.01	45	430	12	<5	<20	11	<0.01	<10	44	<10	5	109
61	392747E + 5916000N	0.2	1.45	10	85	<5	0.12	1	6	18	7	2.11	<10	0.15	96	<1	0.02	10	620	10	<5	<20	11	0.08	<10	48	<10	2	41
62	392750E + 5915800N	0.2	2.39	35	110	<5	0.10	2	14	22	17	2.50	<10	0.35	230	<1	0.02	26	920	12	<5	<20	10	0.09	<10	56	<10	3	70
63	392765E + 5918399N	0.4	1.41	10	75	<5	0.04	2	13	20	15	3.53	<10	0.22	507	2	0.01	17	1550	14	<5	<20	4	0.01	<10	46	<10	1	104
64	392774E + 5917610N	0.5	1.84	10	100	<5	0.07	2	10	24	16	2.87	<10	0.33	250	2	0.01	25	1690	12	<5	<20	6	0.02	<10	43	<10	1	86
65	392800E + 5916400N	0.2	2.10	10	180	<5	0.14	1	11	23	16	2.64	<10	0.36	170	<1	0.02	27	360	12	<5	<20	16	0.07	<10	53	<10	3	50

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
66	392809E + 5917197N	0.3	1.92	10	180	<5	0.10	1	10	31	19	2.72	<10	0.55	149	<1	0.02	38	690	12	<5	<20	11	0.06	<10	47	<10	3	69
67	392900E + 5916201N	0.2	1.59	15	90	<5	0.08	1	8	19	9	2.85	<10	0.28	133	1	0.02	19	460	12	<5	<20	9	0.10	<10	62	<10	2	54
68	393007E + 5917401N	0.4	1.16	20	160	<5	0.23	1	8	20	13	2.55	<10	0.29	173	<1	0.01	22	700	10	<5	<20	20	0.02	<10	44	<10	2	81
69	393016E + 5916600N	0.3	2.80	15	155	<5	0.08	2	13	23	18	4.15	<10	0.35	165	2	0.02	32	580	18	<5	<20	12	0.08	<10	73	<10	3	183
70	393028E + 5916761N	0.2	1.07	15	90	<5	0.06	1	8	18	15	2.61	<10	0.24	193	1	0.01	20	520	10	<5	<20	8	0.04	<10	49	<10	2	51
71	393030E + 5918214N	0.4	1.66	15	135	<5	0.03	2	8	28	17	3.05	<10	0.44	115	1	0.01	34	380	12	<5	<20	4	0.01	<10	44	<10	1	92
72	393032E + 5916997N	<0.2	1.16	10	95	<5	0.07	1	7	21	15	2.43	<10	0.32	127	1	0.01	24	380	8	<5	<20	8	0.05	<10	52	<10	2	53
73	393050E + 5915800N	0.4	2.01	10	215	<5	0.26	2	10	29	18	2.40	<10	0.48	205	<1	0.03	28	370	10	<5	<20	34	0.08	<10	56	<10	3	54
74	393059E + 5917799N	0.7	1.20	15	70	<5	0.06	1	6	14	16	2.79	<10	0.19	126	1	0.02	20	1640	12	<5	<20	4	<0.01	<10	25	<10	<1	81
75	393074E + 5918211N	0.2	1.35	10	95	<5	0.05	1	10	23	15	2.34	<10	0.40	298	<1	0.01	33	1040	10	<5	<20	4	0.01	<10	35	<10	1	92
76	393102E + 5915997N	<0.2	2.63	15	195	<5	0.06	2	12	28	26	2.74	<10	0.44	188	1	0.01	40	1190	14	<5	<20	8	0.06	<10	50	<10	3	135
77	393103E + 5916400N	0.5	1.53	10	145	<5	0.05	2	10	20	29	2.73	<10	0.36	158	2	0.01	37	590	10	<5	<20	6	0.03	<10	44	<10	2	92
78	393167E + 5917608N	0.3	1.85	15	190	<5	0.14	2	14	32	24	3.05	<10	0.70	211	<1	0.02	52	570	12	<5	<20	16	0.03	<10	49	<10	2	91
79	393216E + 5918415N	0.4	0.90	5	100	<5	0.04	1	5	20	10	2.31	<10	0.21	108	<1	0.01	18	750	10	<5	<20	4	0.01	<10	37	<10	<1	48
80	393294E + 5917803N	0.2	1.29	10	100	<5	0.09	1	7	20	14	2.44	<10	0.33	106	<1	0.01	23	830	10	<5	<20	8	0.03	<10	40	<10	1	55
81	393300E + 5915800N	0.2	1.67	10	155	<5	0.31	1	9	21	12	2.24	<10	0.39	170	<1	0.02	19	790	10	<5	<20	29	0.07	<10	50	<10	3	53
82	393350E + 5916401N	0.7	2.00	20	250	<5	0.32	2	13	28	31	2.78	<10	0.50	224	1	0.03	42	240	14	<5	<20	34	0.06	<10	49	<10	5	71
83	393380E + 5918006N	0.6	0.77	10	150	<5	0.17	3	8	13	11	2.13	<10	0.18	296	<1	0.02	18	1340	10	<5	<20	18	0.01	<10	26	<10	1	75
84	393392E + 5918604N	0.3	1.61	10	120	<5	0.09	2	9	27	16	2.79	<10	0.49	151	<1	0.01	37	1770	12	<5	<20	7	0.02	<10	42	<10	2	81
85	393402E + 5918401N	0.3	1.53	10	155	<5	0.13	2	15	28	25	2.77	<10	0.57	418	<1	0.01	45	290	10	<5	<20	15	0.02	<10	44	<10	3	96
86	393411E + 5917207N	0.2	1.52	10	145	<5	0.08	1	11	24	24	2.47	<10	0.37	184	<1	0.02	37	630	10	<5	<20	11	0.06	<10	41	<10	4	56
87	393442E + 5917808N	0.2	0.89	5	115	<5	0.09	2	8	17	11	2.24	<10	0.25	449	1	0.02	22	980	14	<5	<20	5	0.01	<10	32	<10	1	104
88	393500E + 5916199N	0.2	1.62	10	340	<5	0.62	2	16	30	14	2.46	<10	0.69	2614	3	0.04	29	1010	10	<5	<20	63	0.07	<10	50	<10	7	57
89	393566E + 5917608N	0.3	1.32	10	110	<5	0.10	1	8	22	22	2.26	<10	0.51	138	<1	0.01	36	410	10	<5	<20	12	0.01	<10	33	<10	3	66
90	393600E + 5916400N	0.3	1.48	10	135	<5	0.47	2	10	22	20	2.53	<10	0.48	277	2	0.04	34	450	10	<5	<20	40	0.06	<10	43	<10	6	70
91	393614E + 5916602N	1.0	2.01	20	120	<5	0.08	3	9	21	20	2.93	<10	0.35	142	2	0.01	30	1130	14	<5	<20	8	0.04	<10	45	<10	2	131
92	393625E + 5918003N	0.7	1.64	15	70	<5	0.15	2	10	19	28	2.80	<10	0.49	203	<1	0.02	38	1630	14	<5	<20	10	0.02	<10	27	<10	2	98
93	393651E + 5916000N	0.6	2.98	200	185	<5	0.06	3	21	21	50	3.91	<10	0.41	434	9	0.02	53	950	20	5	<20	7	0.03	<10	43	<10	5	284
94	393728E + 5917003N	0.2	1.70	15	165	<5	0.11	1	11	20	25	2.68	<10	0.37	152	1	0.02	33	620	12	<5	<20	19	0.03	<10	40	<10	4	78
95	393751E + 5915801N	5.2	2.46	295	185	<5	0.13	8	16	25	49	4.92	<10	0.50	1096	27	0.02	61	830	96	330	<20	24	0.05	<10	50	<10	4	1584
96	393851E + 5916200N	0.3	1.88	25	140	<5	0.11	2	11	29	20	2.72	<10	0.53	248	3	0.02	30	610	12	<5	<20	11	0.07	<10	58	<10	3	98
97	393952E + 5918588N	0.3	1.24	5	95	<5	0.05	2	7	18	9	2.65	<10	0.24	290	<1	0.01	18	1920	12	<5	<20	4	0.01	<10	37	<10	1	106
98	394000E + 5916400N	0.2	1.62	15	160	<5	0.63	1	9	33	23	2.33	<10	0.59	229	<1	0.07	27	590	10	<5	<20	38	0.08	<10	54	<10	8	52
99	394008E + 5917201N	0.2	1.53	10	85	<5	0.06	2	8	18	16	2.65	<10	0.30	140	2	0.01	23	790	10	<5	<20	7	0.03	<10	38	<10	2	84
100	394022E + 5916995N	0.3	1.65	15	105	<5	0.09	3	16	18	31	3.42	<10	0.45	244	4	0.01	51	1080	12	<5	<20	8	0.03	<10	36	<10	4	180
101	394022E + 5918203N	<0.2	0.80	10	100	<5	0.09	1	5	18	12	2.28	<10	0.22	85	1	0.01	20	320	8	<5	<20	13	0.02	<10	44	<10	1	50
102	394093E + 5917400N	0.6	1.35	10	160	<5	0.50	3	10	16	18	2.50	<10	0.29	404	3	0.02	22	360	14	<5	<20	33	0.02	<10	37	<10	5	74
103	394158E + 5916799N	1.6	3.00	40	195	<5	0.10	4	16	20	37	4.63	<10	0.45	333	16	0.03	56	900	20	<5	<20	10	0.02	<10	70	<10	4	548
104	394196E + 5918598N	0.3	1.21	10	280	<5	0.18	2	9	16	17	2.98	<10	0.24	119	1	0.01	23	290	12	<5	<20	20	<0.01	<10	33	<10	4	123
105	394200E + 5916400N	0.3	1.56	15	165	<5	0.47	1	9	27	18	2.11	<10	0.48	186	1	0.02	26	300	10	<5	<20	26	0.07	<10	45	<10	6	68

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																													
Repeat:																													
1	390601E + 5918398N	0.6	1.83	10	120	<5	0.09	2	12	26	27	4.37	<10	0.45	272	2	0.02	33	1310	18	<5	<20	8	0.02	<10	65	<10	2	132
10	390843E + 5916200N	0.8	2.30	15	170	<5	0.16	2	15	33	24	3.24	<10	0.63	333	<1	0.02	38	1600	18	<5	<20	13	0.09	<10	70	<10	4	83
19	391250E + 5915804N	0.5	1.72	5	180	<5	0.12	1	10	34	13	2.60	<10	0.47	235	<1	0.02	30	630	12	<5	<20	15	0.11	<10	66	<10	3	63
28	391456E + 5918605N	0.8	1.80	5	120	<5	0.08	2	8	24	15	3.88	<10	0.33	136	2	0.02	20	640	12	<5	<20	9	0.03	<10	58	<10	2	85
36	391800E + 5916003N	0.2	1.57	5	235	<5	0.64	1	10	30	22	2.27	<10	0.56	302	1	0.03	24	550	12	<5	<20	51	0.09	<10	52	<10	8	47
45	391992E + 5916000N	0.2	3.18	10	215	<5	0.20	2	13	29	19	3.14	<10	0.43	158	<1	0.02	29	1320	14	<5	<20	24	0.08	<10	61	<10	5	60
54	392464E + 5916576N	0.2	1.90	10	130	<5	0.09	2	10	33	15	2.77	<10	0.42	175	<1	0.02	32	580	12	<5	<20	8	0.09	<10	61	<10	2	68
63	392765E + 5918399N	0.5	1.36	10	70	<5	0.03	2	13	19	15	3.48	<10	0.23	509	2	0.01	17	1490	14	<5	<20	4	0.01	<10	46	<10	1	104
71	393030E + 5918214N	0.5	1.64	15	135	<5	0.03	2	8	29	17	3.19	<10	0.43	118	1	0.01	34	390	12	<5	<20	4	0.01	<10	44	<10	1	92
80	393294E + 5917803N	0.3	1.32	10	105	<5	0.09	1	7	21	15	2.55	<10	0.34	110	<1	0.01	23	850	10	<5	<20	8	0.03	<10	42	<10	1	57
89	393566E + 5917608N	0.3	1.33	10	110	<5	0.11	1	8	22	22	2.24	<10	0.52	147	<1	0.01	37	410	10	<5	<20	12	0.01	<10	32	<10	3	67
98	394000E + 5916400N	<0.2	1.58	15	160	<5	0.63	1	9	35	23	2.51	<10	0.57	243	<1	0.05	28	580	10	<5	<20	38	0.08	<10	57	<10	8	53

Standard:																													
Till-3		1.4	1.03	85	35	<5	0.58	1	13	63	21	2.02	10	0.61	312	<1	0.03	34	440	22	<5	<20	14	0.05	<10	28	<10	5	41
Till-3		1.6	0.96	80	35	<5	0.57	<1	13	66	21	1.93	10	0.63	305	<1	0.03	33	420	20	<5	<20	15	0.05	<10	30	<10	6	39
Till-3		1.5	0.99	80	35	<5	0.53	<1	12	66	20	2.00	10	0.59	297	<1	0.03	32	450	22	<5	<20	12	0.04	<10	28	<10	5	39

ICP : Aqua Regia Digest/ICP AES Finish
 Ag: Aqua Regia Digest. AA-Finish

NM/nw
 dt/2_413S
 XLS/09



ECO TECH LABORATORY LTD.
 Norman Monteith
 B.C. Certified Assayer

APPENDIX 2

XRF Assay Data

SAMPLE	LOCATION	As	Cu	Mo	Ni	Sb	Zn
381831e	5917590n	4.550	4.393	0.740	1.450	3.797	131.460
390054e	5916993n	0.730	8.493	0.620	7.147	5.040	109.777
390097e	5918402n	0.377	5.397	0.843	4.007	4.453	109.560
390346e	5916987n	1.263	15.587	0.243	4.080	6.093	143.127
390483e	5916603n	0.517	19.187	0.767	19.127	3.790	173.157
390592e	5916199n	19.953	41.917	7.810	87.977	25.947	160.680
390593e	5916601n	0.550	6.453	0.850	9.197	4.650	118.540
390595e	5916399n	10.357	33.777	7.687	63.590	25.340	59.737
390596e	5917000n	0.800	6.257	0.393	6.507	5.720	138.207
390596e	5917989n	0.493	121.907	3.213	6.850	9.103	52.320
390599e	5917801n	0.630	117.923	22.627	5.273	4.980	12.357
390600e	5915800e	0.480	4.543	0.833	3.407	4.773	67.013
390600e	5916800n	0.333	11.967	0.603	0.840	4.473	122.017
390600e	5918203n	15.730	224.183	0.420	96.630	5.017	112.140
390601e	5915999n	10.190	35.820	7.777	77.973	24.720	134.637
390601e	5918398n	14.423	4.697	0.527	5.893	7.123	163.870
390607e	5917194n	4.767	4.770	0.900	8.617	4.677	84.670
390608e	5917606n	12.290	5.847	0.923	4.100	3.643	81.130
390612e	5918607n	4.797	6.140	0.773	5.060	3.933	97.393
390640e	5917795n	0.720	10.803	0.660	7.313	4.487	80.957
390644e	5916200n	12.930	34.173	7.767	68.653	24.547	75.657
390644e	5916603n	0.547	5.453	0.770	5.243	3.690	146.900
390644e	5916800n	0.490	4.373	0.597	4.707	4.567	144.553
390645e	5917987n	0.753	2.653	0.813	7.127	4.603	96.113
390649e	5916002n	14.823	39.383	7.840	72.477	24.010	194.967
390649e	5918400n	13.080	5.637	0.800	18.223	5.497	89.640
390650e	5915801n	12.760	4.067	0.670	6.630	4.690	64.730
390650e	5916400n	9.110	33.147	7.413	64.873	25.760	49.217
390650e	5918198n	0.340	109.357	21.280	86.090	5.930	21.635
390652e	5917403n	2.423	4.273	0.303	4.600	4.507	59.210
390652e	5917592n	0.253	3.987	0.807	6.410	3.763	80.250
390656e	5918603n	0.703	4.510	0.690	3.123	3.000	81.330
390661e	5917192n	12.123	5.207	0.377	6.157	4.387	67.147
390683e	5916607n	2.377	5.243	0.740	8.710	4.150	138.950
390688e	5917420n	0.397	4.973	0.790	4.800	9.413	47.057
390690e	5917803n	0.460	4.477	0.803	7.067	4.007	83.057
390691e	5916200n	13.217	35.810	7.950	70.857	25.220	102.840
390693e	5916794n	0.290	6.877	0.727	34.833	3.910	127.997
390698e	5918005n	0.590	12.947	0.537	34.340	5.317	124.437
390698e	5918400n	5.420	7.247	0.327	4.110	4.473	147.420
390700e	5918207n	1.263	5.833	0.460	6.757	6.767	121.687
390702e	5915802n	14.283	6.427	0.553	82.020	5.707	71.540
390702e	5916990n	0.750	8.280	0.550	20.263	4.673	169.657
390703e	5916002n	10.180	36.877	7.970	72.337	24.940	109.063
390703e	5916400n	9.783	40.927	7.743	99.403	25.270	98.843
390707e	5918600n	4.980	4.617	0.847	8.213	4.457	179.760
390709e	5917195n	5.043	4.917	0.590	6.110	5.660	77.803
390712e	5917587n	4.703	13.730	0.817	2.340	4.370	73.777

390737e	5916609n	0.510	5.917	0.910	1.583	3.463	75.157
390738e	5918598n	2.763	5.540	0.753	2.473	4.270	117.750
390742e	5916200n	8.767	31.827	7.250	61.310	24.393	46.570
390742e	5917438n	0.197	5.230	0.917	4.630	3.367	59.647
390745e	5916801n	0.363	6.903	0.757	1.980	4.737	142.120
390745e	5917800n	16.920	5.657	0.933	2.913	4.477	116.427
390745e	5918397n	3.640	4.400	4.277	4.680	7.253	201.820
390746e	5915801n	0.700	5.403	0.847	2.760	4.937	83.197
390746e	5918007n	0.750	11.697	0.637	6.400	4.563	136.610
390750e	5918205n	0.637	5.003	0.327	5.397	7.277	110.940
390752e	5916399n	9.617	39.960	7.717	71.813	25.707	131.737
390753e	5916002n	13.947	87.923	7.893	74.747	24.290	127.970
390754e	5917197n	4.673	6.703	0.330	2.747	5.977	96.290
390756e	5917607n	0.640	10.880	0.813	6.010	3.910	99.170
390759e	5916991n	0.840	14.303	0.057	4.507	4.483	151.850
390789e	5917791n	2.543	6.020	0.370	3.207	4.760	129.623
390793e	5916201n	16.533	40.013	7.770	73.450	24.820	129.093
390793e	5916994n	27.927	103.027	0.337	165.253	3.450	320.357
390793e	5918396n	2.690	6.863	0.390	3.843	4.177	91.073
390795e	5916804n	0.550	5.823	0.607	17.943	3.863	122.770
390798e	5916598n	0.687	14.493	0.167	4.533	5.490	110.830
390798e	5917409n	12.033	3.833	0.863	3.780	4.270	51.493
390800e	5915999n	10.577	35.377	7.863	69.960	24.927	90.263
390800e	5916401n	9.953	36.330	7.703	71.250	24.600	107.167
390801e	5915800n	13.110	3.517	0.763	5.337	4.937	107.297
390801e	5917988n	0.657	4.837	0.500	1.397	4.973	96.937
390804e	5918203n	13.550	7.420	0.547	2.910	7.330	128.823
390805e	5918604n	4.653	4.950	3.813	6.917	4.023	102.750
390806e	5917188n	0.183	6.330	0.933	3.420	4.560	56.640
390808e	5917605n	0.640	7.887	3.467	7.180	2.140	66.150
390835e	5917804n	2.700	4.910	0.493	7.527	5.093	68.223
390837e	5916596n	3.043	19.433	0.673	4.013	3.543	159.853
390841e	5917415n	0.307	4.807	0.867	6.663	4.240	69.180
390843e	5916200n	14.987	36.580	7.763	73.097	26.220	109.717
390844e	5918405n	3.683	7.780	0.543	8.127	7.183	132.620
390846e	5918008n	2.620	8.260	0.470	4.467	4.937	163.377
390848e	5916996n	0.177	6.897	0.290	3.710	4.643	120.290
390849e	5916002n	10.497	36.923	7.760	70.310	25.327	126.323
390849e	5916800n	2.577	11.917	0.590	3.900	3.497	125.023
390850e	5915800n	12.050	3.397	0.710	5.130	4.453	102.217
390852e	5918201n	4.787	1.630	0.463	3.007	7.413	158.113
390853e	5916399n	11.837	39.980	8.230	71.060	25.487	131.310
390853e	5917604n	0.720	122.843	13.700	6.967	6.200	9.540
390853e	5918602n	0.513	11.747	0.823	4.753	4.477	135.270
390856e	5917194n	2.693	6.233	0.850	5.973	3.657	77.627
390885e	5916602n	0.567	6.680	0.863	4.523	4.153	101.097
390887e	5917799n	4.870	5.280	0.550	6.947	4.883	78.080
390890e	5917994n	0.390	5.137	0.587	5.047	4.077	66.823
390893e	5916993n	2.983	7.150	0.793	5.007	3.697	85.163
390894e	5916199n	18.147	46.983	7.587	135.533	23.887	173.093

390898e	5915798n	12.225	4.703	0.777	4.210	4.820	97.840
390898e	5916802n	1.133	8.120	0.283	6.210	4.110	100.923
390898e	5917407n	2.613	4.320	0.800	7.847	4.623	52.597
390899e	5918204n	4.873	6.020	0.700	6.007	6.390	81.063
390900e	5916001n	11.090	34.983	8.167	72.670	23.937	100.510
390901e	5917602n	0.490	20.170	0.783	5.333	2.593	71.983
390904e	5916400n	14.453	34.750	7.527	69.587	26.000	104.573
390904e	5918604n	4.827	13.113	0.813	3.540	4.073	135.943
390906e	5917200n	0.677	19.480	0.777	2.360	3.063	149.847
390919e	5917792n	0.523	5.047	0.280	1.910	4.877	187.063
390937e	5916601n	0.060	50.110	0.797	2.603	3.327	156.783
390943e	5915801n	0.257	4.967	0.760	84.060	4.010	81.100
390943e	5916200n	11.003	35.543	7.703	72.277	24.637	144.457
390945e	5918410n	2.213	3.893	0.583	4.060	3.253	59.077
390946e	5916796n	1.920	0.840	0.387	4.810	6.223	132.083
390949e	5917406n	4.873	6.573	0.860	5.000	5.297	63.020
390950e	5918205n	4.527	5.297	0.217	5.053	6.950	108.677
390952e	5918010n	2.533	6.527	0.850	6.090	6.053	147.047
390953e	5918600n	2.677	5.210	0.723	6.430	3.737	93.537
390954e	5916402n	13.500	36.063	7.640	70.507	25.497	100.410
390955e	5917600n	2.323	3.527	0.820	5.293	4.760	105.517
390957e	5916000n	10.410	37.207	7.850	70.270	24.060	144.573
390960e	5917206n	4.993	6.760	0.133	6.867	3.860	130.530
390987e	5917786n	0.527	12.937	0.883	6.647	3.137	158.283
390993e	5916200n	9.913	34.557	7.710	66.217	25.483	102.923
390994e	5918407n	2.637	6.677	0.110	2.587	4.907	105.293
390997e	5916998n	2.747	6.683	0.687	6.347	4.040	91.230
391000e	5916794n	2.997	7.620	0.627	5.297	5.337	176.867
391001e	5916001n	18.387	35.740	7.720	71.047	24.210	125.430
391001e	5918204n	0.570	13.203	0.247	2.670	5.213	144.153
391002e	5915805n	112.443	203.710	0.103	196.573	5.660	152.540
391003e	5918005n	2.640	4.800	0.827	7.100	3.953	99.817
391003e	5918604n	2.487	12.307	0.767	5.870	3.780	92.283
391005e	5917603n	0.587	4.670	0.863	6.827	4.553	254.210
391033e	5916601n	0.557	5.997	0.730	20.313	3.947	136.023
391039e	5917611n	19.233	6.807	0.943	4.520	4.750	160.017
391039e	5917795n	4.917	7.433	0.047	4.577	5.157	139.003
391040e	5915793n	0.647	4.537	0.600	2.153	4.603	128.317
391041e	5916207n	16.957	35.777	7.727	89.660	24.310	163.827
391043e	5918003n	11.327	11.553	0.727	1.490	4.730	88.693
391044e	5918409n	0.713	7.373	3.200	2.573	6.113	83.787
391047e	5916798n	5.393	6.720	0.080	6.333	5.537	111.847
391050e	5916994n	17.990	11.653	0.747	3.720	2.900	87.807
391051e	5916400n	23.263	43.300	7.873	115.407	24.907	196.197
391051e	5917600n	0.510	4.320	0.817	6.277	3.663	143.343
391051e	5918207n	5.177	12.207	0.890	2.820	5.170	187.367
391052e	5916003n	22.353	63.360	7.930	118.180	25.023	250.113
391053e	5917405n	2.513	18.753	0.827	4.877	3.633	72.940
391054e	5918609n	0.520	12.107	0.697	6.783	4.447	110.247
391065e	5917214n	14.430	66.943	0.867	2.150	4.053	77.120

391088e	5916602n	4.713	6.610	0.743	1.420	4.527	122.257
391089e	5917610n	14.350	4.377	0.760	5.797	3.940	99.877
391092e	5916981n	5.610	7.233	0.890	21.380	5.133	109.100
391093e	5917795n	2.497	5.593	0.707	7.197	3.223	155.813
391095e	5915803n	0.387	6.860	0.513	85.640	4.293	158.090
391096e	5916796n	2.660	6.330	0.797	1.567	4.587	170.513
391097e	5916208n	11.613	39.600	7.827	94.003	24.700	113.627
391098e	5916398n	13.313	36.503	7.803	77.570	26.253	176.963
391100e	5918210n	2.657	6.390	0.810	1.533	4.280	143.170
391101e	5916001n	10.580	109.520	7.900	212.380	24.527	149.607
391101e	5917601n	0.720	4.200	0.640	17.033	5.533	133.887
391105e	5917403n	2.417	10.580	0.837	5.830	4.497	51.237
391106e	5918602n	0.427	4.090	0.950	5.520	3.413	73.070
391110e	5917208n	24.860	55.107	0.407	4.817	2.853	80.977
391112e	5917994n	2.463	5.177	0.853	4.250	4.540	301.093
391136e	5916599n	0.323	3.223	0.690	6.113	4.623	101.130
391136e	5917800n	4.873	13.483	3.647	19.357	5.107	130.327
391143e	5918404n	5.010	7.933	0.330	5.600	7.447	171.093
391146e	5916793n	47.200	19.650	0.823	18.260	3.303	143.000
391146e	5916996n	12.033	6.467	0.627	6.930	4.890	81.487
391147e	5918204n	5.133	13.317	0.867	4.383	4.137	116.893
391149e	5915802n	11.183	5.770	0.807	4.200	5.453	78.997
391149e	5918011n	16.177	13.730	0.663	20.970	4.687	271.317
391150e	5916401n	16.530	58.400	8.303	81.273	25.957	124.510
391152e	5916000n	11.190	35.963	7.960	71.157	25.250	91.833
391154e	5916203n	11.383	36.383	7.850	71.260	24.733	110.470
391154e	5917606n	2.800	10.737	0.613	2.750	4.720	108.517
391155e	5917405n	4.563	5.653	0.490	9.087	5.333	54.683
391156e	5918601n	0.607	6.223	0.840	2.420	4.580	104.040
391163e	5917205n	0.660	11.903	0.777	7.130	3.927	69.313
391181e	5916608n	13.747	12.317	0.787	3.870	3.360	118.563
391191e	5917796n	2.643	8.030	0.893	2.593	3.997	223.710
391192e	5918406n	0.447	5.337	0.220	3.230	6.073	97.350
391194e	5915800n	12.095	2.960	0.713	7.477	4.247	85.480
391194e	5917000n	2.737	4.123	0.507	2.067	3.967	60.613
391197e	5918203n	11.090	6.483	0.753	4.150	4.930	92.590
391198e	5918008n	2.727	19.763	0.893	5.753	4.240	214.837
391199e	5916787n	23.543	3.397	0.473	4.903	4.877	110.640
391201e	5915998n	11.360	35.557	7.590	66.783	24.360	66.677
391201e	5916200n	13.817	35.437	7.813	70.273	24.963	130.773
391202e	5916400n	12.227	36.457	7.853	77.777	24.057	172.487
391204e	5917603n	0.723	4.193	0.833	5.370	5.230	49.733
391206e	5918603n	4.860	6.047	0.737	4.330	4.707	125.727
391210e	591700n	0.533	12.530	0.543	2.833	5.097	134.647
391210e	5917200n	0.593	5.763	0.920	6.363	4.967	134.577
391235e	5916603n	17.010	5.517	0.857	17.737	4.270	93.510
391239e	5917795n	0.423	18.320	0.283	1.913	4.860	171.190
391240e	5918401n	2.913	6.677	0.653	4.333	5.320	171.527
391243e	5917004n	0.760	5.423	0.817	21.100	4.760	121.063
391245e	5918026n	16.723	6.223	0.883	5.187	4.123	252.637

391247e	5916788n	21.410	22.393	7.327	4.497	7.197	197.473
391250e	5915804n	0.740	4.160	0.670	5.560	4.487	79.370
391250e	5916200n	12.973	41.520	7.680	68.063	25.347	69.960
391250e	5917605n	0.640	10.913	0.587	5.290	5.017	71.410
391251e	5916001n	9.847	102.690	7.773	209.410	24.520	78.463
391256e	5917196n	4.610	12.503	0.677	6.817	4.727	83.890
391258e	5918606n	2.857	6.970	0.870	7.190	5.250	114.590
391283e	5916603n	0.227	7.260	0.653	3.770	4.747	145.963
391288e	5917792n	4.743	4.340	0.727	1.917	4.457	225.587
391290e	5918398n	0.657	14.233	0.170	3.210	5.740	71.193
391293e	5917002n	4.980	5.603	0.667	4.067	4.110	91.773
391296e	5918204n	0.740	3.677	0.527	6.127	8.507	106.440
391297e	5915807n	12.625	2.947	0.707	6.627	4.000	71.120
391298e	5916796n	23.937	12.047	0.770	2.157	4.163	175.093
391301e	5916000n	17.853	37.187	7.917	71.687	25.200	85.610
391301e	5916200n	11.147	34.843	7.683	69.913	25.210	69.447
391301e	5916400n	12.167	36.943	7.990	102.843	24.477	225.123
391301e	5917192n	12.923	6.000	0.777	6.523	4.043	104.177
391303e	5918032n	0.733	4.880	0.757	4.893	4.987	151.907
391306e	5917606n	0.323	4.803	0.007	6.390	5.583	78.200
391306e	5918604n	5.103	20.787	0.927	20.260	4.487	210.073
391332e	5916611n	2.757	7.840	4.563	3.440	4.563	151.993
391336e	5917793n	0.610	5.180	0.667	3.810	5.640	136.750
391337e	5918018n	5.130	12.453	0.760	21.077	4.143	109.940
391341e	5916743n	23.240	13.283	0.743	39.403	5.207	137.613
391342e	5917005n	2.563	5.817	0.540	3.517	4.167	115.947
391343e	5918395n	4.343	10.873	0.577	7.427	4.690	83.297
391345e	5917603n	0.433	4.993	0.843	5.033	4.250	67.823
391347e	5918206n	0.160	1.520	0.168	2.340	360.030	42.338
391347e	5918206n	0.367	8.453	0.423	7.487	7.957	168.440
391349e	5915796n	14.863	41.490	0.743	7.217	4.953	54.210
391350e	5916200n	14.810	41.453	7.687	76.407	25.427	155.407
391351e	5916000n	10.030	35.353	7.820	70.507	25.970	75.077
391352e	5916402n	14.700	37.363	8.083	79.333	25.020	253.727
391352e	5917188n	2.663	12.133	0.730	3.443	3.560	199.960
391356e	5917406n	2.413	11.810	0.667	7.200	5.090	66.003
391357e	5918605n	2.530	6.627	0.833	4.553	4.907	181.143
391381e	5916613n	5.473	19.867	0.577	21.197	4.307	207.840
391389e	5916787n	3.510	13.670	3.037	7.167	5.327	120.007
391389e	5918019n	0.493	4.517	0.787	8.793	3.763	120.570
391391e	5918201n	0.847	5.760	0.497	2.077	7.770	183.893
391393e	5917008n	5.213	14.307	0.967	6.810	5.377	145.293
391393e	5918395n	0.220	8.440	0.240	2.417	5.453	70.783
391399e	5916200n	16.437	36.050	7.767	73.380	24.620	103.087
391400e	5915806n	0.630	4.773	0.720	5.617	3.987	81.417
391400e	5917183n	5.287	8.387	0.890	4.127	4.063	163.343
391401e	5916399n	10.470	39.430	7.857	85.923	25.150	101.040
391401e	5917403n	4.407	3.847	0.617	6.373	5.317	107.270
391402e	5916004n	10.340	38.580	7.677	67.043	24.660	55.383
391406e	5918606n	2.560	7.290	0.353	6.087	5.907	211.993

391417e	5917803n	12.210	4.410	0.733	3.647	4.487	108.827
391430e	5916612n	3.083	21.883	0.083	38.893	4.503	268.107
391440e	5918201n	14.880	9.060	1.363	12.470	9.295	141.967
391440e	5918398n	0.770	6.713	0.127	3.033	6.943	106.060
391441e	5917006n	13.963	8.757	0.607	7.947	5.150	158.267
391443e	5916788n	16.023	5.027	0.710	5.373	5.280	124.357
391446e	5917797n	15.977	4.840	0.880	77.370	5.450	141.753
391449e	5916400n	11.417	37.430	7.903	87.630	25.360	160.053
391450e	5916202n	14.870	35.797	7.667	71.533	25.593	74.093
391450e	5917183n	3.053	7.137	0.340	6.617	5.020	71.413
391450e	5917422n	4.593	3.683	0.863	6.410	3.920	62.327
391451e	5915803n	11.680	3.747	0.307	6.187	5.410	69.047
391452e	5916000n	9.043	33.940	7.597	65.693	23.883	83.290
391455e	5918012n	0.517	4.797	0.827	21.873	4.720	119.963
391456e	5918605n	2.907	6.757	0.623	3.653	5.123	144.197
391480e	5916607n	0.463	6.303	0.697	6.707	3.670	85.383
391480e	5916607n	12.670	5.907	0.860	20.003	5.010	120.923
391487e	5917005n	18.673	7.547	0.367	5.153	4.973	106.950
391487e	5918201n	0.603	5.280	0.830	21.670	4.660	97.357
391490e	5918034n	0.197	3.523	0.737	5.757	3.683	43.377
391490e	5918399n	2.567	7.573	0.307	3.247	5.560	63.800
391494e	5916787n	2.740	6.313	0.903	4.083	4.930	177.290
391495e	5917802n	14.330	3.823	0.760	5.920	4.510	129.850
391497e	5915802n	0.610	3.670	0.660	7.947	4.540	68.297
391500e	5916201n	11.670	33.173	7.650	66.970	24.497	60.103
391500e	5917404n	0.357	4.623	0.677	5.253	4.653	142.270
391501e	5916001n	10.173	34.003	7.733	66.300	24.480	71.560
391501e	5916400n	11.470	38.140	7.743	71.327	25.543	84.537
391502e	5917179n	5.020	20.503	0.790	38.570	5.057	189.967
391507e	5918607n	16.853	86.643	0.940	21.410	3.110	154.227
391530e	5916617n	5.227	5.903	0.803	3.290	4.603	120.463
391531e	5917184n	4.950	7.387	0.543	4.443	4.690	129.583
391534e	5918198n	0.340	51.157	21.217	2.017	3.063	293.283
391535e	5918017n	2.470	7.280	0.620	2.353	5.497	112.533
391538e	5916797n	4.750	19.940	0.760	5.057	5.147	161.760
391538e	5917002n	17.257	8.800	0.093	3.350	5.267	159.887
391538e	5918404n	0.680	14.027	0.330	1.873	5.743	69.643
391544e	5917797n	0.167	6.613	0.093	3.437	5.940	127.450
391547e	5915800e	0.453	4.677	0.567	85.030	4.630	66.507
391548e	5917404n	14.993	4.247	0.657	4.110	4.367	90.617
391549e	5916200n	18.433	47.920	7.790	69.213	24.780	125.667
391550e	5916401n	11.127	34.967	7.637	72.283	25.450	115.423
391552e	5916002n	10.037	37.613	7.770	70.280	25.117	64.580
391553e	5917598n	2.500	3.673	0.477	8.493	4.210	82.787
391576e	5916622n	0.697	12.287	0.613	3.820	4.073	212.063
391581e	5918013n	0.600	3.980	0.843	6.667	4.853	73.103
391581e	5918194n	0.320	3.997	0.763	4.993	4.937	94.350
391586e	5916798n	5.150	13.780	0.890	21.997	5.243	166.857
391588e	5918405n	0.633	10.217	25.110	2.397	4.257	131.053
391590e	5916998n	15.533	5.920	0.133	3.637	5.457	214.123

391593e	5917800n	13.040	4.847	0.527	6.823	4.027	78.457
391597e	5915800n	11.250	5.567	0.760	9.007	3.897	65.740
391600e	5916000n	10.040	34.877	7.633	69.097	25.240	64.020
391600e	5916198n	13.107	41.780	7.673	85.917	25.720	102.550
391600e	5916400n	12.650	38.163	7.690	70.387	25.207	77.690
391600e	5917173n	15.407	4.813	0.517	18.693	4.227	140.997
391600e	5917411n	13.363	5.737	0.797	2.160	4.287	113.213
391603e	5917407n	14.887	5.060	0.790	5.807	4.683	97.227
391608e	5917602n	2.570	2.803	0.573	4.967	3.283	61.687
391608e	5918610n	4.593	4.250	0.603	1.903	4.117	106.880
391629e	5916609n	4.470	4.033	0.767	5.100	3.993	82.383
391633e	5918006n	0.420	4.693	0.570	7.340	2.717	83.637
391634e	5916807n	17.567	19.767	0.833	3.667	5.080	123.447
391637e	5917003n	30.820	7.487	0.827	90.470	3.793	111.843
391637e	5918402n	2.497	2.100	0.600	4.160	3.730	55.013
391644e	5917804n	11.310	4.870	0.800	7.757	4.050	94.410
391650e	5915800n	0.760	3.440	0.827	8.193	4.390	71.700
391650e	5915999n	9.483	34.350	7.777	71.353	25.153	100.660
391650e	5916201n	12.697	35.233	7.817	71.230	24.673	90.953
391650e	5916402n	14.340	37.270	7.750	73.060	25.513	126.500
391651e	5917606n	11.513	5.260	0.817	22.187	4.570	101.723
391652e	5917181n	14.250	13.440	0.043	4.980	4.507	171.903
391659e	5918608n	2.610	5.187	0.610	6.947	2.637	116.370
391660e	5917397n	4.857	6.220	0.753	5.697	3.960	138.763
391676e	5916620n	12.743	41.183	7.723	81.357	24.830	93.250
391676e	5918009n	0.640	11.720	0.807	6.717	2.970	92.133
391677e	5916807n	23.540	12.960	0.693	35.030	5.040	105.817
391686e	5918205n			0.800			
391688e	5917005n	19.703	13.313	0.603	7.503	4.813	205.103
391688e	5918395n	0.560	6.313	3.433	4.737	6.670	122.757
391694e	5917795n	9.760	2.613	0.503	6.533	4.157	54.430
391695e	5915803n	0.203	39.260	0.770	3.163	5.007	64.343
391695e	5917403n	2.403	3.313	0.727	8.357	3.980	80.960
391697e	5917599n	4.827	3.363	3.423	4.320	1.850	104.883
391699e	5916000n	9.933	35.283	7.843	68.690	24.813	46.973
391699e	5917187n	27.973	42.943	0.647	38.477	4.337	244.080
391700e	5916198n	9.267	34.013	7.603	67.000	25.000	54.503
391702e	5916399n	13.793	36.520	7.660	73.197	25.707	133.920
391709e	5918610n	2.650	12.700	0.550	4.003	4.590	431.423
391727e	5916607n	10.697	35.760	7.940	72.220	25.587	62.300
391727e	5916801n	17.013	12.567	0.930	2.120	4.633	118.663
391735e	5917014n	2.550	12.447	0.860	18.673	3.633	120.563
391736e	5918202n	0.207	5.323	0.583	4.237	5.510	92.720
391737e	5918396n	2.600	4.860	0.673	6.713	5.007	133.260
391738e	5917998n	11.760	5.317	0.357	5.757	3.610	88.413
391741e	5917408n	5.300	6.817	0.640	4.950	4.717	258.033
391742e	5917799n	15.740	4.903	3.330	6.460	4.903	99.680
391746e	5915802n	11.120	5.567	0.813	2.177	4.180	71.173
391747e	5917595n	4.973	6.957	0.070	3.463	4.327	125.590
391750e	5915998n	11.183	33.737	7.637	65.253	23.733	69.710

391750e	5916200n	10.520	33.867	8.213	72.530	25.043	62.750
391750e	5917208n	32.497	19.343	0.873	2.543	4.713	172.747
391751e	5916400n	10.250	35.070	7.643	78.440	25.380	95.720
391757e	5918599n	4.563	12.830	0.910	5.133	4.790	120.850
391782e	5918203n	0.650	5.700	0.597	2.870	5.967	87.807
391783e	5916802n	46.700	57.470	0.690	5.370	4.950	166.053
391784e	5917011n	2.550	5.353	0.777	7.000	3.990	110.343
391787e	5918396n	0.663	4.443	0.510	8.470	4.943	155.813
391789e	5918001n	0.440	2.843	0.767	7.533	4.573	72.790
391790e	5917585n	2.470	12.827	0.720	1.413	4.193	105.923
391790e	5917804n	14.550	4.747	0.767	5.887	3.840	89.217
391796e	5917210n	4.900	12.447	0.883	2.677	5.120	139.057
391797e	5916400n	8.540	44.827	7.157	92.613	25.593	80.867
391800e	5916003n	11.450	39.130	7.803	65.827	25.123	61.247
391800e	5916200n	13.777	36.607	8.243	74.683	25.177	73.940
391801e	5915800n	0.443	4.980	0.747	5.313	5.103	66.793
391801e	5917400n	2.753	20.917	0.330	21.053	4.583	185.623
391811e	5918600n	15.523	7.617	0.177	5.140	5.757	144.820
391833e	5916798n	28.180	51.215	0.593	108.345	5.457	163.940
391833e	5918200n	2.640	17.927	0.873	7.263	5.673	77.670
391833e	5918403n	2.817	5.707	0.310	4.693	5.570	194.443
391834e	5917006n	16.953	6.860	0.870	101.200	4.937	134.463
391839e	5917802n	12.040	4.267	0.870	4.343	4.053	98.117
391848e	5917202n	13.933	6.113	0.850	4.323	4.763	162.663
391849e	5915998n	9.597	35.163	7.813	68.260	24.837	50.490
391850e	5915800n	0.693	5.507	0.707	7.943	3.877	74.320
391850e	5916400n	10.000	34.880	8.050	70.897	26.127	58.647
391855e	5917397n	5.097	19.247	0.770	3.363	4.680	128.307
391861e	5916201n	10.353	34.977	8.167	69.523	25.387	56.240
391863e	5916809n	16.587	7.280	0.843	4.793	5.187	138.667
391878e	5916806n	0.920	8.750	6.970	3.237	2.813	114.083
391879e	5918398n	2.443	5.267	0.750	2.957	4.837	134.753
391881e	5918205n	0.467	2.760	0.607	4.180	8.723	62.470
391883e	5917000n	15.327	7.913	0.590	0.380	4.320	144.033
391887e	5917989n	10.600	5.213	0.653	8.723	5.303	53.550
391891e	5917804n	11.410	5.013	0.633	2.827	4.063	156.063
391893e	5918408n	5.450	3.507	0.317	4.147	6.247	137.827
391897e	5917608n	2.540	3.863	0.557	5.580	4.663	99.830
391900e	5915800n	12.520	4.570	0.523	5.263	3.907	53.653
391900e	5916199n	9.277	32.577	7.727	66.990	25.057	43.167
391900e	5916398n	10.800	34.227	7.860	70.813	26.033	53.623
391900e	5917207n	12.670	6.650	0.757	80.980	5.100	108.527
391902e	5915997n	10.187	34.597	7.760	70.183	24.480	65.057
391902e	5917396n	5.327	6.923	0.893	7.167	4.403	168.560
391928e	5918399n	4.733	5.193	0.323	3.243	5.457	114.050
391931e	5916999n	15.403	49.745	0.437	76.800	5.333	84.800
391934e	5918205n	0.647	3.663	0.607	3.317	4.863	53.053
391938e	5917801n	12.430	4.840	0.697	4.483	4.030	152.210
391938e	5917991n	10.470	5.167	0.560	91.200	5.343	58.553
391940e	5917608n	12.805	5.870	0.837	6.497	2.817	140.913

391947e	5915997n	10.073	33.877	7.673	67.993	24.583	47.040
391950e	5915800n	13.950	39.890	0.773	84.500	4.133	59.827
391950e	5916200n	10.063	33.833	7.873	69.140	25.360	83.770
391950e	5916401n	10.507	38.317	7.940	74.530	25.057	76.333
391951e	5917202n	18.413	39.160	0.637	75.530	4.320	212.130
391957e	5917398n	2.893	19.100	0.593	18.297	3.670	170.240
391959e	5916811n	2.570	4.013	0.763	6.763	3.423	72.953
391975e	5916593n	9.930	34.613	7.670	68.830	24.483	66.197
391977e	5918399n	2.290	3.447	0.717	7.490	4.517	114.553
391982e	5918210n	11.583	7.813	0.177	6.823	6.930	74.587
391986e	5917800n	0.560	6.503	0.753	3.860	4.837	150.677
391987e	5917001n	16.630	38.680	0.687	7.263	4.090	151.397
391987e	5917988n	10.550	3.907	0.840	8.453	9.460	59.230
391989e	5917606n	0.650	4.637	0.883	78.600	4.507	126.000
391992e	5916000n	11.813	36.807	8.173	73.843	25.473	112.897
391999e	5915799n	11.400	3.333	0.610	5.910	5.240	52.833
392000e	5916199n	9.637	37.330	7.950	73.980	24.687	87.703
392000e	5916399n	12.530	33.877	7.893	69.613	24.543	51.340
392000e	5917201n	24.347	48.910	0.747	96.800	5.463	179.717
392009e	5917394n	16.120	6.353	0.753	92.650	4.433	148.290
392011e	5918622n	2.683	5.467	0.473	6.770	4.583	99.347
392016e	5916600n	15.380	47.680	8.163	78.093	25.457	284.417
392024e	5918400n	2.887	5.613	0.867	3.753	4.893	76.493
392026e	5916590n	9.880	37.487	7.833	69.173	24.893	77.377
392030e	5916800n	13.755	7.093	0.617	76.970	4.220	82.587
392033e	5917000n	14.950	51.800	0.630	144.000	4.020	174.353
392036e	5917806n	10.320	3.783	0.653	8.130	5.100	132.123
392037e	5917992n	0.517	38.690	0.670	71.720	4.117	104.553
392038e	5918624n	4.490	5.590	0.540	5.953	5.283	55.520
392043e	5916001n	9.933	35.110	7.803	69.920	24.537	50.537
392049e	5917201n	17.980	47.767	3.390	92.930	5.320	228.190
392050e	5915800n	0.667	3.077	0.667	3.967	4.600	59.537
392050e	5916199n	10.327	33.430	7.837	68.917	25.307	66.633
392050e	5916401n	10.667	35.173	7.890	69.667	25.123	93.453
392054e	5917408n	11.450	3.587	0.483	3.857	2.417	85.470
392072e	5918399n	2.177	9.883	0.620	19.237	4.657	66.707
392074e	5917814n	12.707	6.607	0.663	92.475	4.447	189.313
392075e	5916591n	10.290	38.790	7.743	72.740	24.527	89.013
392078e	5916800n	12.750	5.833	0.540	2.737	4.287	129.643
392083e	5916996n	14.195	8.437	0.350	117.200	4.547	150.003
392091e	5917994n	0.567	2.947	0.733	2.943	4.243	82.093
392093e	5918209n	0.683	80.800	11.727	5.110	7.013	36.630
392099e	5916004n	17.023	36.607	7.943	72.533	26.353	61.570
392100e	5915801n	10.090	6.947	0.317	3.283	6.037	90.103
392100e	5916200n	11.350	33.987	7.840	68.603	25.433	50.310
392100e	5916401n	10.593	35.543	7.827	74.170	25.360	180.673
392101e	5917196n	11.487	4.387	0.797	0.887	4.650	144.957
392105e	5917403n	0.390	4.383	0.640	3.090	4.790	103.107
392112e	5918623n	0.523	5.120	0.360	0.283	4.523	109.203
392124e	5916808n	11.625	6.697	0.887	6.260	4.543	89.177

392126e	5916592n	12.937	35.737	7.770	72.797	24.890	128.117
392134e	5917610n	11.730	40.150	0.663	77.290	2.463	134.380
392137e	5918005n	0.333	5.210	0.580	4.397	4.467	57.920
392138e	5917801n	14.087	4.267	0.523	7.323	3.760	108.770
392138e	5918205n	0.840	11.393	0.700	6.600	5.427	58.187
392149e	5916199n	9.657	33.943	7.783	68.757	25.800	63.707
392149e	5916400n	9.907	35.060	7.680	71.257	25.673	50.517
392150e	5915800n	13.737	54.530	0.850	5.853	4.687	51.507
392150e	5915998n	9.717	32.563	7.657	66.723	24.327	84.563
392152e	5917197n	13.437	2.667	0.753	4.827	3.893	76.987
392156e	5917408n	4.943	4.597	0.767	3.360	4.580	136.223
392158e	5918613n	2.423	11.653	0.613	8.767	4.823	146.123
392170e	5916591n	11.350	36.610	7.773	73.773	24.567	96.453
392174e	5918399n	4.513	5.507	0.740	18.583	4.933	77.093
392178e	5916803n	14.900	7.710	3.530	4.790	3.780	162.453
392181e	5917805n	12.415	46.560	0.710	4.320	4.533	113.757
392183e	5917613n	15.097	56.017	0.813	86.380	3.943	158.293
392184e	5917000n	15.070	3.587	0.643	5.473	3.710	92.520
392186e	5918205n	0.220	2.613	0.690	2.857	4.390	62.503
392200e	5915800n	31.860	5.230	0.743	4.003	4.487	55.793
392200e	5916200n	10.093	35.897	7.993	73.507	25.347	100.847
392200e	5916400n	12.923	40.320	7.780	71.367	25.250	89.727
392201e	5917197n	13.520	44.745	0.707	5.673	4.923	111.873
392202e	5916003n	10.717	33.620	7.707	71.153	24.537	66.087
392204e	5918599n	0.380	5.323	0.367	6.167	4.557	77.540
392219e	5918396n	0.693	4.230	0.737	5.953	5.263	101.613
392220e	5916590n	18.870	36.387	7.813	72.317	25.183	116.757
392224e	5916800n	13.683	44.145	0.800	4.833	4.237	127.460
392230e	5917808n	17.520	38.930	0.753	84.400	4.747	158.057
392232e	5917003n	15.270	6.377	0.780	3.160	3.647	104.553
392236e	5917607n	15.040	39.450	0.590	112.740	4.197	178.760
392238e	5917995n	10.955	3.837	0.567	5.897	2.570	108.117
392240e	5918202n	0.690	4.627	0.450	5.337	4.797	70.033
392250e	5915800n	9.820	43.000	0.583	7.517	3.293	52.830
392251e	5916003n	9.237	34.530	7.793	65.327	25.590	51.253
392251e	5916201n	13.253	35.593	7.880	72.190	24.917	160.793
392251e	5916400n	9.910	34.713	7.770	69.863	25.177	72.873
392251e	5917195n	18.587	57.460	0.543	2.670	4.503	125.407
392259e	5917411n	14.917	6.480	0.803	2.350	3.297	175.940
392271e	5916593n	10.390	35.287	7.713	66.897	24.710	167.157
392273e	5918401n	4.570	4.970	0.653	5.680	4.183	109.703
392274e	5916797n	18.347	8.243	0.600	82.150	4.363	171.693
392280e	5917804n	0.463	5.987	0.863	4.167	4.320	132.197
392282e	5917001n	12.000	46.270	0.763	4.353	4.477	82.943
392282e	5917608n	14.330	2.767	0.737	2.433	4.210	81.433
392283e	5918207n	11.980	5.827	0.747	4.873	3.290	112.810
392288e	5918008n	14.920	6.573	0.547	5.953	5.060	170.520
392288e	5918197n	12.477	12.053	0.627	7.463	4.037	97.687
392300e	5915800n	14.640	4.263	0.763	5.280	4.023	88.643
392300e	5916200n	11.583	40.353	8.063	74.543	24.313	119.450

392300e	5916401n	13.143	32.920	7.737	71.143	27.600	127.440
392301e	5916004n	11.207	36.173	8.267	70.597	25.247	47.840
392302e	5917188n	10.010	5.133	0.527	4.100	4.833	81.503
392302e	5918598n	2.443	11.210	0.663	6.097	5.160	75.727
392303e	5918602n	0.850	4.390	0.795	8.580	3.895	70.165
392304e	5917415n	17.497	47.080	0.500	8.347	3.743	142.907
392320e	5916587n	12.483	38.030	7.807	90.773	25.240	146.420
392322e	5918394n	4.727	5.650	0.767	1.913	5.177	100.213
392325e	5916792n	33.377	8.770	0.270	5.343	3.917	134.110
392327e	5917799n	22.043	48.465	0.380	3.850	5.087	169.037
392329e	5917607n	14.293	6.267	0.840	2.590	3.793	120.193
392331e	5917002n	0.243	4.170	0.563	82.540	4.527	93.637
392333e	5918005n	0.870	6.470	0.610	81.530	4.647	172.840
392337e	5918203n	4.667	11.843	0.647	8.440	4.023	106.377
392350e	5915800n	0.387	4.173	0.730	6.587	4.550	55.563
392350e	5916401n	11.770	35.113	7.850	79.217	24.473	93.000
392351e	5916200n	10.993	35.753	7.930	73.360	25.480	148.470
392352e	5916000n	10.393	34.430	7.843	66.670	23.803	43.627
392352e	5917185n	10.730	4.477	0.487	5.570	4.367	86.060
392355e	5917403n	0.340	3.413	0.657	6.343	2.647	114.630
392364e	5918598n	2.457	4.270	0.800	3.217	3.890	80.733
392367e	5916584n	12.920	38.653	7.760	69.733	25.093	138.533
392375e	5918388n	4.423	4.727	0.800	9.320	3.757	76.617
392377e	5916790n	20.700	38.030	3.543	1.697	4.367	180.970
392377e	5917805n	18.107	4.963	0.750	3.613	5.183	169.510
392379e	5917605n	16.363	4.397	0.737	4.230	4.310	82.167
392380e	5918007n	4.730	5.060	0.770	2.617	5.060	139.757
392400e	5915800n	13.567	3.520	0.713	5.013	4.733	65.410
392400e	5916000n	15.177	36.383	7.970	69.403	24.610	75.363
392400e	5916199n	14.490	34.300	7.707	67.347	25.700	74.403
392400e	5916398n	10.320	32.890	7.760	72.897	24.790	74.537
392403e	5917180n	10.150	3.713	0.497	6.743	2.997	90.353
392407e	5917402n	15.097	5.387	0.847	2.783	4.197	252.807
392414e	5916581n	43.110	37.553	8.077	86.530	24.940	186.533
392424e	5917801n	12.560	3.780	0.637	7.013	2.767	129.500
392424e	5918395n	2.877	12.170	0.687	8.723	4.390	144.853
392426e	5916787n	13.493	8.753	0.663	5.683	4.080	134.603
392427e	5917606n	13.017	4.160	0.727	6.590	4.067	129.417
392430e	5918000n	0.477	4.113	0.877	1.787	4.887	190.997
392431e	5918214n	2.587	5.013	0.747	8.453	4.190	90.033
392449e	5915999n	11.450	35.570	7.767	69.300	25.393	48.833
392450e	5915800n	14.970	3.507	0.727	5.377	4.130	59.680
392450e	5916400n	11.883	35.073	7.820	70.167	24.897	161.527
392453e	5916200n	12.153	33.180	7.753	69.160	25.053	98.477
392454e	5917181n	14.530	48.790	0.673	3.003	4.067	190.663
392455e	5917402n	13.135	37.830	0.567	5.710	3.977	235.850
392456e	5918610n	4.065	10.025	0.900	4.930	7.185	196.075
392464e	5916576n	10.937	34.957	7.723	72.737	25.020	101.223
392471e	5918397n	0.200	3.103	0.790	6.497	4.280	60.193
392474e	5917806n	14.240	38.680	0.450	6.327	3.800	136.407

392476e	5916790n	24.100	42.020	0.863	5.693	5.487	164.570
392481e	5917608n	12.840	6.680	0.713	4.127	4.687	154.397
392482e	5916999n	15.420	5.703	0.657	103.320	4.660	79.217
392482e	5918215n	0.463	3.887	0.717	5.617	3.973	92.053
392483e	5917994n	14.860	7.670	0.193	2.470	3.147	140.207
392498e	5918605n	2.533	12.200	0.777	5.060	4.943	97.280
392499e	5916400n	10.777	35.953	8.023	72.727	25.570	207.880
392500e	5915800n	14.395	4.287	0.600	6.067	3.980	67.380
392500e	5916199n	14.293	35.820	7.820	71.790	25.470	157.050
392510e	5917406n	11.260	5.053	0.767	3.893	3.917	198.277
392513e	5916571n	10.253	34.380	7.707	67.613	25.290	83.683
392517e	5918404n	0.440	5.757	0.833	1.420	4.073	71.173
392524e	5917800n	19.170	5.203	0.527	76.960	3.087	117.117
392526e	5916788n	0.520	3.420	3.243	3.997	2.717	87.887
392530e	5917993n	19.600	6.380	0.933	3.983	4.930	148.223
392531e	5917001n	15.185	4.853	0.757	8.367	4.717	83.577
392531e	5918206n	0.633	3.357	0.707	5.173	4.263	133.170
392532e	5917614n	19.003	48.280	0.727	93.990	5.297	159.493
392549e	5916200n	13.067	34.380	7.763	68.807	25.100	95.607
392549e	5916400n	13.760	33.187	7.823	69.777	25.457	138.823
392553e	5917402n	12.663	6.017	0.853	2.350	4.740	196.570
392554e	5918605n	3.023	6.543	0.597	4.303	5.113	137.657
392558e	5916000n	10.753	34.373	7.797	69.570	24.227	61.980
392558e	5917183n	13.440	42.680	0.633	5.717	4.293	149.343
392561e	5916574n	11.703	35.473	7.950	71.337	24.610	80.317
392565e	5918402n	0.687	1.160	0.130	2.527	3.987	61.127
392574e	5916793n	18.760	8.147	4.100	7.360	2.507	151.143
392575e	5917802n	19.643	4.793	0.487	79.210	4.693	120.603
392579e	5916997n	15.505	40.970	0.743	4.737	5.153	126.017
392579e	5917597n	13.220	3.830	0.373	5.330	3.550	133.827
392579e	5918200n	13.500	4.777	0.627	1.497	4.380	101.893
392580e	5915800n	342.440	167.463	0.227	229.747	5.783	278.877
392581e	5918000n	5.007	6.587	0.843	21.407	4.550	270.087
392598e	5916000n	11.307	33.013	7.813	67.747	25.183	64.097
392599e	5916200n	9.843	32.593	7.690	72.907	25.663	63.193
392600e	5915800n	74.730	42.650	0.505	1.480	3.430	217.960
392600e	5915800n	74.767	45.863	0.793	5.673	4.680	222.827
392600e	5916399n	11.023	51.587	7.810	77.623	24.330	120.827
392608e	5916606n	0.647	4.710	0.720	1.633	4.160	121.493
392608e	5917185n	0.633	2.270	0.697	6.473	3.693	79.150
392609e	5917410n	23.697	78.247	3.457	142.455	3.267	496.063
392610e	5918408n	9.970	3.477	0.580	69.190	3.790	82.550
392614e	5916570n	10.707	39.190	7.803	70.867	24.607	116.533
392621e	5917806n	15.913	46.260	0.633	3.453	4.413	127.127
392624e	5917603n	11.760	4.893	0.673	7.490	4.147	154.003
392628e	5918197n	10.810	4.393	0.767	3.340	3.990	106.263
392630e	5916995n	14.710	40.640	0.707	6.830	4.813	145.687
392631e	5917999n	14.110	50.580	0.777	5.650	3.583	115.947
392633e	5918208n	2.320	3.180	0.820	5.980	4.097	94.227
392647e	5916000n	9.940	32.340	7.657	66.130	25.363	52.257

392650e	5915800n	102.690	2.230	0.523	4.467	5.173	122.830
392650e	5916200n	17.377	35.837	7.753	70.603	25.443	80.437
392652e	5916400n	12.340	40.490	7.657	67.393	25.247	62.290
392655e	5917191n	12.923	3.777	0.613	75.860	5.337	101.017
392657e	5916802n	0.217	3.210	0.663	3.253	3.267	88.087
392658e	5917411n	14.925	44.150	0.777	2.143	3.690	175.637
392667e	5916583n	11.043	42.187	7.940	88.160	24.003	302.023
392667e	5918411n	29.083	4.793	0.727	7.737	3.197	105.257
392671e	5917802n	12.093	37.640	0.817	3.980	3.963	200.260
392673e	5916799n	307.950	46.610	0.863	4.243	4.470	105.103
392674e	5917610n	13.230	5.447	3.710	3.963	2.663	431.350
392681e	5916994n	12.700	4.930	0.803	6.730	4.523	134.777
392683e	5918194n	0.497	3.497	0.510	5.273	4.560	108.353
392684e	5918002n	13.570	38.220	0.693	5.287	4.180	103.197
392695e	5918634n	9.777	34.153	7.783	68.730		87.793
392699e	5916000n	9.053	33.683	7.517	63.930	25.080	54.660
392700e	5916200n	16.230	35.353	7.887	76.657	24.717	118.573
392700e	5916400n	10.923	42.717	7.610	67.450	24.823	59.127
392701e	5915800n	21.003	3.697	3.293	7.033	4.430	75.687
392706e	5917192n	19.190	42.840	0.640	81.750	5.297	106.467
392709e	5917410n	11.050	5.930	0.707	1.777	3.597	303.317
392713e	5916589n	17.360	39.090	8.097	72.260	25.153	181.283
392716e	5917799n	13.077	5.137	0.707	6.857	4.247	137.560
392719e	5918391n	18.257	13.467	0.680	19.193	3.970	140.000
392720e	5916809n	13.187	6.510	0.607	87.640	4.710	143.353
392731e	5916991n	16.590	5.243	0.727	1.487	3.877	98.017
392732e	5917606n	9.420	1.480	0.477	4.327	2.993	155.037
392732e	5918201e	0.573	5.590	0.553	4.550	3.007	168.483
392733e	5918000n	11.625	6.707	0.650	4.117	3.557	157.263
392747e	5916000n	11.963	32.833	7.667	64.287	26.010	70.033
392747e	5916400n	12.073	34.483	7.690	68.827	24.553	131.897
392750e	5915800n	34.570	3.337	0.727	1.890	5.080	92.937
392750e	5916200n	13.740	36.530	7.477	79.883	28.713	154.860
392755e	5917411n	14.035	5.843	0.330	2.543	4.280	363.273
392755e	5918610n	0.137	3.073	0.720	7.020	3.960	66.270
392758e	5917198n	0.717	43.390	0.660	5.007	4.387	87.540
392762e	5917213n	13.030	6.780	3.893	2.877	4.787	159.373
392763e	5916585n	12.087	35.873	7.807	72.940	25.190	103.360
392765e	5918399n	3.090	5.793	0.170	3.117	3.773	200.377
392767e	5916802n	17.420	7.297	0.867	2.987	4.130	130.700
392768e	5917802n	14.410	3.320	0.540	100.860	4.640	155.180
392774e	5917601n	0.600	4.840	0.670	8.287	3.227	136.443
392778e	5918199n	15.673	48.863	0.063	93.890	4.217	282.640
392782e	5916991n	19.473	40.860	0.683	4.707	4.353	142.560
392783e	5918000n	2.587	5.657	0.627	5.100	4.237	130.827
392799e	5916200n	23.233	35.430	7.863	70.030	22.950	212.433
392800e	5916001n	12.943	37.767	7.613	70.117	24.790	112.530
392800e	5916400n	11.283	34.960	7.633	72.923	24.177	87.397
392802e	5915800n	26.287	3.550	0.607	6.793	4.137	134.963
392805e	5917415n	11.720	42.990	0.843	1.903	4.963	77.447

392808e	5918612n	10.480	3.013	0.763	8.247	4.510	91.860
392809e	5917197n	15.287	6.000	0.807	6.683	4.223	98.543
392811e	5916593n	16.080	36.187	7.860	71.450	24.310	106.737
392815e	5918410n	4.680	5.613	0.753	4.407	4.157	77.973
392818e	5917206n	11.995	3.427	0.650	9.183	4.060	333.027
392821e	5916802n	14.120	5.883	0.807	8.817	4.150	84.297
392829e	5918204n	0.587	4.297	0.543	7.653	3.090	117.840
392832e	5916994n	13.873	4.150	0.640	5.833	3.570	112.900
392833e	5917601n	15.120	6.187	0.510	76.530	4.133	293.683
392834e	5918005n	21.637	124.513	0.323	160.847	4.270	329.900
392840e	5918620n	0.360	9.037	2.640	5.040	0.877	60.300
392849e	5916201n	14.103	35.227	7.957	68.913	26.433	208.337
392849e	5916399n	11.097	35.197	7.923	73.240	25.130	168.210
392850e	5916001n	11.700	35.477	8.020	71.333	25.410	70.037
392853e	5915802n	20.150	6.727	0.867	4.547	4.517	140.200
392857e	5917413n	70.693	40.620	0.740	7.640	3.520	99.400
392858e	5916600n	13.437	34.357	7.663	67.490	24.933	129.320
392867e	5918398n	2.440	4.057	0.720	5.743	3.150	82.607
392872e	5917798n	12.290	5.667	0.683	5.953	4.180	128.650
392874e	5916800n	12.830	7.020	0.367	1.277	3.030	58.213
392876e	5917600n	0.587	3.833	0.627	5.357	2.560	314.597
392877e	5918007n	13.080	41.340	0.630	6.307	4.600	107.237
392880e	5916993n	31.640	40.050	0.600	3.503	2.793	107.643
392900e	5915801n	15.467	6.277	0.657	3.603	3.967	91.740
392900e	5916001n	13.447	35.520	7.807	70.223	24.610	133.243
392900e	5916201n	18.747	35.713	7.870	71.063	25.363	88.120
392900e	5916399n	18.600	36.103	7.903	70.863	25.143	151.470
392901e	5918601n	16.640	5.123	0.360	8.017	3.137	101.040
392909e	5916598n	24.633	39.023	7.683	72.280	24.230	166.130
392909e	5917412n	14.777	5.230	0.687	7.467	4.547	108.890
392909e	5918401n	0.477	4.847	0.477	6.957	4.680	110.260
392910e	5917203n	16.090	38.230	0.593	74.870	4.020	97.290
392910e	5917802n	13.565	4.603	0.573	6.050	3.683	121.673
3929207e	5917406n	0.180	4.100	0.503	8.020	3.773	148.133
392921e	5916791n	13.180	7.413	0.507	7.443	4.700	107.473
392922e	5917602n	15.460	6.977	6.017	2.543	4.083	395.937
392930e	5917999n	11.910	7.027	0.287	3.220	4.633	153.717
392931e	5916997n	17.905	5.230	0.690	5.313	4.783	92.457
392932e	5918208n	0.503	4.787	0.623	20.513	3.980	143.787
392949e	5916200n	21.007	52.897	7.683	76.543	25.767	184.403
392950e	5916002n	19.187	35.920	7.947	73.997	25.503	133.910
392951e	5916400n	18.790	35.973	7.717	68.800	24.303	178.803
392952e	5915800n	13.470	2.987	0.533	7.093	3.933	56.827
392955e	5918613n	25.893	6.860	0.880	5.373	4.913	227.887
392958e	5917408n	16.185	3.963	0.683	3.240	3.237	97.620
392961e	5916602n	18.957	37.197	7.957	73.370	24.380	86.277
392964e	5917796n	12.740	5.463	0.490	2.460	4.247	139.417
392968e	5916801n	17.413	5.537	0.500	3.907	4.547	101.517
392968e	5918410n	2.617	10.467	0.647	6.263	3.107	110.487
392969e	5917601n	13.370	3.177	0.593	5.763	3.843	81.190

392982e	5918000n	0.440	37.970	0.577	5.323	4.463	108.737
392983e	5916996n	10.350	3.950	0.647	7.617	3.943	82.833
392983e	5918207n	5.160	10.363	0.583	8.977	4.150	131.613
393000e	5915800n	0.713	5.227	0.730	5.257	4.263	107.560
393000e	5916200n	11.400	33.233	7.680	67.313	25.300	119.987
393000e	5916403n	12.620	35.640	7.713	68.627	24.397	96.920
393001e	5916002n	19.437	39.023	7.817	71.460	25.040	207.307
393007e	5917401n	19.373	5.140	0.633	3.903	3.043	147.207
393007e	5918604n	0.483	6.670	0.590	2.177	5.017	239.427
393010e	5918405n	4.630	41.763	0.473	3.587	3.833	133.473
393011e	5917797n	11.425	3.933	0.537	79.200	5.183	117.240
393013e	5917199n	19.397	46.835	0.523	2.927	3.680	81.553
393020e	5917607n	0.320	7.707	6.533	1.457	8.283	92.340
393028e	5916791n	16.657	4.190	0.693	5.503	4.013	79.563
393030e	5918214n	16.703	6.193	0.710	2.550	4.040	152.987
393032e	5916997n	11.850	3.227	0.587	5.303	4.107	72.553
393035e	5918004n	0.243	5.127	0.513	3.383	3.283	90.553
393048e	5916200n	14.820	35.213	7.643	69.600	25.577	106.953
393050e	5915800n	13.930	4.947	0.613	5.290	4.293	73.550
393050e	5915998n	19.273	44.157	7.837	84.683	24.673	292.837
393052e	5918598n	10.880	8.230	0.667	5.770	5.653	224.827
393053e	5916400n	20.403	36.327	7.937	80.497	24.597	187.960
393054e	5917415n	18.450	5.340	0.547	7.817	3.460	90.617
393057e	5918404n	2.430	19.357	0.670	18.333	3.417	216.153
393059e	5917799n	15.137	5.517	0.560	1.703	4.273	128.377
393064e	5916596n	11.603	34.750	7.780	69.593	23.590	148.707
393064e	5917200n	0.157	2.987	0.520	6.307	3.923	83.193
393068e	5916785n	12.420	7.147	0.843	1.803	5.250	91.117
393070e	5917606n	6.503	10.400	3.103	3.457	6.873	155.790
393074e	5918211n	2.593	3.873	0.600	6.913	4.457	154.937
393081e	5918007n	14.375	38.480	0.503	4.840	2.657	69.623
393093e	5918603n	14.015	36.570	0.597	3.523	3.933	111.097
393100e	5916199n	33.920	41.997	8.303	95.283	25.410	177.387
393102e	5915997n	13.413	38.353	7.670	68.977	23.567	176.110
393102e	5917802n	12.720	3.940	3.690	6.910	3.683	150.597
393103e	5915796n	15.580	6.363	0.813	1.550	4.163	146.950
393103e	5916400n	10.643	35.940	7.557	67.233	24.560	118.680
393103e	5917396n	14.840	3.490	0.667	5.443	3.317	102.073
393105e	5918403n	2.310	2.700	0.540	7.110	3.630	64.037
393111e	5917198n	11.890	6.033	0.780	7.900	2.660	103.187
393113e	5916604n	13.900	35.290	8.320	67.343	23.907	118.907
393118e	5917602n	8.327	8.290	0.283	8.080	7.950	135.343
393120e	5916782n	14.900	4.677	0.890	4.833	3.993	132.910
393128e	5918208n	0.557	5.317	0.753	6.677	3.453	146.100
393132e	5916990n	0.213	3.140	0.730	8.210	3.687	99.680
393136e	5918008n	12.395	2.487	0.453	71.120	4.037	132.267
393150e	5916199n	12.303	35.343	6.850	67.257	24.540	202.423
393150e	5916400n	12.080	33.633	7.620	69.487	24.833	162.403
393151e	5916000n	17.683	35.400	7.727	68.140	26.067	165.313
393151e	5917404n	15.323	5.413	0.610	7.233	2.587	92.957

393153e	5915797n	11.260	5.170	0.867	3.967	4.203	109.357
393154e	5917799n	35.290	6.883	0.113	3.257	5.763	342.627
393155e	5918406n	15.680	5.343	3.633	6.387	4.990	110.530
393159e	5918599n	11.665	44.050	0.580	3.380	3.537	165.133
393162e	5917203n	10.680	5.303	0.780	77.630	4.503	74.103
393165e	5916592n	14.083	33.117	7.700	69.850	24.910	88.553
393167e	5917608n	16.423	6.953	0.920	2.120	4.683	134.907
393169e	5916781n	14.677	4.563	0.733	6.913	4.087	90.863
393178e	5918206n	15.177	3.810	0.630	6.403	3.257	113.947
393181e	5916985n	15.115	3.477	0.400	8.800	4.177	61.693
393186e	5918009n	2.040	2.287	0.580	5.553	3.940	189.233
393191e	5917414n	13.047	4.640	0.787	6.217	4.327	210.113
393198e	5916400n	18.293	43.980	0.630	6.157	4.983	170.600
393198e	5917791n	11.915	5.490	0.617	6.573	4.413	104.370
393199e	5915799n	11.870	2.933	0.503	7.340	4.060	134.190
393199e	5916000n	12.977	34.813	7.563	70.980	25.527	165.193
393200e	5916200n	16.920	35.387	7.663	70.890	24.623	191.347
393202e	5918597n	11.380	4.657	0.693	1.977	4.130	263.290
393205e	5917398n	14.560	4.803	0.667	6.450	3.693	130.667
393214e	5916603n	15.783	36.757	7.693	73.543	24.303	138.423
393216e	5918415n	4.553	5.057	3.157	6.437	3.103	93.223
393217e	5917204n	11.340	6.353	0.833	5.423	4.107	116.133
393218e	5917608n	20.987	14.170	0.940	2.787	5.090	181.560
393223e	5916786n	20.343	89.283	0.477	4.847	4.143	157.290
393227e	5918206n	2.337	3.223	0.700	6.497	3.640	122.933
393231e	5918010n	12.837	12.997	0.677	21.437	2.373	180.073
393232e	5916986n	10.950	4.947	0.557	86.940	4.180	79.290
393244e	5917796n	13.480	4.277	0.683	8.420	4.107	126.250
393247e	5918587n	12.090	5.310	0.547	5.273	4.483	133.137
393250e	5915797n	15.435	5.287	3.037	7.650	4.153	161.917
393250e	5916001n	11.233	33.280	7.660	67.853	25.003	121.713
393250e	5916199n	20.913	36.457	7.940	72.693	25.870	159.647
393250e	5917394n	14.867	42.820	0.527	5.927	2.773	110.077
393253e	5916400n	10.645	41.830	0.723	6.310	4.403	150.957
393253e	5918393n	0.507	4.657	0.607	7.217	3.973	164.860
393263e	5916604n	18.540	37.847	7.547	67.280	24.707	165.803
393263e	5917207n	14.667	6.600	0.880	6.203	3.693	107.223
393268e	5917605n	15.330	12.187	2.180	5.723	3.843	110.643
393273e	5916792n	0.593	3.963	0.723	8.897	3.007	134.787
393277e	5918199n	0.530	43.795	0.670	6.170	4.443	143.247
393281e	5916989n	12.720	2.560	0.457	5.373	3.563	85.467
393283e	5918005n	0.387	5.577	0.627	5.237	3.637	134.177
393294e	5917803n	11.350	54.450	0.823	3.653	2.833	107.707
393299e	5916200n	20.033	34.993	7.837	71.097	25.163	151.777
393301e	5916000n	15.343	35.097	7.723	67.337	23.677	51.260
393301e	5918402n	4.383	3.150	0.367	4.443	4.160	92.500
393302e	5916400n	16.617	4.967	0.677	5.130	4.297	176.390
393302e	5917396n	12.460	61.100	0.750	3.120	4.380	109.507
393307e	5915800n	12.520	8.570	0.110	84.250	5.353	378.087
393307e	5918579n	0.403	5.687	3.287	6.490	4.760	148.563

393316e	5916600n	18.027	35.333	7.690	69.047	24.377	169.910
393316e	5917208n	11.147	41.900	0.703	8.767	4.740	91.643
393317e	5917605n	18.190	5.653	0.477	1.810	5.453	210.223
393321e	5916799n	16.880	41.240	0.663	6.900	3.697	107.600
393321e	5918204n	0.480	53.150	0.607	7.550	4.067	124.147
393332e	5916994n	11.470	43.700	0.470	5.270	4.520	119.187
393339e	5918005n	5.437	6.787	0.380	3.793	2.950	211.980
393344e	5917792n	12.340	6.243	0.590	6.793	3.690	113.707
393347e	5918397n	4.763	4.907	0.513	4.293	4.230	101.017
393348e	5916000n	17.897	35.293	7.693	67.177	25.287	88.783
393349e	5916198n	10.237	35.763	7.773	70.490	25.247	70.323
393350e	5915801n	26.263	2.837	0.420	6.333	3.390	162.417
393350e	5916401n	18.293	6.597	0.690	2.413	5.417	105.507
393353e	5917395n	17.507	7.227	0.727	6.043	4.753	120.317
393353e	5918592n	0.463	49.390	0.690	4.973	4.130	99.533
393364e	5916603n	19.600	35.007	7.847	70.533	24.307	174.907
393364e	5917211n	14.247	7.293	0.137	2.247	2.967	143.893
393369e	5917600n	4.790	6.613	0.870	4.283	5.067	101.930
393370e	5918197n	12.990	5.407	0.603	4.690	3.570	141.743
393371e	5916810n	13.997	7.400	0.673	5.250	3.707	114.637
393380e	5918006n	4.793	6.307	3.453	3.750	2.970	149.257
393382e	5917008n	19.000	5.687	0.827	3.540	5.020	138.923
393392e	5918604n	18.030	4.877	0.487	3.660	3.913	112.787
393394e	5917803n	11.950	3.523	0.480	8.193	3.567	134.597
393399e	5916199n	9.160	31.767	7.120	62.883	25.470	87.590
393400e	5915798n	19.850	4.357	0.860	6.223	4.750	114.930
393401e	5916399n	11.570	3.553	0.540	5.873	3.807	100.137
393402e	5918401n	4.573	5.910	0.687	3.800	4.543	121.333
393403e	5916000n	25.823	33.143	7.673	69.713	25.623	98.913
393404e	5917395n	11.205	5.703	0.783	4.230	3.983	111.383
393408e	5916606n	12.163	35.213	7.773	67.873	24.343	127.830
393411e	5917207n	13.513	5.113	0.653	5.717	4.413	85.630
393418e	5917602n	2.350	4.013	0.667	6.453	4.390	147.330
393421e	5918197n	55.860	141.880	3.450	193.457	3.397	246.453
393422e	5916814n	16.480	5.283	0.917	3.247	3.660	110.413
393432e	5916989n	16.730	5.803	0.693	8.300	4.620	120.253
393442e	5917808n	11.500	40.290	3.843	3.567	2.203	242.193
393447e	5915801n	19.013	45.780	0.823	116.230	4.293	120.633
393447e	5916000n	19.737	35.577	8.140	74.363	24.547	87.050
393448e	5916199n	10.003	34.333	7.747	69.813	23.650	73.750
393451e	5916401n	18.070	36.823	7.570	70.227	24.667	130.703
393452e	5918401n	5.027	6.157	0.477	6.903	4.083	119.680
393457e	5917399n	16.370	48.920	0.343	83.790	3.300	173.843
393457e	5918599n	12.670	3.257	0.457	5.063	4.027	101.513
393461e	5917208n	10.630	4.697	0.690	4.903	3.973	88.523
393463e	5917602n	20.027	81.557	3.070	227.123	4.710	962.613
393467e	5916602n	12.603	35.043	7.793	68.790	24.737	115.783
393471e	5916811n	10.380	4.703	0.567	5.863	3.543	117.843
393471e	5918201n	12.753	5.043	0.633	4.897	3.910	144.603
393482e	5918007n	28.103	8.783	0.077	7.360	4.393	131.223

393491e	5916994n	12.937	4.773	0.737	7.387	4.263	97.237
393493e	5917800n	0.437	3.570	0.647	7.190	2.207	171.880
393493e	5918397n	12.147	4.100	0.600	4.577	4.480	105.737
393498e	5918596n	0.820	3.647	0.473	2.457	3.830	106.360
393499e	5915800n	19.773	6.330	0.807	5.023	4.327	144.160
393500e	5916199n	11.977	35.273	7.987	73.097	24.453	94.800
393500e	5916402n	14.745	5.513	0.773	5.580	4.330	187.573
393501e	5915999n	24.490	38.453	8.153	73.737	24.587	175.143
393505e	5915995n	13.090	34.647	7.730	67.957	24.600	40.173
393505e	5917396n	15.513	57.200	0.627	3.650	4.190	146.563
393510e	5917200n	22.060	47.053	0.623	1.537	4.827	106.810
393515e	5917606n	2.933	7.910	0.887	3.600	4.253	218.210
393517e	5916603n	13.010	33.367	7.700	65.973	24.660	93.980
393518e	5916800n	14.500	5.103	0.777	2.320	3.260	150.373
393518e	5918202n	14.387	4.417	0.730	3.903	4.540	109.780
393531e	5918007n	0.667	11.670	0.540	19.640	3.593	109.147
393532e	5916989n	22.593	45.310	0.337	7.137	5.207	164.383
393532e	5918618n	14.895	4.763	0.880	5.347	4.090	116.280
393540e	5917795n	11.470	4.417	0.650	1.913	3.923	99.553
393545e	5918406n	2.517	4.007	0.593	5.917	4.040	112.857
393548e	5916200n	12.770	35.423	7.857	68.430	25.413	70.667
393548e	5916400n	11.790	4.237	0.673	6.803	4.290	111.003
393550e	5915801n	21.063	39.040	0.800	74.420	4.033	121.720
393550e	5916000n	20.043	36.613	7.910	71.193	24.887	150.470
393554e	5917201n	10.020	2.670	0.723	7.963	3.280	78.130
393556e	5917399n	0.353	5.573	0.487	85.290	3.123	99.503
393566e	5917608n	0.603	5.197	0.587	5.213	3.850	97.760
393567e	5916604n	14.480	35.213	7.753	70.950	24.460	142.890
393567e	5916797n	11.180	3.250	0.623	6.467	2.970	157.443
393572e	5918202n	11.550	6.073	0.747	3.973	4.050	118.163
393580e	5918015n	11.990	3.833	0.703	5.057	4.453	106.490
393584e	5917000n	14.563	40.760	0.800	4.200	4.050	146.197
393586e	5917797n	24.017	3.213	0.573	6.990	4.033	88.397
393590e	5918599n	9.730	38.830	0.423	3.843	4.217	100.237
393598e	5918397n	4.473	10.977	0.473	18.147	3.740	93.813
393599e	5916199n	16.503	34.837	7.720	68.323	24.537	96.127
393600e	5916000n	21.090	34.550	7.740	67.327	24.847	103.290
393600e	5916400n	19.440	4.697	0.733	1.463	5.107	97.280
393601e	5915800n	20.120	7.143	8.980	1.913	4.000	302.697
393602e	5917399n	11.790	5.197	6.180	5.150	3.557	85.700
393609e	5917201n	19.930	5.453	0.710	1.797	4.287	106.833
393614e	5916602n	20.290	36.520	7.933	72.297	24.007	211.723
393615e	5916803n	16.900	40.420	4.073	2.743	2.863	143.187
393615e	5917602n	5.463	7.067	0.883	2.483	4.000	163.293
393615e	5917605n	0.373	11.907	0.713	8.120	3.660	131.920
393621e	5918199n	0.647	3.710	0.707	6.080	4.127	150.087
393625e	5916799n	11.710	44.470	0.610	1.323	4.870	136.577
393625e	5918003n	16.457	8.147	0.747	92.060	4.257	126.830
393632e	5916997n	16.910	5.543	0.860	4.153	4.600	128.873
393641e	5917797n	18.690	47.600	0.570	1.337	4.137	101.700

393648e	5918606n	0.640	3.287	0.483	4.923	3.693	82.157
393649e	5915801n	21.837	47.090	3.313	5.627	4.540	348.117
393649e	5916400n	11.200	2.633	0.483	3.970	4.237	79.237
393650e	5918411n	0.600	5.150	0.600	7.480	4.317	91.123
393651e	5916000n	203.240	48.883	8.177	79.060	24.597	357.527
393651e	5916199n	9.693	33.097	7.450	67.593	25.270	91.123
393653e	5917397n	15.190	5.890	3.703	5.457	2.867	146.217
393656e	5916803n	12.570	2.910	0.700	6.830	3.290	137.023
393660e	5916608n	13.557	34.797	7.783	67.480	24.290	191.270
393660e	5917200n	0.767	48.810	0.317	3.763	3.313	96.177
393664e	5917603n	20.387	116.280	0.387	41.103	2.903	259.443
393671e	5918202n	10.360	1.597	0.607	6.960	3.560	122.967
393678e	5918008n	18.323	6.603	0.620	1.267	3.013	176.840
393684e	5916996n	14.870	6.177	3.273	5.123	4.813	83.243
393687e	5917798n	11.990	2.790	0.603	3.307	3.697	95.370
393695e	5918408n	4.567	18.630	0.540	5.783	3.533	126.483
393700e	5915800n	38.193	48.190	0.103	3.843	4.397	344.683
393700e	5915999n	40.330	35.247	7.893	72.613	25.453	173.147
393700e	5916200n	9.987	32.640	7.510	65.237	24.993	71.070
393700e	5916401n	11.290	5.793	0.713	8.750	5.230	92.547
393703e	5918592n	14.340	44.500	0.563	8.110	4.190	112.037
393706e	5917396n	15.330	7.477	0.640	5.437	4.947	205.643
393716e	5917605n	16.980	6.087	0.740	4.417	4.470	180.867
393717e	5916608n	16.320	35.557	7.533	66.947	24.657	188.140
393718e	5916803n	11.690	5.380	0.867	7.903	3.453	138.513
393726e	5918012n	10.760	52.880	0.680	2.483	4.803	143.943
393728e	5917003n	21.950	41.040	0.640	5.090	4.237	99.910
393734e	5917801n	15.417	4.087	0.817	7.060	4.320	153.870
393750e	5916200n	16.353	35.943	7.867	67.567	25.423	140.633
393750e	5916402n	132.537	7.327	0.367	3.900	5.473	204.120
393750e	5918407n	2.720	4.990	0.537	6.097	4.423	92.707
393751e	5915801n	302.580	72.963	17.243	132.310	20.977	2153.620
393751e	5916000n	30.463	35.850	7.697	70.777	23.913	100.613
393755e	5918592n	20.400	37.160	0.570	6.290	3.427	177.513
393757e	5917400n	17.583	56.480	11.123	8.243	3.597	261.887
393760e	5917203n	16.287	38.780	0.680	3.430	3.977	132.783
393762e	5917600n	31.250	7.200	0.880	5.300	4.203	176.287
393764e	5916796n	20.197	46.200	0.813	3.720	3.393	213.443
393770e	5916610n	17.640	37.780	7.030	76.480	25.590	165.973
393780e	5917004n	29.403	6.833	0.403	4.070	6.293	288.027
393780e	5918007n	4.803	6.623	0.733	1.793	3.640	138.850
393785e	5917800n	0.590	6.507	0.920	1.650	3.460	181.867
393797e	5918401n	2.650	4.487	0.500	5.550	4.750	104.447
393797e	5918597n	17.680	4.867	0.613	81.010	4.077	201.503
393800e	5915806n	702.193	58.673	15.800	5.750	8.080	854.563
393800e	5916001n	12.990	35.460	7.693	71.437	23.837	140.043
393800e	5916200n	26.430	35.727	7.780	69.310	24.473	161.933
393801e	5917401n	20.440	3.970	0.853	5.903	4.607	140.220
393802e	5916402n	39.247	4.460	0.770	5.063	4.750	98.927
393812e	5917194n	11.235	4.203	0.750	4.140	5.050	94.977

393814e	5916607n	25.210	37.967	8.273	75.850	25.553	374.087
393816e	5916800n	21.103	8.457	0.427	99.250	4.353	371.263
393823e	5918012n	2.570	3.890	0.687	6.817	2.640	112.737
393828e	5917008n	22.800	6.023	5.977	4.920	5.080	134.670
393829e	5917800n	0.453	44.580	0.713	4.053	4.080	99.473
393837e	5918396n	20.437	6.037	0.457	7.227	5.717	103.853
393850e	5916000n	19.337	33.803	7.683	67.437	23.687	145.517
393850e	5916399n	15.840	2.320	0.510	7.597	7.650	88.097
393851e	5916200n	28.420	34.647	7.920	70.740	25.253	116.177
393852e	5917399n	13.847	6.483	1.897	6.573	2.347	115.433
393852e	5918588n	15.020	4.600	0.627	5.393	5.017	179.123
393854e	5915800n	47.917	51.587	19.707	94.253	27.463	583.377
393862e	5917199n	17.017	41.090	0.813	93.210	4.667	159.157
393864e	5916605n	17.330	34.117	8.020	69.877	24.193	249.680
393866e	5917598n	5.190	6.920	0.713	4.887	5.080	161.477
393867e	5916804n	14.537	5.613	0.783	3.140	4.687	202.600
393868e	5917801n	0.520	5.147	3.587	4.007	2.413	82.557
393872e	5917001n	19.977	50.320	3.413	6.053	4.980	287.853
393874e	5918016n	12.307	14.117	0.133	3.173	4.860	326.450
393877e	5918209n	12.495	5.420	0.810	7.360	3.583	192.493
393889e	5918400n	22.960	3.793	0.660	4.457	4.673	132.587
393899e	5916400n	14.940	4.610	0.743	74.200	5.007	53.727
393900e	5915990n	25.107	42.110	7.910	72.293	24.927	145.113
393900e	5916200n	19.843	42.767	7.733	69.760	25.137	135.273
393901e	5917398n	15.637	54.550	0.433	85.560	4.323	219.183
393904e	5918597n	10.950	3.587	0.527	4.867	3.267	180.417
393906e	5915801n	38.470	75.307	13.530	128.130	27.163	593.680
393913e	5917207n	12.110	3.900	0.663	6.183	4.013	96.393
393913e	5917602n	21.867	13.297	2.723	2.970	4.427	103.353
393916e	5916603n	16.443	38.857	7.993	72.563	24.387	436.253
393921e	5916804n	23.047	39.810	3.593	4.127	3.837	224.347
393921e	5918015n	2.460	6.243	3.187	6.043	2.687	129.657
393922e	5917800n	0.240	40.800	0.617	6.093	4.143	81.217
393924e	5916998n	19.063	48.310	3.097	97.855	4.023	387.743
393927e	5918203n	15.900	12.123	0.723	3.393	4.123	150.927
393940e	5918406n	13.513	13.250	0.680	19.443	4.087	127.597
393950e	5916000n	22.497	34.277	7.753	70.247	22.877	207.693
393950e	5916198n	13.530	35.933	7.790	69.733	25.263	99.387
393950e	5916399n	11.937		7.860		25.317	60.023
393950e	5917395n	0.227	6.907	0.590	5.007	5.470	204.277
393951e	5915305n	42.040	56.803	8.250	85.157	24.773	292.520
393952e	5918588n	10.560	4.627	0.743	8.910	3.747	230.483
393962e	5917200n	17.827	5.337	0.727	8.600	3.103	106.700
393965e	5916805n	21.573	44.157	0.337	4.010	3.767	201.333
393967e	5916605n	26.300	36.743	9.723	74.867	24.503	430.040
393967e	5917601n	27.767	21.703	0.107	8.097	2.590	171.557
393967e	5918017n	4.910	6.197	0.847	1.593	3.533	130.677
393972e	5916995n	15.980	4.823	0.933	3.230	4.780	150.853
393972e	5917801n	0.897	39.480	0.600	4.540	3.800	89.877
393973e	5918199n	4.553	4.000	0.603	20.993	3.940	167.797

393993e	5918397n	29.110	19.590	0.673	2.340	4.557	127.857
393999e	5917389n	15.700	51.200	0.580	2.790	3.987	270.327
394000e	5915006n	16.667	34.153	8.227	71.380	24.400	222.290
394000e	5916001n	17.717	32.870	7.823	69.460	24.913	137.387
394000e	5916200n	12.047	32.677	7.770	65.723	24.753	91.380
394000e	5916400n	14.363	34.400	7.697	69.153	23.957	78.237
394008e	5917201n	14.477	4.873	0.767	7.303	3.543	123.857
394016e	5916605n	17.163	37.603	7.813	70.773	24.097	107.773
394016e	5916806n	44.667	44.560	0.343	6.413	3.627	244.630
394016e	5917800n	0.430	6.547	0.527	77.010	5.003	90.940
394017e	5917598n	17.660	55.253	0.910	24.950	4.700	318.440
394021e	5918006n	4.693	19.060	0.753	5.410	4.190	105.150
394022e	5916995n	17.293	6.567	0.653	4.023	5.050	219.150
394022e	5918203n	2.393	4.687	3.653	3.847	4.180	74.997
394022e	5918588n	12.955	5.447	0.670	5.123	5.110	131.467
394037e	5918403n	4.890	4.647	0.593	5.257	4.130	132.780
394044e	5917395n	16.763	5.980	0.777	4.647	4.440	128.987
394050e	5915798n	30.497	83.620	40.543	117.370	25.613	243.237
394050e	5916002n	20.490	34.677	7.887	66.620	24.240	117.760
394050e	5916200n	15.423	34.410	7.743	68.430	25.177	97.820
394050e	5916400n	10.353	36.297	7.753	69.560	25.173	212.930
394051e	5918610n	12.913	2.447	0.437	4.980	4.307	125.463
394061e	5917191n	13.013	5.487	0.707	7.810	3.990	119.410
394062e	5916609n	25.890	35.360	7.903	67.553	23.987	86.097
394062e	5917799n	12.423	4.810	3.303	3.953	2.640	174.810
394064e	5916798n	30.093	40.790	6.630	3.640	4.620	588.333
394064e	5917599n	0.490	5.767	0.880	17.820	3.973	380.280
394069e	5918008n	0.407	2.920	0.520	2.793	3.460	81.597
394070e	5917001n	34.790	51.150	2.870	5.360	4.890	267.663
394073e	5918202n	0.283	4.557	0.870	7.277	4.547	303.807
394087e	5918401n	0.197	4.680	0.800	19.217	4.873	102.750
394093e	5917400n	0.680	7.653	0.353	9.380	2.790	164.210
394099e	5915998n	37.307	38.970	7.840	72.840	23.997	259.150
394100e	5916200n	18.903	37.273	7.807	70.557	23.157	85.973
394100e	5916400n	49.023	36.287	7.973	72.540	24.770	77.920
394101e	5915800n	42.440	56.777	10.377	111.333	26.130	183.513
394103e	5918594n	12.180	4.667	0.413	5.420	3.587	125.390
394108e	5917798n	0.530	2.233	0.633	2.887	4.410	77.700
394110e	5917193n	16.957	3.620	0.590	5.923	3.397	87.603
394114e	5917604n	2.433	4.817	0.763	8.047	3.967	67.477
394115e	5918007n	2.430	4.847	6.907	20.760	1.417	115.590
394117e	5916803n	43.090	72.240	18.783	6.953	6.950	1184.247
394118e	5916607n	22.107	36.347	7.877	71.100	23.980	102.847
394119e	5916996n	58.010	3.050	3.223	3.887	4.840	290.987
394123e	5918200n	12.290	5.273	3.237	3.957	5.107	165.683
394137e	5918407n	4.507	5.627	0.603	6.557	4.877	130.777
394139e	5917408n	13.820	4.043	0.840	5.893	3.563	116.727
394149e	5916200n	15.987	39.530	7.213	64.030	25.337	114.590
394151e	5916001n	52.583	36.867	7.953	76.893	24.157	141.827
394151e	5916401n	10.697	33.120	7.450	64.760	25.153	69.000

394152e	5915801n	82.543	73.740	9.880	83.293	25.663	189.497
394158e	5916799n	44.963	1.677	12.330	94.830	5.570	911.063
394158e	5917194n	15.700	4.917	0.727	8.233	3.860	86.513
394162e	5917594n	35.807	6.993	0.650	5.307	5.023	203.743
394163e	5916604n	23.553	35.250	7.837	73.907	25.170	113.907
394168e	5916993n	20.073	6.040	3.083	5.203	4.103	149.390
394174e	5918200n	16.420	37.840	0.697	6.743	4.087	108.097
394196e	5918598n	17.875	36.980	0.643	6.847	4.487	270.490
394200e	5916200n	103.680	42.633	8.833	87.960	24.257	152.723
394200e	5916400n	14.583	35.783	7.503	67.710	24.837	95.473
394201e	5916001n	20.880	36.400	7.640	65.333	24.027	63.490
394205e	5917202n	17.120	6.647	0.687	5.963	4.020	157.420
394300e	5915800n	48.673	57.183	8.203	78.090	31.147	119.373
397238e	5918593n	4.420	3.617	0.813	4.993	4.590	102.470

APPENDIX 3

Comparison of XRF vs. 28 –Element ICP Analysis

SAMPLE	LOCATION	As	Cu	Mo	Ni	Sb	Zn
390601e	5915999n	10.190	35.820	7.777	77.973	24.720	134.637
		10	25	2	31	<5	131
390650e	5918198n	0.340	109.357	21.280	86.090	5.930	21.635
		<5	64	1	35	<5	8
390656e	5918603n	0.703	4.510	0.690	3.123	3.000	81.330
		5	12	1	18	<5	61
390693e	5916794n	0.290	6.877	0.727	34.833	3.910	127.997
		5	28	<1	59	<5	106
390712e	5917587n	4.703	13.730	0.817	2.340	4.370	73.777
		10	44	<1	35	<5	55
390746e	5915801n	0.700	5.403	0.847	2.760	4.937	83.197
		10	13	<1	26	<5	58
390756e	5917607n	0.640	10.880	0.813	6.010	3.910	99.170
		5	20	<1	22	<5	52
390800e	5916401n	9.953	36.330	7.703	71.250	24.600	107.167
		5	25	1	41	<5	87
390843e	5916200n	14.987	36.580	7.763	73.097	26.220	109.717
		15	24	<1	39	<5	87
390848e	5916996n	0.177	6.897	0.290	3.710	4.643	120.290
		5	22	<1	35	<5	97
390885e	5916602n	0.567	6.680	0.863	4.523	4.153	101.097
		5	22	<1	44	<5	80
390904e	5918604n	4.827	13.113	0.813	3.540	4.073	135.943
		5	17	<1	38	<5	101
391052e	5916003n	22.353	63.360	7.930	118.180	25.023	250.113
		15	54	<1	92	<5	187
391149e	5918011n	16.177	13.730	0.663	20.970	4.687	271.317
		15	27	2	63	<5	176
391194e	5915800n	12.095	2.960	0.713	7.477	4.247	85.480
		10	14	<1	31	<5	62
391202e	5916400n	12.227	36.457	7.853	77.777	24.057	172.487
		10	20	<1	44	<5	128
391210e	5917200n	0.593	5.763	0.920	6.363	4.967	134.577
		10	18	1	37	<5	105
391250e	5915804n	0.740	4.160	0.670	5.560	4.487	79.370
		5	12	<1	29	<5	62
391250e	5917605n	0.640	10.913	0.587	5.290	5.017	71.410
		5	15	<1	26	<5	48
391283e	5916603n	0.227	7.260	0.653	3.770	4.747	145.963
		10	23	<1	47	<5	106
391301e	5916000n	17.853	37.187	7.917	71.687	25.200	85.610
		15	20	<1	32	<5	59
391347e	5918206n	0.367	8.453	0.423	7.487	7.957	168.440
		<5	10	<1	15	<5	104
391350e	5916200n	14.810	41.453	7.687	76.407	25.427	155.407
		15	26	<1	55	<5	128
391356e	5917406n	2.413	11.810	0.667	7.200	5.090	66.003
		5	33	<1	42	<5	60

SAMPLE	LOCATION	As	Cu	Mo	Ni	Sb	Zn
391389e	5918019n	0.493	4.517	0.787	8.793	3.763	120.570
		5	11	<1	18	<5	81
391450e	5917183n	3.053	7.137	0.340	6.617	5.020	71.413
		10	25	<1	24	<5	53
391456e	5918605n	2.907	6.757	0.623	3.653	5.123	144.197
		10	16	1	20	<5	90
391534e	5918198n	0.340	51.157	21.217	2.017	3.063	293.283
		5	13	1	16	<5	76
391553e	5917598n	2.500	3.673	0.477	8.493	4.210	82.787
		5	18	<1	36	<5	56
391590e	5916998n	15.533	5.920	0.133	3.637	5.457	214.123
		15	22	<1	38	<5	141
391593e	5917800n	13.040	4.847	0.527	6.823	4.027	78.457
		5	13	<1	24	<5	47
391637e	5918402n	2.497	2.100	0.600	4.160	3.730	55.013
		<5	8	3	9	<5	28
391750e	5917208n	32.497	19.343	0.873	2.543	4.713	172.747
		30	20	2	49	<5	106
391797e	5916400n	8.540	44.827	7.157	92.613	25.593	80.867
		5	53	<1	88	<5	73
391800e	5916003n	11.450	39.130	7.803	65.827	25.123	61.247
		5	22	<1	24	<5	47
391833e	5918403n	2.817	5.707	0.310	4.693	5.570	194.443
		10	12	<1	30	<5	137
391878e	5916806n	0.920	8.750	6.970	3.237	2.813	114.083
		10	21	<1	36	<5	88
391883e	5917000n	15.327	7.913	0.590	0.380	4.320	144.033
		15	32	1	58	<5	96
391887e	5917989n	10.600	5.213	0.653	8.723	5.303	53.550
		10	10	1	22	<5	60
391900e	5917207n	12.670	6.650	0.757	80.980	5.100	108.527
		20	32	1	70	<5	88
391957e	5917398n	2.893	19.100	0.593	18.297	3.670	170.240
		15	36	1	74	<5	125
391987e	5917001n	16.630	38.680	0.687	7.263	4.090	151.397
		10	22	<1	50	<5	87
391992e	5916000n	11.813	36.807	8.173	73.843	25.473	112.897
		10	19	<1	29	<5	61
392000e	5917201n	24.347	48.910	0.747	96.800	5.463	179.717
		20	46	2	69	<5	144
392037e	5917992n	0.517	38.690	0.670	71.720	4.117	104.553
		<5	12	<1	19	<5	74
392149e	5916199n	9.657	33.943	7.783	68.757	25.800	63.707
		5	13	<1	19	<5	33
392158e	5918613n	2.423	11.653	0.613	8.767	4.823	146.123
		5	15	<1	27	<5	99
392240e	5918202n	0.690	4.627	0.450	5.337	4.797	70.033
		<5	12	<1	19	<5	45

SAMPLE	LOCATION	As	Cu	Mo	Ni	Sb	Zn
392288e	5918008n	14.920	6.573	0.547	5.953	5.060	170.520
		15	31	1	60	<5	112
392454e	5917181n	14.530	48.790	0.673	3.003	4.067	190.663
		15	32	1	67	<5	143
392464e	5916576n	10.937	34.957	7.723	72.737	25.020	101.223
		10	15	<1	33	<5	68
392500e	5916199n	14.293	35.820	7.820	71.790	25.470	157.050
		15	13	<1	22	<5	89
392553e	5917402n	12.663	6.017	0.853	2.350	4.740	196.570
		10	20	1	43	<5	121
392579e	5916997n	15.505	40.970	0.743	4.737	5.153	126.017
		15	25	<1	49	<5	88
392709e	5917410n	11.050	5.930	0.707	1.777	3.597	303.317
		5	14	1	26	<5	142
392719e	5918391n	18.257	13.467	0.680	19.193	3.970	140.000
		15	28	2	43	<5	105
392733e	5918000n	11.625	6.707	0.650	4.117	3.557	157.263
		10	28	1	45	<5	109
392747e	5916000n	11.963	32.833	7.667	64.287	26.010	70.033
		10	7	<1	10	<5	41
392750e	5915800n	34.570	3.337	0.727	1.890	5.080	92.937
		35	17	<1	26	<5	70
392765e	5918399n	3.090	5.793	0.170	3.117	3.773	200.377
		10	15	2	17	<5	104
392774e	5917601n	0.600	4.840	0.670	8.287	3.227	136.443
		10	16	2	25	<5	86
392800e	5916400n	11.283	34.960	7.633	72.923	24.177	87.397
		10	16	<1	27	<5	50
392809e	5917197n	15.287	6.000	0.807	6.683	4.223	98.543
		10	19	<1	38	<5	69
392900e	5916201n	18.747	35.713	7.870	71.063	25.363	88.120
		15	9	1	19	<5	54
393007e	5917401n	19.373	5.140	0.633	3.903	3.043	147.207
		20	13	<1	22	<5	81
393028e	5916791n	16.657	4.190	0.693	5.503	4.013	79.563
		15	15	1	20	<5	51
393030e	5918214n	16.703	6.193	0.710	2.550	4.040	152.987
		15	17	1	34	<5	92
393032e	5916997n	11.850	3.227	0.587	5.303	4.107	72.553
		10	15	1	24	<5	53
393050e	5915800n	13.930	4.947	0.613	5.290	4.293	73.550
		10	18	<1	28	<5	54
393059e	5917799n	15.137	5.517	0.560	1.703	4.273	128.377
		15	16	1	20	<5	81
393074e	5918211n	2.593	3.873	0.600	6.913	4.457	154.937
		10	15	<1	33	<5	92
393102e	5915997n	13.413	38.353	7.670	68.977	23.567	176.110
		15	26	1	40	<5	135

SAMPLE	LOCATION	As	Cu	Mo	Ni	Sb	Zn
393103e	5916400n	10.643	35.940	7.557	67.233	24.560	118.680
		10	29	2	37	<5	92
393167e	5917608n	16.423	6.953	0.920	2.120	4.683	134.907
		15	24	<1	52	<5	91
393216e	5918415n	4.553	5.057	3.157	6.437	3.103	93.223
		5	10	<1	18	<5	48
393294e	5917803n	11.350	54.450	0.823	3.653	2.833	107.707
		10	14	<1	23	<5	55
393350e	5916401n	18.293	6.597	0.690	2.413	5.417	105.507
		20	31	1	42	<5	71
393380e	5918006n	4.793	6.307	3.453	3.750	2.970	149.257
		10	11	<1	18	<5	75
393392e	5918604n	18.030	4.877	0.487	3.660	3.913	112.787
		10	16	<1	37	<5	81
393402e	5918401n	4.573	5.910	0.687	3.800	4.543	121.333
		10	25	<1	45	<5	96
393411e	5917207n	13.513	5.113	0.653	5.717	4.413	85.630
		10	24	<1	37	<5	56
393442e	5917808n	11.500	40.290	3.843	3.567	2.203	242.193
		5	11	1	22	<5	104
393500e	5916199n	11.977	35.273	7.987	73.097	24.453	94.800
		10	14	3	29	<5	57
393566e	5917608n	0.603	5.197	0.587	5.213	3.850	97.760
		10	22	<1	36	<5	66
393600e	5916400n	19.440	4.697	0.733	1.463	5.107	97.280
		10	20	2	34	<5	70
393614e	5916602n	20.290	36.520	7.933	72.297	24.007	211.723
		20	20	2	30	<5	131
393625e	5918003n	16.457	8.147	0.747	92.060	4.257	126.830
		15	28	<1	38	<5	98
393651e	5916000n	203.240	48.883	8.177	79.060	24.597	357.527
		200	50	9	53	5	284
393728e	5917003n	21.950	41.040	0.640	5.090	4.237	99.910
		15	25	1	33	<5	78
393751e	5915801n	302.580	72.963	17.243	132.310	20.977	2153.620
		295	49	27	61	330	1584
393851e	5916200n	28.420	34.647	7.920	70.740	25.253	116.177
		25	20	3	30	<5	98
393952e	5918588n	10.560	4.627	0.743	8.910	3.747	230.483
		5	9	<1	18	<5	106
394000e	5916400n	14.363	34.400	7.697	69.153	23.957	78.237
		15	23	<1	27	<5	52
394008e	5917201n	14.477	4.873	0.767	7.303	3.543	123.857
		10	16	2	23	<5	84
394022e	5916995n	17.293	6.567	0.653	4.023	5.050	219.150
		15	31	4	51	<5	180
394022e	5918203n	2.393	4.687	3.653	3.847	4.180	74.997
		10	12	1	20	<5	50

SAMPLE	LOCATION	As	Cu	Mo	Ni	Sb	Zn
394093e	5917400n	0.680	7.653	0.353	9.380	2.790	164.210
		10	18	3	22	<5	74
394158e	5916799n	44.963	1.677	12.330	94.830	5.570	911.063
		40	37	16	56	<5	548
394196e	5918598n	17.875	36.980	0.643	6.847	4.487	270.490
		10	17	1	23	<5	123
394200e	5916400n	14.583	35.783	7.503	67.710	24.837	95.473
		15	18	1	26	<5	68

NOTE:

All elements are reported in ppm

The ICP data is in bold