2010 Assessment Report for a

Geology and Geochemistry Program

March-May, 2010

On the

Tower Property

Nanaimo Mining Division

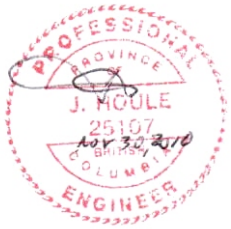
BCGS 092K021
NTS 092K05W

UTM Zone 10N 5570000N 293000E

For
Compliance Energy Corporation

Report written by
Jacques Houle, P.Eng.

November 30, 2010



Contents

Introduction

Property location, access and physiography

The Tower Property claims are located in the Nanaimo Mining Division, between the White and Salmon Rivers, approximately 10 km. south of Sayward, or 40 km. west of Campbell River, near the east coast of Vancouver Island. The Tower property consists of six cell mineral claims (tenure numbers 551391, 697103, 697123, 697124, 607125, 704935) totaling 2108 hectares, held by Dan Berkshire for C.E.C.

The property is covered by an extensive network of logging roads, typical west coast rain forest at various stages of first and second growth, and rolling to steep hills with elevations ranging from 200 to 700 metres. Access to the property is from Campbell River west via Highway 19, then south along one of two alternate routes. The east side of the property is accessed via the Salmon River Mainline Road, and then west along active logging roads. The west side of the property is accessed via the White River Mainline Road, and then east along dormant and active logging roads.

Property definition, owner, operator, geology and history

The property owner is Dan Berkshire, and the operator is Compliance Energy Corporation (C.E.C.), through an option to purchase agreement with Mr. Berkshire. See Figures 1 and 2 for mineral tenure and infrastructure maps of the property at 1:50,000 scale. The property covers approximately 2108 hectares and consists of six contiguous cell mineral claims, with details and status listed in Table 1 below:

Table 1 - Cell Mineral Claims and Status as of November 30, 2010:

Tenure No.	Tenure Type	Claim Name	Owner Client# (% interest)	Map No.	Good To Date	Status	Area (ha.)
551391	Mineral	TOWER 1	102181 (100%)	092K	2015/sep/25	GOOD	475.1545
697103	Mineral	TOWER 2	102181 (100%)	092K	2015/sep/25	GOOD	516.4954
697123	Mineral	TOWER 3	102181 (100%)	092K	2015/sep/25	GOOD	516.7083
697124	Mineral		102181 (100%)	092K	2015/sep/25	GOOD	206.6571
697125	Mineral	TOWER 4	102181 (100%)	092K	2015/sep/25	GOOD	165.331
704935	Mineral	EAST TOWER EXTENTION	102181 (100%)	092K	2015/sep/25	GOOD	227.2976
Total Tower		**4 Claims**					**2107.6439**

The Tower Property is mainly underlain by mafic volcanic rocks of the Triassic Karmutsen Formation. Granodiorite to diorite stocks and sills of the Jurassic Island Plutonic Suite underlie the southeastern portion of the property. To the immediate south and west of the property are unconformable and fault-bounded exposures of the Jurassic Harbledown Formation and the Triassic Parson Bay Formation carbonate and clastic sediments. The area of Jurassic intrusions near the Triassic/Jurassic boundary is considered an ideal geological setting on Vancouver Island for Porphyry Copper-Molybdenum-Gold deposits, and related Copper, Iron, Lead-Zinc and Gold Skarn deposits.

The following geology legend lists rocks found on or near the Tower Property on central Vancouver Island, taken from the BCGS 2005 Geology layer in BC MapPlace, which applies to Figure 3:

EOCENE TO OLIGOCENE

EARLY JURASSIC TO MIDDLE JURASSIC
Island Plutonic Suite
EMJIgd granodioritic to dioritic intrusive rocks

LOWER JURASSIC
Bonanza Group
Harbledown Formation
LJBHa clastic sedimentary rocks

MIDDLE TO UPPER TRIASSIC
Vancouver Group
Parson Bay Formation
uTrVP undivided (clastic and carbonate) sedimentary rocks
Karmutsen Formation
uTrVK massive mafic volcanics (minor carbonate interflow sediments)

Figure 4 shows contoured residual aeromagnetic data, and Figure 5 shows BC RGS (Regional Geochemistry Survey) data for Gold and Molybdenum, BC MINFILE occurrences, and BC ARIS (Assessment Report) numbers for the area of the Tower Property, taken from BC MapPlace. A summary of the history of previous work is as follows, taken primarily from BC government annual reports plus relevant ARIS reports listed in Table 2 below:

Table 2 – ARIS Reports publicly available as of November 30, 2010

Report#	Year	Author	Owner/Operator	Work Program / MINFILE #
12102	1984	Sheldrake, F. & Atherton,P.	Dickensen Mines Ltd.	Geochemical, Geological, Geophysical (Airborne & Ground), Physical / 092L 043
26874	2002	Shearer, J.	Homegold Resources Ltd.	Geological, Physical (Trail,Trench) / 092K 043
27438	2004	Shearer, J.	Hillsborough Res. et. al.	Drilling, Geochemical, Geophysical (ground), Physical (Grid,Road,Trench) / 092K043
27922	2005	Hillman, R.	Lehigh Cement Ltd.	Geophysical (Seismic), Physical (Grid)
29186	2007	Shearer, J.	Eagle Industrial Minerals Corp.	Geochemical / 092K 043
29910	2008	McLelland,D.	Berkshire, D.	Prospecting, Spectral Analysis

The first documented mining activity in the immediate area of the Tower Property occurred in 1959, with the discovery of the Iron Mike Fe Skarn magnetite occurrence (MINFILE 092K 043) located 5 km. northwest of the property. Development of the Iron Mike property continued until 1964, when 955,266 tonnes averaging 43.5% Fe of

combined mineral inventory were established. In 1964, Orecan Mines Ltd. developed 2 open pits and a concentrator, and produced 135,733 tonnes yielding 112,800 tonnes of magnetite at an average recovered grade of 83% magnetite from 1966 to 1969 (AR 1960, p.28-30, 91-93; AR 1962, p.96; AR 1963, p.99; AR 1964, p.152; AR 1965, p.420).

In 1966, the White Pb-Zn skarn occurrence (MINFILE 092K 055) was discovered 1 km. west of the property (AR 1966, p.68-69). Both the Iron Mike and White occurrences lie 7 kilometres apart along or near the north-south trending contact between the Parson Bay sediments and the Karmutsen Volcanics.

In 1970, exploration began for porphyry copper style mineralization in the area with the discovery of several copper-bearing MINFILE occurrences in the area surrounding the Tower Property. The Ellen volcanic redbed copper (MINFILE 092K 078) occurrence was discovered Jetex Resources Ltd. (G.E.M. 1970, p.279-280). The Tower porphyry copper-molybdenum-gold occurrence (MINFILE 092K 124) was then discovered by Silver Standard Mines Ltd. (G.E.M. 1972, p.186; G.E.M. 1973, p.253).

In 1983, exploration work resumed at the Iron Mike occurrence with Dickensen Mines Ltd. funding work by H.E. Neal and Associates Ltd. (Sheldrake, R. and Atherton, P., 1983, ARIS 12102). This included airborne and ground magnetics which identified two additional magnetic high anomalies to those that were previously mined. From 2001 to 2004, exploration work resumed by Homegold Resources Ltd. on one of these anomalies (Iron Ross) located near the Iron Mike occurrence (E.M.B.C. 2001; Shearer, J., 2002, ARIS 26874), and by Hillsborough Resources Ltd. (E.M.B.C. 2002; Shearer, J., 2004, ARIS 27438).

In 2005, Lehigh Northwest Cement completed seismic work targeting recent sedimentary sand and gravel along the Salmon River valley on its Sayward Project, located immediately north of the Tower Property (Hillman, R., 2005, ARIS 27922).

In 2005 and early 2006, Minland Resources Ltd. completed a single diamond drill hole on what was then called the North Memekay Property and what is now the Tower Property. A 130 metre drill hole MN-01-05 was completed to test a north-south trending, copper-silver-gold bearing quartz sulphide vein occurrence discovered by Mr. Dan Berkshire in a logging road cut near the centre of cell mineral tenure 551391. The author logged and sampled the core from the hole, with intercepts achieved as follows:

- 42.4 to 43.9 – 1.5 m. @ 0.106% copper in silicified, epidotic, locally hematitic and brecciated mafic volcanics with 35% quartz-epidote-actinolite-sulphide zones
- 72.4 to 77.0 – 4.6 m. @ 0.438% copper in silicified, magnetitic mafic volcanics with 35% quartz-epidote-sulphide stockwork zones
- 114.3 to 116.6 – 2.3 m. @ 0.151% copper in silicified, epidotic porphyritic mafic volcanics with 20% quartz-epidote-sulphide stringers and seams

In 2007, exploration work resumed again at the Iron Ross/Iron Mike occurrence by Eagle Industrial Minerals Corp. (Shearer, J., 2007, ARIS 29186).

In 2008, Mr. David McLelland of Auracle Geospatial Science Ltd. completed a spectral analysis study and submitted prospecting work on what is now called Tower Property on behalf of owner Mr. Berkshire (McLelland, D., 2008, BC ARIS Report 29910). The study showed 4 areas of possibly significant alteration minerals, one of which is centred in the

area of the mineralization discovered and drilled in 2007, two which straddle the current northeast property boundary, and one which lies in the south-central part of the property.

List of claims and work completed

From March 15 to April 16 intermittently, the author prepared for a field exploration program on behalf of CEC, including review of historic work, generation of tenure overlap reports, issued notices to tenure holders (Appendix 4), completed a summary report, planned field programs and budgets, and acquired and organized field equipment and supplies.

From April 18 to May 7, the author and field assistant Adrian Houle completed the first portion of a field exploration program, based out of the village of Sayward Junction, B.C., including mobilization and demobilization to and from Nanaimo, B.C. This was followed by the second portion of the field program from May 10 to May 14, led by geologist Arnd Burgert accompanied by field assistant Adrian Houle. The field program consisted of grid-based soil sampling and geological mapping, prospecting and rock and stream moss mat sampling. During that period, 382 geo-referenced soil samples were taken at 50 metre spacing along chain and compass lines spaced 100 metres apart surrounding the Tower showing on cell mineral claim 551391 and extending onto adjacent claims 697103 and 704935, along with co-incident geological mapping. Also during that period, 37 stream moss mat samples were taken from selected sites across the entire property, including the claims covering the grid, plus claims 697123, 697124 and 697125. Also during that period, a total of 17 rock samples were taken from selected mineralized exposures of bedrock, including 14 within the soil and geology grid area, and 3 near one of the stream moss sample sites on mineral claim 697125. All sample sites were accessed by 4x4 truck and by foot.

From April 25 to June 24 intermittently, the author prepared and shipped samples to ALS Chemex Laboratories, completed microscopic examinations of specimen rock samples, received, compiled and reviewed geochemistry results, and completed interim project reports. The mineral tenure assessment cost report (Appendix 5), the MTO filing (Appendix 6) and this technical report were subsequently completed intermittently by the author during the period August to November, 2010.

Rock sample locations and site descriptions, microscopic descriptions of reference specimens and geochemistry data and highlights appear in Appendix 1, and sample locations with anomalies and contour plots for selected elements in Figures 6a-j. Soil sample locations and site descriptions, and geochemistry data and highlights appear in Appendix 2, and sample locations with anomalies and contour plots for selected elements in Figure 7a-h. Stream moss mat sample locations and site descriptions, and geochemistry data and highlights appear in Appendix 3, and sample locations with anomalies and contour plots for selected elements in Figure 8a-h. Grid geological mapping appears in Figure 9.

All 17 rock samples taken by the author are best described as select grab samples, and were taken to help characterize the mineralization at each location, but should not be considered representative of that mineralization. Rock or sledge hammers, geotuls, and/or moils were used to extract samples, each of which was placed in new poly ore

bags fastened with cable ties or other means to prevent spilling, and pre-numbered 3-part sample tags were placed in each bag. At each sample site, rock samples were taken in duplicate, and one from each of the 17 sample pairs which the author cut with a rock saw, and inspected and described using a binocular microscope.

At each of the 382 soil sample sites, 'B' horizon soil samples were taken at every grid station where available, at depths of 0 to 0.50 metres below surface, using a plastic spoons, geotuls and/or soil augers to excavate the samples. Soil samples were placed in new kraft paper envelopes, and 2 matching portions of pre-numbered 3-part sample tags were placed 1 in each bag and the other stapled to the top of the same bag.

At each of the 37 stream moss mat sample sites, sediment-laden moss was collected from the surfaces of boulders or outcrop within the stream bed between high and low water marks, and site characteristics recorded on prepared forms. Geotuls or bare hands were generally used to extract samples, each of which was placed in pairs of new cloth fibre bags, fastened with drawstrings and tied together as sample pairs, and 2 matching portions of pre-numbered 3-part sample tags were stapled to each pair. Stream pH readings were recorded using hand-held meters, if water was present.

At each sample site for all media types, site characteristics were recorded on pre-printed, waterproof, loose-leaf sample record forms in field notebooks, and sample numbers were recorded in triplicate: on the forms, on metal tags tied near the sample site and marked with flagging tape, and as waypoint numbers in a hand-held Garmin 60CSx GPS used by each sampler.

Combined shipments of rock, soil and moss mat samples were shipped to ALS Chemex Laboratories Ltd. in Vancouver by Greyhound in four batches, one each on April 25, May 1, May 8 and May 15, for analyses. They utilized multi-element package ME-MS41, plus package Au-TL42 (15g.) for soils and package Au-TL44 (50g.) for rocks and stream moss mats, plus if required, package OG46 analysis for rocks which yielded over-limit values. Analytical certificates are not included in this report since they are secured by ALS Chemex in a way that prevents them from being inserted into other documents.

As part of undertaking any field exploration program in B.C., it is mandated by government to notify in advance any owners of other tenures which overlap the mineral claims to be explored. Title searches to determine such owners were conducted by the author on April 15 2010 and notices issued by mail to any relevant tenure holders on April 16, 2010, copies of which appear in Appendix 4.

Technical Data, Interpretation and Conclusions

Rock Sample Highlights:

Of the 17 rock samples, 11 yielded elevated values in some target (Cu, Mo, Ag) and/or indicator (As, Ba, Co, Hg, Se, Te, Zn) elements, and 14 were select or random outcrop grabs from narrow (generally less than 1 m. thick) occurrences of quartz-epidote vein mineralization taken from within the grid area.

The 3 samples (**8951, 8952 and 8953**) from beyond the soil grid area were taken near stream moss mat sample 11571 in the southwest portion of the property. Sample **8952** yielded 23.6 ppm As and 2.91 ppm Mo from a 0.25 m. angular boulder containing a sulphidic contact between intrusive and limestone exposed in a creek bed. Two nearby samples from limestone float (**8951**) and intrusive bedrock (**8953**) failed to yield elevated geochemistry values. The mineralized boulder was discovered during stream moss mat sampling, and warrants follow-up targeted prospecting.

From within the soil grid area, 7 of the 14 samples came from well-prospected logging road exposures of narrow (0.05 to 1.0 m. thick) quartz-epidote-sulphide veins including 1 from the Tower Central showing (**8954**), 2 from the Tower West showing (**8955 and 8956)** and 4 from the Tower East showing (**8961, 8962, 8963 and 8964**). These yielded elevated values up to 7.24 ppm Ag, 19.3 ppm As, 110 ppm Ba, 149 ppm Co, 5.05% Cu, 0.12 ppm Hg, 32.1 ppm Se, 0.34 ppm Te and 758 ppm Zn. None of these samples or occurrences are spatially associated with the drill intercepts in MN-01-05, located between the Tower Central and Tower West showings, which yielded greater thicknesses (1.5 to 4.6 metres) of porphyry grade (0.11 to 0.44%) copper mineralization hosted by quartz-epidote-sulphide stockwork veins in highly altered mafic volcanics and intrusive dikes. Any possible association between the rare, unmineralized intrusive dikes mapped in the grid area and those logged in the drill intercepts should be established. The drill intercepts clearly warrant follow-up drilling to determine extent and continuity of copper mineralization.

Soil Grid Highlights:

Forty two of the 382 soil samples yielded elevated values in at least one target (Cu, Mo, Au) and/or indicator (Ba, Co, Pb) element, including 4 multi-element elevated values, for which colour contoured grid maps were plotted for each element. Five clusters of elevated multi-station and multi-element values have been identified as anomalies in the soil grid area. The three largest anomalies are associated with and surround each of the known occurrences, and two small anomalies occur along the interpreted faults crossing the grid. All five anomalies warrant suggested additional work, as follows:

- **Western Anomaly** - centred at 292500E, 5572300N and covering an area 750 m. N-S by 250 m. E-W, probably open to the south beyond the grid area, with elevated values in Au, Ba, Co, Mo and/or Pb, surrounding the Tower West Showing. Requires extension of soil and mapping grid to the south, and detailed prospecting.

- **Central Anomaly** – centred at 292700E, 5571800N and covering a circular area 700 m. in diameter, open to the south and overlapping the south end of the Western Anomaly, with elevated values in Mo, Cu and/or Pb, including the Tower Central Showing and the drill intercepts. Requires extension of soil and mapping grid to the south, and detailed prospecting.

- **Eastern Anomaly** – centred at 294100E, 5571700N and covering a circular area 750 m. in diameter, open to the north, east and south, with elevated values in Au, Mo and/or Pb, surrounding the Tower East Showing. Requires extension of soil and mapping grid in all directions, and detailed prospecting.

- **Northern Anomaly** – centred at 292900E, 5572900N and covering a circular area 100 in diameter, with elevated values in Co and Mo. Located along interpreted NNE-trending fault and co-incident stream. Requires detailed prospecting and stream moss mat sampling.

- **Northeast Anomaly** – centred at 292500E, 5572050N and covering an area 200 m. E-W by 100 m. N-S, with elevated values in Co and Mo. Located along interpreted N-S-trending fault and co-incident stream. Requires detailed prospecting and stream moss mat sampling.

Stream Moss Mat Highlights:

Of the 37 stream moss mat samples, 13 contained elevated values in target (Au, Mo) or indicator (Co, Hg, Pb, Zn) elements; of which 4 contained elevated values in two or more target or indicator elements, and 5 other samples which contained the highest values in target (Au or Mo) elements. These 9 samples in 5 areas should be considered top priorities for follow-up prospecting and detailed stream moss mat sampling upstream, as follows:

- Samples **11553 and 11554** – elevated values of 0.238 ppm Au and 0.197 ppm Au, respectively - located along the east side of the property from adjacent streams 175 m. apart in very steep terrain 250 m. east and down-hill from the east end of the grid – also located immediately south of one of the 4 areas of possibly significant alteration minerals identified in the 2008 spectral analysis study – proposed eastward grid expansion to these sites may not be possible due to very steep terrain

- Samples **11555, 11556 and 11560** – elevated values 0.187 ppm Au, 0.018 ppm Au and 4.26 ppm Mo, and 7.21 ppm Mo, respectively – located along the southeast side of the property in the same or adjacent streams in steep terrain 600 metres south of the east end of the grid

- Sample **11568** – elevated values of 61.3 ppm Co and 25.7 ppm Pb – located along the west side of the property in very steep terrain 300 m. southwest and down-hill from the grid – proposed southward grid expansion may cover this anomaly source

- Samples **11573 and 11574** – elevated values of 95.1 ppm Co, 0.29 ppm and 26.7 ppm Pb, and 120.5 ppm Co and 134 ppm Zn, respectively – located in the southwest part of the property – co-incident with one of the 4 areas of possibly significant alteration minerals identified in the 2008 spectral analysis study

- Sample **11752** – elevated values of 142.5 ppm Co and 90 ppm Pb – located in the southwest portion of the grid immediately northwest and roughly down-hill of the Tower West Showing - may be explained by the known occurrence or possibly due to another source nearby, either on or southwards beyond the grid

Geological Mapping:

Geological mapping was completed at 1:1000 scale along selected grid lines. The multi-parameter airborne geophysical survey was also completed, and the total magnetic intensity map was utilized to help interpret the grid geology, shown in Figure 9.

Geological mapping and geochemistry results need to be fully integrated with the airborne geophysical results, and target areas refined for staged follow-up work.

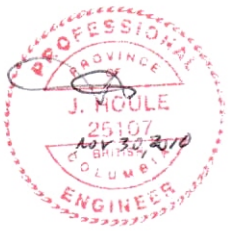
Table 3 – Proposed Work Program for the Tower Property:

Item	Units	Unit Cost	Scheduling	Program Cost
2010 Report	7 days for geologist	$750 per day	Winter 2010/2011	$ 5,250
Integrate data	5 days for 2 specialists	$1,500 per day	Winter 2010/2011	$ 15,000
Soils, mapping	15 days for 2 samplers, geol.	$2,500 per day	Summer 2011	$ 37,500
Prospecting	15 days for prospector	$750 per day	Summer 2011	$ 7,500
Diamond Drilling	1500 metres	$200 per metre	Fall 2011	$ 300,000
Compilation, Reports	20 days for 1 geologist	$750 per day	Winter 2011/2012	$ 15,000
Contingency	approximately 5%			$ 25,000
Totals				**$ 400,000**

Additional work programs may be recommended conditional upon results.

Respectfully submitted by:

Jacques Houle, P.Eng.



Author's Qualifications

I, Jacques Houle, P.Eng. Do hereby certify that:

I am currently self-employed as a consulting geologist by:
Jacques Houle, P.Eng. Mineral Exploration Consulting
6552 Peregrine Road, Nanaimo, British Columbia, Canada V9V 1P8

I graduated with a Bachelor's of Applied Science degree in Geological Engineering with specialization in Mineral Exploration from the University of Toronto in 1978.

I am a member in good standing with the Association of Professional Engineers and Geoscientists of British Columbia, the Society of Economic Geologists, the Association for Mineral Exploration British Columbia, and the Vancouver Island Exploration Group; I am also a member of the Technical Advisory Committee for Geoscience B.C., and of the advisory committee for the Earth Science Department of Vancouver Island University.

I have worked as a geologist for 32 years since graduating from university, including 5 years as a mine geologist in underground gold and silver mines, 15 years as an exploration manager, 3 years as a government geologist and 7 years as a mineral exploration consultant.

I have previously worked on the Tower Property in 2005-2006, and I am independent of both Dan Berkshire and Compliance Energy Corporation.

References

B. C. Ministry of Energy, Mines and Petroleum Resources websites:

Assessment Reports
http://www.empr.gov.bc.ca/Mining/Geoscience/ARIS/Pages/default.aspx

Landowner Notification
http://www.empr.gov.bc.ca/Titles/MineralTitles/Admin/Notices/Pages/LandownerNotification.aspx

MapPlace
http://www.empr.gov.bc.ca/Mining/Geoscience/MapPlace/Pages/default.aspx

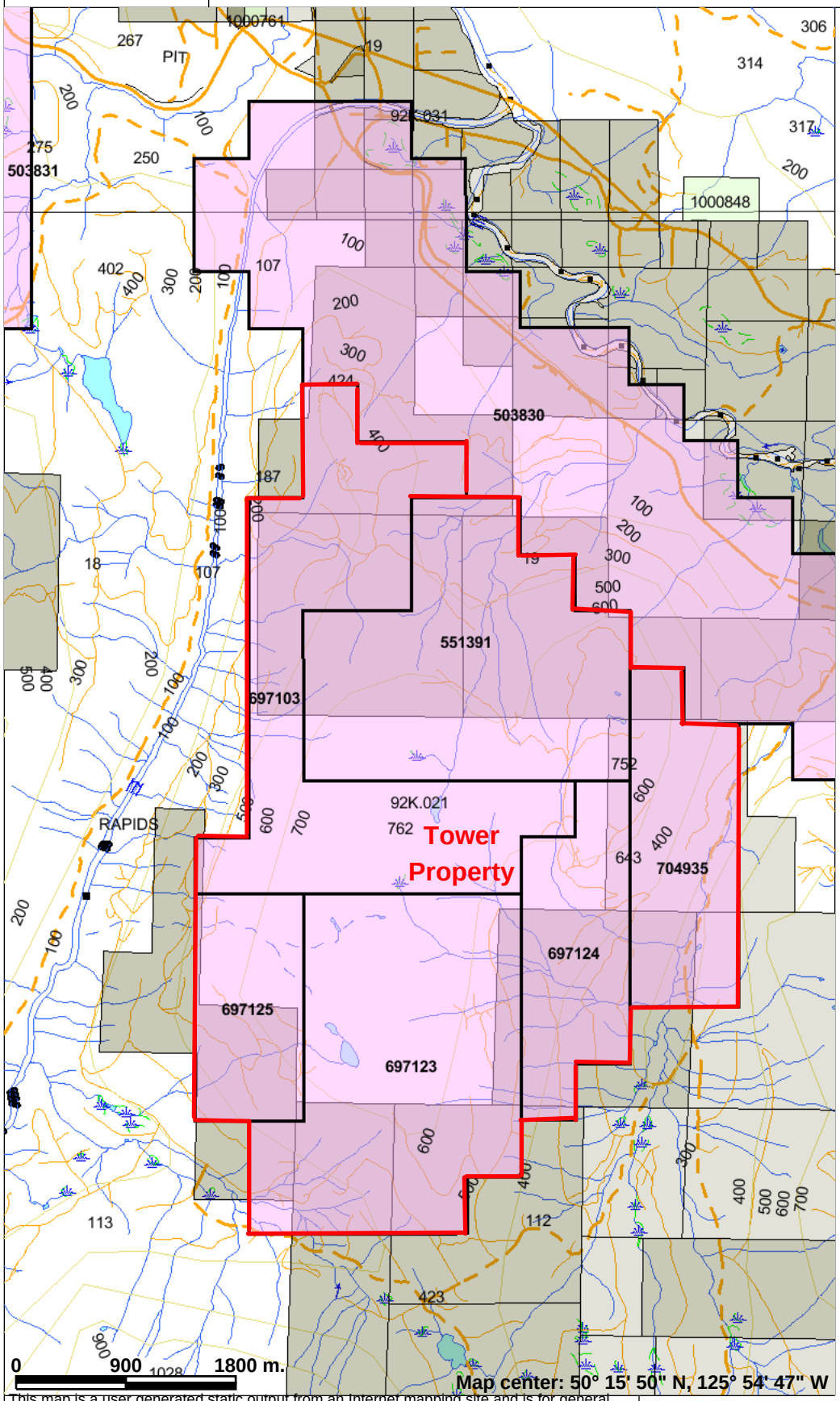
Mineral Deposit Profiles
http://www.empr.gov.bc.ca/Mining/Geoscience/MineralDepositProfiles/Pages/default.aspx

MINFILE
http://www.em.gov.bc.ca/Mining/Geolsurv/Minfile/

Ministry Publications
http://www.empr.gov.bc.ca/Mining/Geoscience/PublicationsCatalogue/Pages/default.aspx

Mineral Titles Online
https://www.mtonline.gov.bc.ca/mtov/home.do

Tower Property



Legend

MINFILE Status
- Producer
- Past Producer
- Developed Prospect
- All others

Indian Reserves

National Parks

Conservancy Areas

Parks

Mineral Tenure (current)
- Mineral Claim
- Mineral Lease

Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others

Survey Parcels

BCGS Grid

Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Areaof Exclusion
- Areaof Indefinite Contours

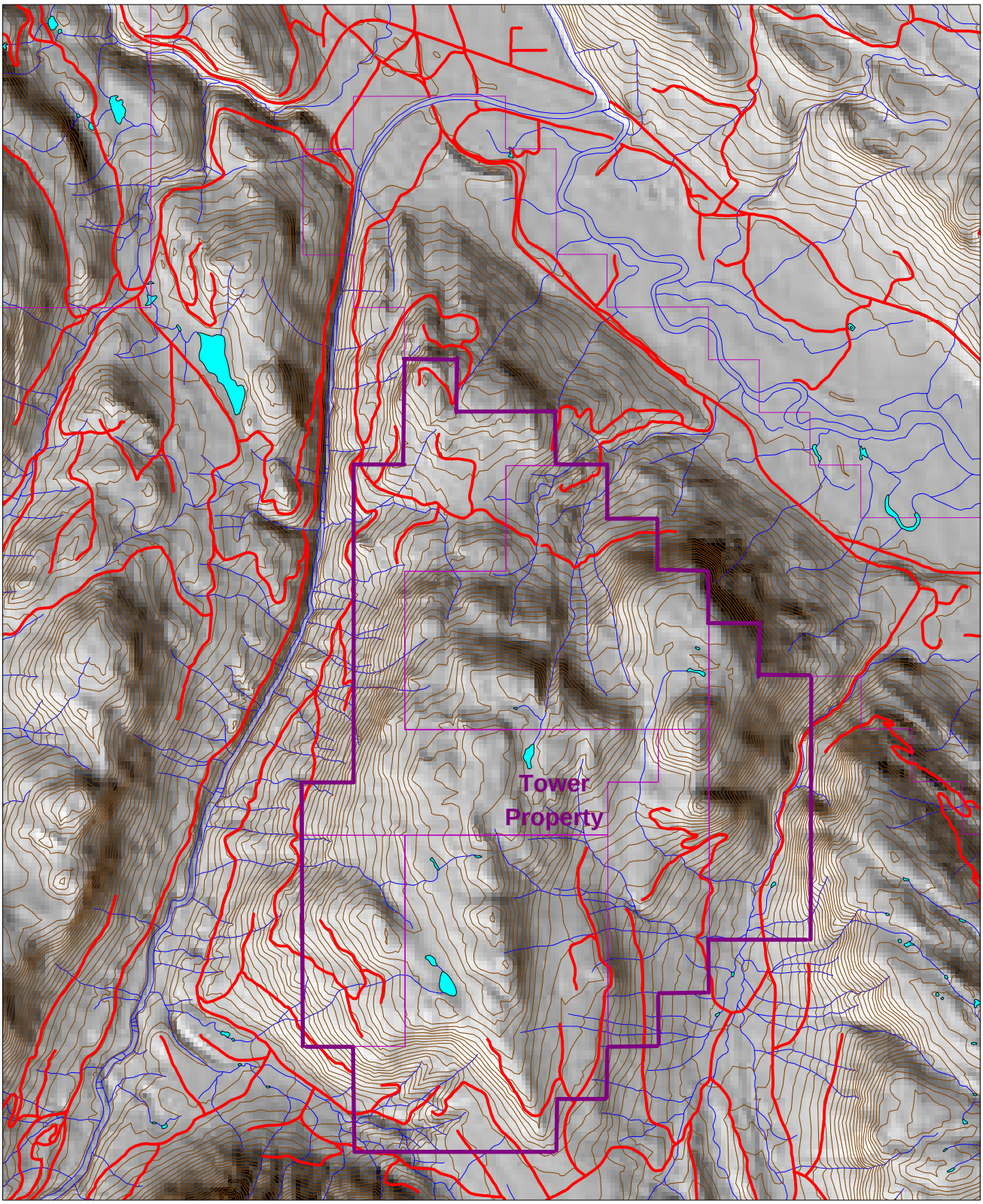
Transportation - Points (TRIM)
- Helipad

Transportation - Lines (TRIM)
- Airfield
- Airport
- Airstrip
- Airport.Abandoned
- Ferry Route
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 2 Lanes
- Road (Gravel Undivided) - U/C - 1 Lane
- Road (Gravel Undivided) - U/C - 2 Lanes
- Road (Paved Divided) - Not Elevated - 1 Lane Each Way
- Road (Paved Divided) - Not Elevated - 2 Lanes Each Way
- Road (Paved Divided) - U/C - Not Elevated - 2 Lanes Each Way
- Road (Paved Undivided) Not Elevated - 3 Lanes
- Road (Paved Undivided) - Not Elevated - 1 Lane
- Road (Paved Undivided) - Not Elevated -

N

Scale: 1:50,000

Figure 1 - Mineral Tenure (MTO)



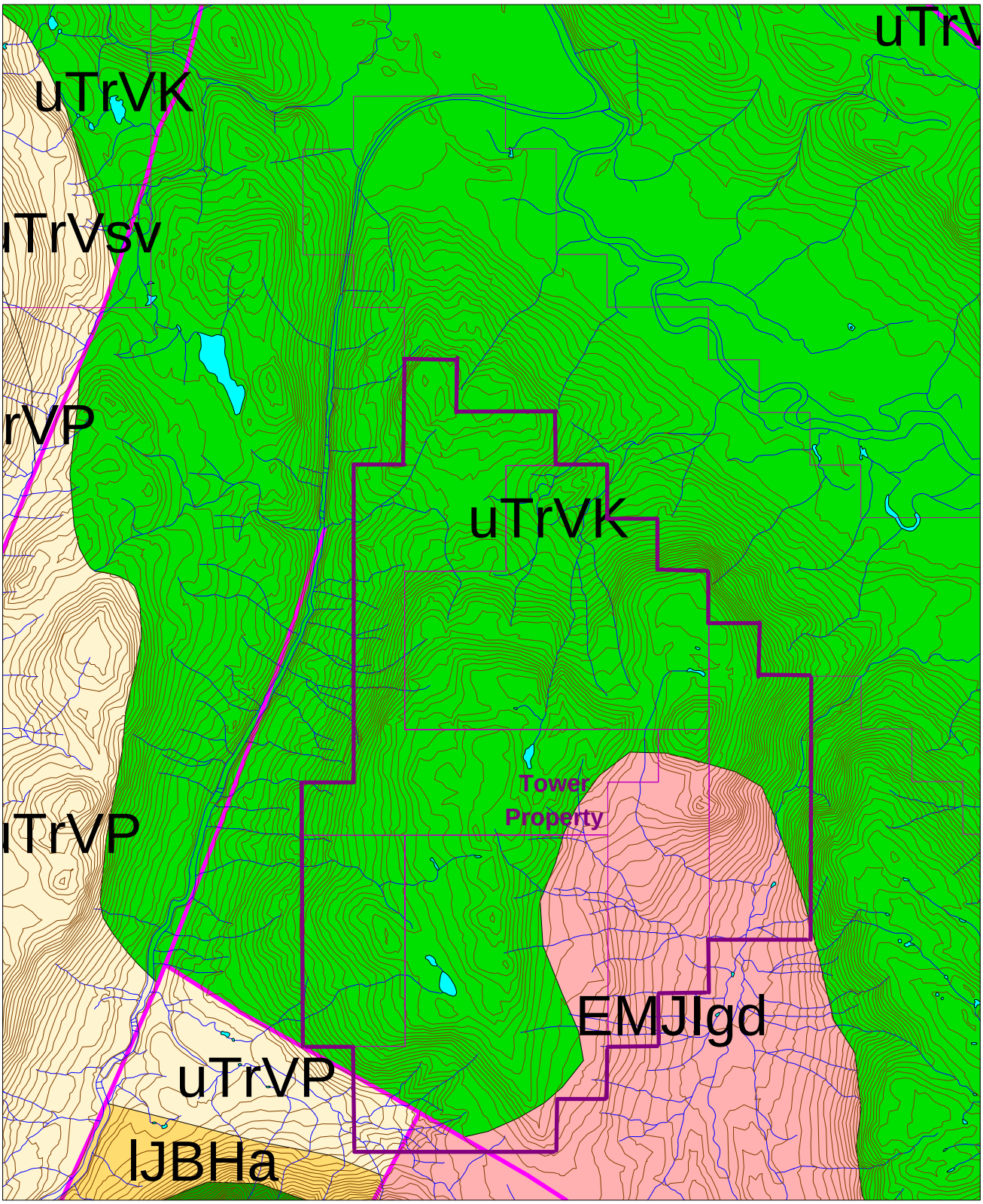
SCALE 1 : 50,000

1 0 1 2 3

KILOMETERS

N

Figure 2
Infrastructure
(MapPlace)



SCALE 1 : 50,000

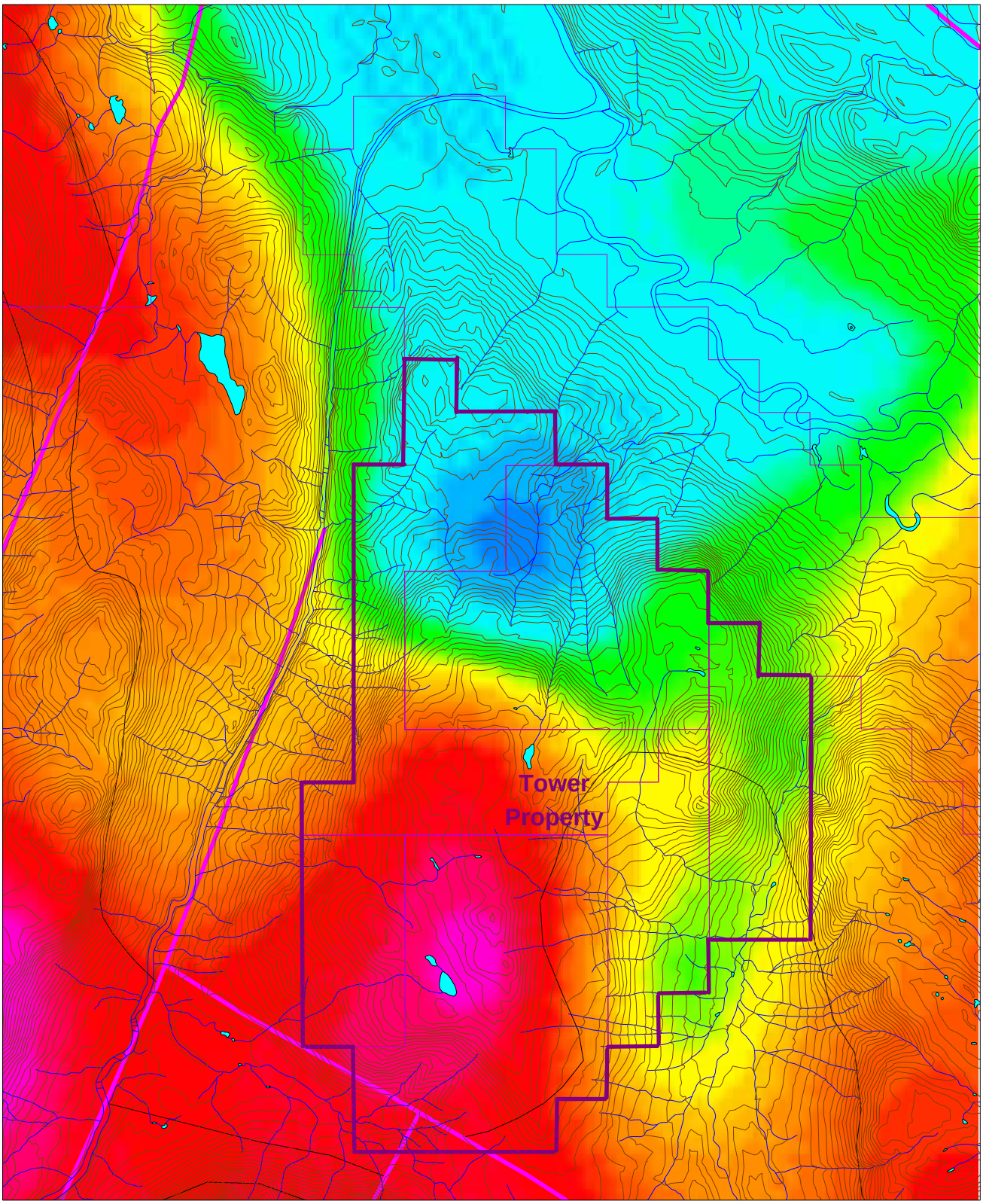
1 0 1 2 3

KILOMETERS

N

See P. 4 for Geology Legend

Figure 3
Geology
BCGS 2005
(MapPlace)



SCALE 1 : 50,000

1 0 1 2 3

KILOMETERS

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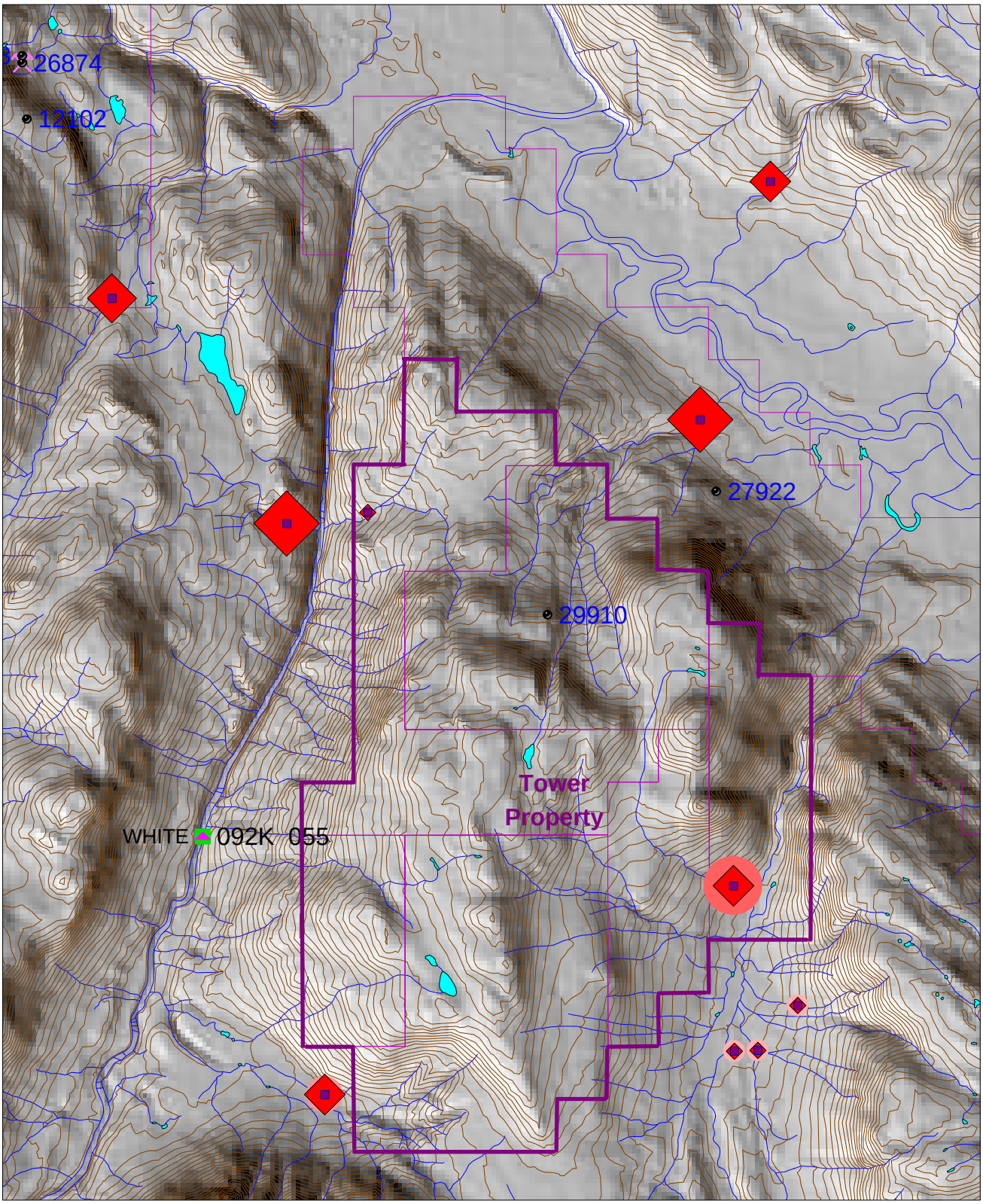
Figure 4
Residual
Aeromagnetics
(MapPlace)



SCALE 1 : 50,000

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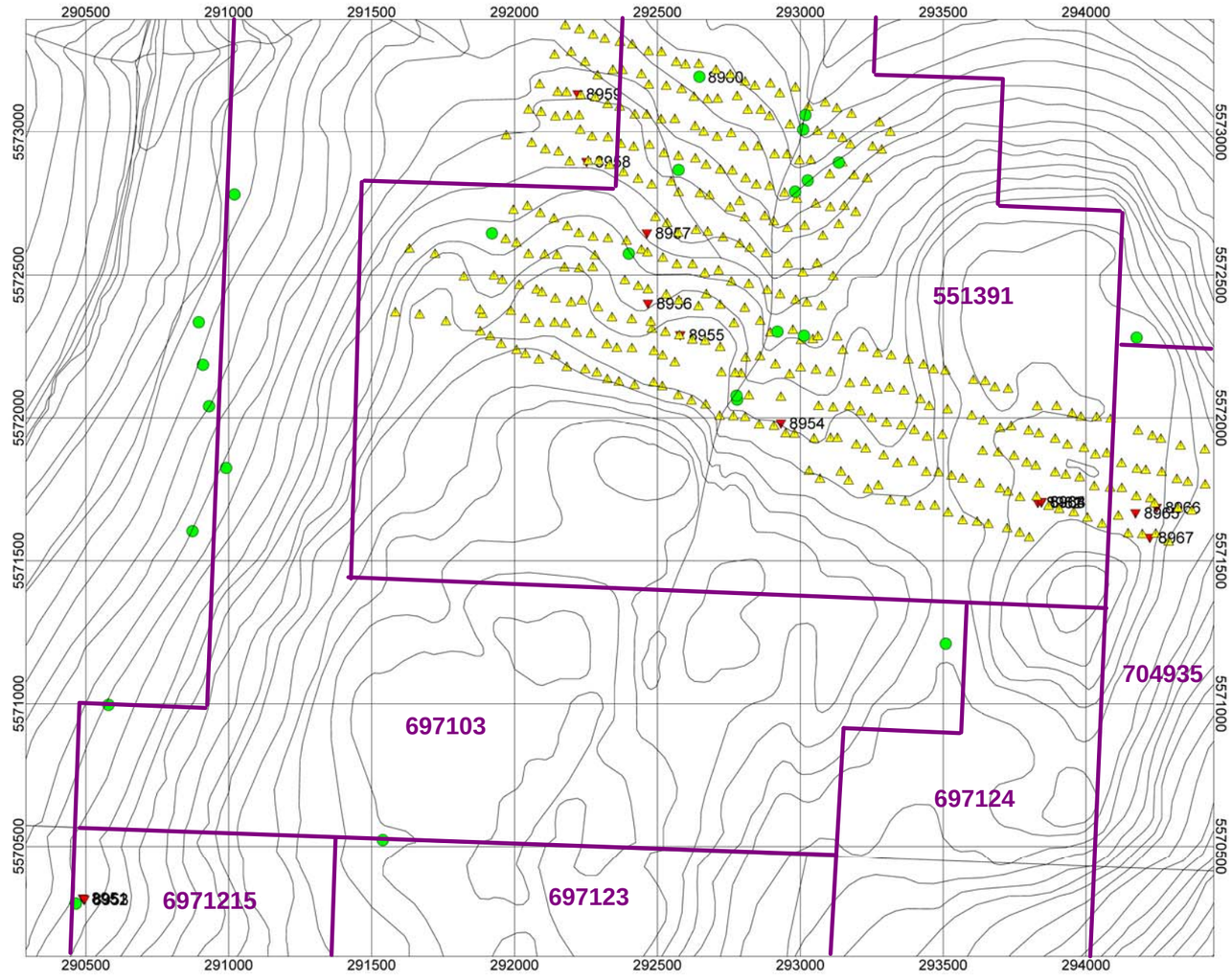
KILOMETERS

N

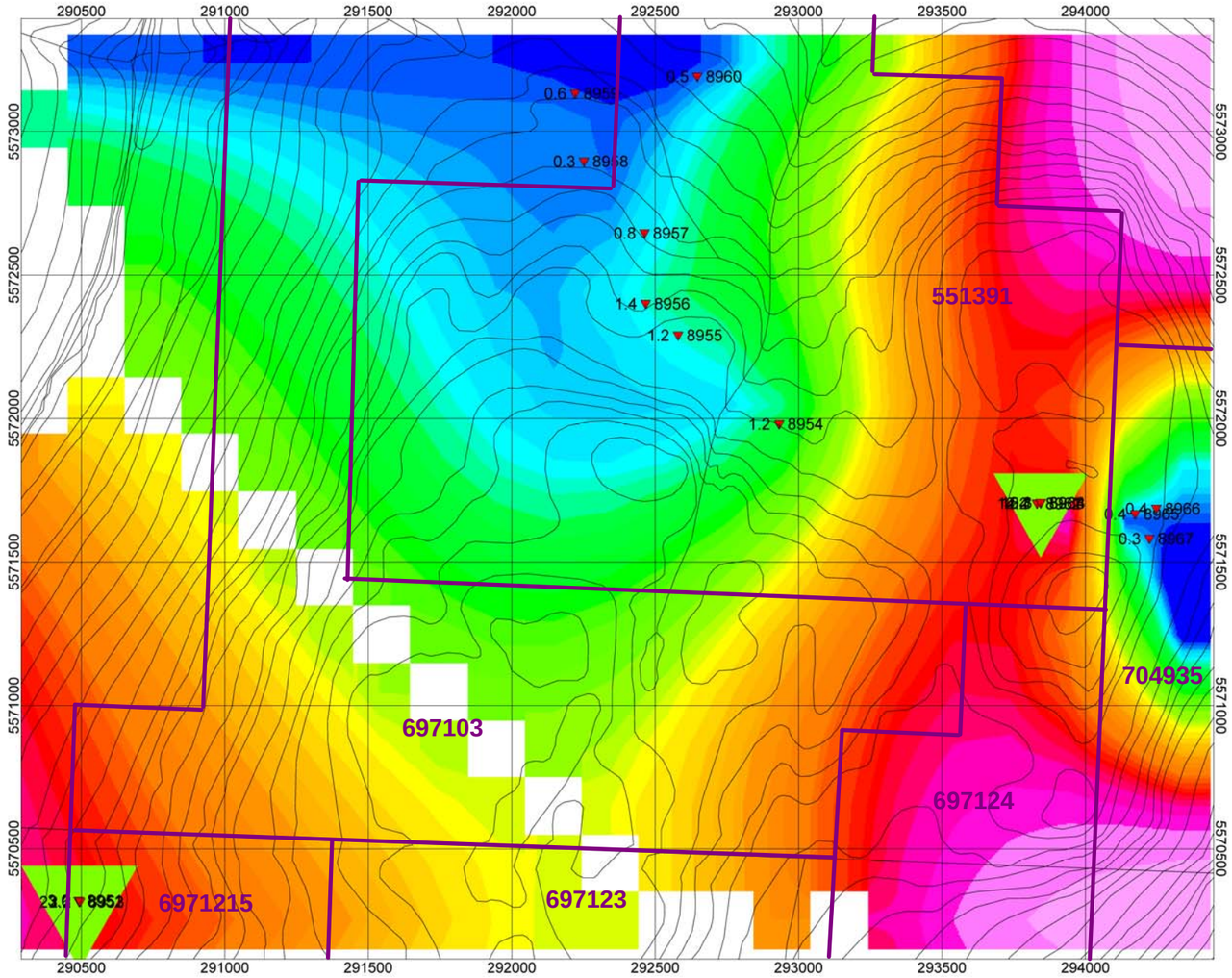
Figure 5
RGS Gold, Moly
MINFILE, ARIS
(MapPlace)



250 0 250 500
(meters)
NAD83 / UTM zone 10N

Tower Project
Rock Sample Locations
2010 Sampling

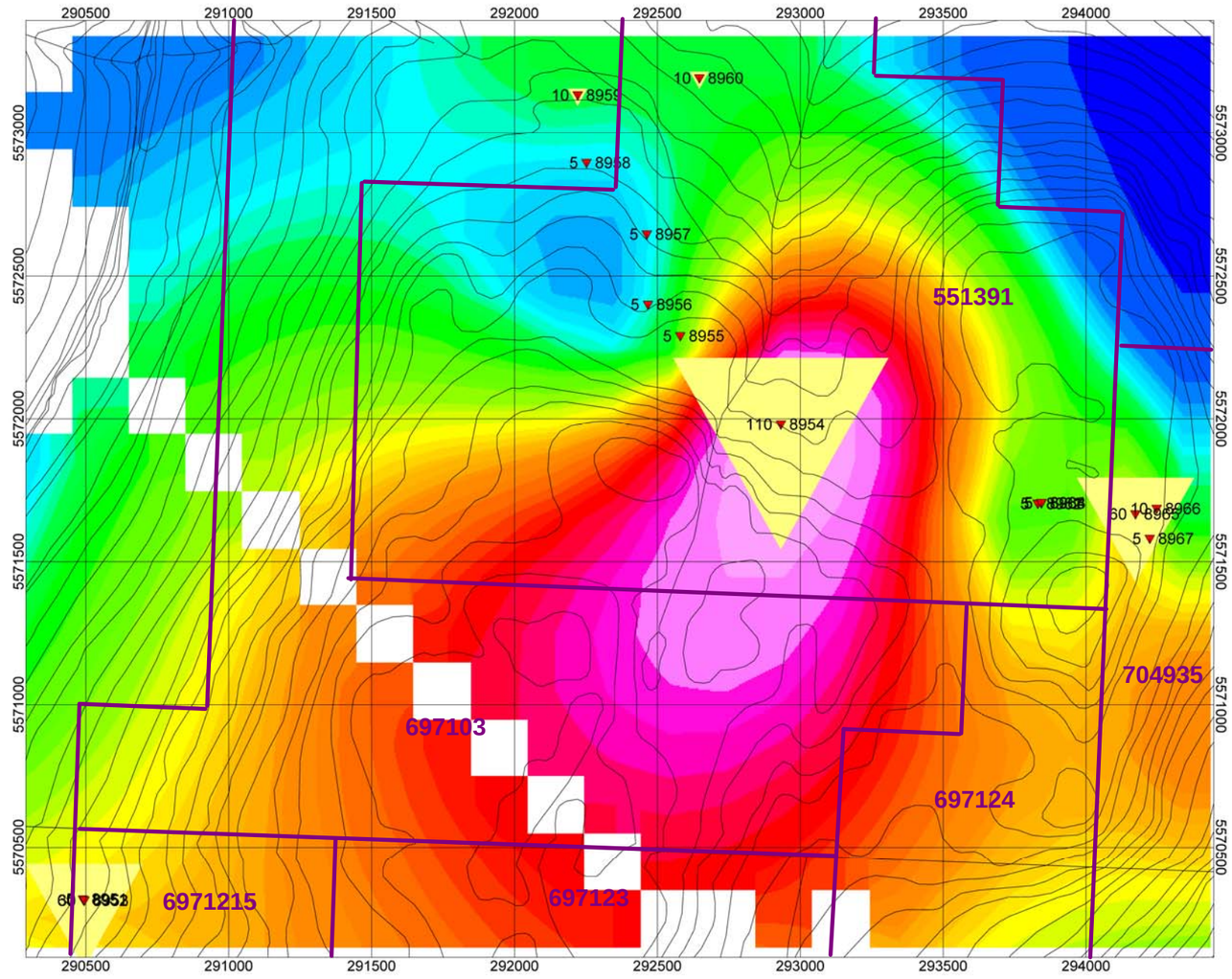
Figure 6a



250 0 250 500
(meters)
NAD83 / UTM zone 10N

Tower Project
Arsenic in Rocks
2010 Sampling

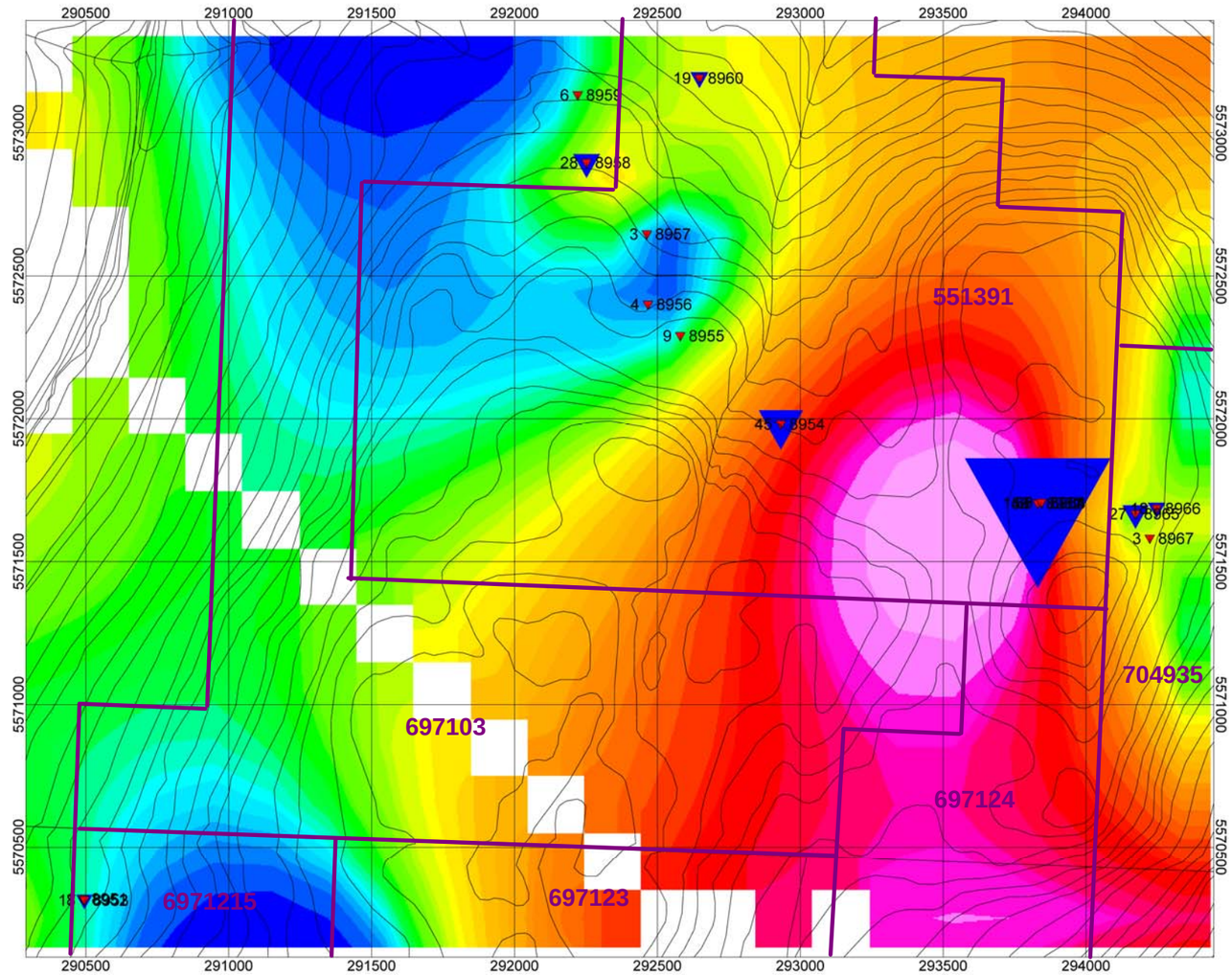
Figure 6b



250 0 250 500
(meters)
NAD83 / UTM zone 10N

Tower Project
Barium in Rocks
2010 Sampling

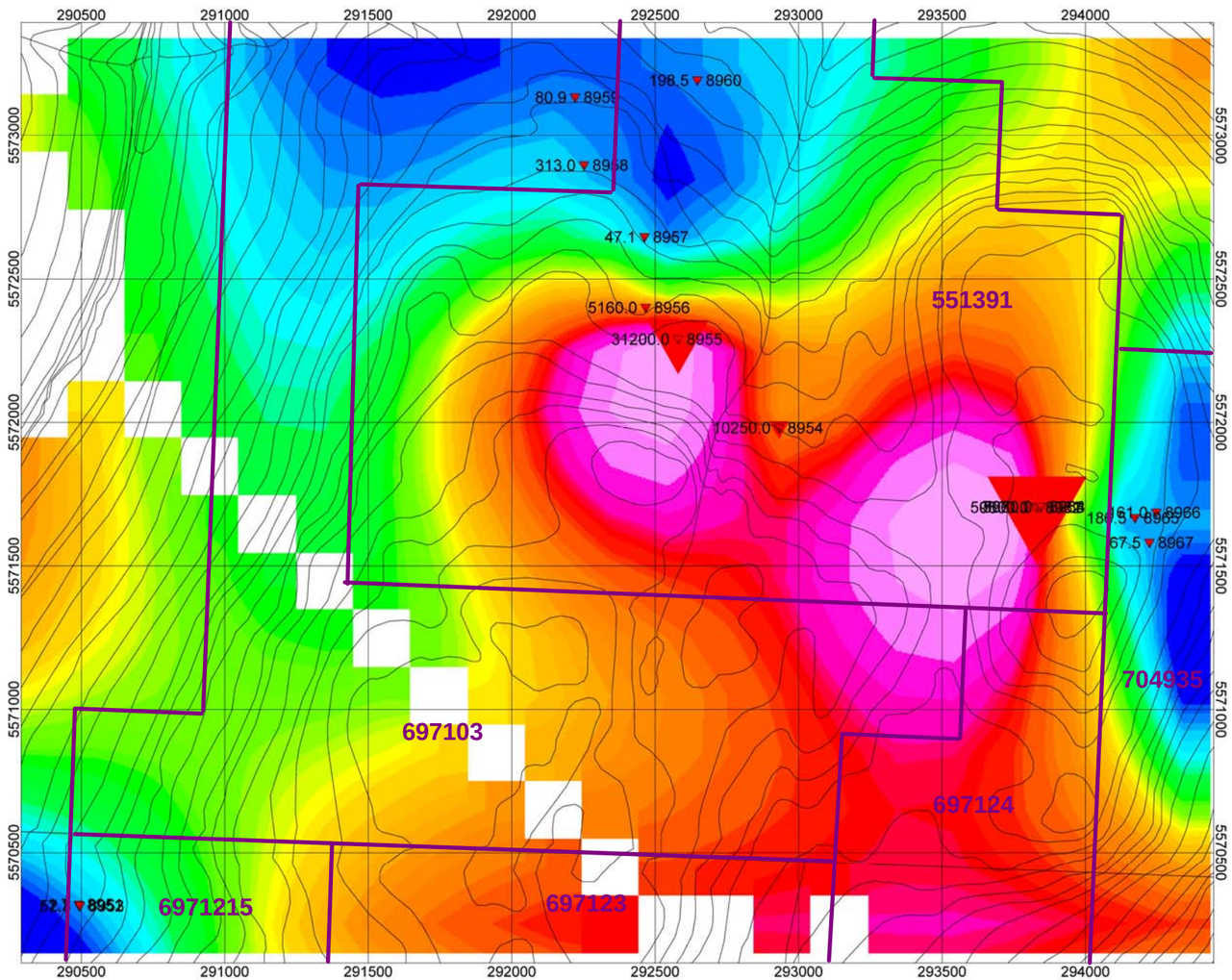
Figure 6c



250 0 250 500
(meters)
NAD83 / UTM zone 10N

Tower Project
Cobalt in Rocks
2010 Sampling

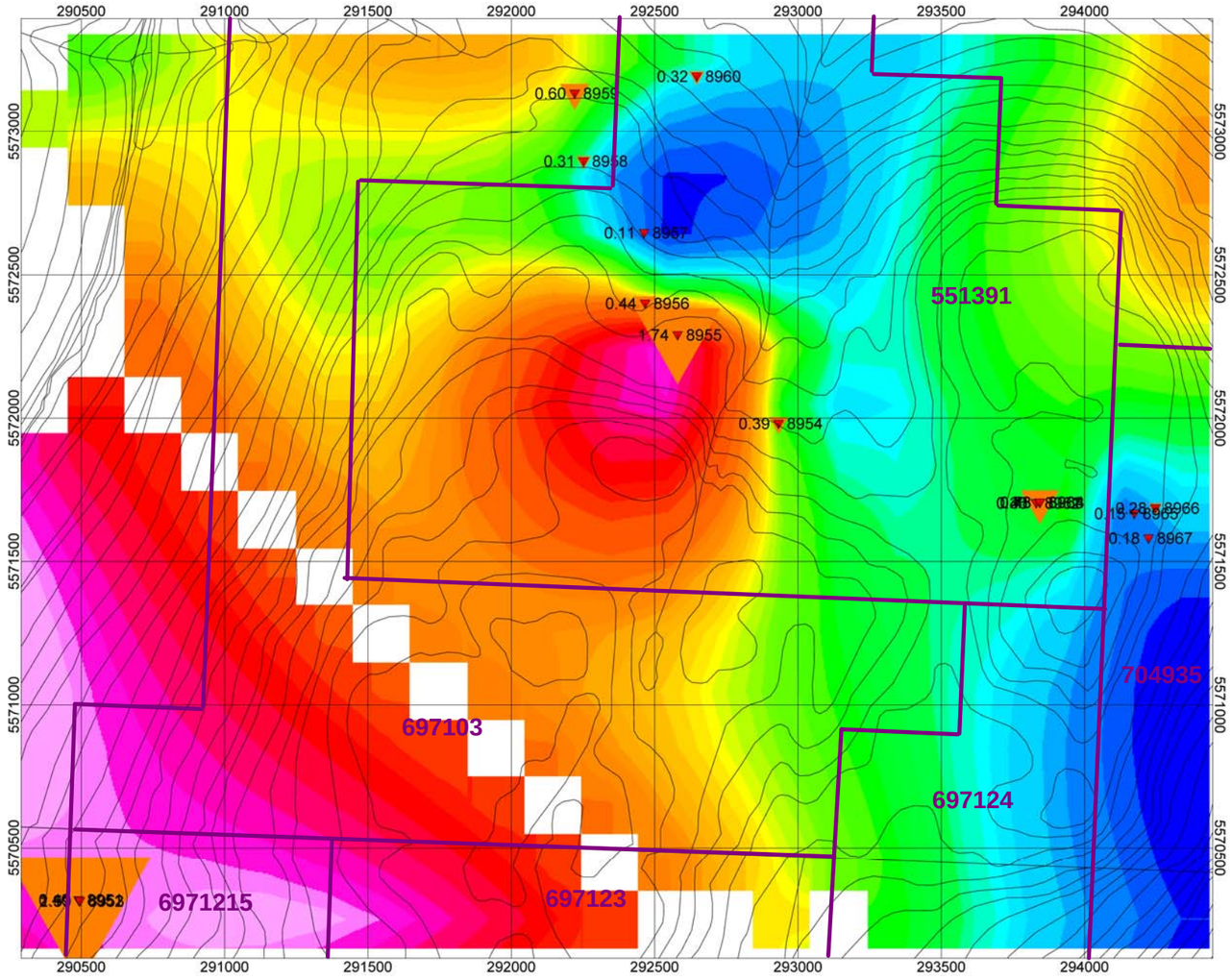
Figure 6d



250 0 250 500
(meters)
NAD83 / UTM zone 10N

Tower Project
Copper in Rocks
2010 Sampling

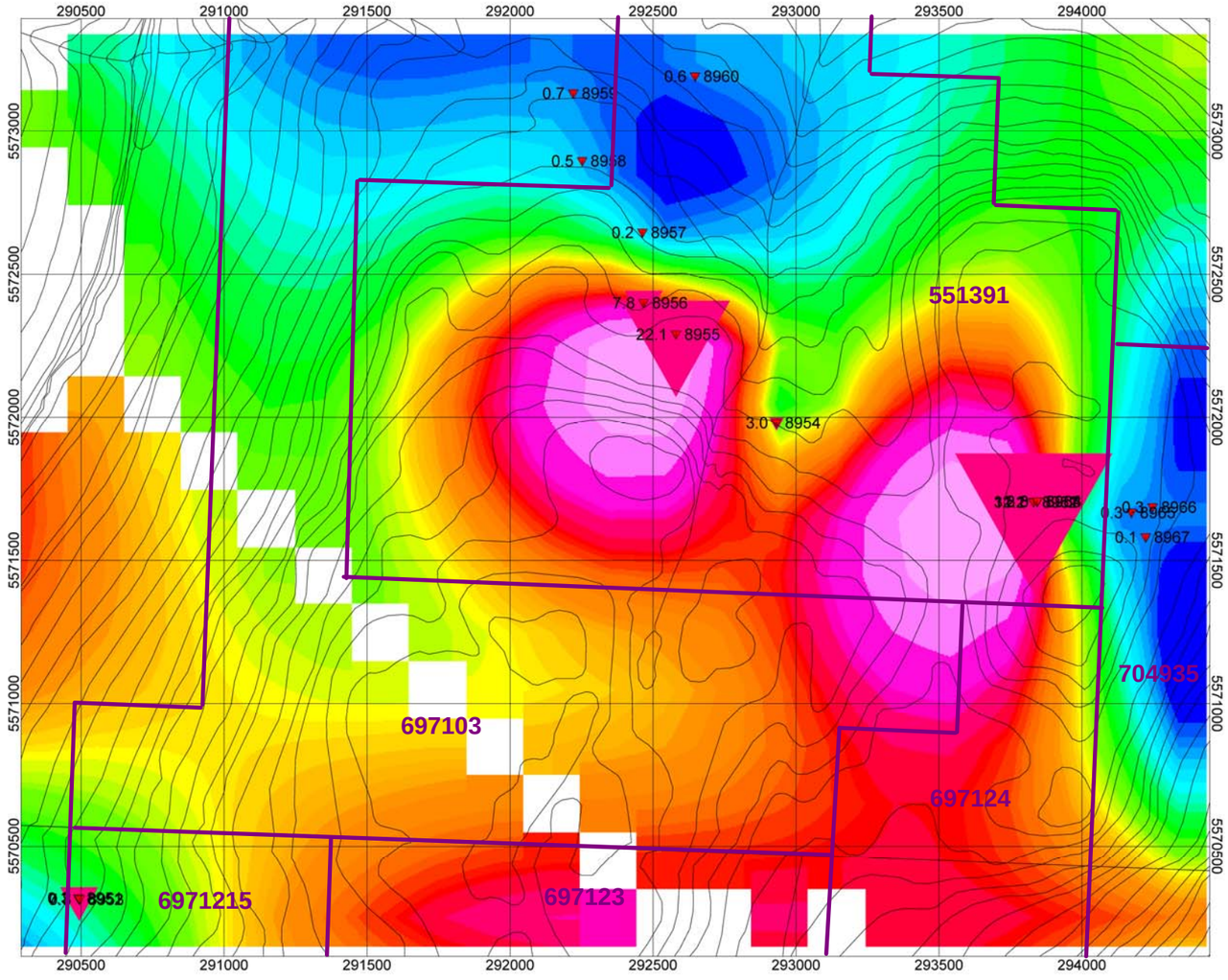
Figure 6e



250 0 250 500
(meters)
NAD83 / UTM zone 10N

Tower Project
Molybdenum in Rocks
2010 Sampling

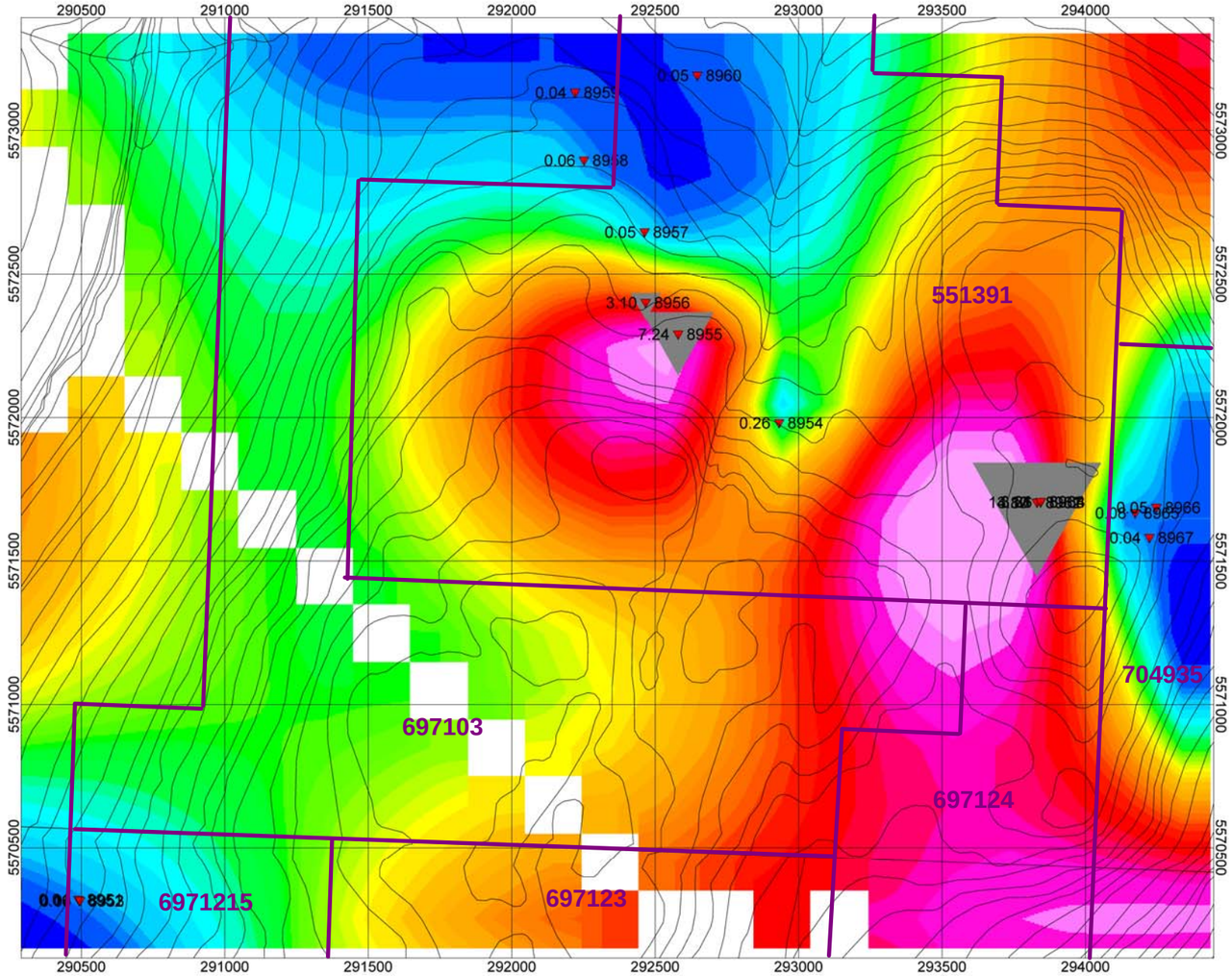
Figure 6f



250 0 250 500
(meters)
NAD83 / UTM zone 10N

Tower Project
Selenium in Rocks
2010 Sampling

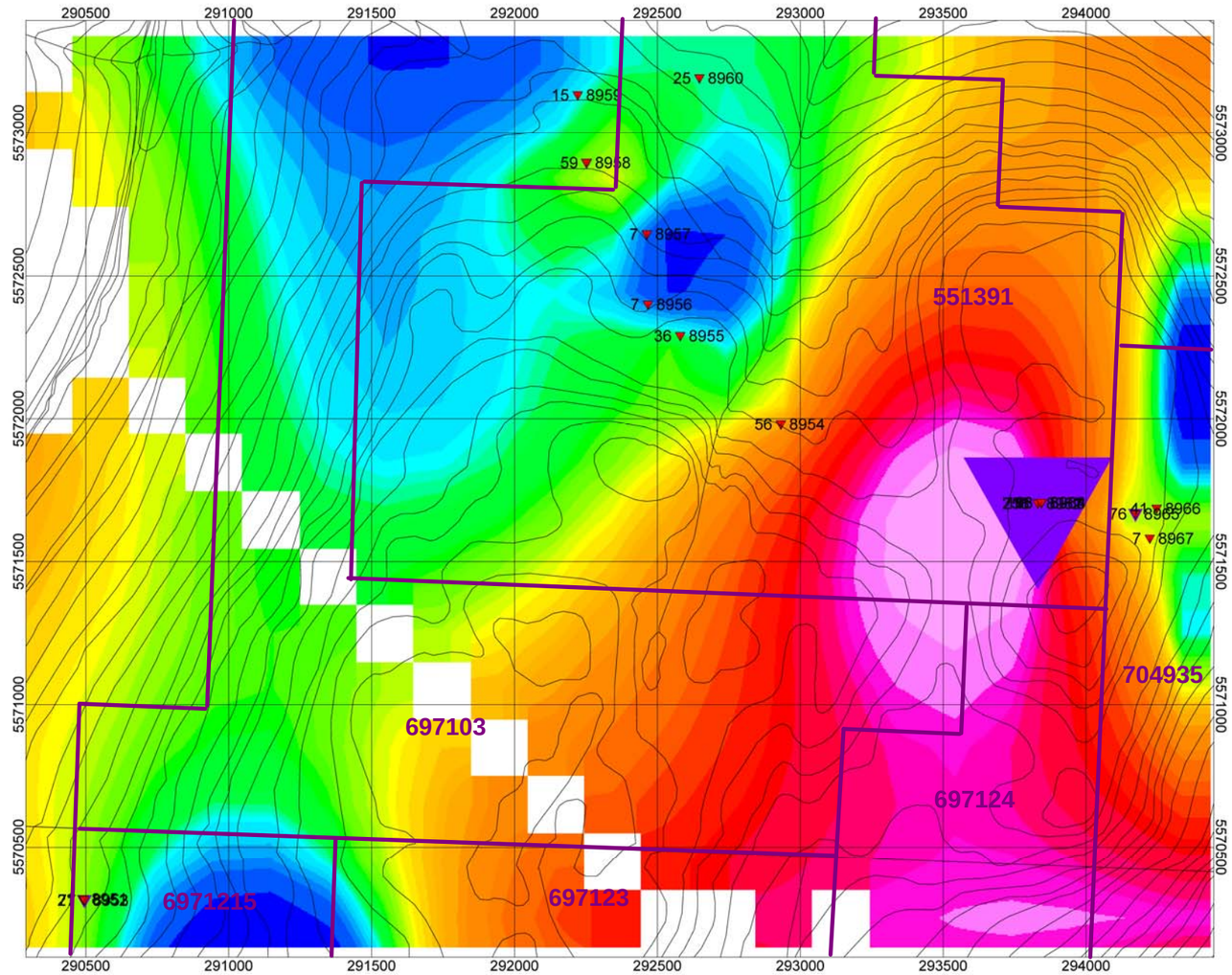
Figure 6g



250 0 250 500
(meters)
NAD83 / UTM zone 10N

Tower Project
Silver in Rocks
2010 Sampling

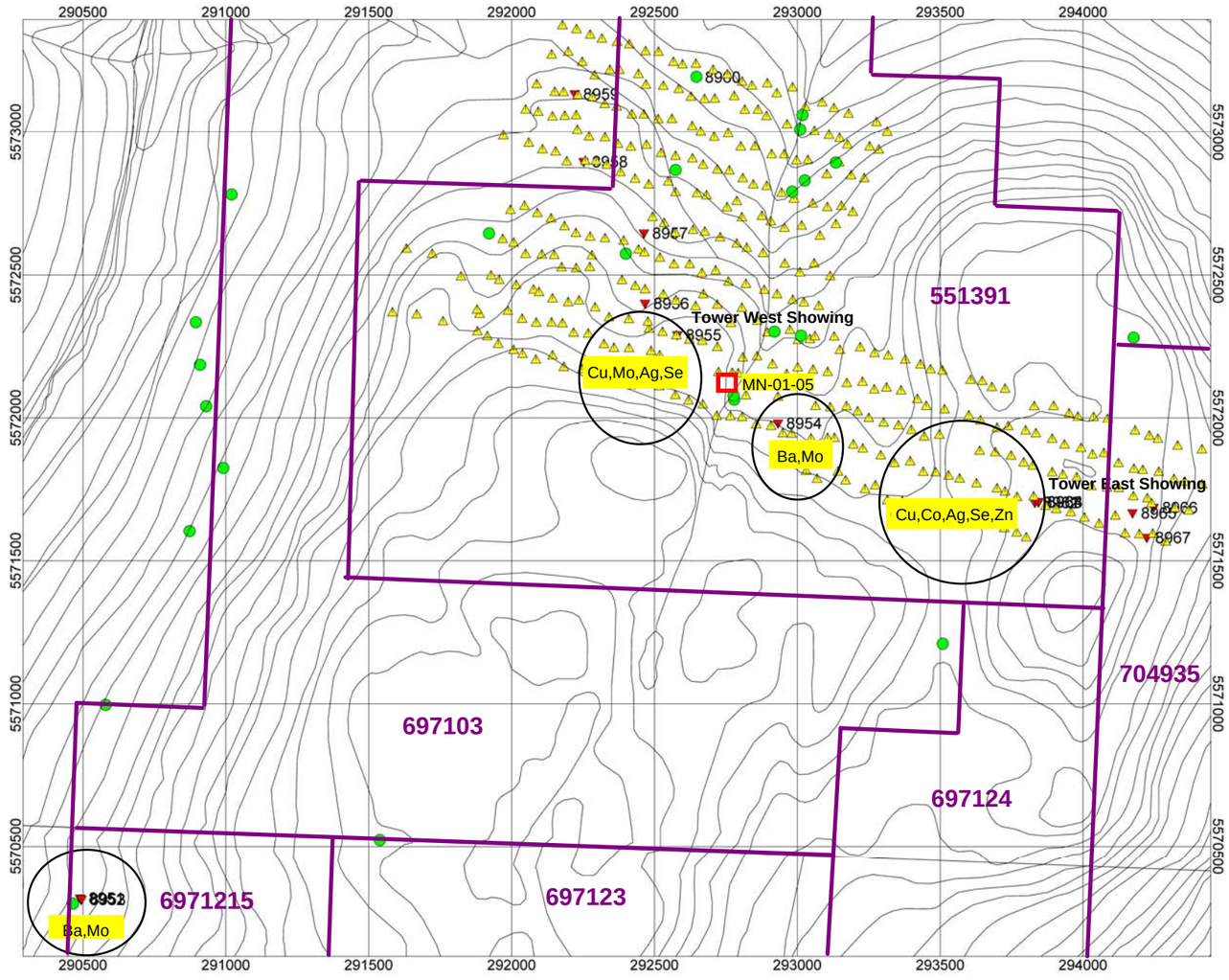
Figure 6h



250 0 250 500
(meters)
NAD83 / UTM zone 10N

Tower Project
Zinc in Rocks
2010 Sampling

Figure 6i



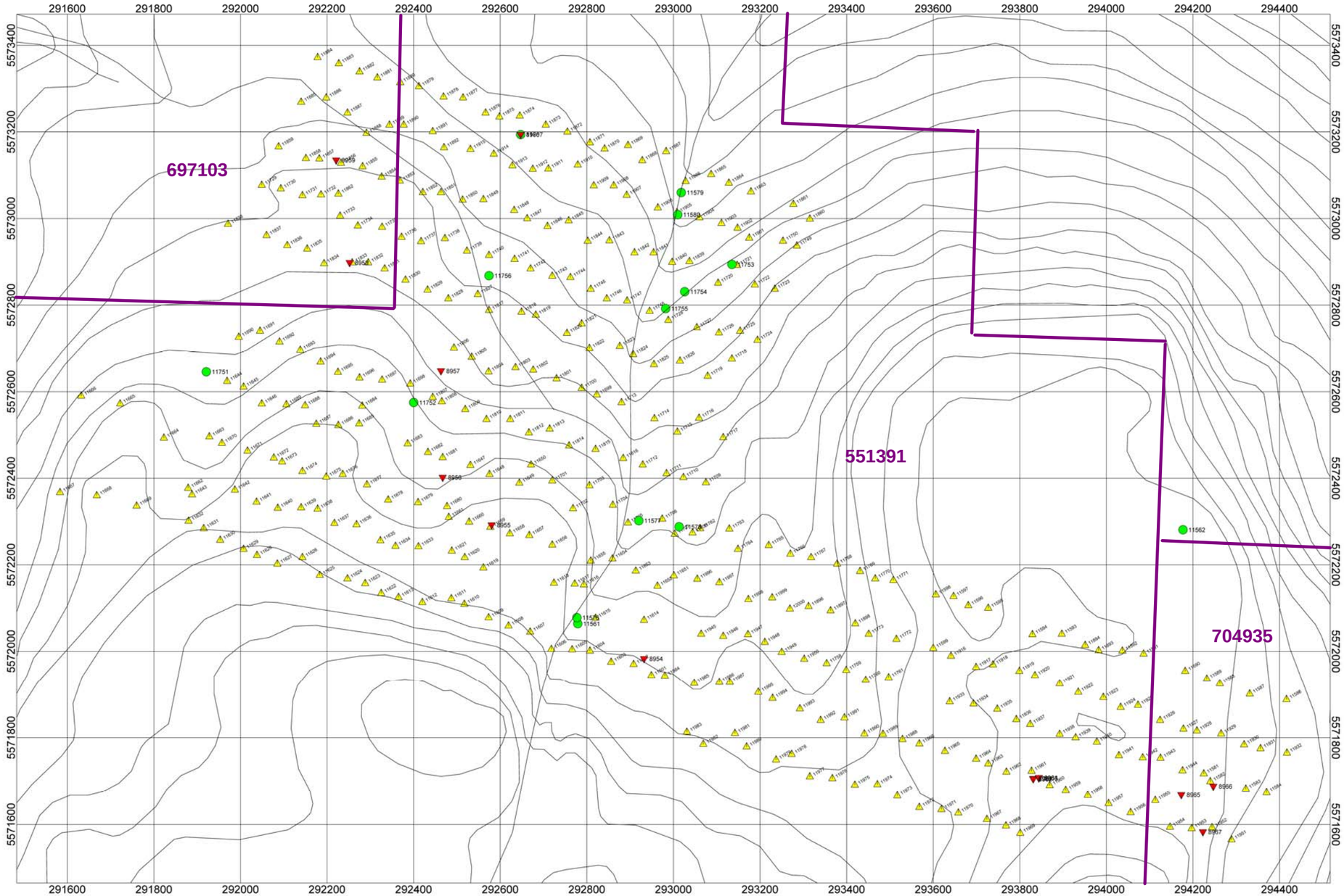
250 0 250 500
(meters)
NAD83 / UTM zone 10N

Tower Project

Rock Sample Locations

Multi-element rock geochemistry anomalies

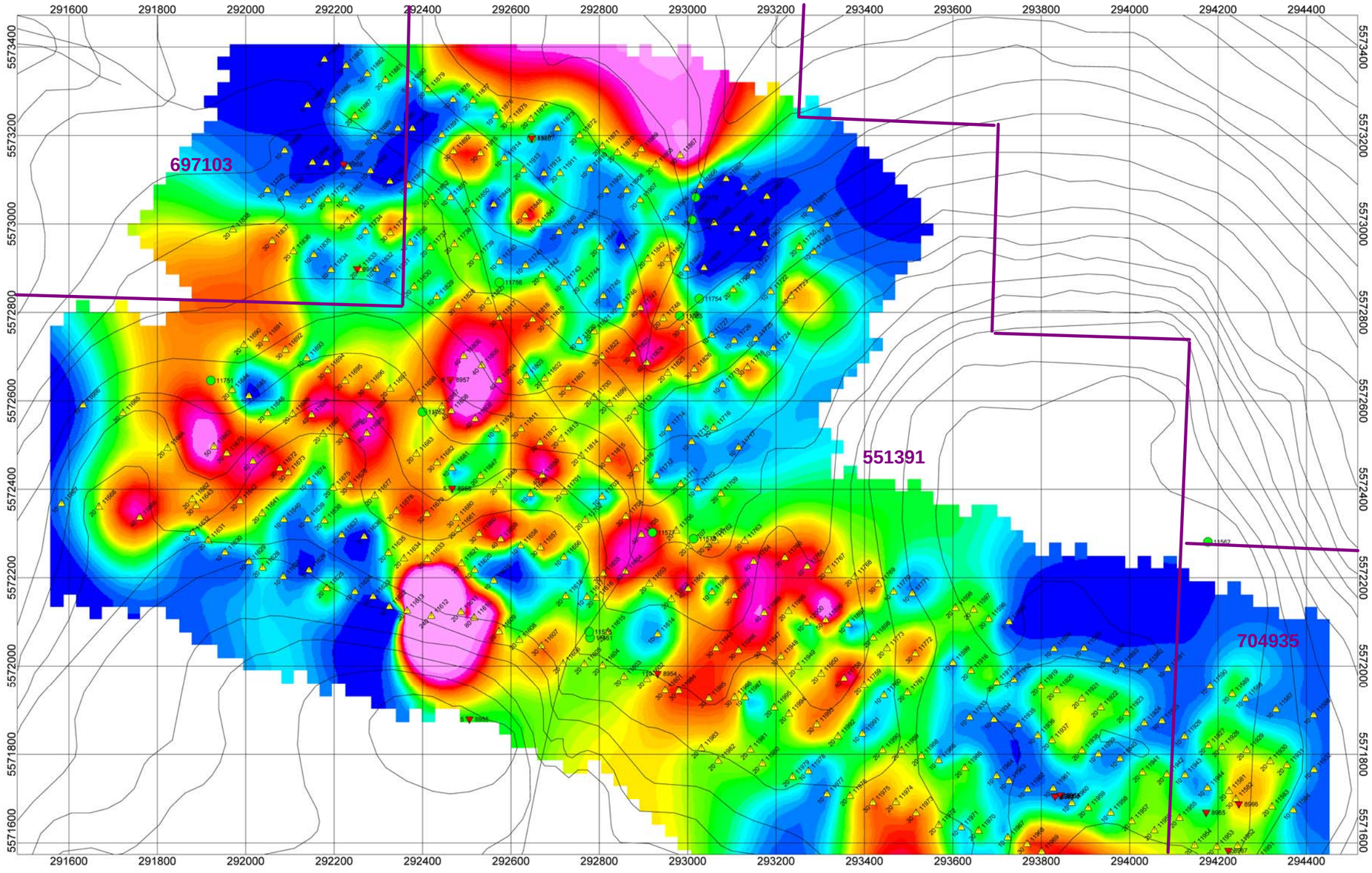
Figure 6j



100 0 100 200 300
(meters)
NAD83 / UTM zone 10N

Tower Project
2010 Soil Sample Locations

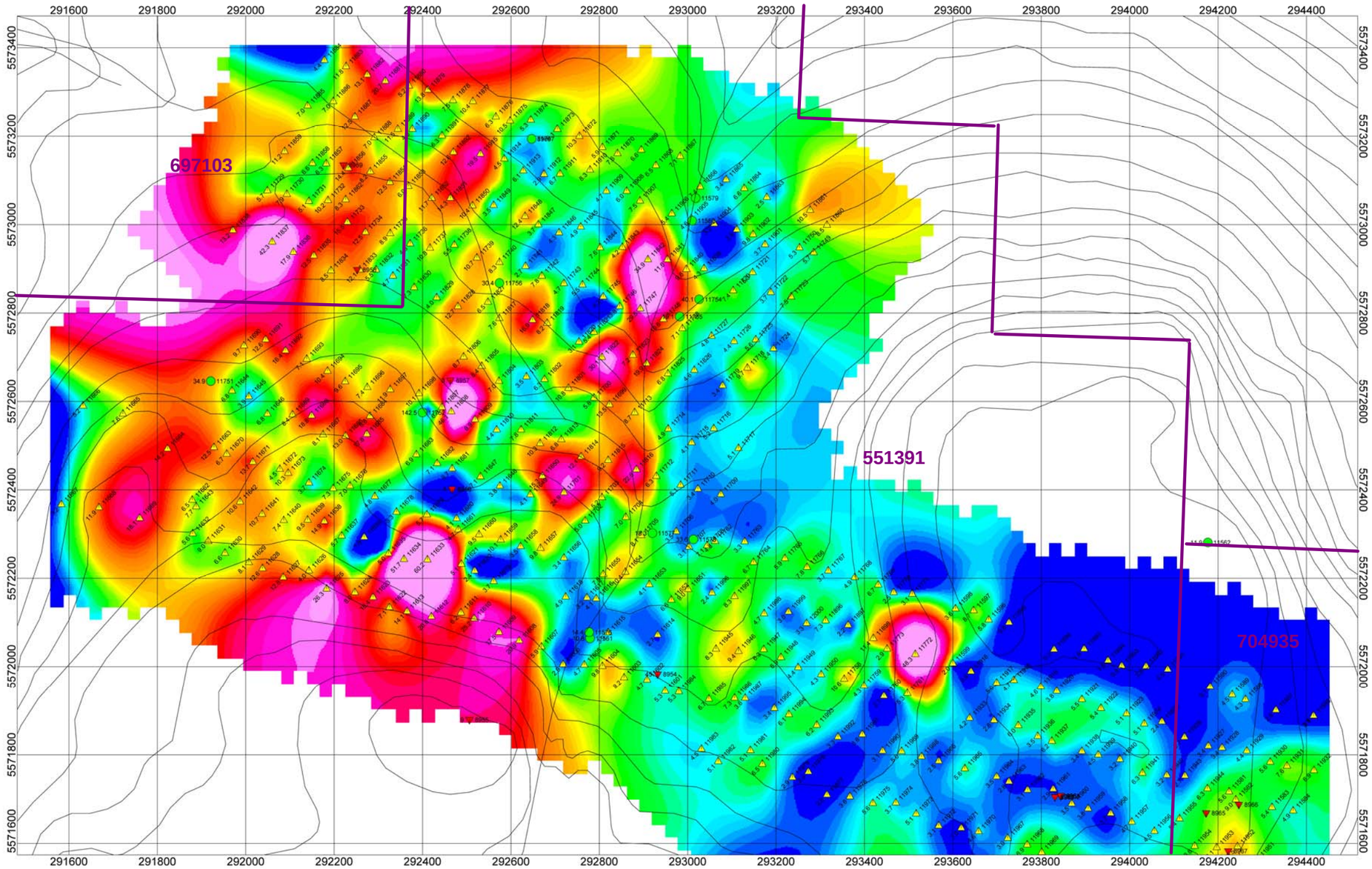
Figure 7a



100 0 100 200 300
(meters)
NAD83 / UTM zone 10N

Tower Project
Barium ppm in Soils
2010 Sampling

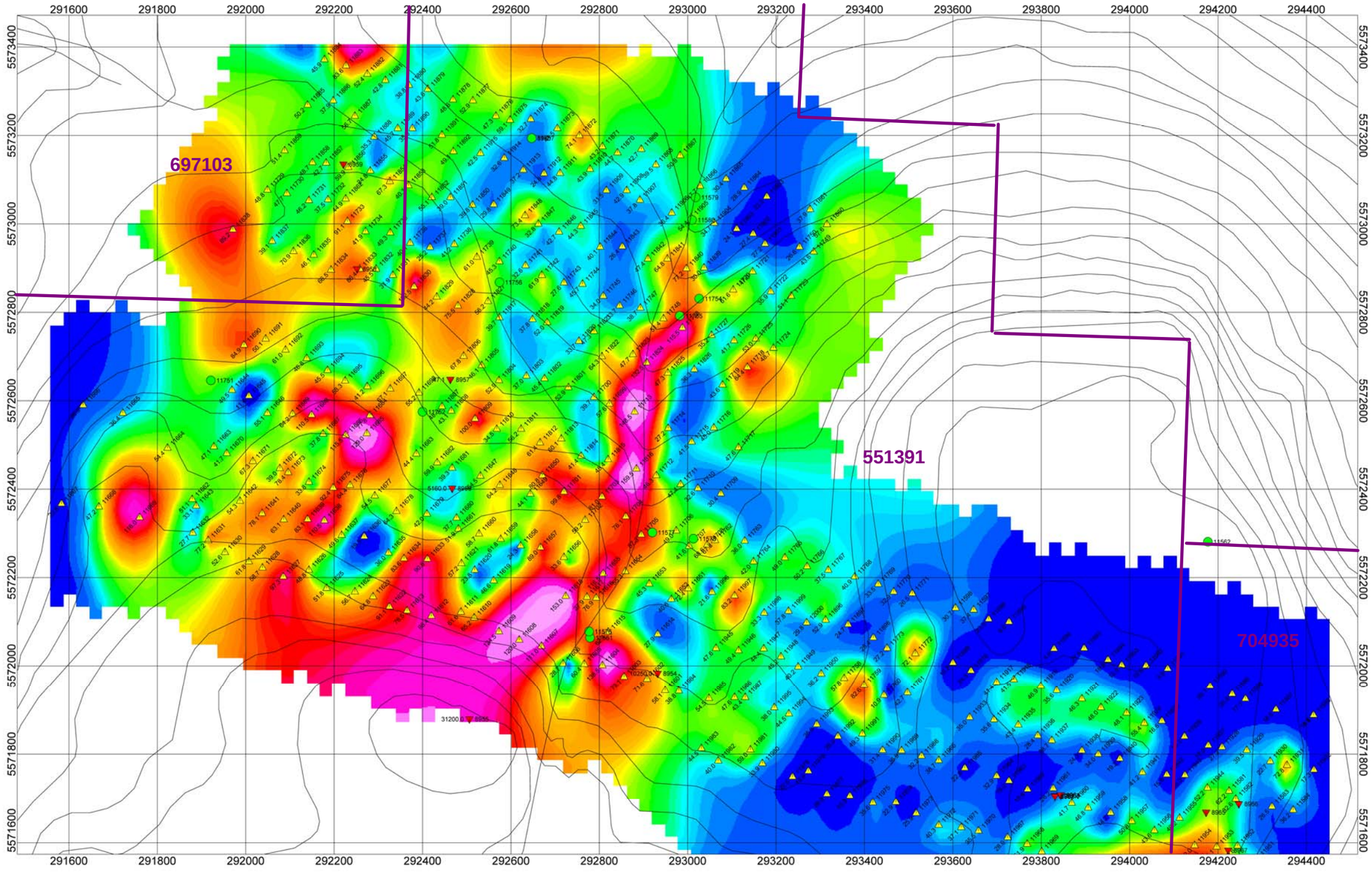
Figure 7b



100 0 100 200 300
(meters)
NAD83 / UTM zone 10N

Tower Project
Cobalt ppm in Soils
2010 Sampling

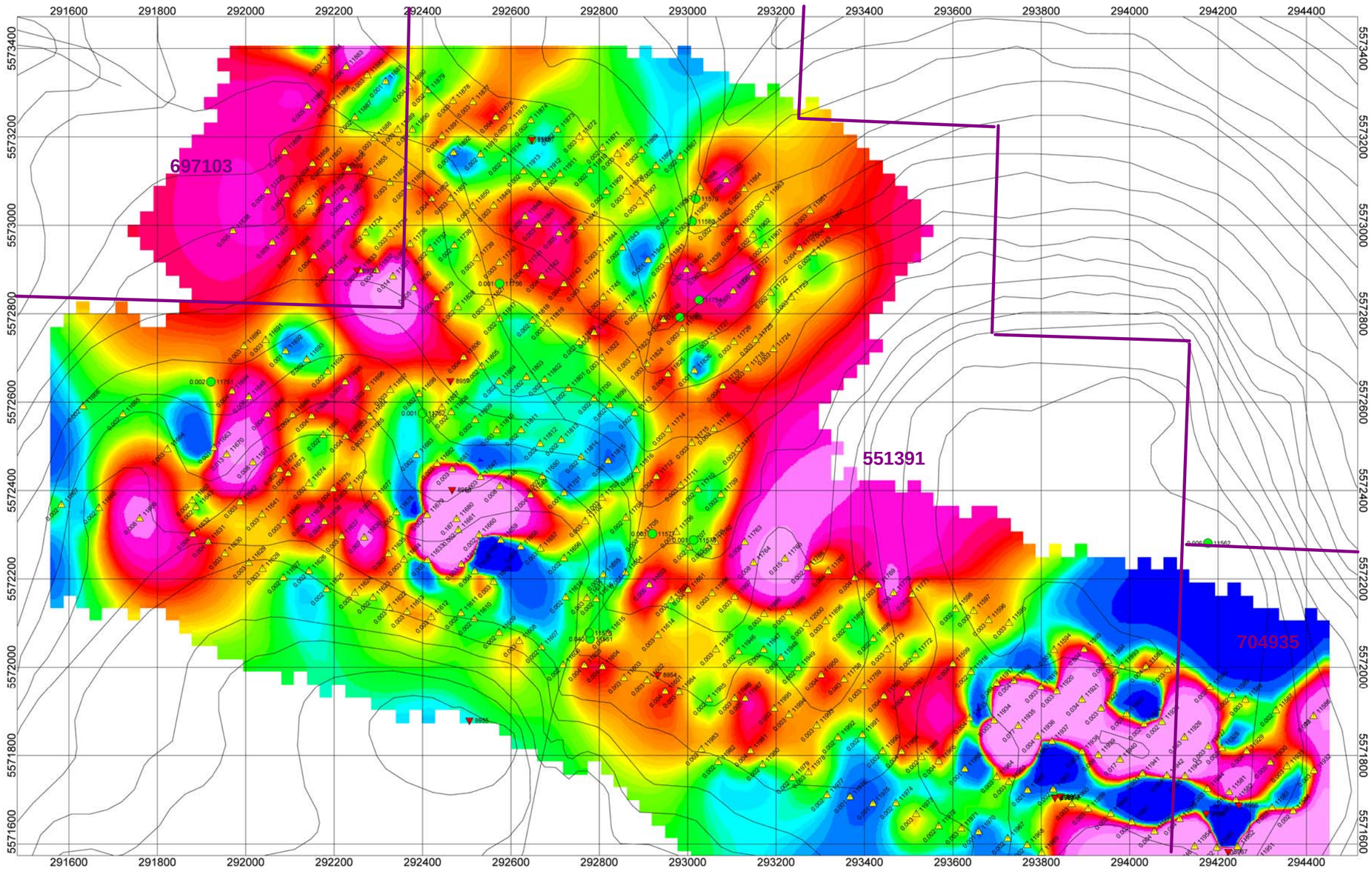
Figure 7c



100 0 100 200 300
(meters)
NAD83 / UTM zone 10N

Tower Project
Copper ppm in Soils
2010 Sampling

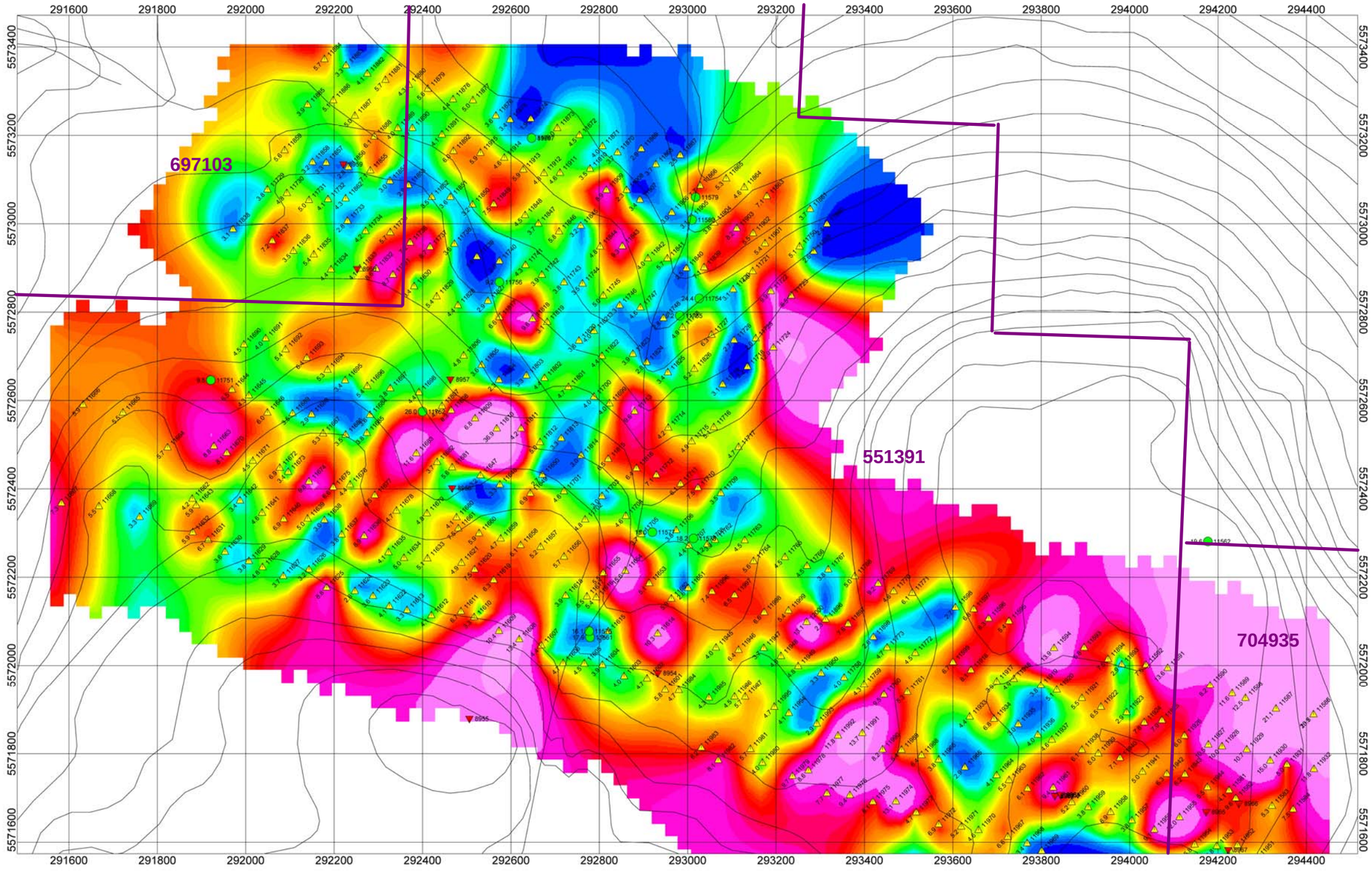
Figure 7d



100 0 100 200 300
(meters)
NAD83 / UTM zone 10N

Tower Project
Gold ppm in Soils
2010 Sampling

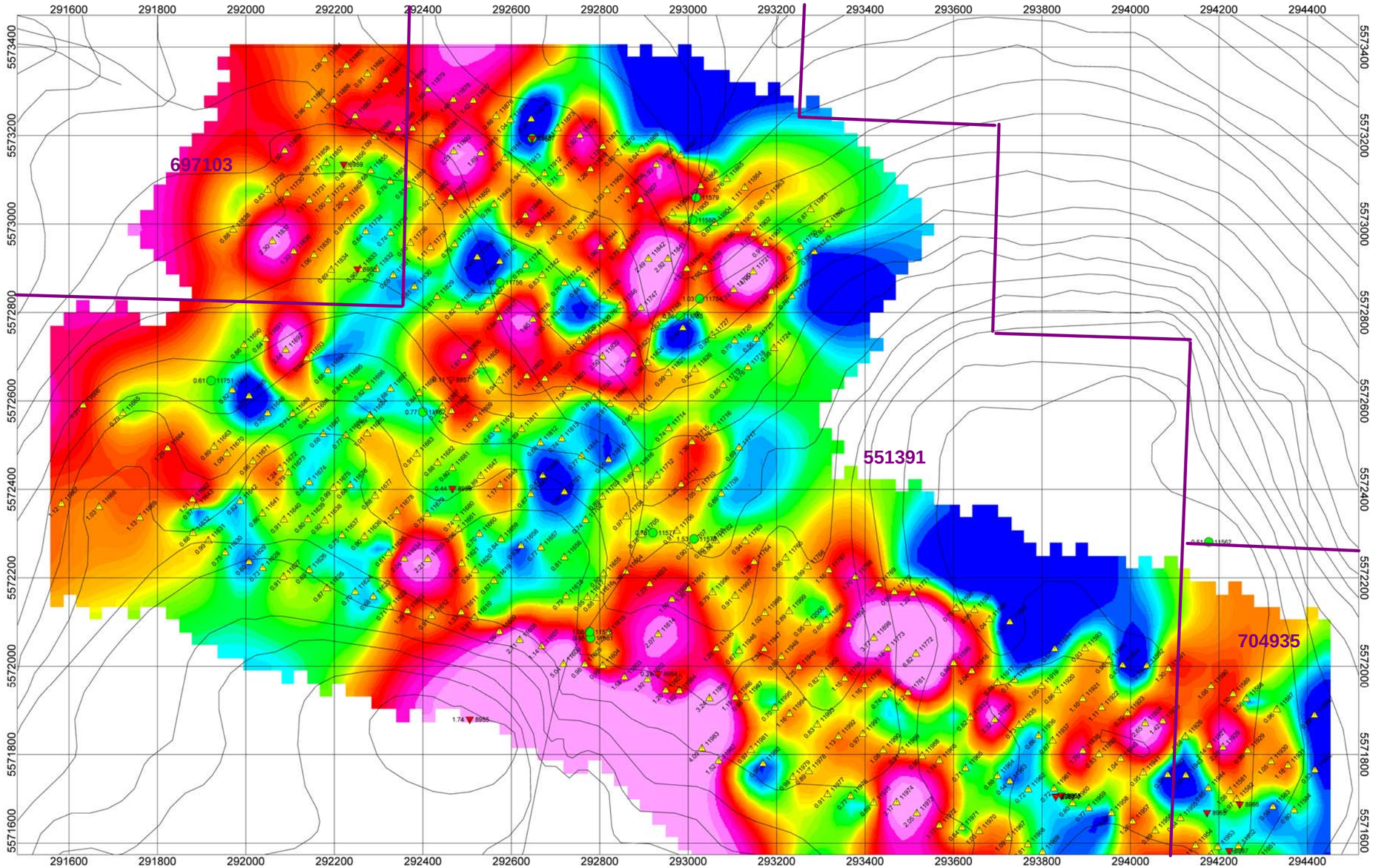
Figure 7e



100 0 100 200 300
(meters)
NAD83 / UTM zone 10N

Tower Project
Lead ppm in Soils
2010 Sampling

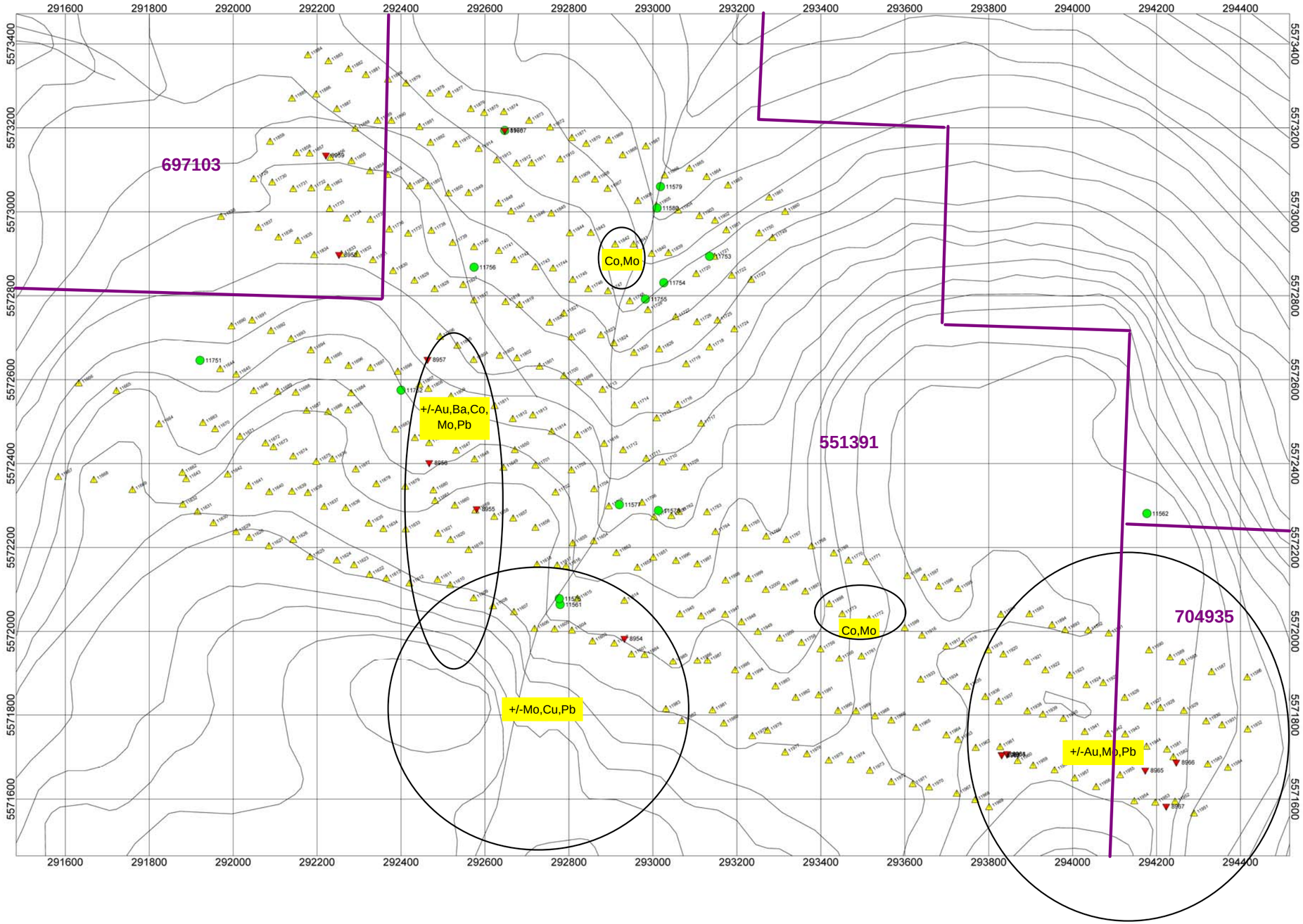
Figure 7f



100 0 100 200 300
(meters)
NAD83 / UTM zone 10N

Tower Project
Molybdenum ppm in Soils
2010 Sampling

Figure 7g



100 0 100 200 300
(meters)
NAD83 / UTM zone 10N

Tower Project

2010 Soil Sample Locations

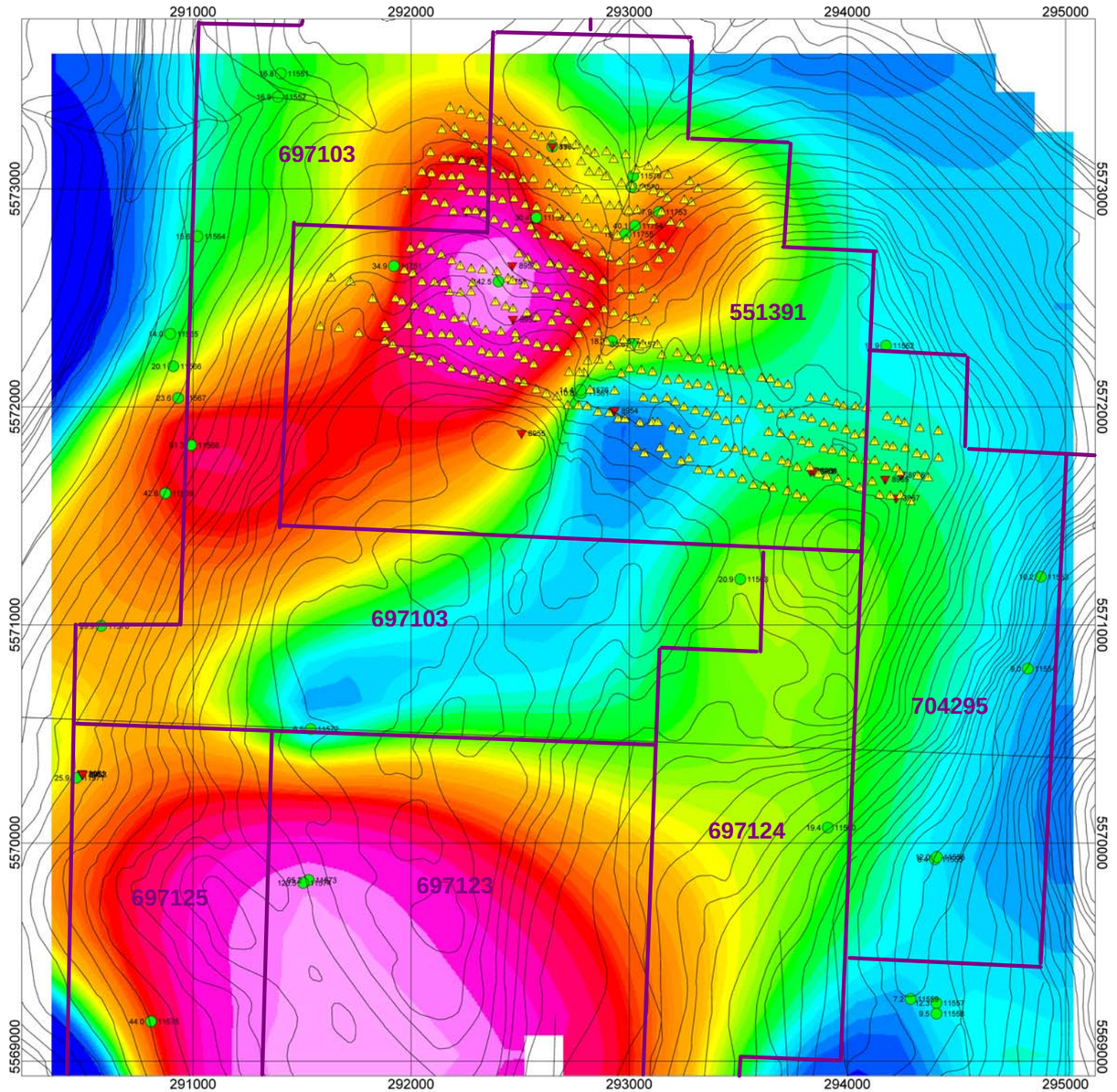
Multi-element and multi-station soil geochemistry anomalies

Figure 7h

250 0 250 500 750
(meters)
NAD83 / UTM zone 10N

Tower Project
2010 Moss Mat Sample Locations

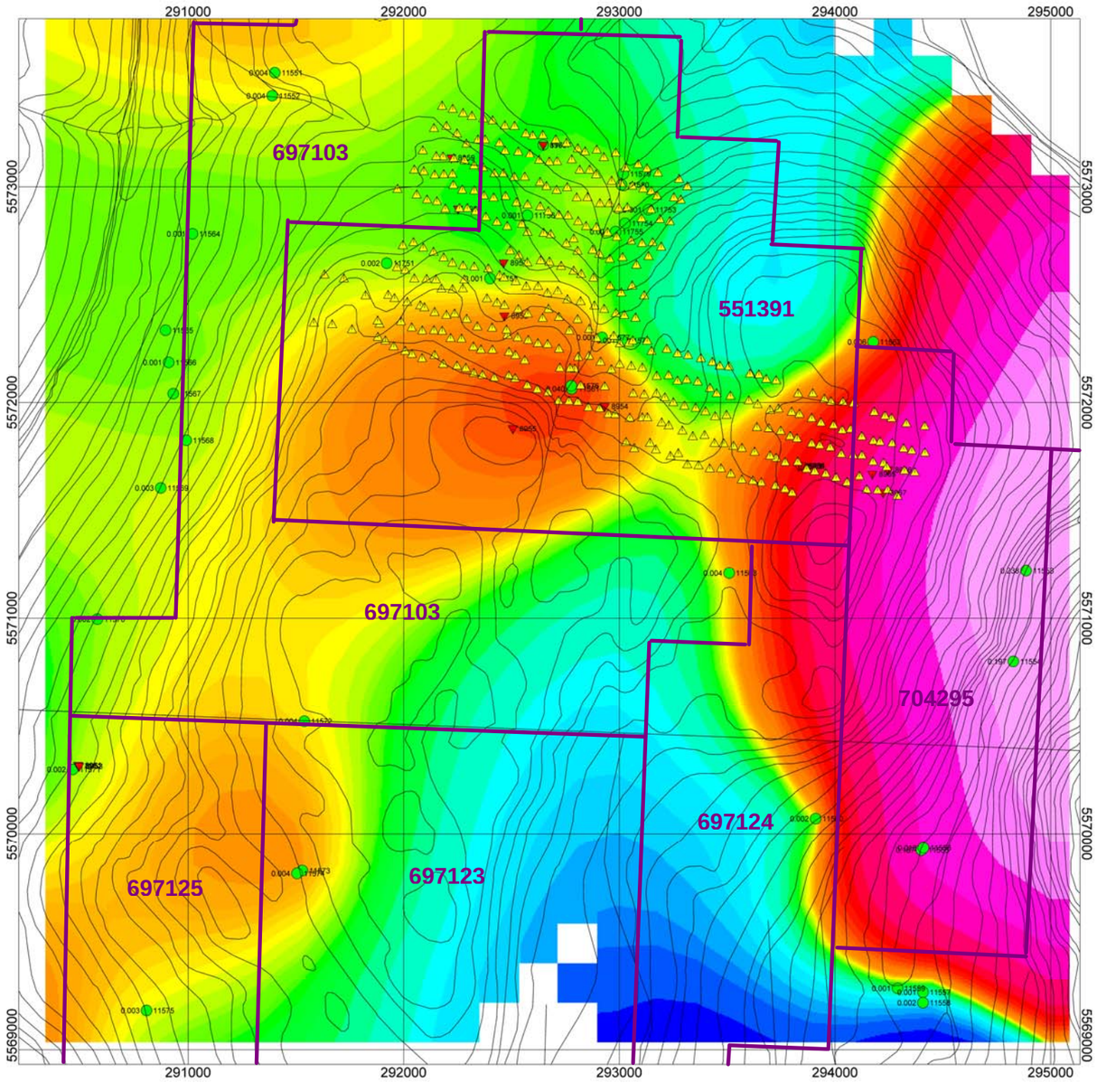
Figure 8a



250 0 250 500 750
(meters)
NAD83 / UTM zone 10N

Tower Project
Cobalt ppm in Stream Moss Mats
2010 Sampling

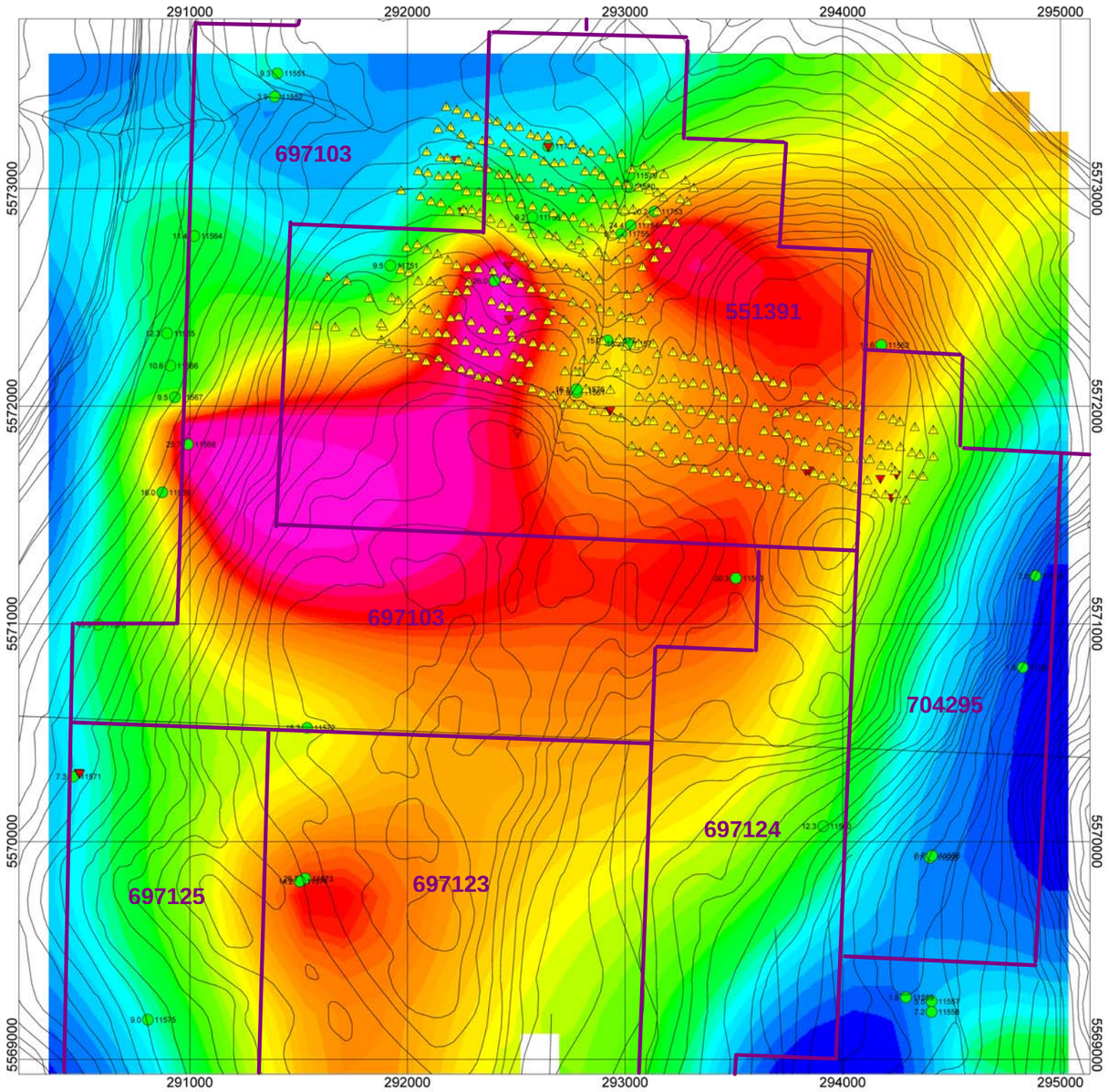
Figure 8b



250 0 250 500 750
(meters)
NAD83 / UTM zone 10N

Tower Project
Gold ppm in Stream Moss Mats
2010 Sampling

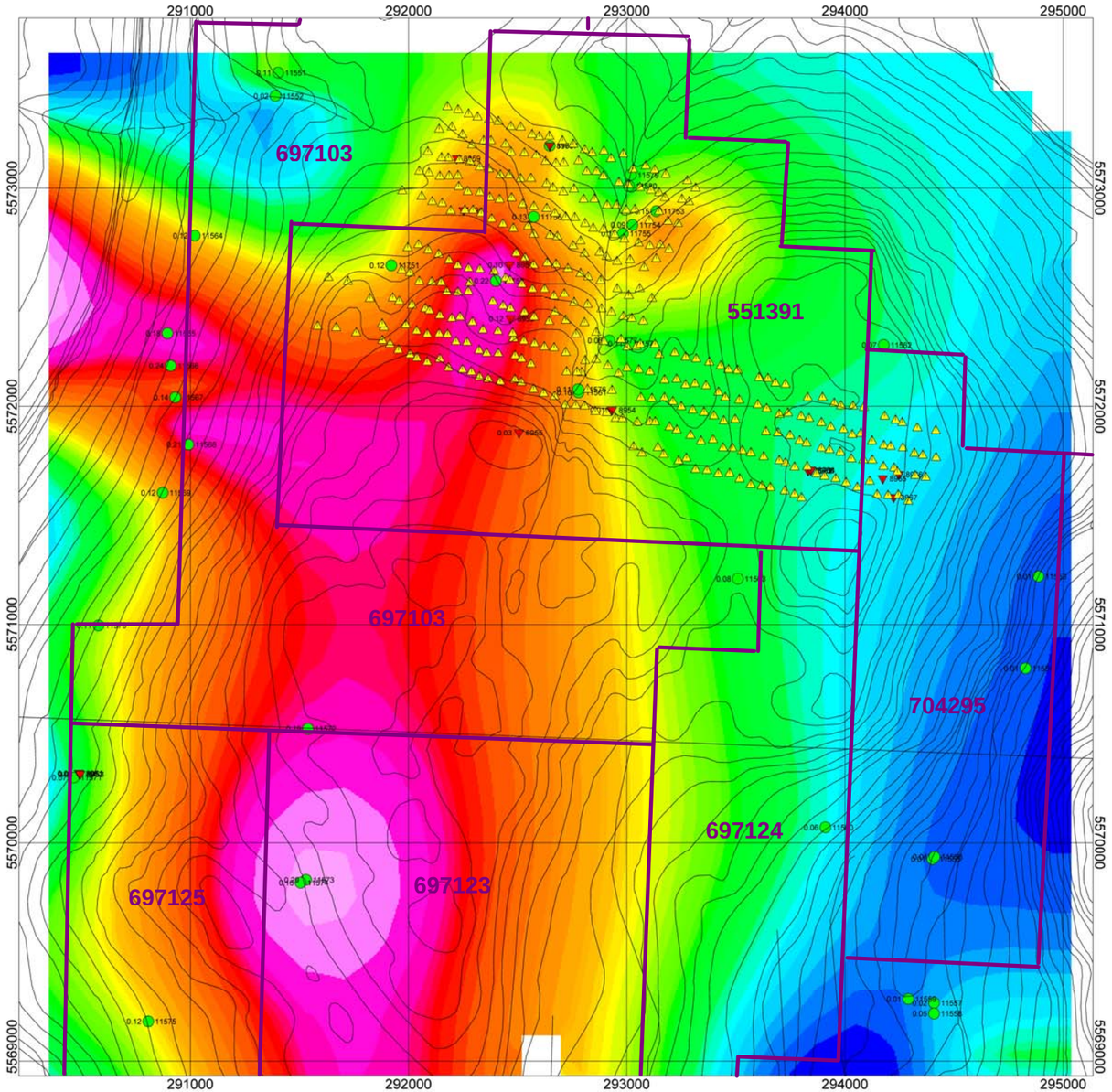
Figure 8c



250 0 250 500 750
(meters)
NAD83 / UTM zone 10N

Tower Project
Lead ppm in Stream Moss Mats
2010 Sampling

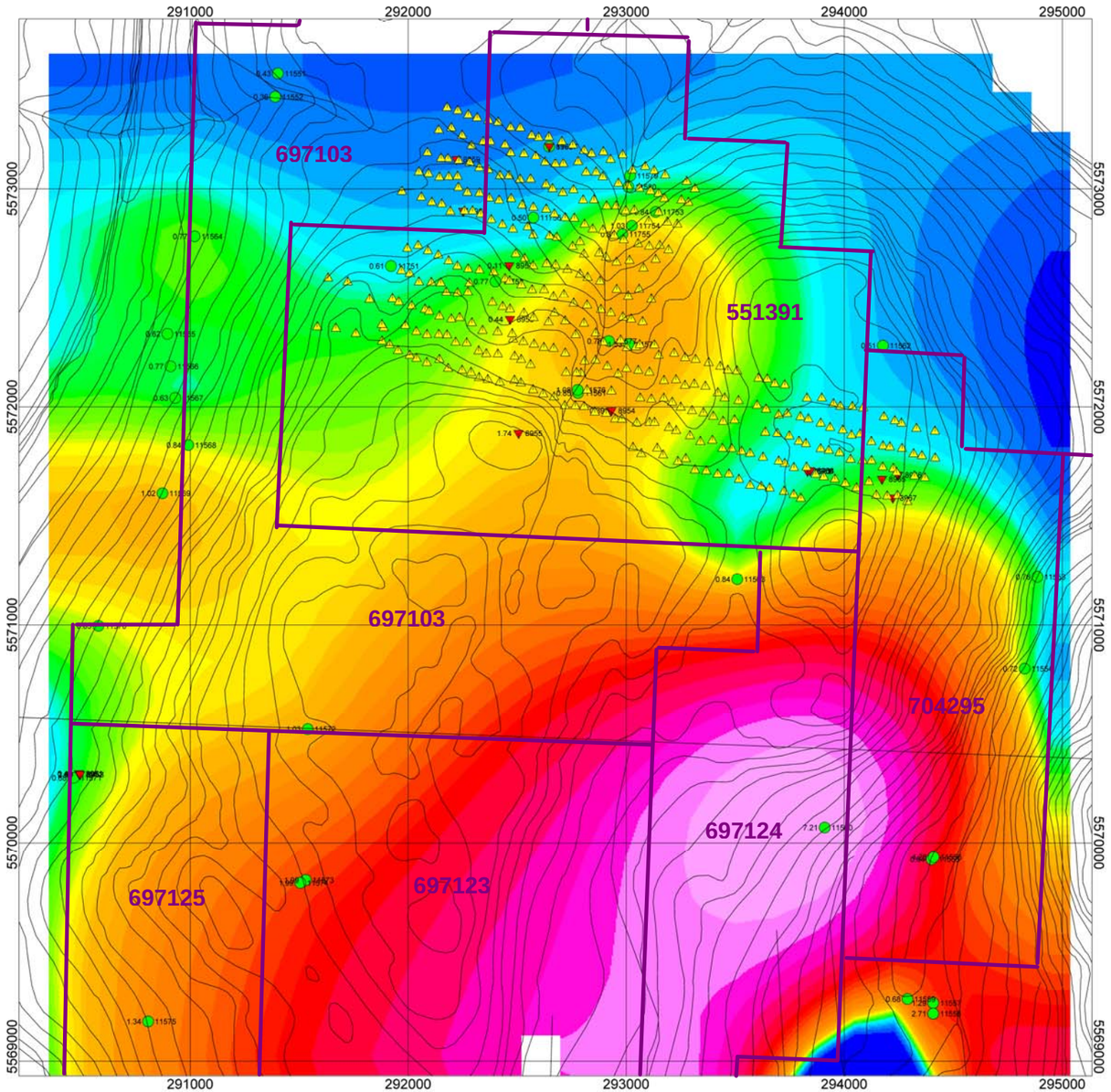
Figure 8d



250 0 250 500 750
(meters)
NAD83 / UTM zone 10N

Tower Project
Mercury ppm in Stream Moss Mats
2010 Sampling

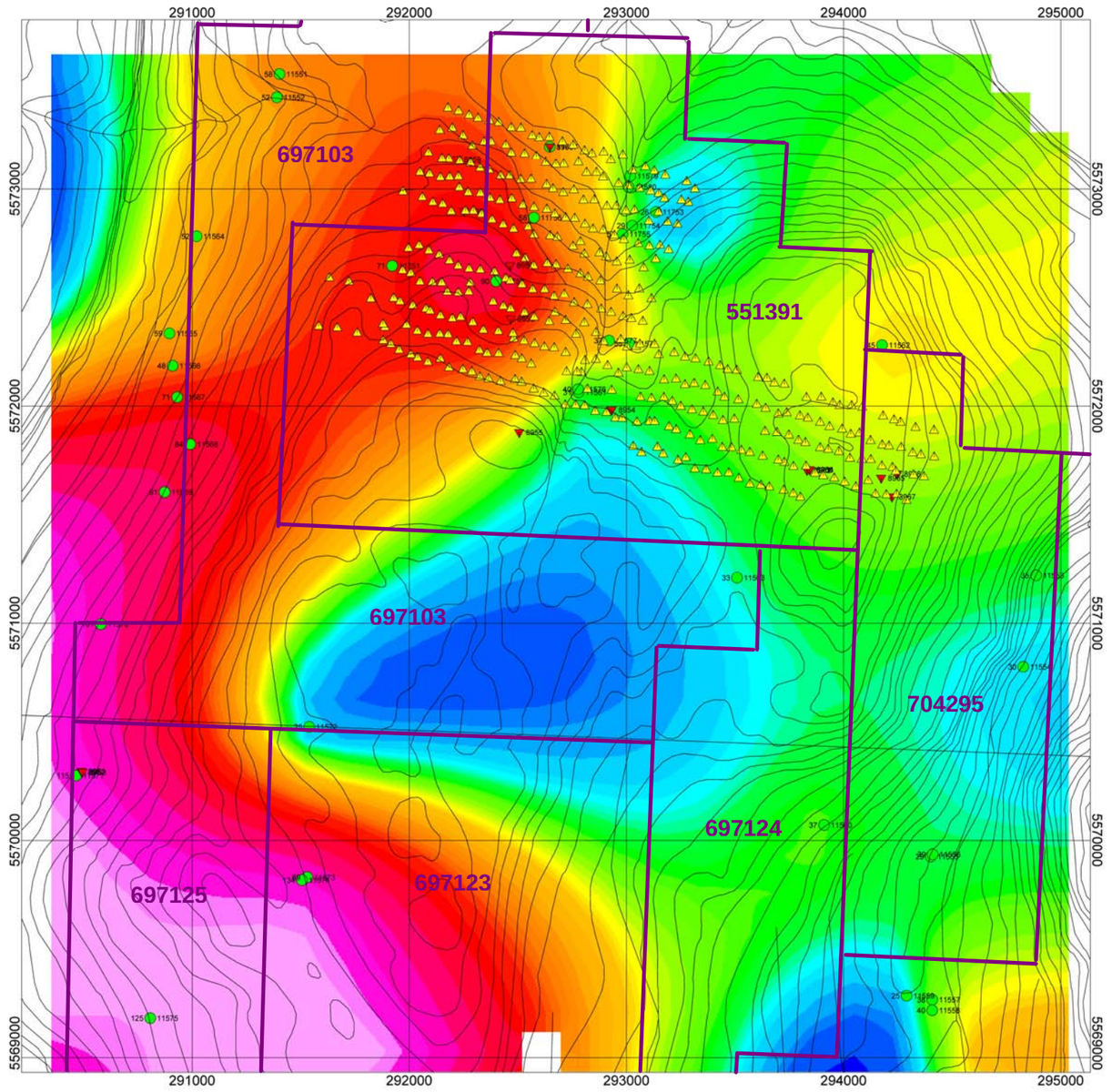
Figure 8e



250 0 250 500 750
(meters)
NAD83 / UTM zone 10N

Tower Project
Molybdenum ppm in Stream Moss Mats
2010 Sampling

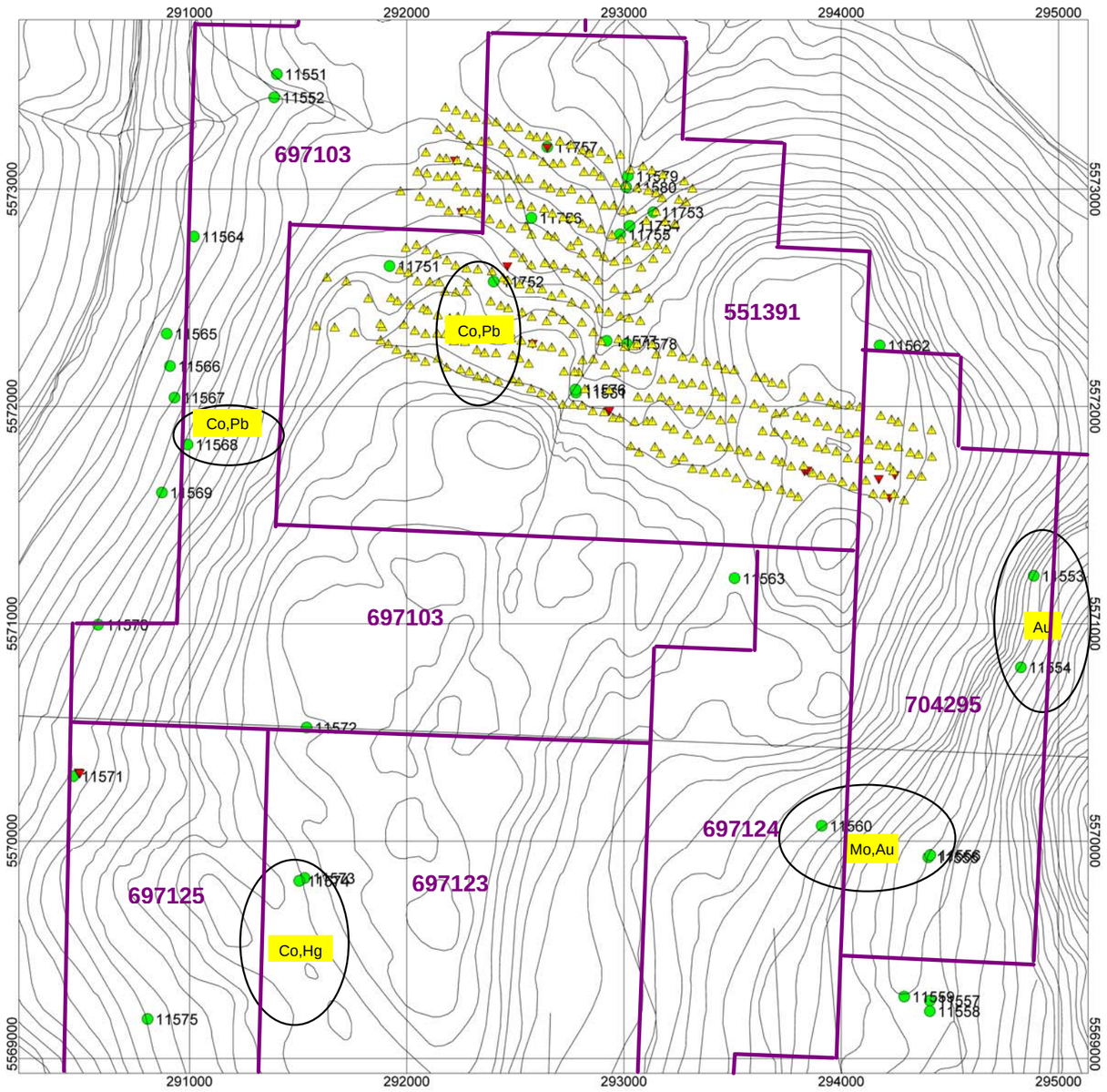
Figure 8f



250 0 250 500 750
(meters)
NAD83 / UTM zone 10N

Tower Project
Zinc ppm in Stream Moss Mats
2010 Sampling

Figure 8g



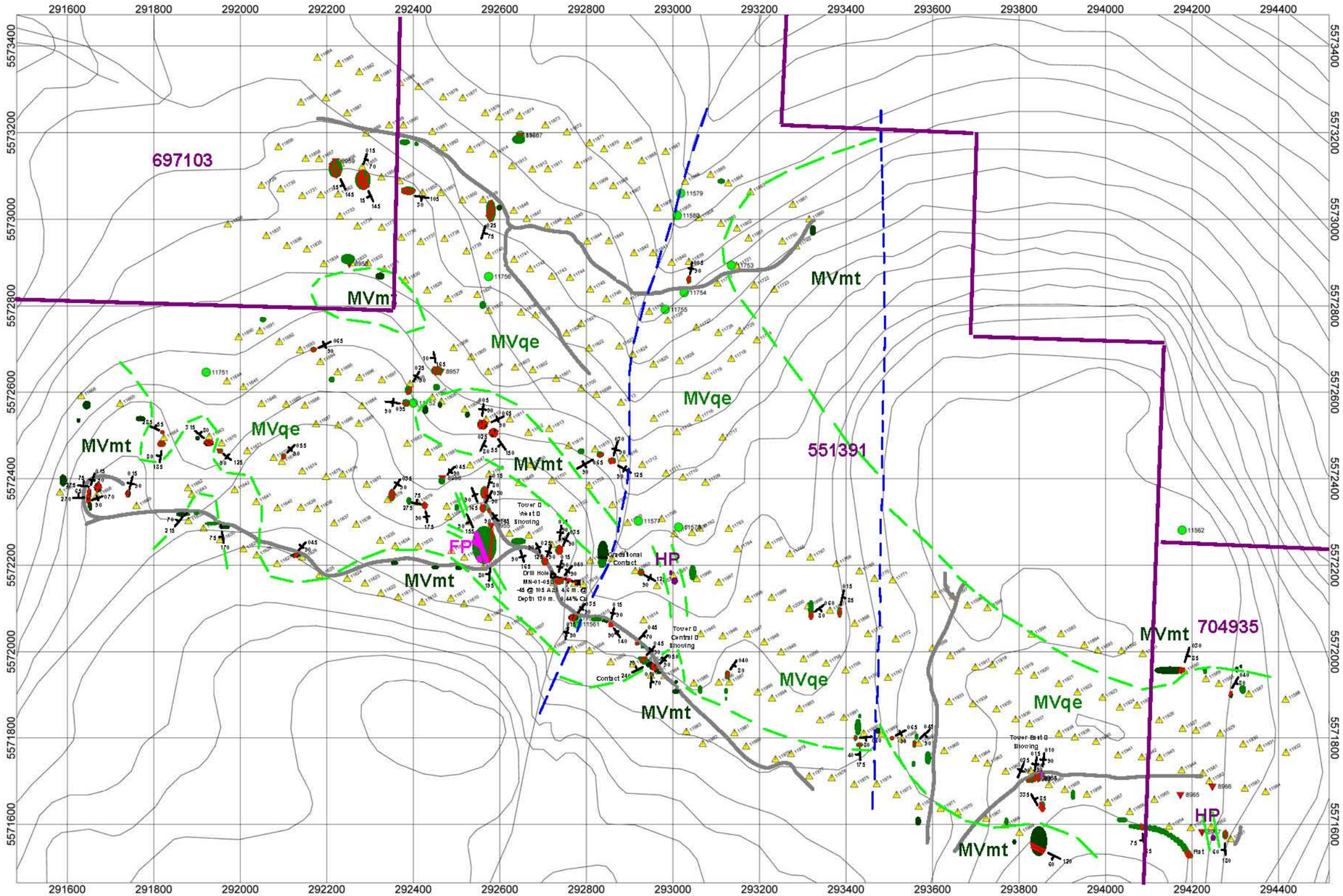
250 0 250 500 750
(meters)
NAD83 / UTM zone 10N

Tower Project

2010 Moss Mat Sample Locations

Multi-element or multi-station or significant stream moss mat geochemistry anomalies

Figure 8h



Quartz-Chlorite-Epidote+/-Sulphide Vein or Stringer QV

Medium Grained Feldspar Porphyry Intrusive Dike FP

Intermediate Hornblende Porphyry Intrusive HP

Mafic Volcanics - Quartz-Epidote bearing MVqe

Mafic Volcanics - Magnetite-bearing MVmt

100 0 100 200 300

(meters)

NAD83 / UTM zone 10N

Tower Project

2010 Grid Geological Mapping

Diamond Drill Hole with Intercepts

Logging Road segments in mapped area

Strike & Dip Measurements of Veins & Contacts

Interpreted Geological Contacts

Interpreted Faults

Figure 9

Appendix 1

2010 Rock Sample Locations, Descriptions and Geochemistry

2010 Rock Sample Locations for Tower Project

Sample #	Date	Sampler	Property	Location	Details	UTM Zone	Easting	Northing	Elevation
8951	21-Apr-10	J. Houle	Tower	W. Side above White River Branch 303 - in creek bed north of moss mat sample 1157	Select float grab of bleached? marblized limestone - 0.25 m. thick boulder in north side of creek b	10N	290490	5570319	355
8952	21-Apr-10	J. Houle	Tower	W. Side above White River Branch 303 - in creek bed north of moss mat sample 1157	Select float grab of sulphidic mineralized contact between intrusive and limestone - 0.25 m. boulder in creek b	10N	290493	5570315	355
8953	21-Apr-10	J. Houle	Tower	W. Side above White River Branch 303 - in creek bed north of moss mat sample 1157	Select outcrop grab of intrusive with chl-mt alteration and jointing @ 015/90 & 095/90 in cliff face in creek be	10N	290495	5570315	355
8954	22-Apr-10	J. Houle	Tower	Grid area Branch C111 - along north side roadcut see mapping sheet #	Select outcrop grab of 1.0 m. thick quartz-epidote-sulphide-malachite breccia zone @ 045/90 in int. f.p. intrusi	10N	292932	5571983	534
8955	22-Apr-10	J. Houle	Tower	Grid area Branch C111 - along south side rock quarry - mapping sheet #	Select outcrop grab of 0.1 m. thick quartz-epidote-sulphide-malachite vein @ 195/80 in intermed. Feld. Por. Intru	10N	292580	5572292	543
8956	27-Apr-10	J. Houle	Tower	Grid area between stations 249 and 333	Select outcrop? Grab of 0.05 m. thick quartz-epidote-sulphide vein @ 045/90 in mafic volcanic - epidote, quar	10N	292467	5572402	513
8957	29-Apr-10	J. Houle	Tower	Grid area between stations 204 and 356 in north-flowing creek be	Select outcrop grab of 0.3+ m. thick quartz-epidote-chlorite vein @ 165/10 in mafic volcanics - epidote, quar	10N	292463	5572648	400
8958	03-May-10	J. Houle	Tower	Grid area east of soil sample 11833	Random outcrop grab of 10+m. thick quartz-epidote altered mafic volcanics sheared @ 145/8	10N	292252	5572898	437
8959	04-May-10	J. Houle	Tower	Grid area north of soil sample 11856 and station 140	Random outcrop grab of 10+m. thick quartz-epidote altered mafic volcanics with qtz-epid strs @ 145/101 & sheared @ 125/90	10N	292221	5573135	378
8960	05-May-10	J. Houle	Tower	Grid area south of station 104 in north flowing creel	Random outcrop grab of 3+m. thick quartz-epidote altered mafic volcanic with trace v.f.g. sulphid	10N	292647	5573194	318
8961	06-May-10	J. Houle	Tower	Salmon River Branch 111E - in road cut south sid	Select outcrop grab of 0.1 m. thick quartz-sulphide vein @ 025/90 in altered mafic volcanics - Bn, Cpy, Py, Ma	10N	293831	5571706	662
8962	06-May-10	J. Houle	Tower	Salmon River Branch 111E - in road cut south sid	Select outcrop grab of 0.5+m. thick quartz-sulphide vein @ 025/90 in altered mafic volcanics - Bn, Cpy, Py, M	10N	293831	5571705	662
8963	06-May-10	J. Houle	Tower	Salmon River Branch 111E - in road cut south side	Select outcrop grab of 0.1 m. thick quartz-sulphide vein @ 025/75 in altered mafic volc. & interm. Intrus. - Cpy, Bo, Py, Mal	10N	293844	5571707	650
8964	06-May-10	J. Houle	Tower	Salmon River Branch 111E - in road cut south side	Select outcrop grab of 0.1 m. thick quartz-sulphide vein @ 015/90 in Interm. Intrus. & alt'd mafic volc. - Cpy, Bo, Py, Mal.	10N	293844	5571708	650
8965	06-May-10	J. Houle	Tower	Salmon River Branch 111E - in road cut south sid	Random outcrop grab of 0.9 m. thick hornblende porphyry dike @ 165/75 in mafic volcanics - Epid., M	10N	294173	5571669	647
8966	06-May-10	J. Houle	Tower	Salmon River Branch 111E - east side of knoll off east end of roa	Random outcrop grab of 2+ m. thick altered mafic volcanic sheared @ 035/80 - Epid., Qtz., Bc	10N	294247	5571688	645
8967	06-May-10	A. Houle	Tower	Salmon River Branch 111E - northwest-trending cliff south of east end of roa	Select outcrop grab of 0.15 m. thick quartz-epidote-sulphide vein with flat orientatic	10N	294223	5571583	654

2010 Rock Sample Descriptions for Tower Project

Sample #	Descriptions
8951	White, fine grained, massive, occasionally fractured, marble with 5% pale yellow areas and rare wisps of epidote
8952	Contact between 10% pale green, f.g., banded tuff; and 90% grey to buff, silicified, chloritic and pyrrhotitic, weakly magnetic, fine grained feldspar porphyry intrusive; contains 2% pyrrhotite as m.g. aggregates rimmed by chlorite
8953	Dark grey, massive, occasionally fractured, chloritic, weakly magnetic, medium grained feldspar porphyry intrusive with 2% very fine grained disseminated magnetite, 0.1% disseminated pyrite, and 2% stockwork quartz-calcite-epidote stringers
8954	Grey, with black and white spots and bands, fine grained, fractured, silicified, epidotic, chloritic and malachitic mafic volcanics with 20% medium grained quartz eyes, 20% vuggy, banded and brecciated quartz-chlorite-epidote-sulphide stockwork veins, containing 2% fractured and rust-rimmed chalcopyrite+/-bornite ag
8955	Green and white banded, fine grained, fractured, silicified, epidotic, chloritic and malachitic mafic volcanics with 80% banded and brecciated quartz-calcite-chlorite-epidote-sulphide stockwork veins, containing 5% rust-rimmed chalcopyrite+/-bornite aggregates
8956	Buff and white banded, fine grained, fractured, silicified, epidotic and sericitic mafic volcanic with 75% banded and brecciated, vuggy and rusty quartz-sericite-sulphide stockwork veins, containing 5% rust-rimmed chalcopyrite+/-bornite aggregates (75% oxidized)
8957	White and green, medium grained, locally vuggy, massive quartz-epidote-chlorite vein
8958	Dark green and locally white and buff, fine grained, massive and locally fractured, silicified, chloritic and epidotic mafic volcanics, with 5% quartz-epidote stockwork stringers and rounded eyes
8959	Green, fine grained, massive, silicified and epidotic mafic volcanics with 20% rounded quartz-epidote+/-chlorite+/-garnet(rare) eyes and stockwork stringers
8960	Green, fine grained, massive, silicified and epidotic mafic volcanics with 30% rounded quartz-epidote+/-chlorite+/-sulphide eyes and vuggy stockwork stringers; 0.1% rust-rimmed chalcopyrite+/-bornite aggregates in few eyes (75% oxidized)
8961	Grey and brass, fine grained, weakly banded, silicified, epidotic and malachitic and sulphidic mafic volcanics with 25% stockwork quartz-epidote-sulphide stringers; 10% sulphides in zoned aggregates consisting 8% chalcopyrite, 1% bornite and 1% pyrite
8962	Grey and buff, medium grained (re-crystallized?), silficified, epidotic, chloritic, sericitic and malachitic mafic volcanics with 15% vuggy and rusty stockwork quartz-calcite-epidote-chlorite-malachite+/-sulphide stringers; 1% chalcopyrite in large, rusty aggregates (90% oxidized)
8963	Grey, buff and brown, medium grained (re-crystallized?), silicified, epidotic, chloritic, sericitic and malachitic mafic volcanics with 25% vuggy and rusty and brecciated stockwork quartz-calcite-malalchite-sulphide stringers; 1% chalcopyrite in large, rusty aggregates (90% oxidized)
8964	Grey and buff, medium grained (re-crystallized?), silficified, epidotic, chloritic, sericitic and malachitic mafic volcanics with 60% vuggy and rusty stockwork quartz-calcite-epidote-chlorite-malachite+/-sulphide stringers; 1% chalcocite?/chalcopyrite in large, rusty aggregates (50% oxidized)
8965	Dark grey, fine grained, massive, occasionally fractured, highly magnetic mafic volcanics containing 15% rounded and fractured megacrysts/xenoliths? of fine grained hornblende/pyroxene? Rimmed by and containing quartz-epidote+/-sulphides; 2% thin stockwork quartz-epidote+/-sulphide stringerrs; 0.1% pyrite
8966	Grey and buff, fine grainedm massive, silicified, epidotic, chloritic, sericitic mafic volcanics with 20% stockwork quartz-epidote-chlorite+/-sulphide stringers and rounded eyes; 0.05% rust-rimmed chalcopyrite aggregates mainly in some eyes
8967	Green and white and locally brown, medium grained (re-crystallized), pervasively silicified and epidotized mafic volcanics with 60% vuggy quartz-epidote-chlorite-calcite+/-actinolite? eyes and stockwork stringers

Rock Geochemistry		Method	WGHT	Au-TL44	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Analyte	Wgt	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Certificate #	Sample #	Unit	KG	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
VA10051390	8951		0.62	0.003	<0.01	0.03	3	<0.2	<10	<10	<0.05	0.01	>25.0	0.08	2.61	0.7	<1	<0.05
VA10051390	8952		0.92	0.005	0.1	2.49	23.6	<0.2	<10	60	0.25	0.02	1.89	0.17	6.81	7.8	6	0.37
VA10051390	8953		0.7	0.002	0.04	3.83	2.2	<0.2	<10	30	0.22	0.04	2.69	0.09	18	16.9	2	0.25
VA10051390	8954		1.44	0.001	0.26	3.19	1.2	<0.2	<10	110	0.16	<0.01	0.9	2.81	5.23	45.3	19	0.1
VA10051390	8955		1.18	0.01	7.24	0.95	1.2	<0.2	<10	<10	<0.05	0.07	1.22	2.12	1.72	8.7	26	<0.05
VA10054701	8956		0.76	0.011	3.1	0.84	1.4	<0.2	<10	<10	0.06	0.08	1.04	0.72	3.11	3.7	35	<0.05
VA10054701	8957		1.04	0.002	0.05	1.09	0.8	<0.2	<10	<10	<0.05	0.01	1.1	0.03	0.91	3.1	10	<0.05
VA10058116	8958		0.88	0.014	0.06	2.31	0.3	<0.2	<10	<10	0.09	0.01	1.34	0.14	9.59	27.6	18	<0.05
VA10058116	8959		0.84	0.007	0.04	1.48	0.6	<0.2	<10	10	0.24	0.04	2.46	0.1	10.8	6.1	38	0.07
VA10058116	8960		0.92	0.002	0.05	1.86	0.5	<0.2	<10	10	0.3	0.01	2.28	0.19	9.27	18.6	42	<0.05
VA10058116	8961		1.44	0.028	13.1	4.51	12.2	<0.2	<10	<10	<0.05	0.49	0.52	9.87	2.88	149	180	<0.05
VA10058116	8962		1.38	0.009	4.87	3.88	4.4	<0.2	<10	<10	0.05	0.1	0.78	2.28	4.02	56.1	164	<0.05
VA10058116	8963		0.8	0.007	3.26	2.58	15.1	<0.2	<10	<10	0.09	0.06	0.83	0.84	2.78	39.1	137	<0.05
VA10058116	8964		1	0.007	3.31	2.34	19.3	<0.2	<10	<10	0.09	0.09	0.91	1.13	3.13	35.1	101	<0.05
VA10058116	8965		1.7	0.001	0.08	4.01	0.4	<0.2	<10	60	0.17	0.02	2.37	0.06	14.05	27.1	16	0.36
VA10058116	8966		1.04	0.005	0.05	1.64	0.4	<0.2	<10	10	0.12	0.02	1.47	0.11	10.1	18.1	45	<0.05
VA10058116	8967		1.5	<0.001	0.04	0.83	0.3	<0.2	<10	<10	<0.05	0.01	0.98	0.05	0.99	3.1	13	<0.05

		ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S
Certificate #	Sample #	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
VA10051390	8951	1.7	0.09	0.14	<0.05	0.02	<0.01	<0.005	<0.01	1.5	0.2	0.06	212	0.4	0.01	0.23	0.7	90	0.3	0.2	<0.001	<0.01
VA10051390	8952	57.3	1.48	5.45	0.09	0.18	<0.01	<0.005	0.03	3.9	5.5	0.08	118	2.91	0.47	0.29	14.1	650	1.4	1.6	0.003	0.61
VA10051390	8953	52.1	5.16	11.85	0.2	0.62	<0.01	0.039	0.05	6.6	10.5	1.52	1060	1.59	0.27	0.21	2.9	860	1.9	1.9	0.002	0.09
VA10051390	8954	10000	5.68	8.17	0.13	0.24	<0.01	0.023	0.07	2	7.5	1.95	648	0.39	0.03	0.14	9.3	660	0.7	2.8	<0.001	0.4
VA10051390	8955	>10000	4.26	2.4	0.17	0.15	0.03	0.065	<0.01	0.6	3.2	0.59	322	1.74	0.02	0.33	15.3	170	1.9	0.1	<0.001	1.45
VA10054701	8956	5160	3.14	2.6	0.15	0.47	0.12	0.058	<0.01	0.9	0.6	0.16	122	0.44	0.01	1.17	22.8	190	0.6	0.1	0.004	0.45
VA10054701	8957	47.1	1.31	2.69	0.13	0.11	0.1	0.007	<0.01	0.4	1.8	0.21	156	0.11	0.01	0.31	5	50	0.3	<0.1	0.002	0.01
VA10058116	8958	313	3.77	7.28	0.16	0.92	<0.01	0.012	0.02	3.7	5	1.48	579	0.31	0.05	0.46	42.1	480	1.1	0.7	<0.001	0.01
VA10058116	8959	80.9	1.83	8.16	0.24	1.14	<0.01	0.022	0.01	3.8	0.4	0.16	740	0.6	0.02	1.15	8.5	550	3	0.6	<0.001	0.01
VA10058116	8960	198.5	2.49	6.05	0.21	0.94	<0.01	0.017	<0.01	3.4	0.8	0.69	368	0.32	0.02	0.86	20.2	440	1.2	0.2	<0.001	0.01
VA10058116	8961	>10000	12.25	9.92	0.41	0.41	0.08	0.538	<0.01	1	4.1	3.44	1160	0.36	0.02	0.34	76.3	310	5	0.1	<0.001	3.31
VA10058116	8962	>10000	7.78	9.49	0.29	0.5	0.02	0.233	<0.01	1.4	4.1	2.93	951	0.4	0.02	0.28	60.9	370	6.2	0.1	<0.001	0.65
VA10058116	8963	5960	5.29	5.27	0.15	0.49	0.01	0.209	<0.01	1	3.3	1.96	605	0.48	<0.01	0.28	54.6	350	2	0.1	<0.001	0.04
VA10058116	8964	7670	4.97	5.1	0.18	0.46	0.01	0.188	<0.01	1.2	3.1	1.69	527	0.78	<0.01	0.27	41.6	370	1.8	0.1	<0.001	0.03
VA10058116	8965	186.5	5.36	10.55	0.14	0.34	0.02	0.016	0.06	6.2	9.5	2.41	819	0.15	0.38	0.16	15.1	1280	1.5	1.8	<0.001	0.03
VA10058116	8966	161	2.46	5.89	0.12	0.92	<0.01	0.013	0.01	3.8	2.2	1.05	455	0.28	0.03	0.69	35.9	570	1.8	0.5	<0.001	<0.01
VA10058116	8967	67.5	0.91	2.81	0.1	0.11	<0.01	0.007	<0.01	0.4	0.6	0.14	112	0.18	<0.01	0.27	7.5	50	1.9	0.1	<0.001	<0.01

		ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46
		Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Cu
Certificate #	Sample #	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
VA10051390	8951	0.19	0.3	0.3	0.2	552	<0.01	0.03	0.4	<0.005	<0.02	0.69	3	<0.05	1.75	<2	0.6	
VA10051390	8952	0.21	1.7	7.7	0.2	417	<0.01	0.11	0.5	0.12	0.02	0.38	14	<0.05	9.83	21	5.1	
VA10051390	8953	0.08	18.1	0.8	0.5	117	0.01	<0.01	0.9	0.343	<0.02	0.46	146	0.1	20.9	77	15.4	
VA10051390	8954	<0.05	13.4	3	0.3	29.7	<0.01	0.01	0.3	0.231	0.02	0.11	134	<0.05	9.94	56	4.8	1.025
VA10051390	8955	0.05	3.3	22.1	<0.2	32.1	<0.01	0.01	<0.2	0.128	<0.02	<0.05	59	<0.05	2.79	36	3	3.12
VA10054701	8956	0.3	4.9	7.8	0.3	104.5	0.02	0.06	<0.2	0.369	0.03	0.09	71	<0.05	3.95	7	12.2	
VA10054701	8957	0.19	1.2	0.2	<0.2	61.2	0.01	0.01	<0.2	0.089	0.02	<0.05	29	<0.05	1.13	7	3.1	
VA10058116	8958	<0.05	5.7	0.5	0.5	40.1	0.01	0.01	0.3	0.547	<0.02	0.15	120	<0.05	9.91	59	28.6	
VA10058116	8959	0.12	8.5	0.7	0.7	137	0.01	0.01	0.5	0.702	<0.02	0.16	127	<0.05	10.65	15	46.5	
VA10058116	8960	0.06	8.6	0.6	0.5	103	0.01	0.01	0.4	0.694	<0.02	0.13	104	<0.05	9.17	25	33.6	
VA10058116	8961	0.07	7.9	32.1	0.3	20.8	0.01	0.34	<0.2	0.411	0.03	0.05	166	0.18	5.36	758	10.4	5.05
VA10058116	8962	0.05	11.5	11.2	0.3	35.8	0.01	0.09	<0.2	0.426	<0.02	0.05	152	<0.05	6.62	211	12.9	0.96
VA10058116	8963	0.12	8.3	2	0.3	26	<0.01	0.08	<0.2	0.398	<0.02	0.09	101	0.22	5.09	113	11.7	
VA10058116	8964	0.11	8.8	3.3	0.2	37.9	<0.01	0.08	<0.2	0.348	<0.02	0.07	101	0.15	5.47	86	11.1	
VA10058116	8965	<0.05	6.3	0.3	0.3	183.5	<0.01	0.01	0.5	0.335	<0.02	0.19	142	0.07	11.1	76	11.8	
VA10058116	8966	0.19	4.5	0.3	0.4	21.3	0.01	0.01	0.4	0.587	<0.02	0.12	95	0.1	10.8	41	25	
VA10058116	8967	<0.05	1.5	<0.2	<0.2	35.9	<0.01	0.01	<0.2	0.076	<0.02	<0.05	21	0.07	1.13	7	3.5	

2010 Rock Sample Geochemistry Highlights

Sample #	Easting	Northing	Elevation	Ag(ppm)	As(ppm)	Ba(ppm)	Ca (%)	Co(ppm)	Cu(ppm)	Fe (%)	Ga(ppm)	Hg(ppm)	Mo(ppm)	S (%)	Se(ppm)	Te(ppm)	Zn(ppm)
8951	290490	5570319	355	<0.01	3	<10	>25.0	0.7	1.7	0.09	0.14	<0.01	0.4	<0.01	0.3	0.03	<2
8952	290493	5570315	355	0.1	23.6	60	1.89	7.8	57.3	1.48	5.45	<0.01	2.91	0.61	7.7	0.11	21
8953	290495	5570315	355	0.04	2.2	30	2.69	16.9	52.1	5.16	11.85	<0.01	1.59	0.09	0.8	<0.01	77
8954	292932	5571983	534	0.26	1.2	110	0.9	45.3	10250	5.68	8.17	<0.01	0.39	0.4	3	0.01	56
8955	292580	5572292	543	7.24	1.2	<10	1.22	8.7	31200	4.26	2.4	0.03	1.74	1.45	22.1	0.01	36
8956	292467	5572402	513	3.1	1.4	<10	1.04	3.7	5160	3.14	2.6	0.12	0.44	0.45	7.8	0.06	7
8957	292463	5572648	400	0.05	0.8	<10	1.1	3.1	47.1	1.31	2.69	0.1	0.11	0.01	0.2	0.01	7
8958	292252	5572898	437	0.06	0.3	<10	1.34	27.6	313	3.77	7.28	<0.01	0.31	0.01	0.5	0.01	59
8959	292221	5573135	378	0.04	0.6	10	2.46	6.1	80.9	1.83	8.16	<0.01	0.6	0.01	0.7	0.01	15
8960	292647	5573194	318	0.05	0.5	10	2.28	18.6	198.5	2.49	6.05	<0.01	0.32	0.01	0.6	0.01	25
8961	293831	5571706	662	13.1	12.2	<10	0.52	149	50500	12.25	9.92	0.08	0.36	3.31	32.1	0.34	758
8962	293831	5571705	662	4.87	4.4	<10	0.78	56.1	9600	7.78	9.49	0.02	0.4	0.65	11.2	0.09	211
8963	293844	5571707	650	3.26	15.1	<10	0.83	39.1	5960	5.29	5.27	0.01	0.48	0.04	2	0.08	113
8964	293844	5571708	650	3.31	19.3	<10	0.91	35.1	7670	4.97	5.1	0.01	0.78	0.03	3.3	0.08	86
8965	294173	5571669	647	0.08	0.4	60	2.37	27.1	186.5	5.36	10.55	0.02	0.15	0.03	0.3	0.01	76
8966	294247	5571688	645	0.05	0.4	10	1.47	18.1	161	2.46	5.89	<0.01	0.28	<0.01	0.3	0.01	41
8967	294223	5571583	654	0.04	0.3	<10	0.98	3.1	67.5	0.91	2.81	<0.01	0.18	<0.01	<0.2	0.01	7

Appendix 2

2010 Soil Sample Locations, Descriptions and Geochemistry

2010 Soil Sample Locations for Tower Project

Sample #	Date	Sampler	Property	Location	Sample Depth	Soil Horizon	Soil Colour	Partical Size	% Organics	Gradient (degrees)	Ground Cover	Cultural Impacts	UTM Zone	Easting	Northing	Elevation
11601	22-Apr-10	Ahoule	Tower	Tower Grid 262	0.3	B	Orange Brown	Silt	10	35	Clear cut	Logging	10N	292949	5571944	545
11602	22-Apr-10	Ahoule	Tower	Tower Grid 263	0.5	B	Orange Brown	Silt	10	40	Clear cut	Logging	10N	292908	5571970	537
11603	22-Apr-10	Ahoule	Tower	Tower Grid 264	0.5	B	Orange Brown	Silt	10	40	Clear cut	Logging	10N	292856	5571975	537
11604	22-Apr-10	Ahoule	Tower	Tower Grid 265	0.5	B	Orange Brown	Silt	10	30	Clear cut	Logging	10N	292807	5572001	540
11605	22-Apr-10	Ahoule	Tower	Tower Grid 266	0.3	B	Orange Brown	Silt	10	50	Saplings	Logging	10N	292766	5572004	550
11606	22-Apr-10	Ahoule	Tower	Tower Grid 267	0.1	B	Orange Brown	Silt	10	20	Saplings	Logging	10N	292718	5572005	562
11607	22-Apr-10	Ahoule	Tower	Tower Grid 268	0	B	Light Brown	Silt	20	30	Saplings	Logging	10N	292669	5572045	565
11608	22-Apr-10	Ahoule	Tower	Tower Grid 269	0.2	B	Orange Brown	Silt	20	35	Saplings	Logging	10N	292619	5572059	569
11609	22-Apr-10	Ahoule	Tower	Tower Grid 270	0.2	B	Orange Brown	Silt	10	40	Saplings	Logging	10N	292573	5572078	566
11610	22-Apr-10	Ahoule	Tower	Tower Grid 271	0	B	Orange Brown	Silt	20	20	Saplings	Logging	10N	292517	5572109	558
11611	22-Apr-10	Ahoule	Tower	Tower Grid 272	0.3	B	Orange Brown	Silt	10	45	Saplings	Logging	10N	292487	5572122	576
11612	22-Apr-10	Ahoule	Tower	Tower Grid 273	0.2	B	Orange Brown	Silt	10	45	Saplings	Logging	10N	292420	5572113	569
11613	22-Apr-10	Ahoule	Tower	Tower Grid 274	0.2	B	Orange Brown	Silt	40	40	Saplings	Logging	10N	292365	5572125	564
11614	23-Apr-10	Ahoule	Tower	Tower Grid 299	0.2	B	Orange Brown	Silt	20	25	2nd	Logging	10N	292932	5572072	513
11615	23-Apr-10	Ahoule	Tower	Tower Grid 301	0	B	Orange Brown	Silt	10	10	Old Growth	Near Road	10N	292820	5572077	524
11616	23-Apr-10	Ahoule	Tower	Tower Grid 302	0.3	B	Orange Brown	Silt	20	0	2nd		10N	292793	5572154	513
11617	23-Apr-10	Ahoule	Tower	Tower Grid 303	0	B	Orange Brown	Silt	15	10	2nd		10N	292772	5572156	522
11618	23-Apr-10	Ahoule	Tower	Tower Grid 304	0.4	B	Orange Brown	Silt	20	20	Saplings	Logging	10N	292724	5572158	536
11619	23-Apr-10	Ahoule	Tower	Tower Grid 307	0.3	B	Orange Brown	Silt	20	25	Saplings	Logging	10N	292561	5572193	548
11620	23-Apr-10	Ahoule	Tower	Tower Grid 308	0.3	B	Orange Brown	Silt	10	10	Small Trees	Logging	10N	292518	5572217	544
11621	23-Apr-10	Ahoule	Tower	Tower Grid 309	0	B	Orange Brown	Silt	10	35	Small Trees	Logging	10N	292488	5572232	536
11651	23-Apr-10	J. Houle	Tower	Tower Grid 261	0.05	B	Orange Brown	Silt-sand	10	5	Old 2nd growth	Logging	10N	293001	5572175	491
11652	23-Apr-10	J. Houle	Tower	Tower Grid 260	0.15	90% B + 10% A	Brown	Silt-sand	20	20	Old 2nd growth	Logging	10N	292963	5572151	489
11653	23-Apr-10	J. Houle	Tower	Tower Grid 259	0.1	B	Orange Brown	Silt-sand	5	15	Old 2nd growth	Logging	10N	292913	5572186	488
11654	23-Apr-10	J. Houle	Tower	Tower Grid 258	0.2	50% B + 50% A	Dark Brown	Silt	40	10	Old 2nd growth	Logging	10N	292859	5572214	479
11655	23-Apr-10	J. Houle	Tower	Tower Grid 257	0.1	B	Orange Brown	Silt-sand	5	25	Old 2nd growth	Logging	10N	292809	5572209	505
11656	23-Apr-10	J. Houle	Tower	Tower Grid 255	0.15	B	Yellow Brown	Clay-silt	5	0	Clear cut	Logging	10N	292720	5572246	554
11657	23-Apr-10	J. Houle	Tower	Tower Grid 254	0	B	Yellow Brown	Silt-sand	5	0	Clear cut / 2nd Gr.	Logging	10N	292667	5572268	543
11658	23-Apr-10	J. Houle	Tower	Tower Grid 253	0.1	B	Orange Brown	Silt-sand	10	15	Clearcut / saplings	Logging	10N	292622	5572272	537
11659	23-Apr-10	J. Houle	Tower	Tower Grid 252	0.1	90%B + 10%A	Orange Brown	Silt-sand	10	25	Clearcut / saplings	Logging	10N	292577	5572287	533
11660	23-Apr-10	J. Houle	Tower	Tower Grid 251	0.05	B	Orange Brown	Silt-sand-cobble	10	0	Clearcut	Logging	10N	292528	5572299	536
11661	23-Apr-10	J. Houle	Tower	Tower Grid 250	0.1	B	Orange Brown	Silt-sand	5	15	Clearcut	Logging	10N	292481	5572310	536
11622	26-Apr-10	Ahoule	Tower	Tower Grid 275	0.3	B	Orange Brown	Silt	20	40	Saplings	Logging	10N	292325	5572134	563
11623	26-Apr-10	Ahoule	Tower	Tower Grid 276	0.4	B	Dark Red Brow	Silt	5	45	Saplings	Logging	10N	292288	5572157	553
11624	26-Apr-10	Ahoule	Tower	Tower Grid 277	0.2	B	Orange Brown	Silt	20	40	Saplings	Logging	10N	292247	5572168	556
11625	26-Apr-10	Ahoule	Tower	Tower Grid 278	0.4	B	Orange Brown	Silt	10	35	Clear Cut	Logging	10N	292183	5572176	555
11626	26-Apr-10	Ahoule	Tower	Tower Grid 279	0.2	B	Orange Brown	Silt	10	10	Saplings	Logging	10N	292143	5572217	552
11627	26-Apr-10	Ahoule	Tower	Tower Grid 280	0.2	B	Orange Brown	Silt	10	40	Saplings	Logging	10N	292085	5572202	558
11628	26-Apr-10	Ahoule	Tower	Tower Grid 281	0.3	B	Orange Brown	Silt Clay	15	45	Saplings	Logging	10N	292038	5572222	558
11629	26-Apr-10	Ahoule	Tower	Tower Grid 282	0.2	B	Orange Brown	Silt	10	30	Saplings	Logging	10N	292007	5572236	555
11630	26-Apr-10	Ahoule	Tower	Tower Grid 283	0.2	B	Orange Brown	Silt	25	0	Saplings	Logging	10N	291953	5572257	557
11631	26-Apr-10	Ahoule	Tower	Tower Grid 284	0.1	B	Orange Brown	Silt	10	20	Saplings	Logging	10N	291915	5572284	555
11632	26-Apr-10	Ahoule	Tower	Tower Grid 285	0.3	B	Orange Brown	Silt	20	20	Small Trees	Logging	10N	291880	5572301	548
11633	27-Apr-10	Ahoule	Tower	Tower Grid 310	0.1	B	Orange Brown	Silt	10	25	Saplings	Logging	10N	292411	5572242	538
11634	27-Apr-10	Ahoule	Tower	Tower Grid 311	0.2	B	Orange Brown	Silt	10	20	Saplings	Logging	10N	292358	5572243	539
11635	27-Apr-10	Ahoule	Tower	Tower Grid 312	0.2	B	Orange Brown	Silt	10	10	Saplings	Logging	10N	292323	5572256	533
11636	27-Apr-10	Ahoule	Tower	Tower Grid 313	0.1	B	Light Brown	Silt	10	40	Saplings	Logging	10N	292268	5572293	537
11637	27-Apr-10	Ahoule	Tower	Tower Grid 314	0.4	B	Light Orange B	Silt	10	20	Saplings	Logging	10N	292217	5572296	542
11638	27-Apr-10	Ahoule	Tower	Tower Grid 315	0.2	B	Orange Brown	Silt	10	35	Saplings	Logging	10N	292178	5572329	541
11639	27-Apr-10	Ahoule	Tower	Tower Grid 316	0.3	B	Orange Brown	Silt Clay	10	10	Saplings	Logging	10N	292140	5572332	574
11640	27-Apr-10	Ahoule	Tower	Tower Grid 317	0.3	B	Light Orange B	Silt	10	10	Saplings	Logging	10N	292086	5572331	562
11641	27-Apr-10	Ahoule	Tower	Tower Grid 318	0	B	Orange Brown	Silt	5	30	Saplings	Logging	10N	292037	5572345	536
11642	27-Apr-10	Ahoule	Tower	Tower Grid 319	0.4	B	Orange Brown	Silt	5	50	2nd	Logging	10N	291987	5572373	?
11643	27-Apr-10	Ahoule	Tower	Tower Grid 320	0.4	B	Orange Brown	Silt	10	50	2nd	Logging	10N	291888	5572362	613
11644	27-Apr-10	Ahoule	Tower	Tower Grid 322	0.3	B	Orange Brown	Silt	10	20	2nd	Logging	10N	291969	5572624	478
11645	27-Apr-10	Ahoule	Tower	Tower Grid 323	0.4	C	Grey	Sand Silt	20	45	Saplings	Logging	10N	292007	5572611	507
11646	27-Apr-10	Ahoule	Tower	Tower Grid 324	0	B	Orange Brown	Silt	5	20	2nd	Logging	10N	292049	5572572	657
11647	28-Apr-10	Ahoule	Tower	Tower Grid 334	0.3	B	Orange Brown	Silt	10	40	2nd	Logging	10N	292531	5572430	469
11648	28-Apr-10	Ahoule	Tower	Tower Grid 335	0.4	B	Orange Brown	Silt	10	40	2nd	Logging	10N	292575	5572409	483
11649	28-Apr-10	Ahoule	Tower	Tower Grid 336	0.2	B	Orange Brown	Silt	10	20	2nd	Logging	10N	292644	5572389	504
11650	28-Apr-10	Ahoule	Tower	Tower Grid 337	0.1	B	Brown	Silt	15	40	2nd	Logging	10N	292671	5572431	451
11662	26-Apr-10	J. Houle	Tower	Tower Grid 321	0.2	B	Orange Brown	Silt-sand	10	10	Old 2nd growth	Logging	10N	291879	5572377	542
11663	26-Apr-10	J. Houle	Tower	Tower Grid 238	0.1	80%B + 20%A	Dark Brown	Silt-sand	20	20	Old 2nd growth	Logging	10N	291928	5572496	516
11664	26-Apr-10	J. Houle	Tower	Tower Grid 236	0.1	B	Orange Brown	Silt-sand	5	15	Old 2nd growth	Logging	10N	291823	5572493	516

2010 Soil Sample Locations for Tower Project

Sample #	Date	Sampler	Property	Location	Sample Depth	Soil Horizon	Soil Colour	Partical Size	% Organics	Gradient (degrees)	Ground Cover	Cultural Impacts	UTM Zone	Easting	Northing	Elevation
11665	26-Apr-10	J. Houle	Tower	Tower Grid 234	0.05	B	Orange Brown	Silt-sand	10	15	Old 2nd growth	Logging	10N	291722	5572572	533
11666	26-Apr-10	J. Houle	Tower	Tower Grid 232	0.1	B	Orange Brown	Silt-sand	5	10	Old 2nd growth	Logging	10N	291632	5572590	517
11667	26-Apr-10	J. Houle	Tower	Tower Grid 291	0.25	B	Orange Brown	Silt-sand	15	10	Clearcut	Logging	10N	291583	5572367	561
11668	26-Apr-10	J. Houle	Tower	Tower Grid 289	0.15	B	Orange Brown	Silt-sand-cobble	10	0	Clearcut	Logging	10N	291668	5572360	574
11669	26-Apr-10	J. Houle	Tower	Tower Grid 287	0.05	B	Orange Brown	Silt-sand-cobble	0	5	Clearcut	Logging	10N	291760	5572336	570
11670	27-Apr-10	J. Houle	Tower	Tower Grid 239	0.1	B	Orange Brown	Silt-sand	10	15	Old 2nd growth	Logging	10N	291957	5572481	564
11671	27-Apr-10	J. Houle	Tower	Tower Grid 240	0.2	B	Orange Brown	Silt-sand	5	10	Old 2nd growth	Logging	10N	292016	5572463	555
11672	27-Apr-10	J. Houle	Tower	Tower Grid 241	0.2	B	Orange Brown	Silt-sand	5	10	Old 2nd growth	Logging	10N	292077	5572447	554
11673	27-Apr-10	J. Houle	Tower	Tower Grid 242	0.3	B	Orange Brown	Silt-sand	5	10	Saplings	Logging	10N	292096	5572438	557
11674	27-Apr-10	J. Houle	Tower	Tower Grid 243	0.15	60%B + 40%A	Brown	Silt-sand	20	0	Saplings	Logging	10N	292143	5572416	546
11675	27-Apr-10	J. Houle	Tower	Tower Grid 244	0.15	B	Orange Brown	Silt-sand	5	5	Saplings	Logging	10N	292198	5572403	550
11676	27-Apr-10	J. Houle	Tower	Tower Grid 245	0.15	B	Yellow Brown	Silt-sand	5	5	Saplings	Logging	10N	292236	5572409	528
11677	27-Apr-10	J. Houle	Tower	Tower Grid 246	0.2	B	Yellow Brown	Silt-sand	5	5	Saplings	Logging	10N	292292	5572385	525
11678	27-Apr-10	J. Houle	Tower	Tower Grid 247	0.15	B	Orange Brown	Silt-sand	10	30	Saplings	Logging	10N	292341	5572350	531
11679	27-Apr-10	J. Houle	Tower	Tower Grid 248	0.05	B	Orange Brown	Silt-sand-cobble	15	15	Saplings	Logging	10N	292410	5572344	524
11680	27-Apr-10	J. Houle	Tower	Tower Grid 249	0.15	B	Orange Brown	Silt-sand-cobble	10	5	Saplings	Logging	10N	292477	5572335	469
11681	27-Apr-10	J. Houle	Tower	Tower Grid 333	0.15	B	Orange Brown	Silt-sand	5	25	Old 2nd growth	Logging	10N	292467	5572448	482
11682	27-Apr-10	J. Houle	Tower	Tower Grid 332	0.1	B	Yellow Brown	Silt-sand	5	25	Old 2nd growth	Logging	10N	292433	5572460	478
11683	27-Apr-10	J. Houle	Tower	Tower Grid 331	0.05	B	Orange Brown	Silt-sand	10	30	Old 2nd growth	Logging	10N	292386	5572480	503
11684	27-Apr-10	J. Houle	Tower	Tower Grid 330	0.05	B	Orange Brown	Silt-sand	5	20	Old 2nd growth	Logging	10N	292281	5572567	445
11685	27-Apr-10	J. Houle	Tower	Tower Grid 329	0.2	B	Orange Brown	Silt-sand	5	25	Old 2nd growth	Logging	10N	292274	5572526	505
11686	27-Apr-10	J. Houle	Tower	Tower Grid 328	0.15	B	Orange Brown	Silt-sand	5	20	Old 2nd growth	Logging	10N	292226	5572522	520
11687	28-Apr-10	J. Houle	Tower	Tower Grid 327	0.5	B	Orange Brown	Silt-sand	10	30	Old 2nd growth	Logging	10N	292175	5572525	437
11688	28-Apr-10	J. Houle	Tower	Tower Grid 326	0.05	B	Orange Brown	Silt-sand	5	30	Old 2nd growth	Logging	10N	292149	5572568	441
11689	28-Apr-10	J. Houle	Tower	Tower Grid 325	0.1	80%B + 20%A	Brown-Black	Silt-sand	15	30	Old 2nd growth	Logging	10N	292106	5572570	441
11690	28-Apr-10	J. Houle	Tower	Tower Grid 213	0.2	B	Yellow Brown	Silt-sand	10	20	Old 2nd growth	Logging	10N	291996	5572726	440
11691	28-Apr-10	J. Houle	Tower	Tower Grid 212	0.15	B	Orange Brown	Silt-sand	10	25	Old 2nd growth	Logging	10N	292045	5572740	442
11692	28-Apr-10	J. Houle	Tower	Tower Grid 211	0.05	B	Orange Brown	Silt-sand-cobble	5	25	Old 2nd growth	Logging	10N	292090	5572715	444
11693	28-Apr-10	J. Houle	Tower	Tower Grid 210	0.25	B	Orange Brown	Silt-sand	5	20	Old 2nd growth	Logging	10N	292138	5572696	443
11694	28-Apr-10	J. Houle	Tower	Tower Grid 209	0.15	B	Orange Brown	Silt-sand-cobble	5	25	Old 2nd growth	Logging	10N	292185	5572669	450
11695	28-Apr-10	J. Houle	Tower	Tower Grid 208	0.2	B	Orange Brown	Silt-sand-cobble	5	20	Old 2nd growth	Logging	10N	292225	5572645	457
11696	28-Apr-10	J. Houle	Tower	Tower Grid 207	0.1	B	Orange Brown	Silt-sand	5	25	Old 2nd growth	Logging	10N	292275	5572632	459
11697	28-Apr-10	J. Houle	Tower	Tower Grid 206	0.2	B	Orange Brown	Silt-sand	2	25	Old 2nd growth	Logging	10N	292327	5572627	452
11698	28-Apr-10	J. Houle	Tower	Tower Grid 205	0.25	B	Orange Brown	Silt-sand	10	25	Old 2nd growth	Logging	10N	292392	5572618	433
11699	29-Apr-10	J. Houle	Tower	Tower Grid 363	0.1	B	Orange Brown	Silt-sand-cobble	0	15	Old 2nd growth	Logging	10N	292823	5572593	382
11700	29-Apr-10	J. Houle	Tower	Tower Grid 362	0.15	B	Orange Brown	Silt-sand-cobble	2	17	Old 2nd growth	Logging	10N	292788	5572608	391
11701	28-Apr-10	Ahoule	Tower	Tower Grid 338	0.1	B	Light Brown	Silt	10	60	2nd	Logging	10N	292720	5572394	495
11702	28-Apr-10	Ahoule	Tower	Tower Grid 339	0.1	B	Orange Brown	Silt	10	20	2nd	Logging	10N	292768	5572330	510
11703	28-Apr-10	Ahoule	Tower	Tower Grid 340	0	B	Orange Brown	Silt	20	10	2nd	Logging	10N	292806	5572383	475
11704	28-Apr-10	Ahoule	Tower	Tower Grid 341	0	B	Orange Brown	Silt	10	15	2nd	Logging	10N	292860	5572338	472
11705	28-Apr-10	Ahoule	Tower	Tower Grid 342	0.1	B	Orange Brown	Silt	10	40	2nd	Logging	10N	292895	5572297	436
11706	29-Apr-10	Ahoule	Tower	Tower Grid 343	0.3	B	Orange Brown	Silt	10	30	2nd	Logging	10N	292974	5572306	462
11707	29-Apr-10	Ahoule	Tower	Tower Grid 344	0.2	B	Orange Brown	Silt	15	35	2nd	Logging	10N	293003	5572271	468
11708	29-Apr-10	Ahoule	Tower	Tower Grid 345	0	B	Orange Brown	Silt	10	35	2nd	Logging	10N	293044	5572274	444
11709	29-Apr-10	Ahoule	Tower	Tower Grid 190	0.3	B	Orange Brown	Silt Clay	20	35	2nd	Logging	10N	293075	5572390	418
11710	29-Apr-10	Ahoule	Tower	Tower Grid 191	0.1	B	Orange Brown	Silt Sand	15	35	2nd	Logging	10N	293023	5572402	427
11711	29-Apr-10	Ahoule	Tower	Tower Grid 192	0	B	Orange Brown	Silt	15	30	2nd	Logging	10N	292984	5572411	425
11712	29-Apr-10	Ahoule	Tower	Tower Grid 193	0.1	B	Orange Brown	Silt	10	10	2nd	Logging	10N	292929	5572431	413
11713	30-Apr-10	Ahoule	Tower	Tower Grid 364	0.1	B	Light brown	Silt Sand	10	20	2nd	Logging	10N	292880	5572575	382
11714	30-Apr-10	Ahoule	Tower	Tower Grid 365	0.3	B	Orange Brown	Silt	15	30	2nd	Logging	10N	292956	5572538	390
11715	30-Apr-10	Ahoule	Tower	Tower Grid 366	0.1	B	Orange Brown	Silt	15	40	2nd	Logging	10N	293009	5572507	390
11716	30-Apr-10	Ahoule	Tower	Tower Grid 368	0.1	B	Orange Brown	Silt	10	30	2nd	Logging	10N	293059	5572539	390
11717	30-Apr-10	Ahoule	Tower	Tower Grid 369	0.2	B	Orange Brown	Silt	15	45	2nd	Logging	10N	293115	5572494	425
11718	30-Apr-10	Ahoule	Tower	Tower Grid 189	0.3	B	Orange Brown	Silt	20	45	2nd	Logging	10N	293135	5572676	388
11719	30-Apr-10	Ahoule	Tower	Tower Grid 188	0.3	B	Orange Brown	Silt	10	40	2nd	Logging	10N	293079	5572636	
11801	29-Apr-10	J. Houle	Tower	Tower Grid 361	0.1	B	Orange Brown	Silt-sand-cobble	2	12	Old 2nd growth	Logging	10N	292730	5572630	383
11802	29-Apr-10	J. Houle	Tower	Tower Grid 360	0.05	B	Orange Brown	Silt-sand-cobble	2	8	Old 2nd growth	Logging	10N	292676	5572650	383
11803	29-Apr-10	J. Houle	Tower	Tower Grid 359	0.2	B	Orange Brown	Silt-sand-cobble	5	10	Old 2nd growth	Logging	10N	292635	5572656	389
11804	29-Apr-10	J. Houle	Tower	Tower Grid 358	0.2	B+C	Orange Brown	Silt-sand-cobble	0	10	Old 2nd growth	Logging	10N	292573	5572646	388
11805	29-Apr-10	J. Houle	Tower	Tower Grid 357	0.05	B	Orange Brown	Silt-sand	2	12	Old 2nd growth	Logging	10N	292534	5572680	388
11806	29-Apr-10	J. Houle	Tower	Tower Grid 356	0.2	80%B + 20%A	Orange Brown	Silt-sand-cobble	15	15	Old 2nd growth	Logging	10N	292493	5572701	379
11807	29-Apr-10	J. Houle	Tower	Tower Grid 204	0.25	B	Orange Brown	Silt-sand	2	15	Old 2nd growth	Logging	10N	292444	5572587	424
11808	29-Apr-10	J. Houle	Tower	Tower Grid 203	0.05	B	Orange Brown	Silt-sand	10	20	Old 2nd growth	Logging	10N	292465	5572577	432
11809	29-Apr-10	J. Houle	Tower	Tower Grid 202	0.15	B	Orange Brown	Silt-sand-cobble	10	20	Old 2nd growth	Logging	10N	292519	5572559	441

2010 Soil Sample Locations for Tower Project

Sample #	Date	Sampler	Property	Location	Sample Depth	Soil Horizon	Soil Colour	Partical Size	% Organics	Gradient (degrees)	Ground Cover	Cultural Impacts	UTM Zone	Easting	Northing	Elevation
11810	29-Apr-10	J. Houle	Tower	Tower Grid 201	0.25	80%B + 20%A	Brown	Silt-sand	15	25	Old 2nd growth	Logging	10N	292568	5572536	444
11811	29-Apr-10	J. Houle	Tower	Tower Grid 200	0.2	75%B + 25%A	Brown	Silt-sand	15	20	Old 2nd growth	Logging	10N	292623	5572536	424
11812	29-Apr-10	J. Houle	Tower	Tower Grid 199	0.1	85%B + 15%A	Orange Brown	Silt-sand-cobble	15	25	Old 2nd growth	Logging	10N	292666	5572505	435
11813	29-Apr-10	J. Houle	Tower	Tower Grid 198	0.2	B	Orange Brown	Silt-sand-cobble	5	25	Old 2nd growth	Logging	10N	292714	5572514	436
11814	29-Apr-10	J. Houle	Tower	Tower Grid 197	0.15	B	Orange Brown	Silt-sand-cobble	0	20	Old 2nd growth	Logging	10N	292759	5572475	436
11815	29-Apr-10	Ahoule	Tower	Tower Grid 196	0.15	B	Orange Brown	Silt-sand-cobble	10	25	Old 2nd growth	Logging	10N	292820	5572467	434
11816	29-Apr-10	Ahoule	Tower	Tower Grid 195	0.3	B	Orange Brown	Silt-sand-cobble	10	35	Old 2nd growth	Logging	10N	292884	5572446	417
11817	30-Apr-10	J. Houle	Tower	Tower Grid 177	0.2	75%B + 25%A	Brown	Silt-sand-cobble	20	10	Old 2nd growth	Logging	10N	292574	5572788	375
11818	30-Apr-10	J. Houle	Tower	Tower Grid 178	0.1	B	Brown	Silt-sand-cobble	15	10	Old 2nd growth	Logging	10N	292649	5572784	377
11819	30-Apr-10	J. Houle	Tower	Tower Grid 179	0.2	B	Red-brown	Silt-sand-cobble	5	10	Old 2nd growth	Logging	10N	292682	5572777	368
11820	30-Apr-10	J. Houle	Tower	Tower Grid 180	0.15	B	Red-brown	Silt-sand	5	12	Old 2nd growth	Logging	10N	292754	5572735	371
11821	30-Apr-10	J. Houle	Tower	Tower Grid 181	0.1	B	Orange Brown	Silt-sand	2	10	Old 2nd growth	Logging	10N	292788	5572757	373
11822	30-Apr-10	J. Houle	Tower	Tower Grd 182	0.1	B	Orange Brown	Silt-sand	2	10	Old 2nd growth	Logging	10N	292806	5572700	374
11823	30-Apr-10	J. Houle	Tower	Tower Grid 183	0.15	B	Orange Brown	Silt-sand	2	10	Old 2nd growth	Logging	10N	292876	5572705	359
11824	30-Apr-10	J. Houle	Tower	Tower Grid 184	0.15	75%B + 25%A	Brown	Silt-sand-cobble	15	20	Old 2nd growth	Logging	10N	292907	5572686	357
11825	30-Apr-10	J. Houle	Tower	Tower Grid 185	0.15	B	Orange Brown	Silt-sand-cobble	2	10	Old 2nd growth	Logging	10N	292955	5572663	358
11826	30-Apr-10	J. Houle	Tower	Tower Grid 186	0.2	B	Orange Brown	Silt-sand	5	25	Old 2nd growth	Logging	10N	293015	5572671	360
11720	03-May-10	Ahoule	Tower	Tower Grid 122	0	B	Orange Brown	Silt-sand	5	25	2nd	Logging	10N	293103	5572851	301
11721	03-May-10	Ahoule	Tower	Tower Grid 121	0.2	B	Orange Brown	Silt-clay	5	30	2nd	Logging	10N	293147	5572892	300
11722	03-May-10	Ahoule	Tower	Tower Grid 120	0.1	B	Orange Brown	Silt-clay	20	30	2nd	Logging	10N	293188	5572847	313
11723	03-May-10	Ahoule	Tower	Tower Grid 119	0	B	Orange Brown	Silt	25	40	2nd	Logging	10N	293234	5572837	327
11724	03-May-10	Ahoule	Tower	Tower Grid 295A	0.1	B	Orange Brown	Silt	20	35	2nd	Logging	10N	293194	5572719	358
11725	03-May-10	Ahoule	Tower	Tower Grid 296A	0.1	B	Orange Brown	Silt-sand	10	35	2nd	Logging	10N	293154	5572740	350
11726	03-May-10	Ahoule	Tower	Tower Grid 297A	0.7	B	Orange Brown	Silt-sand	5	25	2nd	Logging	10N	293105	5572736	337
11727	03-May-10	Ahoule	Tower	Tower Grid 298A	0.3	B	Orange Brown	Silt-sand	10	35	2nd	Logging	10N	293054	5572748	325
11728	03-May-10	Ahoule	Tower	Tower Grid 299A	0.1	B	Orange Brown	Silt-sand	30	50	2nd	Logging	10N	292988	5572765	315
11729	04-May-10	Ahoule	Tower	Tower Grid 319A	0.1	B	Orange Brown	Silt	10	35	2nd	Logging	10N	292049	5573077	376
11730	04-May-10	Ahoule	Tower	Tower Grid 318A	0.3	B	Orange Brown	Silt-sand	10	40	2nd	Logging	10N	292093	5573069	393
11731	04-May-10	Ahoule	Tower	Tower Grid 317A	0.5	B	Orange Brown	Silt-sand	10	10	2nd	Logging	10N	292143	5573053	411
11732	04-May-10	Ahoule	Tower	Tower Grid 316A	0.1	B	Orange Brown	Silt-sand	5	25	2nd	Logging	10N	292186	5573055	419
11733	04-May-10	Ahoule	Tower	Tower Grid 315A	0.4	B	Orange Brown	Silt-sand	10	20	2nd	Logging	10N	292230	5573006	417
11734	04-May-10	Ahoule	Tower	Tower Grid 314A	0.3	B	Orange Brown	Silt	10	35	2nd	Logging	10N	292271	5572983	413
11735	04-May-10	Ahoule	Tower	Tower Grid 313A	0.2	B	Orange Brown	Silt-sand	10	30	2nd	Logging	10N	292327	5572980	397
11736	04-May-10	Ahoule	Tower	Tower Grid 312A	0	B	Orange Brown	Silt-clay	15	25	2nd	Logging	10N	292372	5572957	390
11737	04-May-10	Ahoule	Tower	Tower Grid 311A	0.3	B	Orange Brown	Silt-sand	10	30	2nd	Logging	10N	292417	5572947	379
11738	04-May-10	Ahoule	Tower	Tower Grid 310A	0.3	B	Orange Brown	Silt-clay	20	30	2nd	Logging	10N	292472	5572954	367
11739	04-May-10	Ahoule	Tower	Tower Grid 309A	0.2	B	Orange Brown	Silt-sand	10	35	2nd	Logging	10N	292523	5572925	364
11740	04-May-10	Ahoule	Tower	Tower Grid 308A	0.1	B	Orange Brown	Silt-sand	10	25	2nd	Logging	10N	292574	5572915	352
11741	04-May-10	Ahoule	Tower	Tower Grid 307A	0.5	B	Orange Brown	Silt-sand	15	10	2nd	Logging	10N	292633	5572906	355
11742	04-May-10	Ahoule	Tower	Tower Grid 306A	0	B	Orange Brown	Silt-sand	15	25	2nd	Logging	10N	292670	5572884	355
11743	04-May-10	Ahoule	Tower	Tower Grid 305A	0.3	B	Orange Brown	Silt-sand	15	15	2nd	Logging	10N	292720	5572867	353
11744	04-May-10	Ahoule	Tower	Tower Grid 304A	0.3	B	Orange Brown	Silt-sand	10	30	2nd	Logging	10N	292762	5572864	352
11745	05-May-10	Ahoule	Tower	Tower Grid 303	0.4	B	Orange Brown	Silt-clay	10	25	2nd	Logging	10N	292809	5572837	338
11746	05-May-10	Ahoule	Tower	Tower Grid 302	0.4	B	Orange Brown	Silt-sand	25	25	2nd	Logging	10N	292846	5572815	340
11747	05-May-10	Ahoule	Tower	Tower Grid 301	0	B	Orange Brown	Silt	10	15	2nd	Logging	10N	292893	5572810	342
11748	05-May-10	Ahoule	Tower	Tower Grid 300	0	B	Orange Brown	Silt	5	50	2nd	Logging	10N	292945	5572786	339
11749	05-May-10	Ahoule	Tower	Tower Grid 344A	0.5	B	Orange Brown	Silt-sand	10	40	Saplings	Logging	10N	293285	5572937	332
11750	05-May-10	Ahoule	Tower	Tower Grid 343A	0.4	B	Orange Brown	Silt	10	40	Saplings	Logging	10N	293253	5572948	302
11827	03-May-10	J. Houle	Tower	Tower Grid 176	0.2	B	Orange Brown	Silt-sand	2	20	Old 2nd growth	Logging	10N	292548	5572825	352
11828	03-May-10	J. Houle	Tower	Tower Grid 175	0.1	B	Orange Brown	Silt-sand-cobble	5	15	Old 2nd growth	Logging	10N	292480	5572815	374
11829	03-May-10	J. Houle	Tower	Tower Grid 174	0.2	80%B + 20%A	Brown	Silt-sand-cobble	10	10	Old 2nd growth	Logging	10N	292432	5572835	382
11830	03-May-10	J. Houle	Tower	Tower Grid 173	0.2	75%B + 25%A	Brown	Silt-sand-cobble	10	5	Old 2nd growth	Logging	10N	292381	5572858	387
11831	03-May-10	J. Houle	Tower	Tower Grid 172	0.1	B	Orange Brown	Silt-sand-cobble	5	10	Old 2nd growth	Logging	10N	292333	5572884	401
11832	03-May-10	J. Houle	Tower	Tower Grid 171	0.1	B	Orange Brown	Silt-sand	5	0	Old 2nd growth	Logging	10N	292295	5572898	420
11833	03-May-10	J. Houle	Tower	Tower Grid 170	0.05	B	Orange Brown	Silt-sand-cobble	5	15	Old 2nd growth	Logging	10N	292258	5572898	434
11834	03-May-10	J. Houle	Tower	Tower Grid 169	0.15	B	Orange Brown	Silt-sand-cobble	10	7	Old 2nd growth	Logging	10N	292193	5572896	434
11835	03-May-10	J. Houle	Tower	Tower Grid 168	0.05	B	Orange Brown	Silt-sand	5	5	Old 2nd growth	Logging	10N	292154	5572930	
11836	03-May-10	J. Houle	Tower	Tower Grid 167	0.2	B	Yellow Brown	Silt-sand	5	15	Old 2nd growth	Logging	10N	292108	5572938	416
11837	03-May-10	J. Houle	Tower	Tower Grid 166	0.15	B	Yellow Brown	Silt-sand	5	3	Old 2nd growth	Logging	10N	292060	5572961	409
11838	03-May-10	J. Houle	Tower	Tower Grid 164	0.1	B	Orange Brown	Silt-sand	5	10	Old 2nd growth	Logging	10N	291971	5572987	398
11839	04-May-10	J. Houle	Tower	Tower Grid 123	0.5	20%A/50%B/30%C	Brown	Silt-sand-cobble	20	40	Old 2nd growth	Logging	10N	293037	5572901	316
11840	04-May-10	J. Houle	Tower	Tower Grid 124	0.2	B	Orange Brown	Silt-sand	5	10	Old 2nd growth	Logging	10N	292997	5572899	300
11841	04-May-10	J. Houle	Tower	Tower Grid 125	0.05	B	Orange Brown	Silt-sand	5	25	Old 2nd growth	Logging	10N	292954	5572921	311
11842	04-May-10	J. Houle	Tower	Tower Grid 126	0.15	B	Brown	Silt	5	5	Old 2nd growth	Logging	10N	292910	5572921	316

2010 Soil Sample Locations for Tower Project

Sample #	Date	Sampler	Property	Location	Sample Depth	Soil Horizon	Soil Colour	Partical Size	% Organics	Gradient (degrees)	Ground Cover	Cultural Impacts	UTM Zone	Easting	Northing	Elevation
11843	04-May-10	J. Houle	Tower	Tower Grid 127	0.1	B	Orange Brown	Silt-sand	2	5	Old 2nd growth	Logging	10N	292852	5572949	324
11844	04-May-10	J. Houle	Tower	Tower Grid 128	0.15	B	Orange Brown	Silt-sand	0	5	Old 2nd growth	Logging	10N	292802	5572948	324
11845	04-May-10	J. Houle	Tower	Tower Grid 129	0.2	B	Orange Brown	Silt-sand-cobble	5	10	Old 2nd growth	Logging	10N	292758	5572995	328
11846	04-May-10	J. Houle	Tower	Tower Grid 130	0.25	B	Orange Brown	Silt-sand-cobble	5	N/A	Old 2nd growth	Logging	10N	292709	5572982	325
11847	04-May-10	J. Houle	Tower	Tower Grid 131	0.15	B	Orange Brown	Silt-sand-cobble	10	0	Old 2nd growth	Logging	10N	292662	5573000	329
11848	04-May-10	J. Houle	Tower	Tower Grid 132	0.1	B	Orange Brown	Silt-sand-cobble	2	0	Old 2nd growth	Logging	10N	292632	5573019	320
11849	04-May-10	J. Houle	Tower	Tower Grid 133	0.15	B	Orange Brown	Silt-sand-cobble	5	5	Old 2nd growth	Logging	10N	292561	5573044	335
11850	04-May-10	J. Houle	Tower	Tower Grid 134	0.1	B	Orange Brown	Silt-sand	0	15	Old 2nd growth	Logging	10N	292513	5573043	341
11851	04-May-10	J. Houle	Tower	Tower Grid 135	0.1	B	Orange Brown	Silt-sand-cobble	10	25	Old 2nd growth	Logging	10N	292463	5573060	349
11852	04-May-10	J. Houle	Tower	Tower Grid 136	0.2	B	Orange Brown	Silt-sand	2	30	Old 2nd growth	Logging	10N	292421	5573060	356
11853	04-May-10	J. Houle	Tower	Tower Grid 137	0.15	B	Orange Brown	Silt-sand	0	30	Old 2nd growth	Logging	10N	292368	5573087	363
11854	04-May-10	J. Houle	Tower	Tower Grid 138	0.2	B	Orange Brown	Silt-sand	4	30	Old 2nd growth	Logging	10N	292326	5573096	377
11855	04-May-10	J. Houle	Tower	Tower Grid 139	0.2	B	Orange Brown	Silt-sand	0	30	Old 2nd growth	Logging	10N	292282	5573120	375
11856	04-May-10	J. Houle	Tower	Tower Grid 140	0.2	B	Orange Brown	Silt-sand	2	30	Old 2nd growth	Logging	10N	292232	5573128	375
11857	04-May-10	J. Houle	Tower	Tower Grid 141	0.15	B	Orange Brown	Silt-sand	0	25	Old 2nd growth	Logging	10N	292182	5573138	364
11858	04-May-10	J. Houle	Tower	Tower Grid 142	0.1	B	Orange Brown	Silt-sand	0	15	Old 2nd growth	Logging	10N	292151	5573139	352
11859	04-May-10	J. Houle	Tower	Tower Grid 143	0.2	B	Orange Brown	Silt-sand	5	15	Old 2nd growth	Logging	10N	292088	5573166	342
11860	05-May-10	J. Houle	Tower	Tower Grid 118	0.25	B	Orange Brown	Silt-sand-cobble	5	30	Old 2nd growth	Logging	10N	293315	5572999	322
11861	05-May-10	J. Houle	Tower	Tower Grid 117	0.1	B	Orange Brown	Silt-sand	2	12	Old 2nd growth	Logging	10N	293277	5573033	301
11862	05-May-10	J. Houle	Tower	Tower Grid 116	0.1	B	Yellow Brown	Silt-sand-cobble	5	10	Young 2nd growth	Logging	10N	292226	5573057	291
11863	05-May-10	J. Houle	Tower	Tower Grid 115	0.3	B	Orange Brown	Silt-sand-cobble	5	10	Young 2nd growth	Logging	10N	293179	5573062	285
11864	05-May-10	J. Houle	Tower	Tower Grid 114	0.25	50%B + 50%A	Grey Brown	Clay-silt-sand	25	25	Young 2nd growth	Logging	10N	293128	5573082	271
11865	05-May-10	J. Houle	Tower	Tower Grid 113	0.2	80%B + 20%A	Orange Brown	Silt-sand-cobble	10	15	Young 2nd growth	Logging	10N	293087	5573102	259
11866	05-May-10	J. Houle	Tower	Tower Grid 112	0.15	B	Orange Brown	Silt-sand	5	30	Old 2nd growth	Logging	10N	293028	5573086	234
11867	05-May-10	J. Houle	Tower	Tower Grid 111	0.4	B	Orange Brown	Silt-sand	5	40	Old 2nd growth	Logging	10N	292983	5573155	248
11868	05-May-10	J. Houle	Tower	Tower Grid 110	0	B	Orange Brown	Silt-sand	5	30	Old 2nd growth	Logging	10N	292928	5573134	276
11869	05-May-10	J. Houle	Tower	Tower Grid 109	0.2	B	Orange Brown	Silt-sand	5	30	Old 2nd growth	Logging	10N	292895	5573169	277
11870	05-May-10	J. Houle	Tower	Tower Grid 108	0.05	B	Orange Brown	Silt-sand	1	15	Old 2nd growth	Logging	10N	292841	5573161	287
11871	05-May-10	J. Houle	Tower	Tower Grid 107	0.2	B	Orange Brown	Silt-sand	2	7	Old 2nd growth	Logging	10N	292807	5573175	286
11872	05-May-10	J. Houle	Tower	Tower Grid 106	0.1	B	Orange Brown	Silt-sand	5	5	Old 2nd growth	Logging	10N	292755	5573200	294
11873	05-May-10	J. Houle	Tower	Tower Grid 105	0.2	B	Orange Brown	Silt-sand-cobble	5	10	Old 2nd growth	Logging	10N	292705	5573216	306
11874	05-May-10	J. Houle	Tower	Tower Grid 104	0.1	B	Red-brown	Silt-sand	5	30	Old 2nd growth	Logging	10N	292645	5573237	317
11875	05-May-10	J. Houle	Tower	Tower Grid 103	0.15	B	Orange Brown	Silt	0	5	Old 2nd growth	Logging	10N	292598	5573235	329
11876	05-May-10	J. Houle	Tower	Tower Grid 102	0.05	B	Orange Brown	Silt	1	2	Old 2nd growth	Logging	10N	292566	5573244	326
11877	05-May-10	J. Houle	Tower	Tower Grid 101	0.1	B	Orange Brown	Silt-sand	2	5	Old 2nd growth	Logging	10N	292514	5573279	315
11878	05-May-10	J. Houle	Tower	Tower Grid 100	0.3	B	Orange Brown	Silt-sand-cobble	2	5	Old 2nd growth	Logging	10N	292469	5573281	319
11879	07-May-10	J. Houle	Tower	Tower Grid 99	0.15	B	Orange Brown	Silt-sand	10	5	Old 2nd growth	Logging	10N	292412	5573305	310
11880	07-May-10	J. Houle	Tower	Tower Grid 98	0.1	B	Orange Brown	Silt-sand	0	5	Old 2nd growth	Logging	10N	292369	5573314	314
11881	07-May-10	J. Houle	Tower	Tower Grid 97	0.1	B	Orange Brown	Silt-sand-cobble	5	10	Old 2nd growth	Logging	10N	292316	5573325	321
11882	07-May-10	J. Houle	Tower	Tower Grid 96	0.1	B	Orange Brown	Silt-sand	0	5	Old 2nd growth	Logging	10N	292275	5573339	328
11883	07-May-10	J. Houle	Tower	Tower Grid 95	0.1	B	Orange Brown	Silt-sand	0	10	Old 2nd growth	Logging	10N	292227	5573358	339
11884	07-May-10	J. Houle	Tower	Tower Grid 94	0.1	B	Brown	Silt-sand	10	15	Old 2nd growth	Logging	10N	292178	5573372	339
11885	07-May-10	J. Houle	Tower	Tower Grid 320A	0.05	B	Orange Brown	Silt-sand	2	0	Old 2nd growth	Logging	10N	292140	5573269	346
11886	07-May-10	J. Houle	Tower	Tower Grid 321A	0.2	B	Orange Brown	Silt-sand	10	5	Old 2nd growth	Logging	10N	292198	5573279	342
11887	07-May-10	J. Houle	Tower	Tower Grid 322A	0.2	B	Orange Brown	Silt-sand-cobble	5	5	Old 2nd growth	Logging	10N	292247	5573244	332
11888	07-May-10	J. Houle	Tower	Tower Grid 323A	0.05	B	Orange Brown	Silt-sand-cobble	5	5	Old 2nd growth	Logging	10N	292291	5573197	330
11889	07-May-10	J. Houle	Tower	Tower Grid 324A	0.1	B	Orange Brown	Silt-sand	0	10	Old 2nd growth	Logging	10N	292344	5573216	326
11890	07-May-10	J. Houle	Tower	Tower Grid 325A	0.2	B	Orange Brown	Silt-sand	5	10	Old 2nd growth	Logging	10N	292377	5573216	326
11891	07-May-10	J. Houle	Tower	Tower Grid 326A	0.1	B	Orange Brown	Silt-sand	0	10	Old 2nd growth	Logging	10N	292444	5573201	326
11892	07-May-10	J. Houle	Tower	Tower Grid 327A	0.1	B	Orange Brown	Silt-sand-cobble	5	10	Old 2nd growth	Logging	10N	292470	5573164	318
11901	05-May-10	Ahoule	Tower	Tower Grid 342A	0.3	B	Orange Brown	Silt	10	25	2nd	Logging	10N	293175	5572955	284
11902	05-May-10	Ahoule	Tower	Tower Grid 341A	0.1	B	Orange Brown	Silt-clay	15	35	Saplings	Logging	10N	293148	5572978	279
11903	05-May-10	Ahoule	Tower	Tower Grid 340A	0.4	B	Orange Brown	Silt-sand	15	10	Saplings	Logging	10N	293111	5572989	280
11904	05-May-10	Ahoule	Tower	Tower Grid 339A	0.1	B	Orange Brown	Silt-sand	15	35	Saplings	Logging	10N	293060	5573002	272
11905	05-May-10	Ahoule	Tower	Tower Grid 338A	0.2	B	Orange Brown	Silt-sand	10	55	Saplings	Logging	10N	293008	5573014	258
11906	07-May-10	Ahoule	Tower	Tower Grid 337A	0.4	B	Orange Brown	Silt	10	45	2nd	Logging	10N	292964	5573025	268
11907	07-May-10	Ahoule	Tower	Tower Grid 336A	3054	B	Orange Brown	Silt-sand	15	35	2nd	Logging	10N	292892	5573054	300
11908	07-May-10	Ahoule	Tower	Tower Grid 335A	0.1	B	Orange Brown	Silt-sand	5	10	2nd	Logging	10N	292862	5573076	313
11909	07-May-10	Ahoule	Tower	Tower Grid 334A	0.1	B	Orange Brown	Silt	15	10	2nd	Logging	10N	292816	5573076	321
11910	07-May-10	Ahoule	Tower	Tower Grid 333A	0	B	Orange Brown	Silt-sand	5	10	2nd	Logging	10N	292779	5573124	320
11911	07-May-10	Ahoule	Tower	Tower Grid 332A	0.1	B	Orange Brown	Silt-sand	10	20	2nd	Logging	10N	292711	5573115	327
11912	07-May-10	Ahoule	Tower	Tower Grid 331A	0.4	B	Orange Brown	Silt-sand	10	15	2nd	Logging	10N	292675	5573114	334
11913	07-May-10	Ahoule	Tower	Tower Grid 330A	0.1	B	Light brown	Silt	10	15	2nd	Logging	10N	292628	5573122	331
11914	07-May-10	Ahoule	Tower	Tower Grid 329A	0	B	Orange Brown	Silt-sand	10	15	2nd	Logging	10N	292585	5573149	321

2010 Soil Sample Locations for Tower Project

Sample #	Date	Sampler	Property	Location	Sample Depth	Soil Horizon	Soil Colour	Partical Size	% Organics	Gradient (degrees)	Ground Cover	Cultural Impacts	UTM Zone	Easting	Northing	Elevation
11915	07-May-10	Ahoule	Tower	Tower Grid 32	0	B	Orange Brown	Silt-sand	5	15	2nd	Logging	10N	292531	5573160	326
11581	10-May-10	Ahoule	Tower	SE 833	0.1	B	Orange Brown	Sandy Silt	0	10	cut	Logging	10N	294225	5571717	646
11582	10-May-10	Ahoule	Tower	SE 832	0	B	Orange Brown	Silty Sand	2	5	cut	Logging	10N	294240	5571699	640
11583	10-May-10	Ahoule	Tower	SE 831	0	B	Orange Brown	Silty Sand	2	+40deg -10deg'	colluv	Logging	10N	294322	5571682	608
11584	10-May-10	Ahoule	Tower	SE 830	0.2	B	Orange Red Br	Silt-Sand	10	10	Old	Logging	10N	294370	5571674	600
11585	11-May-10	AB	Tower	SE887	0.2	B	Red Tan	gravely silt	2	20	OG	10m below cut block	10N	294416	5571888	606
11586	11-May-10	AB	Tower	SE888	0.2	B	Brown	Silt	5	25	OG	edge of cut block	10N	294416	5571888	625
11587	11-May-10	AB	Tower	SE889	0.15	B	red brown	Sandy Silt	2	20	OG		10N	294331	5571901	637
11588	11-May-10	AB	Tower	SE890	0.3	B	Orange Brown	Sandy Silt	2	5	OG		10N	294262	5571925	646
11589	11-May-10	AB	Tower	SE891	0.25	B	tan brown	Sandy Silt	5	10	OG		10N	294232	5571936	658
11590	11-May-10	AB	Tower	SE892	0.3	B	tan brown	Sandy Silt	5	5	OG		10N	294182	5571954	651
11591	11-May-10	AB	Tower	SE894	0.4	B	grey	silt and clay	5	0	OG		10N	294086	5571994	656
11592	11-May-10	AB	Tower	SE895	0.5	B	tan brown	Sandy Silt	5	35	OG		10N	294037	5572001	660
11593	11-May-10	AB	Tower	SE898	0.35	B	orange	Sandy Silt	2	2	OG		10N	293897	5572040	649
11594	11-May-10	AB	Tower	SE899	0.4	C?	grey	Silty Sand	5	2	OG		10N	293829	5572039	649
11595	11-May-10	AB	Tower	SE901	0.45	C	grey	sand silt clay	5	20	OG		10N	293727	5572100	641
11596	11-May-10	AB	Tower	SE902	0.35	C	grey	sandy silt	5	2	5 y.o. Regen	cut block	10N	293681	5572106	641
11597	11-May-10	AB	Tower	SE903	0.5	B	orange	silty sand	1	4	road cut	logged	10N	293647	5572127	641
11598	11-May-10	AB	Tower	SE904	0.3	B	orange	silty sand	1	+30deg -45deg'	OG	edge of road	10N	293606	5572131	638
11599	11-May-10	AB	Tower	SE grid 869	0.3	B	grey	Silty Sand	5	+15deg -35deg'	5 y.o. Regen	logged	10N	293600	5572007	631
11758	13-May-10	Ahoule	Tower	SE grid 851	0.3	B + clay	dark brown	clay	15	20	Saplings	logging	10N	293354	5571972	540
11759	13-May-10	Ahoule	Tower	SE grid 850	0.3	B	Orange Brown	silt	5	40	Saplings	logging	10N	293399	5571956	560
11760	13-May-10	Ahoule	Tower	SE grid 849	0.6	clay	grey	clay	5	10	Saplings	logging	10N	293444	5571933	596
11761	13-May-10	Ahoule	Tower	SE grid 848	0	B	Orange Brown	silt sand	3	5	Saplings	logging	10N	293497	5571939	598
11762	14-May-10	Ahoule	Tower	SE grid 915	0.1	B	Orange Brown	silt sand	10	40	2nd	logging	10N	293062	5572284	477
11763	14-May-10	Ahoule	Tower	SE grid 914	0.3	B	Orange Brown	silt	25	40	2nd	logging	10N	293129	5572283	502
11764	14-May-10	Ahoule	Tower	SE grid 913	0	B	Orange Brown	silt sand	3	25	2nd	logging	10N	293149	5572236	534
11765	14-May-10	Ahoule	Tower	SE grid 912	0	B	Orange Brown	silt sand	3	5	2nd	logging	10N	293220	5572245	538
11766	14-May-10	Ahoule	Tower	SE grid 911	0.6	B	Orange Brown	clay silt	10	10	Saplings	logging	10N	293270	5572225	531
11767	14-May-10	Ahoule	Tower	SE grid 910	0.6	B	brown	silt sand	5	35	Saplings	logging	10N	293318	5572217	518
11768	14-May-10	Ahoule	Tower	SE grid 909	0.3	B	Orange Brown	clay silt	40	35	Saplings	logging	10N	293378	5572202	539
11769	14-May-10	Ahoule	Tower	SE grid 908	0	B	Orange Brown	silt	10	45	Saplings	logging	10N	293431	5572185	558
11770	14-May-10	Ahoule	Tower	SE grid 907	0	B	Orange Brown	silt	15	50	Saplings	logging	10N	293466	5572168	569
11771	14-May-10	Ahoule	Tower	SE grid 906	0.3	B	Orange Brown	silt	10	35	Saplings	logging	10N	293508	5572164	588
11772	14-May-10	Ahoule	Tower	SE grid 867	0	B?	brown	silt	25	5	Saplings	logging	10N	293515	5572028	586
11773	14-May-10	Ahoule	Tower	SE grid 866	0.7	B	Orange Brown	silt sand	15	10	Saplings	logging	10N	293451	5572040	571
11893	11-May-10	AB	Tower	SE896	0.35	B	brown	silt sand	5	5	OG		10N	293982	5572002	656
11894	11-May-10	AB	Tower	SE897	0.35	B	orange	sandy silt	2	25	OG		10N	293951	5572014	660
11896	14-May-10	AB	Tower	SE863	0.4	C	green grey	silty sand	1	25	15 y.o. regen	logged	10N	293312	5572104	534
11897	14-May-10	AB	Tower	SE864	0.4	B	orange	sandy silt	1	40	15 y.o. regen	logged	10N	293363	5572094	544
11898	14-May-10	AB	Tower	SE865	0.45	B	orange	sandy silt	1	35	15 y.o. regen	logged	10N	293420	5572064	560
11916	11-May-10	Ahoule	Tower	SE grid 870	0.5	clay	dark brown	clay	20	5	Saplings	Logging	10N	293641	5571989	631
11917	11-May-10	Ahoule	Tower	SE grid 871	0.7	clay	dark brown	clay	30	15	Saplings	Logging	10N	293699	5571963	631
11918	11-May-10	Ahoule	Tower	SE grid 872	0	B	Orange Brown	silt sand	5	15	2nd	Logging	10N	293738	5571969	638
11919	11-May-10	Ahoule	Tower	SE grid 873	0.3	B	Orange Brown	clay silt	5	5	Old		10N	293799	5571954	649
11920	11-May-10	Ahoule	Tower	SE grid 874	0.3	B	Orange Brown	silt sand	10	5	Old		10N	293835	5571944	651
11921	11-May-10	Ahoule	Tower	SE grid 875	0	B	Orange Brown	silt sand	5	10	Old		10N	293892	5571925	653
11922	11-May-10	Ahoule	Tower	SE grid 876	0.3	B	Orange Brown	silt sand	10	10	Old		10N	293935	5571905	654
11923	11-May-10	Ahoule	Tower	SE grid 877	0.4	B	Orange Brown	clay silt	10	10	Old		10N	293993	5571893	653
11924	11-May-10	Ahoule	Tower	SE grid 878	1	B	Orange Brown	silt sand	25	15	Old		10N	294033	5571870	661
11925	11-May-10	Ahoule	Tower	SE grid 879	0.8	B	Orange Brown	silt sand	5	20	Old		10N	294073	5571875	656
11926	11-May-10	Ahoule	Tower	SE grid 880	0.4	B	Orange Brown	silt sand	20	5	cut	Logging	10N	294124	5571840	664
11927	11-May-10	Ahoule	Tower	SE grid 881	0.3	B	brown	clay silt	15	20	cut	Logging	10N	294178	5571820	661
11928	12-May-10	Ahoule	Tower	SE grid 882	0	B	Orange Brown	clay silt	10	15	2nd	Logging	10N	294209	5571816	637
11929	12-May-10	Ahoule	Tower	SE grid 883	0.1	B	Orange Brown	silt	5	15	Old 2nd	Logging	10N	294265	5571809	645
11930	12-May-10	Ahoule	Tower	SE grid 884	0.2	B + clay	Orange Brown	silt clay	10	10	old		10N	294318	5571784	637
11931	12-May-10	Ahoule	Tower	SE grid 885	0.2	B	Orange Brown	silt sand	3	40	cut	Logging	10N	294356	5571775	615
11932	12-May-10	Ahoule	Tower	SE grid 886	0.3	B	brown	clay silt	5	10	old	Logging	10N	294417	5571765	591
11933	12-May-10	Ahoule	Tower	SE grid 845	0.2	B	Orange Brown	clay silt	5	10	Saplings	Logging	10N	293638	5571883	611
11934	12-May-10	Ahoule	Tower	SE grid 844	0.5	B	Orange Brown	silt sand	5	30	Saplings	Logging	10N	293693	5571878	621
11935	12-May-10	Ahoule	Tower	SE grid 843	0.1	B	Orange Brown	silt sand	5	10	Saplings	Logging	10N	293748	5571866	640
11936	12-May-10	Ahoule	Tower	SE grid 842	0.4	B	Orange Brown	silt sand	10	5	old	Logging	10N	293792	5571842	644
11937	12-May-10	Ahoule	Tower	SE grid 841	0.6	B	Orange Brown	silt sand	5	0	cut	Logging	10N	293824	5571831	656
11938	12-May-10	Ahoule	Tower	SE grid 840	0.3	B + ?	Orange Brown	silt sand	10	5	old	Logging	10N	293892	5571808	653

2010 Soil Sample Locations for Tower Project

Sample #	Date	Sampler	Property	Location	Sample Depth	Soil Horizon	Soil Colour	Partical Size	% Organics	Gradient (degrees)	Ground Cover	Cultural Impacts	UTM Zone	Easting	Northing	Elevation
11939	12-May-10	Ahoule	Tower	SE grid 839	0.5	B	Orange Brown	clay silt	10	10	old	Logging	10N	293929	5571800	656
11940	12-May-10	Ahoule	Tower	SE grid 838	1.2	B	Orange Brown	silt sand	10	10	cut	Logging	10N	293978	5571790	656
11941	12-May-10	Ahoule	Tower	SE grid 837	1	B	Orange Brown	sand silt	5	10	cut	Logging	10N	294029	5571759	656
11942	12-May-10	Ahoule	Tower	SE grid 836	0.9	clay	light grey	clay	10	15	cut	Logging	10N	294084	5571754	648
11943	13-May-10	Ahoule	Tower	SE grid 835	0.5	B	Orange Brown	silt	3	5	cut	logging	10N	294125	5571753	656
11944	13-May-10	Ahoule	Tower	SE grid 834	0.3	B	Orange Brown	silt	35	5	cut	logging	10N	294176	5571724	658
11945	13-May-10	Ahoule	Tower	SE grid 857	0	B	Orange Brown	silt sand	15	35	old 2nd	logging	10N	293064	5572040	521
11946	13-May-10	Ahoule	Tower	SE grid 856	0	B	Orange Brown	silt sand	10	25	old 2nd	logging	10N	293115	5572035	539
11947	13-May-10	Ahoule	Tower	SE grid 855	0	B	brown	silt sand	10	20	old 2nd	logging	10N	293172	5572039	535
11948	13-May-10	Ahoule	Tower	SE grid 854	0	B	Orange Brown	silt sand	10	15	old 2nd	logging	10N	293211	5572021	541
11949	13-May-10	Ahoule	Tower	SE grid 853	0	B	dark orange	silt	15	20	cut	logging	10N	293250	5571998	541
11950	13-May-10	Ahoule	Tower	SE grid 852	0.2	B	Orange Brown	silt sand	5	5	Saplings	logging	10N	293302	5571982	538
11951	12-May-10	AB	Tower	SE 802	0.05	B	orange	sandy silt	1	35	slash	logged + road cut	10N	294289	5571565	629
11952	12-May-10	AB	Tower	SE801	0.05	B	orange	sandy silt	5	10	slash	logged	10N	294244	5571593	649
11953	12-May-10	AB	Tower	SE 800	0.1	B	orange	sandy silt	1	5	slash	logged	10N	294197	5571591	663
11954	12-May-10	AB	Tower	SE 799	0.2	B	brown	sandy silt	2	5	slash	logged	10N	294147	5571594	665
11955	12-May-10	AB	Tower	SE 798	0.2	B	orange	sandy silt	2	5	slash	logged	10N	294113	5571656	663
11956	12-May-10	AB	Tower	SE 797	0.05	B	orange	sandy silt	1	10	slash	logged	10N	294056	5571628	668
11957	12-May-10	AB	Tower	SE 796	0.2	B	orange	sandy silt	5	15	slash	logged	10N	294005	5571649	655
11958	12-May-10	AB	Tower	SE 795	0.3	C	grey	silt	10	10	slash	logged	10N	293957	5571668	650
11959	12-May-10	AB	Tower	SE 794	0.05	B	orange	sandy silt	1	0	slash	logged	10N	293906	5571679	653
11960	12-May-10	AB	Tower	SE 793	0.2	B	orange	sandy silt	1	15	slash	logged	10N	293869	5571690	646
11961	12-May-10	AB	Tower	SE 792	0.15	B	orange	sandy silt	1	5	slash	road	10N	293827	5571723	638
11962	12-May-10	AB	Tower	SE 791	0.3	B	orange	sandy silt	1	2	slash	logged	10N	293769	5571721	645
11963	12-May-10	AB	Tower	SE 790	0.4	B	orange	sandy silt	5	27	15 year old regen.	logged	10N	293727	5571740	636
11964	12-May-10	AB	Tower	SE 789	0.3	B	orange	sandy silt	1	+30deg -10deg '	15 year old regen.	logged	10N	293699	5571751	624
11965	12-May-10	AB	Tower	SE 788	0.45	B ?	tan	silt	2	2	15 year old regen.	logged	10N	293627	5571769	624
11966	12-May-10	AB	Tower	SE 787	0.1	B	orange	sandy silt	1	30	15 year old regen.	logged	10N	293568	5571786	613
11967	12-May-10	AB	Tower	SE 817	0.35	B	orange	sandy silt	1	2	OG		10N	293724	5571612	640
11968	12-May-10	AB	Tower	SE 818	0.4	C	brown	sandy silt	5	5	OG		10N	293768	5571597	649
11969	12-May-10	AB	Tower	SE 819	0.4	B	red brown	sandy silt	3	25	slash	logged	10N	293801	5571580	655
11970	13-May-10	AB	Tower	SE816	0.4	B	orange tan	sandy silt	1	20	15 y.o. regen	logged	10N	293658	5571627	627
11971	13-May-10	AB	Tower	SE815	0.5	B	brown orange	sandy silt	2	30	15 y.o. regen	logged	10N	293619	5571635	622
11972	13-May-10	AB	Tower	SE814	0.25	B	orange	sandy silt	1	+25; -10	15 y.o. regen	logged	10N	293568	5571640	605
11973	13-May-10	AB	Tower	SE813	0.05	B	orange tan	sandy silt	2	5	15 y.o. regen	logged	10N	293517	5571667	598
11974	13-May-10	AB	Tower	SE812	0.3	B	tan orange	sandy silt	2	+25; -15	15 y.o. regen	logged	10N	293471	5571692	584
11975	13-May-10	AB	Tower	SE811	0.35	B?	tan brown	sandy silt	5	15	15 y.o. regen	logged	10N	293419	5571691	577
11976	13-May-10	AB	Tower	SE810	0.45	C	brown	sandy silt	5	20	15 y.o. regen	logged	10N	293367	5571706	575
11977	13-May-10	AB	Tower	SE809	0.2	B	orange	sandy silt	1	5	15 y.o. regen	road cut	10N	293315	5571710	587
11978	13-May-10	AB	Tower	SE808	0.45	B	tan brown	sandy silt	5	25	15 y.o. regen	logged	10N	293273	5571762	571
11979	13-May-10	AB	Tower	SE807	0.4	B	tan brown	sandy silt	2	10	15 y.o. regen	logged	10N	293237	5571749	556
11980	13-May-10	AB	Tower	SE806	0.4	C	tan brown	sandy silt	10	5	15 y.o. regen	logged	10N	293169	5571779	560
11981	13-May-10	AB	Tower	SE805	0.4	B	orange	sandy silt	0	2	15 y.o. regen	road cut	10N	293142	5571810	564
11982	13-May-10	AB	Tower	SE804	0.25	B	orange	sandy silt	0	10	15 y.o. regen	road cut	10N	293069	5571785	562
11983	13-May-10	AB	Tower	SE803	0.25	B	orange	sandy silt	0	5	edge OG	edge cutblock	10N	293031	5571813	561
11984	13-May-10	AB	Tower	SE775	0.45	B	orange	sandy silt	1	15	15 y.o. regen	road cut	10N	292980	5571943	542
11985	13-May-10	AB	Tower	SE776	0.75	B	orange	sandy silt	2	5	15 y.o. regen	logged	10N	293048	5571926	539
11986	13-May-10	AB	Tower	SE777	0.05	B	orange	sandy silt	0	30	15 y.o. regen	logged	10N	293106	5571928	554
11987	13-May-10	AB	Tower	SE778	0.35	B	orange	sandy silt	1	+1; -35	15 y.o. regen	logged	10N	293130	5571928	564
11988	14-May-10	AB	Tower	SE786	0.1	B	orange	sandy silt	1	5	15 y.o. regen	logged	10N	293529	5571796	616
11989	14-May-10	AB	Tower	SE785	0.05	B	orange	sandy silt	1	1	15 y.o. regen	logged	10N	293484	5571808	610
11990	14-May-10	AB	Tower	SE784	0.2	B	orange	sandy silt	1	+35deg -50deg '	15 y.o. regen	logged	10N	293441	5571809	591
11991	14-May-10	AB	Tower	SE783	0.4	B	orange	sandy silt	2	+40deg -15deg '	15 y.o. regen	logged	10N	293395	5571846	556
11992	14-May-10	AB	Tower	SE782	0.35	B	orange	sandy silt	1	2	15 y.o. regen	logged	10N	293340	5571840	546
11993	14-May-10	AB	Tower	SE781	0.2	C	tan	sandy silt	2	2	15 y.o. regen	logged	10N	293292	5571867	544
11994	14-May-10	AB	Tower	SE780	0.35	B	orange	sandy silt	1	10	15 y.o. regen	logged	10N	293229	5571891	549
11995	14-May-10	AB	Tower	SE779	0.5	B	orange tan	sandy silt	1	30	15 y.o. regen	logged	10N	293196	5571905	556
11996	14-May-10	AB	Tower	SE858	0.3	B	orange	sandy silt	1	20	mature 2nd	logged	10N	293055	5572167	495
11997	14-May-10	AB	Tower	SE859	0.15	B	orange	sandy silt	1	25	mature 2nd	logged	10N	293106	5572159	519
11998	14-May-10	AB	Tower	SE860	0.3	B	orange	sandy silt	1	15	mature 2nd	logged	10N	293173	5572120	540
11999	14-May-10	AB	Tower	SE861	0.3	B	orange	sandy silt	1	0	mature 2nd	logged	10N	293228	5572124	546
12000	14-May-10	AB	Tower	SE862	0.35	B	orange	sandy silt	1	20	edge 15y.o. Cutblo	logged	10N	293269	5572098	542

Soil Geochemistry		Method	WGHT	Au-TL42	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Analyte	Wgt	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Certificate #	Sample #	Unit	KG	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
VA10049318	11601		0.72	0.004	0.09	6.21	2.7	<0.2	<10	30	0.41	0.13	0.21	0.12	18.6	5.3	63	0.55
VA10049318	11602		0.6	0.003	0.12	5.26	2.4	<0.2	<10	20	0.39	0.12	0.2	0.18	10.1	4.7	44	0.59
VA10049318	11603		0.54	0.003	0.34	7.02	2.9	<0.2	<10	20	0.52	0.11	0.17	0.17	13.8	8.2	71	0.64
VA10049318	11604		0.72	0.004	0.26	5.73	3.2	<0.2	<10	20	0.64	0.1	0.2	0.17	19.95	9.8	44	0.61
VA10049318	11605		0.64	0.004	0.14	6.28	2.5	<0.2	<10	20	0.46	0.11	0.13	0.2	9.75	4.7	47	0.42
VA10049318	11606		0.6	0.002	0.15	3.3	2	<0.2	<10	20	0.16	0.13	0.15	0.15	5.67	2.9	35	0.27
VA10049318	11607		0.4	0.002	0.15	3.29	2.3	<0.2	<10	30	0.29	0.13	0.2	0.22	11.15	5.9	38	0.71
VA10049318	11608		0.62	0.003	0.15	9.69	2.7	<0.2	<10	20	0.62	0.07	0.12	0.31	23.9	20.9	48	0.47
VA10049318	11609		0.5	0.002	0.16	4.41	1.9	<0.2	<10	20	0.24	0.15	0.15	0.28	8.67	17.5	84	0.47
VA10049318	11610		0.6	0.002	0.08	6.84	1.4	<0.2	<10	80	0.55	0.09	0.16	0.31	12.05	25.2	45	0.64
VA10049318	11611		0.7	0.002	0.17	6.06	2.2	<0.2	<10	20	0.39	0.18	0.12	0.24	14.3	6.2	71	0.85
VA10049318	11612		0.62	0.003	0.14	7.2	1.3	<0.2	<10	240	0.58	0.13	0.28	0.3	12	20.8	47	1.27
VA10049318	11613		0.44	0.003	0.17	6.56	2.5	<0.2	<10	20	0.42	0.08	0.25	0.37	11.3	14.1	59	0.3
VA10049318	11614		0.44	0.003	0.17	4.45	4.9	<0.2	<10	10	0.15	0.15	0.13	0.3	6.34	2.7	59	0.34
VA10049318	11615		0.66	0.002	0.15	7.4	3	<0.2	<10	20	0.38	0.08	0.17	0.18	16	3.9	64	0.32
VA10049318	11616		0.7	0.002	0.07	5.37	2.2	<0.2	<10	20	0.25	0.1	0.18	0.09	8.82	4.1	51	0.49
VA10049318	11617		0.58	0.003	0.09	1.75	1.3	<0.2	<10	10	0.09	0.18	0.18	0.09	5.65	3.2	39	0.33
VA10049318	11618		0.6	0.002	0.07	4.58	2.6	<0.2	<10	20	0.2	0.09	0.22	0.14	6.61	4.9	53	0.61
VA10049318	11619		0.4	0.003	0.08	4.53	2.9	<0.2	<10	10	0.24	0.14	0.15	0.12	6.73	3.7	77	0.42
VA10049318	11620		0.52	0.004	0.12	2.37	1.8	<0.2	<10	10	0.11	0.18	0.15	0.13	5.1	2.4	53	0.15
VA10049318	11621		0.66	0.003	0.18	4.75	1.8	<0.2	<10	20	0.31	0.11	0.18	0.31	11.05	5.1	42	0.69
VA10049318	11651		0.46	0.004	0.13	9.17	3	<0.2	<10	40	0.48	0.04	0.26	0.19	33.7	9	72	0.56
VA10049318	11652		0.46	0.002	0.08	5.71	2.9	<0.2	<10	20	0.35	0.13	0.16	0.24	13.8	6.6	57	0.56
VA10049318	11653		0.26	0.006	0.31	6.09	2.9	<0.2	<10	20	0.38	0.11	0.17	0.31	12.8	4.1	62	0.53
VA10049318	11654		0.2	<0.001	0.13	3.41	4.5	<0.2	<10	40	0.4	0.16	0.29	0.23	18.75	10.4	36	0.49
VA10049318	11655		0.36	0.002	0.16	6.77	2.6	<0.2	<10	30	0.45	0.12	0.29	0.26	14.85	7.8	55	0.79
VA10049318	11656		0.26	0.002	0.04	4.8	2.5	<0.2	<10	10	0.19	0.13	0.19	0.08	7.75	3.4	62	0.64
VA10049318	11657		0.36	0.003	0.04	6.72	2.1	<0.2	<10	30	0.49	0.08	0.26	0.15	18.15	9.8	56	0.67
VA10049318	11658		0.34	0.001	0.12	2.86	6.2	<0.2	<10	10	0.14	0.17	0.16	0.16	6.84	3.5	41	0.35
VA10049318	11659		0.3	0.002	0.05	5.47	4.8	<0.2	<10	40	0.41	0.12	0.21	0.14	11.6	10.1	63	0.52
VA10049318	11660		0.36	0.002	0.17	5.61	4.2	<0.2	<10	30	0.36	0.13	0.22	0.14	10.15	9.5	62	0.56
VA10049318	11661		0.28	0.002	0.1	5.64	4	<0.2	<10	20	0.33	0.22	0.16	0.13	10.4	4.7	63	0.78
VA10054379	11622		0.52	0.003	0.14	6.03	3.1	<0.2	<10	10	0.41	0.09	0.26	0.23	16.05	7.1	48	0.6
VA10054379	11623		0.56	0.002	0.12	4.73	2.1	<0.2	<10	10	0.52	0.13	0.18	0.18	11.2	18.4	34	0.75
VA10054379	11624		0.6	0.003	0.08	4.72	2	<0.2	<10	10	0.37	0.08	0.22	0.17	8.94	8	38	0.51
VA10054379	11625		0.58	0.002	0.11	3.12	2.8	<0.2	<10	20	0.33	0.16	0.21	0.56	8.64	26.3	41	0.64
VA10054379	11626		0.72	0.002	0.07	4.22	2.5	<0.2	<10	<10	0.23	0.1	0.11	0.15	6.65	4	44	0.18
VA10054379	11627		0.66	0.002	0.13	3.74	2.2	<0.2	<10	10	0.32	0.11	0.32	0.31	11.15	12.8	37	0.83
VA10054379	11628		0.54	0.003	0.13	4.51	1.3	<0.2	<10	20	0.38	0.15	0.25	0.18	9.34	12.6	54	0.56
VA10054379	11629		0.6	0.003	0.28	4.8	2.1	<0.2	<10	10	0.22	0.1	0.34	0.22	7.26	8.1	90	0.5
VA10054379	11630		0.58	0.003	0.15	5.67	3.3	<0.2	<10	10	0.25	0.06	0.23	0.25	10.65	6.6	59	0.41
VA10054379	11631		0.66	0.004	0.05	5.47	3.6	<0.2	<10	20	0.27	0.11	0.29	0.19	10.75	9	80	0.77
VA10054379	11632		0.56	0.004	0.13	4.49	2.3	<0.2	<10	10	0.16	0.12	0.25	0.23	10.3	5.6	64	0.43
VA10054379	11633		0.58	0.003	0.11	7.43	2.6	<0.2	<10	20	0.65	0.15	0.18	0.18	14.55	60.2	53	0.99
VA10054379	11634		0.62	0.003	0.11	7.25	2.4	<0.2	<10	20	0.65	0.15	0.2	0.18	14.7	51.7	55	0.97
VA10054379	11635		0.7	0.003	0.1	6.38	2.7	<0.2	<10	20	0.28	0.08	0.19	0.15	11.45	5	59	0.49
VA10054379	11636		0.66	0.007	0.1	1.01	0.7	<0.2	<10	<10	<0.05	0.26	0.15	0.12	4.69	1.9	32	0.11
VA10054379	11637		0.68	0.003	0.07	7.83	2.4	<0.2	<10	10	0.37	0.1	0.21	0.23	9.84	5.7	69	0.59
VA10054379	11638		0.6	0.004	0.1	5.12	1.9	<0.2	<10	20	0.37	0.08	0.32	0.25	15.15	14.9	45	0.78
VA10054379	11639		0.84	0.006	0.11	5.02	2.5	<0.2	<10	10	0.35	0.1	0.3	0.2	13.6	9.5	58	0.54
VA10054379	11640		0.84	0.003	0.08	4.41	2	<0.2	<10	10	0.3	0.16	0.28	0.13	11.9	7.4	53	0.62
VA10054379	11641		0.82	0.003	0.06	6.54	2.8	<0.2	<10	20	0.36	0.1	0.32	0.15	12.75	10.7	76	0.64
VA10054379	11642		0.68	0.003	0.13	6.22	1.8	<0.2	<10	30	0.42	0.07	0.3	0.16	8.66	10.6	64	0.59
VA10054379	11643		0.78	0.002	0.08	2.8	0.8	<0.2	<10	30	0.18	0.18	0.26	0.09	7.23	7.7	60	0.36
VA10054379	11644		0.64	0.004	0.18	3.69	1.4	<0.2	<10	20	0.24	0.19	0.21	0.09	5.73	6.8	68	0.57
VA10054379	11645		0.74	0.006	0.06	0.52	0.7	<0.2	<10	<10	<0.05	0.13	0.31	0.03	4.53	3.9	51	0.11
VA10054379	11646		0.64	0.004	0.11	4.51	1.5	<0.2	<10	20	0.27	0.14	0.25	0.14	13.95	6.8	67	0.59
VA10054379	11647		0.64	0.003	0.14	5.7	2.1	<0.2	<10	20	0.46	0.09	0.23	0.15	10.85	7.1	45	0.52
VA10054379	11648		0.64	0.008	0.09	5.24	1.8	<0.2	<10	20	0.48	0.09	0.15	0.1	12.65	3.8	44	0.3
VA10054379	11649		0.66	0.004	0.09	2.25	0.9	<0.2	<10	10	0.16	0.27	0.19	0.14	6.28	4.1	75	0.27
VA10054379	11650		0.48	0.002	0.18	5.52	2.5	<0.2	<10	40	0.39	0.1	0.17	0.26	7.21	15.3	87	0.34
VA10054379	11662		0.32	0.002	0.08	5.95	3.2	<0.2	<10	20	0.32	0.08	0.26	0.16	13.3	6.5	72	0.51
VA10054379	11663		0.34	0.001	0.13	3.4	3.3	<0.2	<10	50	0.36	0.12	0.46	0.37	12.85	12.5	50	0.53
VA10054379	11664		0.32	0.003	0.2	5.34	4.5	<0.2	<10	20	0.34	0.12	0.24	0.2	10.5	14.2	76	0.59
VA10054379	11665		0.34	0.002	0.07	2.68	2.9	<0.2	<10	20	0.15	0.13	0.31	0.14	7.52	7.6	51	0.29
VA10054379	11666		0.34	0.002	0.08	2.6	2.4	<0.2	<10	10	0.19	0.13	0.33	0.11	4.97	5.2	53	0.32
VA10054379	11667		0.28	0.002	0.07	2.53	2.4	<0.2	<10	10	0.11	0.18	0.22	0.09	5.35	3.2	62	0.37
VA10054379	11668		0.38	0.002	0.06	5.83	2.6	<0.2	<10	20	0.32	0.14	0.37	0.13	8.95	11.9	88	0.98
VA10054379	11669		0.4	0.008	0.19	7.4	3.4	<0.2	<10	40	0.49	0.06	0.36	0.25	20.2	18.1	79	1.05
VA10054379	11670		0.38	0.013	0.12	4.57	3.6	<0.2	<10	20	0.22	0.16	0.25	0.17	5.83	6.7	98	0.82
VA10054379	11671		0.34	0.008	0.09	3.01	2.1	<0.2	<10	40	0.47	0.1	0.42	0.38	10.8	13.7	45	0.83
VA10054379	11672		0.4	0.002	0.18	2.59	2.2	<0.2	<10	30	0.57	0.15	0.31	0.21	9.34	4.5	49	0.38
VA10054379	11673		0.34	0.004	0.09	6.3	3.1	<0.2	<10	30	0.48	0.07	0.27	0.28	11.8	10.3	56	0.65
VA10054379	11674		0.32	0.002	0.1	3.44	3.2	<0.2	<10	10	0.14	0.15	0.15	0.11	4.03	3.7	64	0.18
VA10054379	11675		0.32	0.004	0.12	7.89	2.8	<0.2	<10	20	0.55	0.14	0.18	0.17	13.7	7.3	75	0.73
VA10054379	11676		0.38	0.003	0.1	4.62	1.5	<0.2	<10	30	0.28	0.12	0.26	0.18	10.4	7	45	0.65
VA10054379	11677		0.36	0.003	0.15	5.65	1.6	<0.2	<10	20	0.23	0.19	0.19	0.17	7.54	4.8	71	0.62
VA10054379	11678		0.32	0.003	0.16	10.05	2.6	<0.2	<10	30	0.46	0.11	0.16	0.21	9.18	5.3	71	0.69
VA10054379	11679		0.4	0.002	0.08	5.6	2.2	<0.2	<10	30	0.42	0.12	0.18	0.18	11.25	5.7	42	0.77
VA10054379	11680		0.4	0.187	0.07	4.83	2	<0.2	<10	30	0.33	0.12	0.21	0.21	9.68	4.1	44	0.6
VA10054379	11681		0.38	0.003	0.26	3.97	2.9	<0.2	<10	10	0.16	0.15	0.16	0.14	4.43	3.7	75	0.2
VA10054379	11682		0.44	0.003	0.05	5.51	2	<0.2	<10	30	0.54	0.08	0.25	0.14	24.8	7.1	48	0.6
VA10054379	11683		0.3	0.002	0.14	5.65	2.3	<0.2	<10	20	0.55	0.2	0.16	0.15	8.98	6.9	47	0.73
VA10054379	11684		0.4	0.003	0.09	7.31	2.1	<0.2	<10	40	0.37	0.1	0.23	0.13	6.89	8.8	82	0.62
VA10054379	11685		0.48	0.003	0.15	6.05	1.7	<0.2	<10	40	0.69	0.12	0.3	0.2	17	17.8	55	0.79
VA10054379	11686		0.38	0.004	0.09	7.08	2	<0.2	<10	30	0.59	0.08	0.27	0.17	17.2	13	67	0.62
VA10054379	11687		0.4	0.002	0.1	2.73	1.6	<0.2	<10	20	0.23	0.13	0.24	0.22	4.89	8.1	44	0.18
VA10054379	11688		0.36	0.004	0.07	8.39	2.2	<0.2	<10	40	0.83	0.05	0.27	0.25	27	18.8	62	0.52
VA10054379	11689		0.34	0.003	0.12	6.54	2.9	<0.2	<10	20	0.56	0.08	0.23	0.28	13.9	8.4	60	0.6
VA10054379	11690		0.36	0.003	0.1	6.45	4.1	<0.2	<10	20	0.35	0.09	0.28	0.23	13.7	9.7	82	0.68
VA10054379	11691		0.42	0.003	0.08	7.69	4	<0.2	<10	30	0.44	0.06	0.28	0.17	11.7	12.6	85	0.55
VA10054379	11692		0.36	0.001	0.36	4.24	2.2	<0.2	<10	30	0.48	0.14	0.56	0.27	18.5	16.4	56	0.67
VA10054379	11693		0.3	0.002	0.23	4.91	2.3	<0.2	<10	10	0.32	0.15	0.25	0.24	8.24	7.1	67	0.34
VA10054379	11694		0.4	0.002	0.07	3.85	1.6	<0.2	<10	30	0.34	0.13	0.29	0.15	8.16	10.4	50	0.36
VA10054379	11695		0.36	0.005	0.15	5.89	2.6	<0.2	<10	20	0.44	0.07	0.18	0.31	8.77	9.6	42	0.29
VA10054379	11696		0.36	0.003	0.11	4.42	2.1	<0.2	<10	30	0.38	0.16	0.24	0.15	11	7.4	49	0.22
VA10054379	11697		0.42	0.003	0.14	6.76	2.3	<0.2	<10	20	0.49	0.09	0.28	0.15	11.45	11.9	65	0.49
VA10054379	11698		0.3	0.002	0.1	4.68	1.9	<0.2	<10	30	0.48	0.12	0.2	0.19	12	10.1	39	0.61
VA10054379	11699		0.46	0.002	0.09	6.08	2.2	<0.2	<10	20	0.47	0.1	0.29	0.1	16.15	13.5	67	0.56
VA10054379	11700		0.48	0.002	0.05	6.35	2.1	<0.2	<10	20	0.28	0.09	0.22	0.12	10.75	5.8	77	0.31
VA10054379	11701		0.6	0.001	0.15	3.02	1.2	<0.2	<10	20	0.25	0.16	0.23	0.19	6.52	24.9	84	0.3
VA10054379	11702		0.54	0.003	0.05	3.92	2.5	<0.2	<10	20	0.31	0.12	0.21	0.24	9.15	5	43	0.49
VA10054379	11703		0.48	0.003	0.23	5.94	2.5	<0.2	<10	10	0.45	0.11	0.14	0.18	9.43	5.2	103	0.37
VA10054379	11704		0.74	0.002	0.06	5.23	2.4	<0.2	<10	30	0.39	0.11	0.26	0.2	11.05	7	82	0.7
VA10054379	11705		0.58	0.003	0.1	5.01	2.4	<0.2	<10	40	0.49	0.05	0.35	0.16	23.6	8.1	56	0.31
VA10054379	11706		0.68	0.003	0.07	4.36	2.1	<0.2	<10	20	0.26	0.1	0.2	0.2	8.59	3.5	64	0.42
VA10054379	11707		0.56	0.002	0.15	4.93	2.8	<0.2	<10	20	0.25	0.1	0.2	0.21	8.29	3.1	47	0.39
VA10054379	11708		0.62	0.002	0.09	5.01	1.9	<0.2	<10	30	0.37	0.11	0.31	0.19	11.6	7.1	49	0.83
VA10054379	11709		0.5	0.002	0.14	8.03	2.5	<0.2	<10	20	0.34	0.09	0.14	0.15	14.75	4	81	0.38
VA10054379	11710		0.42	0.002	0.07	4.58	2.8	<0.2	<10	10	0.24	0.15	0.15	0.16	9.62	3.4	63	0.37
VA10054379	11711		0.68	0.003	0.2	5.58	2.7	<0.2	<10	20	0.38	0.13	0.24	0.23	15.2	5.1	48	0.58
VA10054379	11712		0.66	0.004	0.06	7.72	3.1	<0.2	<10	10	0.44	0.13	0.16	0.12	14.35	6.3	73	0.44
VA10054379	11713		0.62	0.002	0.15	3.42	2.5	<0.2	<10	20	0.34	0.18	0.21	0.23	8.08	8.7	54	0.2
VA10054379	11714		0.7	0.003	0.19	4.82	1.8	<0.2	<10	10	0.27	0.11	0.18	0.15	8.04	4.9	63	0.4
VA10054379	11715		0.54	0.003	0.18	6.92	3.2	<0.2	<10	10	0.38	0.13	0.12	0.2	17.4	4.1	62	0.35
VA10054379	11716		0.74	0.003	0.15	6.01	2.6	<0.2	<10	20	0.32	0.12	0.2	0.16	16.7	5.2	58	0.39
VA10054379	11717		0.58	0.003	0.08	4.67	2.4	<0.2	<10	10	0.35	0.12	0.24	0.12	9.62	5.1	54	0.34
VA10054379	11718		0.76	0.003	0.11	7.32	2.2	<0.2	<10	30	0.55	0.04	0.27	0.14	21	9.7	50	0.39
VA10054379	11719		0.62	0.004	0.08	8.19	2.9	<0.2	<10	10	0.3	0.09	0.13	0.1	12.8	3.4	72	0.27
VA10054379	11801		0.46	0.002	0.12	6.27	2.5	<0.2	<10	30	0.55	0.13	0.23	0.19	14.05	10.8	54	0.69
VA10054379	11802		0.42	0.002	0.22	6.37	2.6	<0.2	<10	20	0.48	0.11	0.18	0.19	14.85	6.3	44	0.65
VA10054379	11803		0.4	0.002	0.12	5.62	2.1	<0.2	<10	10	0.29	0.09	0.16	0.16	9.37	3.5	69	0.26
VA10054379	11804		0.56	0.002	0.08	6.41	2	<0.2	<10	40	0.59	0.07	0.4	0.1	14.3	7	39	0.47
VA10054379	11805		0.42	0.002	0.06	5.66	1.6	<0.2	<10	40	0.41	0.08	0.25	0.13	15	8.4	50	0.64
VA10054379	11806		0.4	0.004	0.33	5.56	1.5	<0.2	<10	40	0.34	0.14	0.2	0.2	8.49	8.7	77	0.47
VA10054379	11807		0.5	0.003	0.05	6.27	1.9	<0.2	<10	20	0.45	0.1	0.21	0.13	21.5	6.3	50	0.44
VA10054379	11808		0.42	0.002	0.15	3.39	2.7	<0.2	<10	40	0.59	0.16	0.31	0.25	11.05	46.1	42	0.64
VA10054379	11809		0.34	0.002	0.15	4.65	1.7	<0.2	<10	40	0.4	0.22	0.19	0.16	11.25	8.9	51	0.85
VA10054379	11810		0.32	0.003	0.17	3.32	1.8	<0.2	<10	10	0.17	0.23	0.14	0.17	7	4.4	92	0.26
VA10054379	11811		0.42	0.002	0.18	5.07	1.9	<0.2	<10	30	0.44	0.09	0.27	0.22	13.1	7.8	38	0.34
VA10054379	11812		0.5	0.002	0.15	5.14	1.9	<0.2	<10	30	0.5	0.11	0.24	0.14	17.35	10.3	43	0.4
VA10054379	11813		0.46	0.002	0.18	5.23	1.5	<0.2	<10	20	0.43	0.11	0.23	0.11	11.2	6.8	50	0.38

Sample #	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re
	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
11601	58.1	5.24	16.1	0.13	0.76	0.33	0.057	<0.01	5	6.4	0.17	135	1.2	0.02	4.86	16.7	320	5.8	1.7	<0.001
11602	71.6	4.52	12.9	0.11	0.35	0.36	0.042	<0.01	4.2	6.2	0.12	123	1.92	0.02	4.72	10	300	4.7	1.5	<0.001
11603	73.1	7.63	16.7	0.17	0.76	0.38	0.065	<0.01	4.7	6.4	0.16	182	1.58	0.02	5.99	10.3	410	4	1.6	0.001
11604	138.5	4.43	11	0.11	0.5	0.28	0.039	<0.01	3.6	5.9	0.19	302	0.99	0.02	4.89	13.4	310	3.9	1.8	<0.001
11605	60.4	7.05	16.1	0.15	0.58	0.43	0.064	<0.01	4	5.9	0.12	98	0.98	0.02	5.71	8.6	540	4.5	1.2	<0.001
11606	28.7	6.83	20.3	0.12	0.27	0.3	0.053	<0.01	2.7	3.2	0.1	86	5.04	0.02	6.3	5.4	220	4.7	0.9	<0.001
11607	111	6.62	15.1	0.16	0.16	0.28	0.055	<0.01	4.9	4.3	0.22	228	1.14	0.02	4.38	11.7	430	4.4	1.9	<0.001
11608	120	4.55	11.3	0.15	0.51	0.53	0.042	<0.01	5.8	4.9	0.16	486	2.71	0.02	3.49	14.3	720	13.4	1.1	0.001
11609	124.5	9.57	19.85	0.2	0.33	0.37	0.081	<0.01	3.1	3.9	0.16	743	1.09	0.02	5.74	9.6	490	10.4	1.4	<0.001
11610	65.2	4.86	12.3	0.13	0.26	0.38	0.049	<0.01	5.4	4.9	0.14	530	0.81	0.02	4.02	10.4	650	3.3	1.7	<0.001
11611	61.6	11.25	33.3	0.23	0.63	0.25	0.097	<0.01	6.4	5.4	0.11	161	1.33	0.02	6.09	7.9	530	6.7	2.4	<0.001
11612	98.4	7.95	19.25	0.19	0.48	0.19	0.077	0.02	4.5	11.8	0.32	261	0.91	0.03	5.49	24.4	460	4.1	3.7	<0.001
11613	78.5	5.95	9.86	0.16	0.33	0.46	0.069	<0.01	3	2.7	0.06	294	1.39	0.01	3.73	12	530	3.3	0.9	0.001
11614	27.9	6.77	17.9	0.14	0.41	0.39	0.082	0.01	2.7	2.9	0.08	80	2.07	0.02	5.75	5.5	410	10.3	1.6	<0.001
11615	62.4	4.78	13.3	0.14	0.59	0.27	0.065	<0.01	5.5	2.7	0.19	121	1.24	0.02	4.51	9.9	460	3.4	1	<0.001
11616	76.9	4.33	16.55	0.11	0.45	0.18	0.07	<0.01	3.7	3.3	0.24	135	0.88	0.02	4.6	9	220	5.4	1.2	<0.001
11617	27.9	6.57	21.5	0.13	0.14	0.07	0.039	0.01	2.6	1.4	0.12	106	0.85	0.02	4.77	6.2	170	5.5	1.2	<0.001
11618	153	5.12	12.4	0.12	0.57	0.16	0.051	<0.01	2.6	5	0.27	137	0.79	0.02	5.46	11.5	300	3.9	1.4	<0.001
11619	46.6	9.04	20.9	0.17	0.71	0.19	0.082	<0.01	2.6	3.3	0.1	87	0.87	0.01	6.47	8.4	580	6.3	1.3	<0.001
11620	23.8	8.93	25.3	0.18	0.27	0.25	0.068	<0.01	2.5	1.6	0.04	120	0.84	0.01	5.82	5.1	450	7.5	0.8	0.001
11621	57.2	5.75	16	0.13	0.47	0.37	0.054	<0.01	3.4	4.8	0.15	158	0.92	0.02	5.13	9.7	330	4.9	2	0.001
11651	72.4	4.33	10.05	0.14	0.97	0.3	0.052	<0.01	4.7	5.3	0.41	210	1.39	0.02	4.14	24.6	440	2.6	1.7	<0.001
11652	40.6	5.39	16.25	0.13	0.54	0.21	0.058	<0.01	3.4	4.5	0.13	163	1.59	0.02	5.7	10	300	5.9	1.5	<0.001
11653	45.3	6.16	16	0.16	0.51	0.57	0.081	<0.01	5.3	3.4	0.16	126	1.23	0.02	5.48	8.9	460	5.1	1.5	<0.001
11654	55.3	4.12	10.65	0.12	0.19	0.24	0.047	0.02	4.3	5.2	0.37	191	1.39	0.02	4.08	21.1	470	15.6	2.9	<0.001
11655	116.5	4.3	11.45	0.12	0.6	0.22	0.049	0.01	4.9	6.9	0.33	179	0.8	0.02	4.97	20.3	280	5.5	2.9	<0.001
11656	33.6	7.03	19.6	0.16	0.66	0.18	0.067	<0.01	3.4	3.9	0.16	104	0.81	0.02	5.61	7.6	330	5.7	1.5	<0.001
11657	89	5.04	12.45	0.08	0.6	0.3	0.054	0.01	5.6	5.9	0.48	208	0.77	0.02	3.68	23.5	500	5.2	2.4	<0.001
11658	24.3	7.01	19.7	0.07	0.29	0.26	0.051	0.01	3.2	2.9	0.08	108	0.53	0.02	3.87	5.6	310	6.1	0.9	<0.001
11659	61.8	8.28	21.5	0.09	0.65	0.31	0.073	0.01	2.9	4.5	0.24	390	0.84	0.02	5.17	12.6	470	4.7	1.6	<0.001
11660	58.7	6.78	17.2	0.08	0.59	0.35	0.061	0.01	3.7	4.7	0.21	420	0.7	0.02	5.32	13.7	530	5.9	1.7	<0.001
11661	51.9	9.24	25.1	0.1	0.54	0.31	0.093	0.01	4.9	5.5	0.17	130	0.96	0.02	5.53	7.7	670	7.5	1.9	<0.001
11622	91.1	4.49	10.75	0.07	0.58	0.26	0.053	0.01	4.7	4.9	0.23	167	0.71	0.01	4.23	13.7	360	4.1	1.9	<0.001
11623	64.8	5.44	10.85	0.06	0.2	0.29	0.05	0.01	4	5.7	0.17	375	0.68	<0.01	4.43	11.7	440	3.6	2.4	<0.001
11624	56.7	4.85	11.1	0.06	0.36	0.19	0.043	0.01	3.1	4.6	0.2	138	0.7	0.01	4.82	12.2	310	2.6	1.7	0.001
11625	51.8	6.54	12.25	0.05	0.12	0.2	0.059	0.01	3.7	5.5	0.16	483	0.87	0.01	4.52	13	450	8.8	1.7	<0.001
11626	48.8	6.2	12.35	0.06	0.25	0.26	0.058	0.01	2.8	1.8	0.06	82	0.69	<0.01	4.36	5.5	290	3.2	0.7	0.001
11627	97.3	5.65	12.95	0.06	0.41	0.22	0.054	0.01	4.5	5.8	0.45	334	0.91	0.01	5.45	19.1	350	3.7	2.5	0.001
11628	58.7	8.69	19.4	0.07	0.37	0.18	0.069	0.01	4.2	6	0.17	154	0.73	0.01	5.52	13.9	460	4.8	2	<0.001
11629	61.8	10.15	21.5	0.08	0.46	0.36	0.087	0.01	3	4.1	0.26	162	0.6	0.01	6.11	14.6	450	3.8	2	0.001
11630	52.6	5.06	11.25	0.07	0.64	0.36	0.062	0.01	3.4	4.8	0.28	265	0.75	0.01	4.66	13	460	3.6	1.5	<0.001
11631	77.2	9.3	22.9	0.07	0.9	0.31	0.081	0.02	3	5.6	0.39	207	0.99	0.01	5.15	18.5	620	6.7	3.2	0.001
11632	27.7	4.13	15.45	0.06	0.58	0.22	0.079	0.01	4.9	5.4	0.25	129	0.88	0.01	5.32	10.6	250	5.9	1.9	<0.001
11633	90.6	5.69	12.4	0.08	0.66	0.28	0.057	0.02	4.7	8.6	0.2	599	2.21	0.01	4.3	14	260	5.1	3	0.001
11634	83.6	5.8	12.85	0.08	0.66	0.23	0.057	0.02	4.5	8.5	0.21	540	2.04	0.01	4.38	13.7	260	5	3	<0.001
11635	36	5.73	12.65	0.07	0.86	0.33	0.066	0.01	3.8	3.7	0.18	139	0.61	0.01	4.31	9.9	180	4.1	1.5	<0.001
11636	19.5	8.15	27.7	0.06	0.14	0.05	0.037	0.01	2.4	0.3	0.04	99	0.9	0.01	3.59	3.4	200	8.9	1	<0.001
11637	49.6	5.14	12.1	0.09	0.95	0.26	0.079	0.01	4	4.7	0.2	129	0.75	0.01	4.57	10.8	350	3.8	1.7	0.001
11638	110.5	3.87	10.95	0.07	0.52	0.35	0.046	0.02	5	7.1	0.46	247	0.92	0.01	4.38	24.8	260	3	2.1	0.001
11639	83.1	6.19	13.55	0.06	0.46	0.15	0.052	0.01	3.7	5.5	0.4	200	0.8	0.01	5.05	20.1	450	5	2.5	<0.001
11640	63.1	6.68	19.5	0.07	0.53	0.23	0.059	0.01	5.3	5.2	0.32	207	0.91	0.01	4.16	13.4	420	6.9	2	0.001
11641	78.1	8.71	20.4	0.1	0.78	0.24	0.087	0.01	4.9	5.1	0.38	255	0.86	0.01	3.79	18.4	630	4.6	2.4	<0.001
11642	54.3	5.96	12.85	0.1	0.69	0.26	0.061	0.01	3.4	8.6	0.29	210	0.62	0.01	4.57	20	360	3.4	2.3	<0.001
11643	33.1	6.96	20.4	0.11	0.29	0.08	0.041	0.01	3.3	3.8	0.21	192	0.57	0.01	2.52	14.9	220	5.9	1.7	<0.001
11644	49.5	9.3	27.1	0.14	0.41	0.1	0.059	0.01	2.6	4.7	0.2	146	0.82	0.01	4.42	11.3	480	6.5	3.4	<0.001
11645	11.4	5.1	10.15	0.08	0.13	0.02	0.015	0.01	2.4	0.3	0.09	129	0.2	0.01	1.15	7.7	110	4.3	0.9	<0.001
11646	55.1	7.1	19.45	0.12	0.63	0.22	0.053	0.01	4.8	5.5	0.23	174	0.7	0.01	3.58	13.7	310	6	2.1	<0.001
11647	54.5	5.03	11.5	0.1	0.39	0.3	0.042	0.01	4.1	5.3	0.2	181	0.89	0.01	4.33	11.9	440	3.2	1.7	<0.001
11648	64.2	4.74	11.85	0.09	0.17	0.22	0.04	0.01	5.6	4.8	0.11	86	1.17	0.01	3.84	7.8	420	3.3	1.1	<0.001
11649	44.1	10.75	41	0.16	0.29	0.1	0.061	0.01	3.1	1.2	0.13	117	0.67	0.01	3.11	7.9	370	6.9	1.1	<0.001
11650	80.8	5.91	13.2	0.11	0.14	0.46	0.063	0.01	3.5	2.5	0.13	992	0.47	0.01	3.3	9.6	920	2.7	0.9	<0.001
11662	51.1	7.92	19.75	0.15	0.63	0.38	0.083	0.02	4.1	5.8	0.31	178	1.51	0.01	4.99	13	450	4.2	2.4	<0.001
11663	47.1	6.33	15.85	0.11	0.19	0.13	0.049	0.02	3.4	6.4	0.32	353	0.89	0.01	4.49	19.4	360	8.8	2.5	<0.001
11664	54.4	7.66	18.55	0.12	0.62	0.27	0.067	0.01	3.4	8.9	0.25	223	1.29	0.01	5.3	16.8	460	5.7	2.7	<0.001
11665	36.4	7.05	17.85	0.11	0.26	0.18	0.047	0.01	2.6	3.5	0.29	407	0.79	0.01	4.06	12.2	490	5.5	1.2	<0.001
11666	26.9	6.57	19.2	0.08	0.17	0.12	0.045	0.01	2.3	4.5	0.21	170	1.31	0.01	3.41	11	940	5.9	1.3	<0.001
11667	22.8	7.78	24.3	0.11	0.32	0.1	0.044	0.01	2.8	3.7	0.1	115	1.12	0.01	4.19	8	380	7.3	1.7	<0.001
11668	47.2	7.37	18.6	0.12	0.42	0.21	0.068	0.01	3.5	8.8	0.41	841	1.03	0.01	4.34	25.4	1220	5.5	3.2	<0.001
11669	116	6.88	16.25	0.14	0.94	0.36	0.065	0.02	5.1	10	0.8	300	1.13	0.02	2.73	35.6	450	3.3	3.9	0.001
11670	41.7	11.3	30	0.18	0.62	0.15	0.092	0.02	2.6	6.7	0.31	158	1.09	0.01	5.74	15.1	430	8.1	3.3	<0.001
11671	67.3	6.05	15.6	0.12	0.13	0.07	0.052	0.02	3.6	8.7	0.77	345	0.96	0.02	4.16	28.2	300	4.5	3.3	<0.001
11672	39	7.43	22.4	0.11	0.12	0.12	0.054	0.01	4.6	6.3	0.18	152	1.24	0.01	4.57	10.8	540	6.9	1.6	<0.001
11673	78.4	5.85	12.95	0.11	0.65	0.33	0.054	0.02	3.4	8	0.4	241	0.79	0.01	4.64	19.3	510	3.4	2.2	<0.001
11674	33.8	8.68	22.2	0.14	0.38	0.21	0.066	0.02	1.7	2	0.14	168	0.64	0.01	5.31	7.3	480	9.8	1.3	<0.001
11675	92.4	8.86	18.05	0.16	0.95	0.31	0.094	0.01	5.4	6.1	0.26	178	0.99	0.01	4.83	12.8	850	6.6	2.2	<0.001
11676	64.4	6.18	15.05	0.08	0.46	0.14	0.052	0.02	4	6.1	0.25	166	0.68	0.01	4.86	13.4	350	4.4	2	<0.001
11677	54.5	8.79	25.3	0.14	0.5	0.21	0.087	0.01	3.2	4.8	0.18	164	0.88	0.01	3.65	8.2	420	6.5	2.1	<0.001
11678	64.3	6.82	16.95	0.13	0.98	0.5	0.083	0.01	3.4	7.1	0.21	135	1.12	0.01	4.24	10.4	550	4.7	2.1	<0.001
11679	42	4.82	13.6	0.1	0.39	0.18	0.044	0.02	4.1	6.6	0.2	157	0.75	0.01	4.09	10.5	410	4.8	2.2	<0.001
11680	37.7	5.96	16.65	0.1	0.34	0.35	0.045	0.02	3.9	5.8	0.21	157	0.74	0.01	3.46	7.8	430	4.1	1.7	<0.001
11681	39.3	11.7	32.3	0.2	0.68	0.33	0.09	0.01	1.8	2.2	0.14	98	0.8	0.01	6.06	7.4	300	5.6	0.9	<0.001
11682	59.9	4.88	12.8	0.12	0.58	0.17	0.046	0.01	6	4.8	0.31	167	0.88	0.01	4.08	15.4	400	3.7	2.2	<0.001
11683	44.4	6.48	21.1	0.12	0.56	0.26	0.061	0.01	3.4	5.9	0.13	138	0.91	0.01	4.13	10.4	370	11.6	2.3	<0.001
11684	77.8	7.92	17.9	0.14	0.8	0.29	0.083	0.01	2.6	8	0.33	169	0.59	0.01	4.84	19.2	470	3.6	2.1	<0.001
11685	129	7.06	16.8	0.15	0.53	0.25	0.059	0.02	5.3	10.1	0.42	259	1.01	0.02	4.93	27.6	450	3.8	2.9	<0.001
11686	115.5	5.9	12.4	0.13	0.79	0.33	0.053	0.02	5.3	7	0.33	248	0.77	0.01	4.14	24.2	500	3.5	2	<0.001
11687	37.8	7.64	20.3	0.14	0.21	0.22	0.048	0.01	2.1	3.5	0.1	265	0.68	0.01	4.82	10.1	420	5.3	1.1	<0.001
11688	110.5	5.15	11.9	0.14	0.53	0.42	0.049	0.02	6.3	6.9	0.45	347	0.94	0.01	3.96	29.2	1670	2.9	1.9	<0.001
11689	64.2	5.26	13.15	0.11	0.74	0.54	0.057	0.01	3	7.5	0.29	216	0.71	0.01	5.26	18.3	510	3.5	2.2	<0.001
11690	84.9	7.53	18.6	0.15	1.07	0.34	0.073	0.02	3.1	8.2	0.46	216	0.88	0.01	5.25	22.9	370	4.5	2.5	<0.001
11691	50.1	6.86	15.55	0.14	0.88	0.41	0.078	0.01	2.5	7.6	0.48	292	0.64	0.01	4.41	25.4	440	4	1.9	<0.001
11692	61	6.19	17.7	0.14	0.2	0.31	0.054	0.01	4.8	7.5	0.32	661	2.64	0.01	4.42	17.8	370	5.4	2.3	<0.001
11693	46.8	8.24	24.3	0.15	0.48	0.49	0.074	0.01	2.4	7	0.17	269	0.82	0.01	5.66	13.4	450	6.4	1.2	<0.001
11694	45.5	7.11	20	0.15	0.39	0.17	0.057	0.01	3.1	4.6	0.25	424	0.68	0.01	5.29	15.3	310	5.3	1.5	<0.001
11695	58.3	5.78	14.8	0.14	0.25	0.51	0.049	0.01	3.6	4.1	0.18	1210	0.84	0.01	4.51	10.1	650	3.4	1.1	<0.001
11696	41.2	7.38	20.1	0.15	0.44	0.35	0.058	0.01	4.2	4.5	0.16	265	0.82	0.01	5.62	10.2	400	5.4	1.1	<0.001
11697	67.1	6.56	14.85	0.14	0.84	0.32	0.06	0.01	3.6	8.2	0.29	232	0.68	0.01	5.03	23.4	430	3.8	2	<0.001
11698	55.2	5.48	14.85	0.11	0.29	0.26	0.046	0.01	4.2	6.6	0.17	154	0.84	0.01	4.86	12.2	420	4.4	1.9	<0.001
11699	57.6	6.05	17.85	0.15	0.71	0.26	0.058	0.01	7.2	5.5	0.3	471	0.81	0.02	4.04	15.9	390	4	2.3	<0.001
11700	39.7	7.4	21.1	0.15	0.79	0.24	0.068	0.01	3.5	3.7	0.23	144	0.81	0.01	4.89	12.3	320	4	1.4	<0.001
11701	99.8	8.14	19	0.16	0.1	0.41	0.055	0.01	3.3	2.9	0.16	3080	0.5	0.01	2.75	11.3	780	4.6	1.2	<0.001
11702	59.2	5.47	17.1	0.11	0.37	0.37	0.044	0.01	3.5	5.4	0.17	178	0.74	0.01	4.54	9.4	360	4.8	1.3	<0.001
11703	81	10	21.6	0.2	0.56	0.46	0.091	0.01	4.3	3.7	0.1	135	0.89	0.01	5.14	7.9	800	3	0.8	<0.001
11704	76.1	6.86	18.6	0.14	0.5	0.18	0.059	0.01	3.7	6.1	0.3	167	0.97	0.01	4.78	18.1	540	4.6	2.2	<0.001
11705	87.3	4.45	11.85	0.13	0.3	0.22	0.038	0.01	5.2	4.8	0.33	173	0.78	0.01	3.74	21.6	360	3.7	1.5	<0.001
11706	49	6.43	17.2	0.13	0.44	0.3	0.053	0.01	3.2	4.5	0.15	109	0.91	0.01	4.82	7.9	320	3.8	1.2	<0.001
11707	41.6	4.58	12.8	0.1	0.4	0.77	0.046	0.01	2.7	4.3	0.12	124	0.9	0.01	4.8	7.4	360	4.4	1.3	<0.001
11708	68.6	4.17	12.35	0.11	0.38	0.2	0.04	0.02	3.6	6.4	0.31	216	0.9	0.01	4.53	17.9	300	4.2	3	<0.001
11709	30.4	5.96	14.85	0.15	0.94	0.41	0.08	0.01	4.8	3.2	0.15	102	0.69	0.01	4.61	10.4	370	3.5	1.4	<0.001
11710	32.6	6.46	17	0.07	0.28	0.21	0.077	0.01	3.6	3.2	0.13	124	1.05	<0.01	5.21	7.6	350	7.5	1.3	<0.001
11711	47.4	4.3	11.1	0.06	0.28	0.19	0.041	0.01	3.4	4.9	0.19	214	1.26	<0.01	4.4	11.5	430	6.1	1.8	<0.001
11712	46.3	6.03	15.15	0.08	0.62	0.14	0.061	0.01	3.6	5.2	0.16	315	0.8	<0.01	4.96	12.2	520	7.1	1.5	<0.001
11713	148.5	7.6	18.15	0.08	0.27	0.19	0.048	0.01	3.1	4.4	0.34	196	0.95	<0.01	5.53	11.8	490	9.6	1.2	<0.001
11714	27.2	5.64	14.7	0.07	0.44	0.23	0.051	0.01	2.5	3.6	0.14	105	0.74	<0.01	4.91	8.6	290	4.2	1.2	<0.001
11715	41.5	6.06	14.85	0.08	0.48	0.3	0.069	0.01	3.8	4	0.11	88	1.36	<0.01	5.02	8.5	350	4.9	1.2	<0.001
11716	45	5.02	14.2	0.05	0.61	0.29	0.05	0.01	4.5	3.9	0.18	128	0.76	0.01	5.26	11.5	250	5.1	1.5	<0.001
11717	47.6	5.51	14.6	0.07	0.43	0.18	0.048	0.01	3.6	3.4	0.19	111	0.69	0.01	5.41	11.5	260	4.7	1.7	<0.001
11718	84.4	3.95	9	0.08	0.47	0.28	0.039	0.01	6.8	4.2	0.34	183	0.76	0.01	3.8	19.5	480	2.2	1.8	<0.001
11719	43.6	5.78	14.15	0.07	0.84	0.2	0.065	0.01	3.2	2.8	0.12	77	0.85	0.01	4.68	7.3	250	3.1	1	<0.001
11801	52.9	5.43	12.95	0.06	0.51	0.24	0.052	0.01	3.3	7.5	0.24	190	1.04	0.01	5.06	21.3	390	4.7	2.5	<0.001
11802	45.4	6.12	15.85	0.06	0.47	0.37	0.062	0.01	5.7	5.4	0.24	180	1.15	0.01	4.68	11.3	460	4.4	2.1	<0.001
11803	37	7.49	16.95	0.07	0.55	0.3	0.081	0.01	3.4	3.1	0.15	83	1.41	0.01	6.07	7.5	330	3.3	1	<0.001
11804	52.9	4.01	12.7	0.06	0.13	0.17	0.045	0.01	5.6	4.7	0.32	267	0.94	0.01	3.59	15.9	620	2.3	1.5	<0.001
11805	46.1	5.07	12.1	0.05	0.58	0.17	0.051	0.01	4.1	5.8	0.29	238	0.62	0.02	4.55	15.1	340	3.6	2.7	<0.001
11806	67.8	10.35	22.3	0.08	0.75	0.19	0.082	0.01	2.9	7.1	0.4	165	1.61	0.01	6.9	16.5	370	4.8	2.2	<0.001
11807	48.3	5.05	12.95	0.05	0.56	0.12	0.048	0.01	4.3	4.5	0.24	159	0.76	0.01	4.28	12.2	350	4.5	1.9	<0.001
11808	43.1	6.3	15.1	0.06	0.18	0.1	0.052	0.01	3.6	6.4	0.25	522	1.34	0.01	5.33	13.9	260	8.3	2	<0.001
11809	100	7.19	20.5	0.05	0.41	0.23	0.058	0.01	3.7	9.2	0.25	193	1.13	0.01	6.13	16.4	300	6.8	2.6	<0.001
11810	34.5	8.66	23.5	0.06	0.42	0.18	0.081	0.01	3.1	3	0.1	116	0.63	0.01	6.35	13.3	370	36.9	1.5	<0.001
11811	56.2	4.5	11.15	0.06	0.2	0.2	0.04	0.01	4.4	3.6	0.24	171	0.89	0.01	4.25	13.1	360	4.2	1.2	<0.001
11812	61.4	4.51	11.35	0.05	0.26	0.2	0.039	0.01	4.5	4.4	0.21	270	0.68	0.01	4.42	13.3	450	5	1.8	<0.001
11813	60.1	5.31	12.95	0.05	0.32	0.26	0.046	0.01	4.8	4.3	0.17	174	0.74	0.01	5.15	11	420	3.3	1.4	<0.001

Sample #	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
11601	0.09	0.17	14.7	2.5	1.1	13.5	0.08	0.05	2.3	0.434	<0.02	0.61	183	0.12	7.13	22	26.1
11602	0.05	0.17	10.4	2.6	1	13.1	0.1	0.06	1.5	0.358	0.02	0.56	155	0.13	6.21	25	12.7
11603	0.11	0.17	12.6	2.8	0.9	11.9	0.07	0.08	1.8	0.481	0.02	0.62	199	0.19	7.89	27	24.7
11604	0.05	0.17	10.6	2.5	0.8	13.3	0.1	0.06	1.6	0.374	0.03	0.54	149	0.19	7.45	35	18.2
11605	0.08	0.16	10.1	2.6	0.9	11.5	0.12	0.06	1.9	0.449	0.02	0.52	178	0.13	5.41	21	19.8
11606	0.04	0.16	4.9	1.7	1.1	12.4	0.1	0.05	1.2	0.555	<0.02	0.34	264	0.11	2.16	15	9.2
11607	0.07	0.14	7.2	2.5	0.9	16.9	0.04	0.06	0.6	0.432	0.03	0.55	153	0.15	11.1	25	5.9
11608	0.14	0.14	13.3	4.7	0.5	11.7	0.02	0.1	1.1	0.264	0.02	0.62	118	0.16	16.2	45	15.5
11609	0.06	0.19	8.1	2.1	1.1	18.3	0.09	0.09	1	0.589	<0.02	0.46	253	0.08	4.42	21	12.6
11610	0.1	0.1	11.2	2.9	0.7	52	0.1	0.08	0.8	0.31	0.04	0.53	132	0.13	8.12	29	8.7
11611	0.1	0.25	10.5	2.4	1.4	10.5	0.14	0.09	1.6	0.657	0.03	0.52	315	0.08	9.35	34	20
11612	0.06	0.12	12.9	2.4	1	144.5	0.07	0.09	1.2	0.492	0.04	0.43	215	0.14	7.93	64	16.1
11613	0.07	0.16	11	3.4	0.6	24.4	0.13	0.1	0.6	0.287	0.02	0.56	130	0.13	7.52	26	12
11614	0.06	0.36	7.5	2.3	1	7.4	0.16	0.08	1.6	0.381	<0.02	0.49	186	0.11	2.88	14	13.6
11615	0.07	0.12	13	3.1	0.7	11.6	0.03	0.07	1.9	0.33	0.02	0.76	135	0.15	8.94	18	19.8
11616	0.05	0.17	8.7	2.2	0.8	12.3	0.11	0.05	1.6	0.391	<0.02	0.52	148	0.12	4.3	17	14.8
11617	0.03	0.22	2.9	0.8	1.4	13.3	0.03	0.04	0.9	0.577	<0.02	0.25	292	<0.05	1.79	13	5.7
11618	0.04	0.18	6.2	1.6	0.9	16.9	0.09	0.04	1.4	0.498	<0.02	0.4	177	0.1	2.6	21	18.2
11619	0.06	0.25	10.2	1.5	1.2	10	0.17	0.05	1.3	0.656	<0.02	0.37	264	0.08	3.45	20	23.9
11620	0.03	0.31	3.9	1.3	1.8	11.4	0.1	0.04	1.4	0.817	<0.02	0.29	409	<0.05	1.77	12	10.7
11621	0.03	0.18	9.6	2.2	1.1	13.2	0.11	0.04	1.6	0.475	0.02	0.47	210	0.09	5.03	36	16.9
11651	0.14	0.1	18.2	2.4	0.6	13.7	0.02	0.06	2.1	0.365	0.02	0.78	137	0.18	9.84	32	32.2
11652	0.05	0.22	8.2	2.1	1	10.2	0.1	0.06	1.9	0.44	<0.02	0.51	187	0.17	4.5	28	18.1
11653	0.07	0.17	12	3.2	0.8	10.1	0.12	0.08	1.7	0.376	0.02	0.64	152	0.16	6.88	20	16.8
11654	0.08	0.52	6	2	0.9	18.4	0.04	0.07	0.6	0.372	0.02	0.39	120	0.19	7.41	36	6.5
11655	0.04	0.2	9.7	2.6	0.8	19.9	0.07	0.06	1.6	0.401	0.02	0.45	136	0.22	6.45	32	20.1
11656	0.06	0.25	7.9	1.8	1.3	13.2	0.1	0.06	1.5	0.656	<0.02	0.46	275	0.05	3.48	12	21
11657	0.16	0.09	16.7	2.2	0.6	16.4	0.02	0.02	2.2	0.439	<0.02	0.71	144	0.16	9.91	30	20.4
11658	0.05	0.16	5.2	1	1.2	12	0.08	0.03	1.3	0.54	0.02	0.37	263	0.14	2.68	18	10.1
11659	0.05	0.17	10.2	1.5	0.9	15	0.14	0.03	2.1	0.589	<0.02	0.59	254	0.15	6.94	36	22
11660	0.06	0.18	11.1	1.6	1	15.4	0.06	0.03	1.5	0.53	0.02	0.42	225	0.12	6.54	32	19.6
11661	0.06	0.21	9.7	1.5	1.1	12.1	0.1	0.03	2.1	0.538	0.02	0.54	224	0.09	5.58	27	18.7
11622	0.07	0.16	15.8	2	0.6	13.6	0.07	0.05	1.7	0.346	0.02	0.58	122	0.19	11.6	29	20.3
11623	0.06	0.14	8	2	0.7	18.1	0.08	0.04	1	0.393	0.03	0.56	150	0.11	6.37	32	8.1
11624	0.05	0.11	7.8	1.5	0.6	19.8	0.1	0.04	1.2	0.423	0.02	0.39	163	0.14	5.1	28	13.6
11625	0.06	0.2	4.8	1.3	0.9	25.6	0.03	0.03	0.6	0.49	0.03	0.46	211	0.08	5.44	35	5.2
11626	0.06	0.12	6.6	1.7	0.6	15.5	0.13	0.04	0.6	0.381	<0.02	0.39	159	0.07	4.89	16	9.5
11627	0.06	0.13	8.3	1.4	0.8	21.6	0.08	0.04	1.1	0.58	0.02	0.52	174	0.14	8.5	44	14.5
11628	0.05	0.16	8.1	0.9	1.2	28.2	0.08	0.03	0.9	0.718	0.02	0.38	305	<0.05	7.16	44	13
11629	0.06	0.16	10.6	1.5	1.1	20.5	0.08	0.03	0.8	0.72	0.02	0.38	289	<0.05	5.71	34	16.5
11630	0.07	0.13	12.2	1.9	0.5	13.2	0.09	0.03	1.4	0.395	0.02	0.51	133	0.13	6.07	28	23
11631	0.06	0.19	10.9	1.4	1.1	18.1	0.05	0.03	1.6	0.754	0.02	0.55	312	0.05	4.63	40	29
11632	0.06	0.2	10.8	1.2	0.9	14.1	0.09	0.02	1.5	0.473	0.02	0.6	172	0.07	5.41	33	21.4
11633	0.11	0.14	12.1	2.5	0.7	12.6	0.06	0.04	2.1	0.345	0.03	0.73	177	0.14	8.01	49	21.6
11634	0.11	0.15	12.4	2.3	0.7	13	0.06	0.04	2	0.358	0.03	0.75	180	0.13	7.68	46	22.7
11635	0.07	0.12	11.1	1.7	0.6	11.4	0.05	0.03	3.1	0.33	0.02	0.46	135	0.11	4.83	27	26
11636	0.03	0.24	1.7	0.3	2	10.1	0.07	0.02	0.7	0.911	<0.02	0.18	510	<0.05	1.15	12	5.5
11637	0.07	0.14	15.2	2.2	0.6	11.5	0.05	0.03	2.4	0.348	0.02	0.6	141	0.13	6.28	24	29.7
11638	0.04	0.11	13.8	1.7	0.6	21.2	0.05	0.03	1.4	0.426	0.02	0.52	150	0.15	8.89	44	18.7
11639	0.05	0.17	10.5	1.4	0.9	18.2	0.07	0.04	1.1	0.533	0.02	0.41	219	0.08	6.85	32	18.8
11640	0.06	0.22	9.9	1.2	1.3	18.3	0.06	0.03	1.6	0.645	0.02	0.52	285	<0.05	7.45	27	19.6
11641	0.09	0.16	13.7	1.8	0.9	21.9	0.03	0.03	1.7	0.643	0.02	0.54	264	0.06	9.73	35	27.3
11642	0.04	0.12	12.8	2.1	0.7	18.2	0.08	0.03	1.4	0.445	0.02	0.37	160	0.09	6.24	43	27.5
11643	0.03	0.13	7.5	0.7	1.5	18.1	0.04	0.01	1.1	0.697	<0.02	0.27	349	<0.05	3.86	27	13.3
11644	0.03	0.18	7.3	0.9	1.5	14.5	0.07	0.02	1	0.927	0.02	0.35	408	<0.05	3.01	22	17.2
11645	0.01	0.13	2.9	0.3	1.2	11.7	0.01	<0.01	0.5	0.617	<0.02	0.11	249	<0.05	1.32	8	5.4
11646	0.04	0.2	15.2	1.4	1.2	14.2	0.05	0.02	1.5	0.639	<0.02	0.41	297	<0.05	7.92	35	25.8
11647	0.05	0.1	10.3	2.9	0.6	14.8	0.07	0.04	1.5	0.389	0.02	0.57	148	0.14	8.39	31	16
11648	0.06	0.1	9.1	2.5	0.6	10.1	0.1	0.04	0.8	0.34	0.02	0.59	162	0.08	8.03	22	7.4
11649	0.04	0.16	5.7	0.9	1.8	12.3	0.03	0.02	0.9	0.903	<0.02	0.42	483	<0.05	3.88	13	11.3
11650	0.08	0.16	8.4	2.4	0.6	13.1	0.11	0.04	0.5	0.329	0.03	0.58	135	<0.05	6.27	20	6.2
11662	0.14	0.15	13.1	2.3	0.8	11.5	0.09	0.04	1.4	0.534	0.02	0.66	206	0.08	7.76	25	24.3
11663	0.05	0.25	6.3	1.6	0.9	23.8	0.06	0.04	0.6	0.525	0.03	0.34	239	0.06	6.38	50	8.9
11664	0.06	0.26	10.8	2	1	12.2	0.1	0.03	1.3	0.597	0.02	0.48	276	0.07	5.8	42	25.1
11665	0.03	0.27	4.6	0.8	1.5	16.3	0.02	0.03	0.8	0.753	0.02	0.29	355	<0.05	2.58	27	11.2
11666	0.03	0.3	4.4	0.8	1.3	14	0.03	0.02	0.7	0.643	<0.02	0.29	299	<0.05	2.22	22	9
11667	0.03	0.32	4.6	0.7	1.6	11.2	0.06	0.02	0.8	0.702	0.02	0.25	366	<0.05	1.95	18	13.6
11668	0.04	0.2	12.2	1.4	1.1	16.2	0.06	0.03	1.6	0.532	0.03	0.56	241	0.06	6.19	53	20.2
11669	0.1	0.13	20.2	2.4	0.9	21.5	0.03	0.04	1.6	0.575	0.03	0.71	225	0.08	11.9	52	39.9
11670	0.05	0.32	8.6	1.4	1.4	12.8	0.04	0.03	1.1	0.841	0.03	0.36	337	<0.05	3.53	34	24
11671	0.03	0.13	6.6	1.6	0.8	25.4	0.01	0.02	0.8	0.587	0.04	0.49	179	0.09	9.07	73	6.7
11672	0.04	0.25	5.2	1.4	1.3	15.8	0.01	0.03	0.7	0.638	0.02	0.41	320	0.05	9.19	37	5.8
11673	0.05	0.15	14	2.8	0.7	18.1	0.06	0.04	1.5	0.474	0.02	0.49	182	0.13	7.45	46	26.1
11674	0.06	0.35	6	1.3	1.2	9.1	0.14	0.03	1.1	0.656	<0.02	0.3	322	<0.05	2	17	16
11675	0.15	0.19	24.3	3.4	0.9	10.7	0.04	0.04	2	0.546	<0.02	0.76	212	0.07	12.85	28	37.3
11676	0.02	0.15	9.7	1.1	0.9	15.4	0.08	0.03	1.3	0.597	<0.02	0.32	226	0.09	5.98	25	17.3
11677	0.04	0.2	10.1	1.4	1.3	10.8	0.06	0.03	1.9	0.639	<0.02	0.48	310	<0.05	4.25	19	22
11678	0.11	0.15	16	2.8	0.7	9	0.06	0.03	3.4	0.378	0.02	0.7	169	0.1	5.81	22	36.6
11679	0.05	0.16	10.6	1.5	0.8	11.8	0.05	0.04	2.3	0.346	0.02	0.55	154	0.1	5.65	29	16
11680	0.1	0.18	8.6	1.8	0.8	9.8	0.07	0.09	1.4	0.458	0.02	0.37	203	0.11	5.99	26	12.6
11681	0.08	0.26	7.7	1.8	1.3	10.9	0.14	0.08	1.5	0.714	<0.02	0.35	294	0.14	2.35	17	22.4
11682	0.06	0.14	13.9	1.9	0.7	15.6	0.09	0.13	1.9	0.411	0.02	0.65	141	0.18	11.9	28	21.6
11683	0.08	0.35	10	1.5	1.2	10.6	0.09	0.06	1.6	0.491	0.02	0.44	238	0.08	4.96	31	18.7
11684	0.07	0.16	11.4	1.5	0.8	18	0.08	0.07	1.5	0.525	0.02	0.32	183	0.15	4.65	31	26.1
11685	0.08	0.14	13	2.4	0.9	21.5	0.09	0.13	1.4	0.56	0.02	0.43	203	0.19	12.6	65	19.1
11686	0.09	0.14	17.6	2.5	0.7	16.3	0.02	0.14	1.5	0.48	0.02	0.44	185	0.13	12.35	47	28.4
11687	0.06	0.22	4.8	1.2	1.5	15	0.08	0.07	0.6	0.705	0.02	0.28	359	0.06	2.65	27	8.2
11688	0.08	0.1	18.8	3.1	0.6	18.8	0.02	0.17	1.2	0.401	0.03	0.59	156	0.17	16	50	19.8
11689	0.09	0.17	12.8	3.1	0.8	14.5	0.11	0.12	1.3	0.427	0.03	0.5	162	0.15	5.98	46	25.8
11690	0.1	0.28	11.2	2.3	1	15.4	0.07	0.09	1.6	0.578	0.02	0.49	224	0.09	5.12	40	38.1
11691	0.08	0.19	12.3	2.5	0.7	14.1	0.04	0.11	1.5	0.424	0.02	0.47	167	0.11	5.08	43	30.7
11692	0.06	0.22	9.6	5.5	1.1	21.1	0.06	0.21	0.9	0.518	0.03	0.5	251	0.1	11.05	50	8.7
11693	0.07	0.26	7.8	1.9	1.4	14.5	0.12	0.09	1.2	0.651	0.02	0.38	313	0.05	3.13	48	18.7
11694	0.05	0.17	7.9	1.5	1.2	20.2	0.06	0.07	1.2	0.662	0.02	0.34	270	0.07	4.75	35	15
11695	0.1	0.2	10.1	2.8	0.7	13.4	0.11	0.15	0.9	0.434	0.03	0.52	176	0.1	8.09	32	10.4
11696	0.08	0.17	8.9	2.1	1.1	17.1	0.11	0.1	1.3	0.638	0.02	0.43	268	0.07	6.57	34	15.7
11697	0.08	0.16	14	2.7	0.9	15.6	0.03	0.12	1.5	0.556	0.02	0.42	210	0.07	7.3	52	30.4
11698	0.07	0.15	7.2	2.2	0.9	14	0.1	0.11	1.2	0.407	0.02	0.41	181	0.08	5.46	35	11.3
11699	0.12	0.13	13.3	2.3	0.9	16.4	0.08	0.19	1.9	0.494	0.02	0.59	191	0.07	13.95	34	23.8
11700	0.13	0.13	10.8	1.8	0.8	12.7	0.03	0.11	1.7	0.498	0.02	0.49	188	0.09	6.24	27	26.5
11701	0.07	0.17	6.2	1.5	1.2	21.7	0.01	0.14	0.5	0.641	0.02	0.43	309	<0.05	5.32	23	4.4
11702	0.07	0.2	6.7	1.8	1	13.9	0.09	0.1	1.4	0.448	<0.02	0.4	189	0.05	4.34	29	13.8
11703	0.11	0.15	11.5	3.3	0.8	9.4	0.14	0.2	0.9	0.526	0.02	0.49	256	0.05	9.35	19	18.7
11704	0.08	0.17	10.4	1.9	0.9	13.9	0.08	0.13	1.5	0.543	0.02	0.45	219	0.06	6.71	27	19.7
11705	0.07	0.16	12.6	2.3	0.6	16.9	0.09	0.16	0.9	0.403	0.02	0.51	151	0.06	9.9	25	13.1
11706	0.06	0.16	8.5	2	0.9	10.8	0.08	0.1	1.5	0.499	<0.02	0.49	202	0.06	4.26	20	16.5
11707	0.07	0.18	8	3	0.8	10.5	0.12	0.12	1.5	0.376	<0.02	0.46	149	0.1	3.09	22	14.8
11708	0.06	0.13	8.7	1.9	0.7	16.1	0.07	0.13	1.5	0.377	0.03	0.5	134	0.14	4.81	39	13.9
11709	0.1	0.14	14.4	3.1	0.7	7.7	0.02	0.16	2.1	0.362	<0.02	0.54	128	0.12	7.22	21	30.4
11710	0.04	0.21	7.3	1.6	0.9	8	0.13	0.04	1.5	0.425	0.02	0.61	179	0.11	4.33	16	11.2
11711	0.03	0.16	8.1	1.6	0.7	10.6	0.08	0.04	1.4	0.313	0.02	0.59	132	0.21	4.68	27	11
11712	0.05	0.26	13.1	1.5	0.8	8.4	0.03	0.04	1.8	0.429	<0.02	0.57	178	0.11	7.75	30	22.3
11713	0.03	0.38	5.5	1.1	1.3	19.7	0.06	0.03	0.7	0.76	<0.02	0.35	333	<0.05	4.52	27	10.2
11714	0.02	0.15	7.8	1.3	0.9	11.2	0.15	0.02	1.4	0.527	<0.02	0.37	223	<0.05	3.43	20	15
11715	0.04	0.25	9.3	2.1	0.8	6.6	0.15	0.05	1.7	0.397	<0.02	0.64	164	0.12	5.48	21	16.9
11716	0.05	0.18	11.3	1.8	0.8	10	0.05	0.02	1.9	0.461	<0.02	0.56	179	0.08	7.56	23	21.5
11717	0.05	0.2	8.5	1.4	0.8	12.7	0.08	0.02	1.2	0.512	<0.02	0.41	198	<0.05	5.58	19	15.7
11718	0.09	0.13	13.8	2.2	0.4	13.6	0.03	0.04	1.4	0.345	<0.02	0.68	109	0.13	12.45	22	17.4
11719	0.07	0.12	14.2	2.2	0.6	7.3	0.05	0.05	2.3	0.371	<0.02	0.68	145	0.08	5.87	13	27.1
11801	0.06	0.18	10.1	1.8	0.7	14.4	0.06	0.04	1.9	0.431	<0.02	0.52	163	0.2	5.94	49	18
11802	0.17	0.13	10.7	2.3	0.7	11.9	0.09	0.04	2.3	0.409	<0.02	0.81	150	0.12	9.16	26	16.2
11803	0.06	0.13	9.2	1.8	0.7	10	0.15	0.03	1.4	0.511	<0.02	0.56	190	0.09	4.67	13	18
11804	0.04	0.07	7.3	1.7	0.5	19.6	0.03	0.03	0.9	0.303	<0.02	0.7	107	0.1	10.6	29	5.2
11805	0.06	0.09	10.7	1.3	0.6	16.1	0.04	0.03	2.2	0.382	<0.02	0.51	144	0.13	6.93	37	19.1
11806	0.07	0.18	9.7	1	1.2	29.7	0.1	0.03	1.3	0.998	<0.02	0.56	424	<0.05	5.05	36	23.8
11807	0.06	0.13	13.2	1.3	0.7	13.1	0.05	0.04	2	0.391	<0.02	0.59	170	0.07	8.68	26	19.9
11808	0.04	0.24	4.9	0.9	1	22.2	0.02	0.05	1.1	0.599	<0.02	0.37	249	0.07	5.24	49	7.8
11809	0.03	0.22	6.6	1.2	1.3	14.1	0.03	0.04	1.5	0.667	<0.02	0.44	296	<0.05	4.08	39	14.4
11810	0.05	0.22	6	0.7	1.7	11.8	0.1	0.04	0.9	0.705	<0.02	0.31	326	<0.05	3.05	22	13.8
11811	0.06	0.13	6.6	1.7	0.6	17.2	0.1	0.04	1	0.388	<0.02	0.53	137	0.11	6.95	23	7.9
11812	0.04	0.14	8.9	1.3	0.7	13.5	0.08	0.06	1.3	0.427	<0.02	0.55	165	0.11	9.42	30	10.4
11813	0.04	0.11	8.3	1.9	0.7	13.4	0.1	0.06	1.2	0.483	0.02	0.48	188	0.12	7.96	22	11.5

Soil Geochemistry		Method	WGHT	Au-TL42	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Analyte	Wgt	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Certificate #	Sample #	Unit	KG	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
VA10054379	11814		0.42	0.002	0.11	4.52	1.2	<0.2	<10	20	0.3	0.09	0.24	0.1	10.65	12.1	48	0.44
VA10054379	11815		0.68	0.001	0.12	2.41	1	<0.2	<10	30	0.24	0.19	0.31	0.15	7.6	9.2	58	0.42
VA10054379	11816		0.64	0.002	0.19	5.02	1.4	<0.2	<10	30	0.52	0.22	0.22	0.14	9.59	22.6	90	0.94
VA10054379	11817		0.4	0.002	0.06	4.17	1.6	<0.2	<10	30	0.4	0.15	0.21	0.13	13.05	7.6	40	0.49
VA10054379	11818		0.38	0.002	0.1	3.09	2	<0.2	<10	30	0.41	0.23	0.24	0.19	18.45	16.9	39	0.68
VA10054379	11819		0.4	0.003	0.15	6.97	2.3	<0.2	<10	30	0.6	0.06	0.2	0.23	26.4	8.2	41	0.45
VA10054379	11820		0.4	0.002	0.13	6.83	2	<0.2	<10	10	0.24	0.08	0.14	0.12	10.85	3.1	65	0.25
VA10054379	11821		0.42	0.004	0.09	7.22	2.1	<0.2	<10	20	0.39	0.09	0.22	0.16	16.85	5.4	55	0.47
VA10054379	11822		0.34	0.003	0.18	6.2	1.7	<0.2	<10	30	0.9	0.14	0.24	0.15	42.7	30.1	53	0.64
VA10054379	11823		0.4	0.003	0.12	5.77	1.8	<0.2	<10	30	0.45	0.11	0.24	0.17	16.85	7.2	54	0.51
VA10054379	11824		0.54	0.003	0.07	3.85	1.7	<0.2	<10	40	0.38	0.06	0.47	0.29	9.96	19.9	55	0.35
VA10054379	11825		0.42	0.004	0.35	10.8	3.4	<0.2	<10	20	0.7	0.11	0.13	0.15	16.5	6.8	80	0.6
VA10054379	11826		0.32	0.001	0.2	3.97	2	<0.2	<10	30	0.26	0.14	0.24	0.24	9.9	4.6	42	0.32
VA10058117	11720			0.005	0.16	7.53	3.2	<0.2	<10	20	0.81	0.1	0.27	0.14	34	7.4	70	0.58
VA10058117	11721			0.005	0.16	6.07	3.9	<0.2	<10	10	0.42	0.16	0.16	0.19	9.65	5.3	78	0.41
VA10058117	11722			0.002	0.1	3.1	2.5	<0.2	<10	10	0.25	0.15	0.18	0.18	7.21	3.7	41	0.28
VA10058117	11723			0.003	0.11	4.03	2.3	<0.2	<10	30	0.38	0.14	0.21	0.17	9.32	7.5	50	0.6
VA10058117	11724			0.003	0.14	4.33	3.2	<0.2	<10	10	0.17	0.19	0.15	0.21	7.29	3.4	83	0.31
VA10058117	11725			0.003	0.06	4.91	2.2	<0.2	<10	10	0.32	0.04	0.23	0.14	15.6	5.6	50	0.3
VA10058117	11726			0.003	0.1	5.07	1.8	<0.2	<10	10	0.34	0.07	0.21	0.15	9.52	4.4	52	0.33
VA10058117	11727			0.003	0.1	5.44	3.6	<0.2	<10	10	0.34	0.12	0.15	0.16	9.69	4.8	53	0.2
VA10058117	11728			0.003	0.03	3.64	5.6	<0.2	<10	30	0.38	0.07	0.35	0.16	22.9	7.1	27	0.37
VA10058117	11729			0.005	0.11	5.05	3.3	<0.2	<10	10	0.32	0.08	0.18	0.18	11.9	5.7	63	0.3
VA10058117	11730			0.004	0.05	5.39	2.7	<0.2	<10	10	0.5	0.1	0.21	0.24	10	7.9	66	0.52
VA10058117	11731			0.002	0.15	5.05	3.7	<0.2	<10	10	0.4	0.09	0.17	0.19	9.37	5.1	61	0.35
VA10058117	11732			0.005	0.07	4.72	3	<0.2	<10	20	0.3	0.14	0.26	0.16	12.4	10.2	51	0.51
VA10058117	11733			0.006	0.03	7.16	3	<0.2	<10	30	0.58	0.05	0.4	0.15	14.8	15.5	55	0.43
VA10058117	11734			0.002	0.03	5.03	2.1	<0.2	<10	10	0.33	0.08	0.18	0.12	8.03	12.5	58	0.2
VA10058117	11735			0.003	0.12	3.97	1.8	<0.2	<10	30	0.34	0.13	0.2	0.15	11.4	8.9	50	0.43
VA10058117	11736			0.003	0.06	4.74	2.6	<0.2	<10	10	0.24	0.22	0.15	0.12	6.55	4.5	83	0.3
VA10058117	11737			0.002	0.13	1.81	1.4	<0.2	<10	20	0.23	0.21	0.31	0.15	8.35	10.8	33	0.29
VA10058117	11738			0.002	0.08	3.76	1.5	<0.2	<10	20	0.26	0.09	0.21	0.17	8.77	5.5	48	0.29
VA10058117	11739			0.003	0.06	4.79	1.7	<0.2	<10	20	0.34	0.04	0.3	0.14	12.15	10.7	54	0.5
VA10058117	11740			0.003	0.02	6.16	2	<0.2	<10	10	0.43	0.06	0.23	0.14	10.35	8.3	65	0.59
VA10058117	11741			0.004	0.14	4.55	2.3	<0.2	<10	10	0.15	0.09	0.13	0.15	7.49	2.7	52	0.22
VA10058117	11742			0.004	0.14	5.66	2.5	<0.2	<10	20	0.45	0.06	0.27	0.26	23.4	7.8	60	0.44
VA10058117	11743			0.004	0.05	5.7	2.3	<0.2	<10	10	0.32	0.09	0.18	0.15	12.8	4.7	58	0.45
VA10058117	11744			0.003	0.07	5.2	2	<0.2	<10	20	0.34	0.09	0.19	0.15	9.79	5.5	58	0.39
VA10058117	11745			0.003	0.05	3.74	2.1	<0.2	<10	10	0.3	0.13	0.16	0.13	8.91	4.2	44	0.36
VA10058117	11746			0.003	0.11	5.81	2.3	<0.2	<10	10	0.28	0.07	0.16	0.15	14.65	3.8	62	0.29
VA10058117	11747			0.002	0.18	5.34	2.4	<0.2	<10	40	0.72	0.09	0.32	0.23	18.7	29.5	45	0.65
VA10058117	11748			0.004	0.04	6.58	2.3	<0.2	<10	20	0.48	0.06	0.21	0.17	13.65	10.6	64	0.65
VA10058117	11749			0.002	0.02	6.3	2	<0.2	<10	10	0.42	0.06	0.22	0.05	11.8	5.7	59	0.25
VA10058117	11750			0.004	0.04	2.61	2	<0.2	<10	20	0.26	0.14	0.33	0.11	5.07	5.3	52	0.26
VA10058117	11827			0.003	0.08	4.73	1.8	<0.2	<10	20	0.39	0.05	0.21	0.2	16.1	6.5	41	0.49
VA10058117	11828			0.002	0.09	5.78	2	<0.2	<10	30	0.69	0.1	0.24	0.21	16	12.7	60	0.5
VA10058117	11829			0.004	0.08	3.54	1.2	<0.2	<10	10	0.15	0.15	0.15	0.11	6.19	4	64	0.3
VA10058117	11830			0.005	0.24	5.73	3.7	<0.2	<10	20	0.25	0.05	0.25	0.26	16.65	7.3	64	0.36
VA10058117	11831			0.014	0.13	3.58	2.6	<0.2	<10	10	0.13	0.17	0.18	0.14	4.78	4.7	93	0.23
VA10058117	11832			0.004	0.05	7.19	4.3	<0.2	<10	10	0.36	0.17	0.23	0.16	8.73	5.5	97	0.55
VA10058117	11833			0.005	0.08	6.19	3.9	<0.2	<10	20	0.52	0.06	0.28	0.23	18.5	12.1	72	0.69
VA10058117	11834			0.004	0.1	6.03	3.2	<0.2	<10	10	0.53	0.1	0.19	0.23	10.75	8.5	70	0.41
VA10058117	11835			0.004	0.19	5.65	4.2	<0.2	<10	10	0.47	0.1	0.25	0.36	13.1	12.5	71	0.59
VA10058117	11836			0.003	0.1	6.4	5.6	<0.2	<10	20	0.46	0.06	0.29	0.18	21.6	17.9	66	0.62
VA10058117	11837			0.005	0.13	4.53	4.5	<0.2	<10	30	0.44	0.19	0.26	0.3	12.1	42.3	43	0.95
VA10058117	11838			0.005	0.14	7.12	3.4	<0.2	<10	20	0.51	0.06	0.24	0.22	15.65	13.2	74	0.63
VA10058117	11839			0.003	0.12	2.04	2.3	<0.2	<10	<10	0.14	0.22	0.2	0.11	6.07	4.3	50	0.14
VA10058117	11840			0.005	0.16	5.8	2.5	<0.2	<10	10	0.28	0.07	0.25	0.24	12.15	9.6	92	0.43
VA10058117	11841			0.003	0.18	4.6	2.5	<0.2	<10	30	0.53	0.14	0.27	0.25	17.45	11.6	54	0.85
VA10058117	11842			0.001	0.16	3.97	1.8	<0.2	<10	20	0.59	0.11	0.29	0.24	23.3	34.9	38	0.69
VA10058117	11843			0.002	0.2	3.19	2.6	<0.2	<10	<10	0.16	0.18	0.17	0.22	7.82	4.2	54	0.19
VA10058117	11844			0.003	0.14	3.92	1.5	<0.2	<10	20	0.38	0.14	0.24	0.28	13.3	7.6	42	0.76
VA10058117	11845			0.003	0.14	5.02	2.6	<0.2	<10	10	0.4	0.09	0.2	0.18	11.6	4.9	44	0.34
VA10058117	11846			0.005	0.13	6.59	1.8	<0.2	<10	10	0.3	0.16	0.17	0.14	16	4.3	78	0.54
VA10058117	11847			0.003	0.09	5.21	2	<0.2	<10	10	0.19	0.09	0.18	0.12	9.12	3.7	55	0.22
VA10058117	11848			0.005	0.14	6.92	2.7	<0.2	<10	40	0.59	0.12	0.23	0.25	28.8	12.4	75	0.77
VA10058117	11849			0.003	0.1	2.24	1.6	<0.2	<10	<10	0.12	0.16	0.22	0.09	6.13	3.5	66	0.36
VA10058117	11850			0.003	0.07	3.89	1.6	<0.2	<10	20	0.36	0.07	0.26	0.16	15.25	10.4	38	0.61
VA10058117	11851			0.003	0.09	3.89	1.5	<0.2	<10	10	0.46	0.1	0.23	0.21	14.65	14.3	44	0.34
VA10058117	11852			0.004	0.06	6.22	2	<0.2	<10	20	0.44	0.09	0.21	0.13	16.55	11.7	52	0.54
VA10058117	11853			0.003	0.1	6.44	1.9	<0.2	<10	10	0.45	0.09	0.17	0.19	11.7	6	55	0.26
VA10058117	11854			0.003	0.15	6.36	4	<0.2	<10	<10	0.42	0.07	0.22	0.25	14.4	12.5	59	0.27
VA10058117	11855			0.003	0.22	2.28	1.4	<0.2	<10	10	0.18	0.21	0.21	0.16	6.84	8.2	57	0.32
VA10058117	11856			0.004	0.17	6.15	3.4	<0.2	<10	10	0.42	0.05	0.29	0.24	18.55	14.4	58	0.57
VA10058117	11857			0.003	0.1	5.7	2.8	<0.2	<10	<10	0.34	0.07	0.22	0.2	12.1	6.3	61	0.31
VA10058117	11858			0.004	0.27	6.32	2.7	<0.2	<10	<10	0.37	0.08	0.24	0.2	12.2	6.6	70	0.44
VA10058117	11859			0.004	0.24	4.2	3.4	<0.2	<10	10	0.48	0.13	0.31	0.39	12.3	11.2	57	0.69
VA10058117	11860			0.004	0.18	7.54	3	<0.2	<10	10	0.51	0.07	0.21	0.17	22.4	8.5	76	0.47
VA10058117	11861			0.003	0.17	3.16	1.7	<0.2	<10	10	0.28	0.13	0.25	0.13	9.1	10.5	47	0.58
VA10058117	11862			0.005	0.32	4.23	1.6	<0.2	<10	10	0.39	0.15	0.22	0.17	12.5	8.3	53	0.58
VA10058117	11863			0.003	0.07	1.87	0.8	<0.2	<10	<10	0.08	0.22	0.15	0.07	4.11	2.5	60	0.12
VA10058117	11864			0.003	0.18	4.26	3	<0.2	<10	10	0.24	0.14	0.25	0.2	8.66	6.6	55	0.6
VA10058117	11865			0.005	0.11	3.71	2.2	<0.2	<10	<10	0.17	0.14	0.15	0.17	6.09	3.4	54	0.47
VA10058117	11866			0.003	0.19	5.3	4	<0.2	<10	10	0.48	0.11	0.26	0.26	18.25	7.4	49	0.36
VA10058117	11867			0.002	0.15	4.96	3	<0.2	<10	50	0.41	0.06	0.14	0.09	15.2	7.1	34	0.45
VA10058117	11868			0.002	0.21	5.61	1.9	<0.2	<10	20	0.4	0.09	0.24	0.15	14.7	6.5	45	0.51
VA10058117	11869			0.002	0.1	3.91	1.5	<0.2	<10	30	0.34	0.07	0.27	0.13	15.3	6.6	40	0.36
VA10058117	11870			0.003	0.11	4.81	2.3	<0.2	<10	20	0.43	0.09	0.24	0.21	23	7.6	49	0.77
VA10058117	11871			0.002	0.13	4.13	1.6	<0.2	<10	20	0.29	0.12	0.3	0.17	11.9	5.9	49	0.3
VA10058117	11872			0.003	0.24	6.32	2.4	<0.2	<10	20	0.73	0.14	0.2	0.24	23.5	10.3	49	0.77
VA10058117	11873			0.002	0.19	3.32	1.4	<0.2	<10	10	0.25	0.15	0.28	0.14	11.25	6.1	43	0.45
VA10058117	11874			0.002	0.1	2.94	1.5	<0.2	<10	20	0.22	0.04	0.16	0.14	13.45	5.3	25	0.32
VA10058117	11875			0.003	0.22	5.53	2	<0.2	<10	30	0.47	0.09	0.31	0.3	22.5	10.5	49	0.53
VA10058117	11876			0.004	0.13	4.77	1.9	<0.2	<10	10	0.38	0.09	0.24	0.23	13.7	6.3	49	0.45
VA10058117	11877			0.003	0.33	4.98	3.1	<0.2	<10	20	0.32	0.16	0.26	0.31	12.35	10.4	52	0.67
VA10058117	11878			0.003	0.2	4.53	2.2	<0.2	<10	10	0.37	0.13	0.25	0.26	14.3	7.5	55	0.52
VA10058117	11879			0.002	0.24	3.59	3.7	<0.2	<10	20	0.35	0.13	0.29	0.34	12.55	13.8	47	0.6
VA10058117	11880			0.004	0.16	5.54	3.4	<0.2	<10	<10	0.3	0.12	0.18	0.3	12.8	5.2	75	0.35
VA10058117	11881			0.001	0.39	3.88	2.7	<0.2	<10	20	0.41	0.15	0.33	0.31	11.6	20.7	48	0.76
VA10058117	11882			0.003	0.31	3.95	2.8	<0.2	<10	10	0.43	0.11	0.32	0.25	12.55	13.1	46	0.76
VA10058117	11883			0.006	0.13	7.93	5	<0.2	<10	10	0.53	0.06	0.29	0.29	30.4	11.8	62	0.59
VA10058117	11884			0.003	0.27	4.66	3.5	<0.2	<10	<10	0.18	0.14	0.19	0.26	11.4	4.4	81	0.17
VA10058117	11885			0.005	0.21	7.95	3.2	<0.2	<10	<10	0.29	0.1	0.21	0.24	14.1	7	122	0.44
VA10058117	11886			0.003	0.16	5.75	3.9	<0.2	<10	10	0.27	0.12	0.22	0.23	14.65	7	71	0.4
VA10058117	11887			0.002	0.23	5.17	3.6	<0.2	<10	20	0.43	0.13	0.27	0.31	14.15	12.5	54	0.91
VA10058117	11888			0.003	0.37	5.11	3.6	<0.2	<10	10	0.3	0.14	0.17	0.39	9.26	7	57	0.35
VA10058117	11889			0.003	0.19	5.18	2.9	<0.2	<10	10	0.4	0.12	0.25	0.3	14.3	11.5	54	0.62
VA10058117	11890			0.002	0.15	4.45	3.5	<0.2	<10	<10	0.22	0.11	0.19	0.33	10.9	4	53	0.25
VA10058117	11891			0.004	0.14	6.9	3.2	<0.2	<10	10	0.28	0.09	0.2	0.19	16.45	6.3	64	0.28
VA10058117	11892			0.001	0.2	3.15	2.3	<0.2	<10	30	0.34	0.15	0.44	0.43	10.65	12.6	52	0.53
VA10058117	11901			0.002	0.11	3.82	2	<0.2	<10	<10	0.21	0.13	0.23	0.2	9.57	3.7	51	0.29
VA10058117	11902			0.002	0.1	1.91	1.6	<0.2	<10	10	0.27	0.16	0.33	0.18	8.71	9.8	33	0.34
VA10058117	11903			0.004	0.15	2.16	2.1	<0.2	<10	<10	0.1	0.23	0.14	0.16	4.87	2.8	50	0.19
VA10058117	11904			0.002	0.07	3.82	1.8	<0.2	<10	<10	0.15	0.12	0.19	0.11	7.59	3.2	65	0.24
VA10058117	11905			0.003	0.15	5.97	2.4	<0.2	<10	10	0.18	0.08	0.17	0.16	10.95	4.6	73	0.43
VA10058117	11906			0.002	0.1	4.99	2.6	<0.2	<10	10	0.3	0.06	0.13	0.12	17	5.4	38	0.28
VA10058117	11907			0.003	0.17	6.82	3	<0.2	<10	20	0.41	0.07	0.27	0.23	13.2	7.5	51	0.44
VA10058117	11908			0.003	0.12	7.84	2.4	<0.2	<10	10	0.51	0.07	0.18	0.17	20.1	6	61	0.52
VA10058117	11909			0.002	0.12	4.88	2.8	<0.2	<10	10	0.25	0.15	0.19	0.21	13.6	4.7	49	0.36
VA10058117	11910			0.002	0.11	5.79	2	<0.2	<10	10	0.33	0.1	0.26	0.17	20.1	8.3	60	0.59
VA10058117	11911			0.002	0.09	5.21	2.1	<0.2	<10	20	0.41	0.1	0.22	0.13	17.35	6.7	45	0.47
VA10058117	11912			0.002	0.13	5.91	2.4	<0.2	<10	<10	0.21	0.13	0.13	0.11	10.25	2.9	60	0.26
VA10058117	11913			0.002	0.1	3.59	1.6	<0.2	<10	20	0.33	0.19	0.2	0.12	11.35	6.1	36	0.69
VA10058117	11914			0.002	0.11	4.2	1.9	<0.2	<10	10	0.18	0.14	0.19	0.13	8.84	4.5	67	0.26
VA10058117	11915			0.002	0.14	4.48	2.1	<0.2	<10	30	0.62	0.12	0.24	0.25	37.8	19.5	47	0.72
VA10062015	11581			0.01	0.1	7.64	4.1	<0.2	<10	20	0.26	0.12	0.17	0.18	11.8	5.6	77	0.86
VA10062015	11582			0.007	0.19	3.58	2.6	<0.2	<10	30	0.29	0.24	0.25	0.25	7.63	9	52	1.33
VA10062015	11583			0.002	0.19	2.26	1.8	<0.2	<10	20	0.14	0.2	0.24	0.22	7.05	5.4	48	0.39
VA10062015	11584			0.002	0.06	3.86	3.1	<0.2	<10	10	0.19	0.18	0.26	0.24	7.13	4.9	57	0.79
VA10062015	11585			0.002	0.03	0.82	2.2	<0.2	<10	10	<0.05	0.29	0.17	0.11	5.05	2.1	30	0.11
VA10062015	11586			0.015	0.05	0.62	1	<0.2	<10	10	0.06	0.29	0.22	0.09	5.16	1.9	17	0.18
VA10062015	11587			0.002	0.06	2.36	3.8	<0.2	<10	10	0.05	0.4	0.12	0.13	5.06	2	80	0.17

Soil Geochemistry		ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb
Certificate #	Sample #	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
VA10054379	11814	41.4	4.96	11.4	0.05	0.49	0.2	0.036	0.01	3.5	4.2	0.23	514	0.77	0.01	4.5	11.3	290	3	1.7	0.001	0.13	0.08
VA10054379	11815	45.4	5.75	15.8	0.06	0.27	0.14	0.04	0.01	3.3	3.8	0.23	253	0.55	0.01	4.06	11.1	310	6.5	1.3	<0.001	0.03	0.14
VA10054379	11816	159.5	8.3	19.05	0.06	0.53	0.16	0.068	0.01	3.8	10.2	0.23	146	0.89	0.01	5.14	16.8	490	6.4	2.5	0.001	0.04	0.18
VA10054379	11817	39.7	4.2	14.2	0.05	0.16	0.1	0.045	0.01	5.1	5.3	0.19	207	1.64	0.01	4.33	11.1	300	6.6	1.7	<0.001	0.04	0.17
VA10054379	11818	37.8	5.53	15.65	0.05	0.18	0.14	0.051	0.01	3.6	7.2	0.22	279	1.85	0.01	4.7	12.9	280	9.6	2.3	<0.001	0.04	0.26
VA10054379	11819	52	3.71	8.6	0.06	0.37	0.25	0.038	0.01	6.1	3.8	0.25	165	0.65	0.01	3.71	13.7	490	3.1	1.5	<0.001	0.06	0.1
VA10054379	11820	33.7	4.52	11.25	0.07	0.53	0.28	0.061	0.01	3.7	3.5	0.12	73	0.91	0.01	4.39	7	320	3.6	0.8	<0.001	0.07	0.11
VA10054379	11821	47.3	4.53	11.2	0.06	0.53	0.14	0.047	0.01	5.7	4.7	0.25	156	0.88	0.02	4.57	12.5	450	4	1.7	<0.001	0.07	0.1
VA10054379	11822	64.3	4.24	11.45	0.08	0.24	0.23	0.046	0.01	7.9	7.5	0.22	550	2.5	0.02	4.03	20	360	4.4	2.4	<0.001	0.1	0.12
VA10054379	11823	47.7	5.24	13.95	0.06	0.53	0.14	0.049	0.01	5.9	5.8	0.3	180	1.5	0.01	4.47	15.7	280	3.9	1.8	<0.001	0.1	0.1
VA10054379	11824	132.5	5.16	9.08	0.07	0.2	0.05	0.032	0.01	3.1	7.3	0.84	354	0.86	0.02	3.77	25.2	360	2.8	1.5	<0.001	0.04	0.12
VA10054379	11825	47.3	6.61	15.55	0.07	0.97	0.27	0.075	0.01	4.6	5.4	0.17	146	0.99	0.01	6.15	12.5	520	3.4	2.5	<0.001	0.14	0.14
VA10054379	11826	36.3	5.05	14.8	0.05	0.3	0.18	0.051	0.01	3.6	3	0.22	136	0.92	0.01	5.1	10.6	260	5.2	1.4	<0.001	0.05	0.16
VA10058117	11720	61.6	5.37	14.15	0.09	1.25	0.23	0.049	0.01	5.1	4.4	0.27	174	1.74	0.02	5.28	16.5	410	3.1	2.3	<0.001	0.13	0.21
VA10058117	11721	47	8.46	17.95	0.1	0.66	0.31	0.089	0.01	3.6	5.1	0.14	151	4.15	0.01	6.1	9.4	450	4.9	1.4	<0.001	0.07	0.25
VA10058117	11722	35.9	4.77	13.45	0.05	0.25	0.21	0.034	0.01	3	3.3	0.09	193	1.03	0.01	5.51	7.5	320	9.9	1.2	<0.001	0.04	0.32
VA10058117	11723	51.1	4.98	12.55	0.06	0.33	0.18	0.042	0.02	3.2	5.3	0.19	158	0.76	0.01	5.1	17.9	370	6.5	2	<0.001	0.04	0.27
VA10058117	11724	48.7	8.82	24.9	0.09	0.54	0.18	0.076	0.01	3.2	2.2	0.11	176	0.95	0.01	6.81	8.8	420	12	1.4	<0.001	0.05	0.59
VA10058117	11725	53	3.53	8.14	0.06	0.55	0.21	0.034	0.01	3.8	3.5	0.24	131	0.56	0.01	4.06	13.8	240	2	1.2	<0.001	0.04	0.13
VA10058117	11726	41.7	4.75	12.1	0.07	0.61	0.23	0.04	0.01	3	4.1	0.14	102	0.7	0.01	4.8	10.2	170	2.7	1.1	<0.001	0.04	0.14
VA10058117	11727	35.2	5.87	15.05	0.07	0.52	0.35	0.052	0.01	2.3	2.9	0.11	179	0.9	0.01	5.45	7.6	420	6.3	0.9	<0.001	0.06	0.37
VA10058117	11728	115.5	2.96	6.51	0.07	0.18	0.2	0.022	0.02	3.9	3.2	0.33	163	0.4	0.02	2.36	14.2	600	4.9	2.1	<0.001	0.04	0.31
VA10058117	11729	48.8	5.75	14.1	0.07	0.65	0.35	0.054	0.01	3.1	5.1	0.18	200	0.83	0.01	5.81	12.3	400	3.8	1.1	<0.001	0.06	0.22
VA10058117	11730	47.7	6.53	17.15	0.08	0.7	0.23	0.055	0.01	3.7	7.6	0.19	119	1.09	0.01	5.53	15.5	420	4.8	1.7	<0.001	0.06	0.23
VA10058117	11731	46.2	5.79	14	0.07	0.38	0.26	0.059	0.01	4.1	5.7	0.18	96	1.11	0.01	5.05	14.5	470	5	1.3	<0.001	0.05	0.26
VA10058117	11732	37.5	5.6	10.75	0.06	0.47	0.28	0.045	0.01	4.2	2.1	0.27	437	1	0.02	4.58	11.8	590	4.1	1.6	<0.001	0.08	0.18
VA10058117	11733	91.1	4.85	12	0.08	0.31	0.31	0.044	0.01	7.5	6.3	0.48	658	0.97	0.02	4.45	23.1	1190	2.8	1.9	<0.001	0.04	0.11
VA10058117	11734	41.9	6.01	15.4	0.07	0.36	0.28	0.05	0.01	3.3	3.9	0.15	519	0.64	0.01	5.01	11.1	570	4.2	0.9	<0.001	0.06	0.15
VA10058117	11735	49.3	5.97	17.25	0.07	0.33	0.24	0.046	0.01	4.1	4.6	0.18	347	0.74	0.01	5.68	13.2	440	5.7	2	<0.001	0.04	0.17
VA10058117	11736	40.1	11.15	30.4	0.11	0.61	0.28	0.103	0.01	3.1	3.3	0.15	107	0.95	0.01	6.86	9.1	420	7.2	1	<0.001	0.06	0.22
VA10058117	11737	25.2	5.14	19.5	0.06	0.14	0.16	0.039	0.01	3.6	4	0.11	195	1.11	0.01	5.09	8	240	8.7	1.2	<0.001	0.03	0.21
VA10058117	11738	41.2	5.81	13.35	0.06	0.31	0.17	0.046	0.01	2.9	4	0.18	113	0.78	0.01	5.15	10.7	280	3.6	1.1	<0.001	0.04	0.14
VA10058117	11739	61	4.33	9.31	0.07	0.58	0.21	0.039	0.01	2.6	6.2	0.46	203	0.49	0.02	4.13	24.3	290	1.9	1.9	<0.001	0.03	0.08
VA10058117	11740	45.3	5.24	12.1	0.07	0.73	0.24	0.049	0.01	3.6	6.2	0.27	187	0.58	0.01	4.55	16.5	330	2.9	1.9	<0.001	0.05	0.13
VA10058117	11741	32.6	5.16	14.15	0.07	0.54	0.36	0.051	0.01	3.1	2.6	0.1	75	0.7	0.01	5.16	6.1	210	4.3	0.9	<0.001	0.06	0.21
VA10058117	11742	61.9	4.06	10.35	0.08	0.6	0.28	0.041	0.01	3.8	4.8	0.33	227	0.83	0.02	4.46	20.7	290	3.9	1.5	<0.001	0.05	0.16
VA10058117	11743	27.6	3.78	10.7	0.06	0.72	0.23	0.041	0.01	3.2	5.4	0.16	118	0.76	0.01	4.29	11.5	260	3.8	1.6	<0.001	0.07	0.15
VA10058117	11744	45.7	5.06	13.5	0.07	0.51	0.27	0.046	0.01	3.4	4.8	0.16	140	0.68	0.01	5.03	12.2	300	3.5	1.3	<0.001	0.04	0.15
VA10058117	11745	34	5.31	16.4	0.07	0.33	0.23	0.043	0.01	3	4.3	0.13	107	1.03	0.01	5.58	9.2	180	5	1.2	<0.001	0.04	0.19
VA10058117	11746	33.7	4.2	11.6	0.07	0.49	0.26	0.049	0.01	4.1	3.9	0.13	95	0.76	0.01	4.62	10	330	3.3	1.1	<0.001	0.05	0.13
VA10058117	11747	38.7	3.29	9.66	0.06	0.25	0.23	0.038	0.01	3.4	7.8	0.26	397	2.52	0.02	3.86	23.5	390	4.6	2.1	<0.001	0.04	0.19
VA10058117	11748	51.4	5.26	12.75	0.07	0.68	0.28	0.049	0.01	2.5	5.8	0.23	326	0.67	0.01	5.08	17.3	580	2.8	1.8	<0.001	0.04	0.13
VA10058117	11749	43.6	4.41	10.2	0.06	0.64	0.15	0.042	0.01	3.1	3.4	0.17	111	0.55	0.01	4.18	11.9	240	2.6	1	<0.001	0.06	0.14
VA10058117	11750	26.6	6.93	19.5	0.08	0.26	0.1	0.049	0.01	2.2	3.9	0.13	120	0.75	0.01	5.81	8.9	360	5.1	1.3	<0.001	0.03	0.22
VA10058117	11827	56.2	3.86	9.39	0.07	0.47	0.25	0.033	0.01	3.3	5	0.26	148	0.62	0.02	4.3	14.5	200	2.9	1.7	<0.001	0.03	0.12
VA10058117	11828	75.5	5.68	14.65	0.08	0.49	0.19	0.05	0.01	5	7.9	0.3	183	0.82	0.02	5.49	24.3	280	4.4	1.9	<0.001	0.04	0.18
VA10058117	11829	44.2	9.68	28.8	0.1	0.58	0.12	0.069	0.01	2.4	2.2	0.12	96	0.81	0.01	6.75	7.4	230	5.4	1	<0.001	0.04	0.22
VA10058117	11830	102.5	5.21	11.85	0.08	0.68	0.33	0.056	0.01	3	5.7	0.33	156	0.61	0.02	4.89	17.2	370	3.4	1.6	<0.001	0.07	0.2
VA10058117	11831	31.9	11.4	34.1	0.12	0.61	0.22	0.106	0.01	2.3	2.9	0.18	109	0.65	0.01	7.6	10.2	400	8.7	1.1	<0.001	0.05	0.3
VA10058117	11832	45.5	8.58	22.6	0.1	1	0.34	0.1	0.01	3.2	6.8	0.21	138	0.75	0.01	5.59	14	570	8.6	2	<0.001	0.06	0.4
VA10058117	11833	86.4	5.63	13	0.08	0.75	0.27	0.054	0.01	3.7	8.7	0.46	270	0.9	0.02	5.08	28.3	570	4.1	3	<0.001	0.06	0.18
VA10058117	11834	66.5	8.47	23.1	0.09	0.74	0.37	0.073	0.01	3.9	6.9	0.21	192	0.89	0.01	6.77	13.3	490	4.4	1.4	<0.001	0.13	0.2
VA10058117	11835	46.1	5.85	15.35	0.07	0.52	0.29	0.054	0.01	4.1	7.8	0.24	633	1.06	0.03	4.77	18.4	590	5.4	1.9	0.001	0.03	0.2
VA10058117	11836	70.9	5.59	14.85	0.11	0.68	0.23	0.051	0.01	6.6	6.1	0.42	381	1.33	0.03	4.23	26.8	640	3.5	2.5	0.001	0.02	0.18
VA10058117	11837	39.1	3.4	17.4	0.06	0.22	0.41	0.05	0.02	4.7	9.1	0.31	1020	2.3	0.03	3.69	15.6	630	7.2	2.7	<0.001	0.03	0.24
VA10058117	11838	89.2	5.92	13.9	0.12	0.95	0.19	0.058	0.01	3.8	8.3	0.48	214	0.88	0.03	4.62	28.8	360	3.1	2	<0.001	0.04	0.15
VA10058117	11839	30	7.29	30.8	0.11	0.32	0.13	0.042	0.01	2.7	1.3	0.14	116	1.05	0.03	5.09	8.5	320	7.1	0.8	0.001	<0.01	0.32
VA10058117	11840	77.2	7.97	16.5	0.15	0.95	0.28	0.067	0.01	3	5.7	0.45	167	1.12	0.03	5.05	20.1	350	2.5	1.4	<0.001	0.03	0.13
VA10058117	11841	64.8	6.06	16.25	0.11	0.47	0.19	0.051	0.02	5.5	7.2	0.35	235	2.92	0.03	4.81	21.1	270	5.7	2.8	<0.001	<0.01	0.21
VA10058117	11842	47.4	3.07	9.92	0.06	0.08	0.2	0.078	0.01	4.2	6.5	0.24	899	2.49	0.03	2.54	18	380	4	1.6	0.001	0.02	0.15
VA10058117	11843	26.4	6.17	19.9	0.1	0.3	0.24	0.046	0.01	3.6	2.3	0.12	201	0.75	0.03	4.69	8.3	280	9.3	0.9	<0.001	0.01	0.37
VA10058117	11844	40.1	3.89	13.65	0.06	0.34	0.14	0.038	0.01	4	7.6	0.31	218	1.98	0.03	4.16	13.7	270	4.8	2.7	0.001	0.01	0.17
VA10058117	11845	44.3	4.35	11.1	0.06	0.49	0.31	0.036	0.01	2.8	4.4	0.2	135	0.77	0.03	4.17	10.6	380	3.2	1.2	<0.001	0.03	0.14
VA10058117	11846	42.7	7.81	25.3	0.12	0.86	0.23	0.076	0.01	4.7	4.4	0.15	114	1.18	0.02	4.22	8.9	300	5.8	1.8	0.001	0.03	0.14
VA10058117	11847	32.8	5.23	15.3	0.08	0.33	0.25	0.047	0.01	3.3	2.3	0.14	104	0.87	0.02	3.83	7.1	340	3.7	0.7	<0.001	0.02	0.13
VA10058117	11848	73.4	6.14	14.35	0.09	0.8	0.19	0.055	0.01	4.6	8.1	0.44	254	1.62	0.03	5.04	22.6	400	4.5	2.4	0.001	0.04	0.2
VA10058117	11849	29.8	7.86	30.9	0.11	0.4	0.14	0.052	0.01	2.5	1.7	0.16	123	0.76	0.02	5.39	6.6	370	7.5	1.1	<0.001	0.01	0.18
VA10058117	11850	39.8	4.31	10	0.08	0.41	0.16	0.03	0.01	3.2	5.3	0.33	227	0.91	0.03	3.21	17.2	270	3.2	2.6	0.001	<0.01	0.1
VA10058117	11851	39	6.2	14.25	0.1	0.39	0.25	0.052	0.01	4.5	4	0.27	252	1.33	0.03	4.22	11	360	3.6	1.1	0.001	0.04	0.12
VA10058117	11852	55.1	5.19	12.15	0.09	0.63	0.28	0.044	0.01	4.5	5.6	0.27	316	0.92	0.03	4.51	14.4	500	3.5	2.1	<0.001	0.02	0.1
VA10058117	11853	40.1	6.26	15.3	0.1	0.42	0.33	0.052	0.01	5	4.1	0.13	213	0.81	0.03	5.12	7.4	500	2.9	1	<0.001	0.03	0.1
VA10058117	11854	67.3	6.21	14.3	0.11	0.53	0.45	0.058	0.01	4.3	3.7	0.26	877	0.76	0.03	4.49	13	640	3	1.1	0.001	0.03	0.2
VA10058117	11855	24.8	7.23	20.4	0.1	0.18	0.24	0.057	0.01	3.5	2.7	0.1	1850	0.68	0.02	4.43	6.3	600	7.1	1.2	<0.001	0.01	0.19
VA10058117	11856	59.9	5.51	13.65	0.11	0.75	0.32	0.055	0.01	4.2	4.5	0.43	381	0.88	0.03	4.26	19.1	590	2.8	1.9	<0.001	0.03	0.13
VA10058117	11857	42.7	5.78	13.6	0.09	0.66	0.25	0.052	0.01	4.1	4.6	0.22	170	0.77	0.03	5.02	12.9	420	3.3	1.2	<0.001	0.02	0.17
VA10058117	11858	48.7	6.12	14.65	0.11	0.76	0.43	0.063	0.01	3.1	4.9	0.22	229	0.99	0.03	4.73	12.7	510	3.2	1.5	<0.001	0.02	0.16
VA10058117	11859	51.4	6.87	17.55	0.12	0.49	0.27	0.061	0.01	5.3	6.1	0.34	253	1.5	0.03	5.31	18.7	510	5.6	2.4	<0.001	0.02	0.25
VA10058117	11860	57.6	6.35	14.25	0.13	1.05	0.36	0.062	0.01	6.4	5.3	0.3	162	0.92	0.03	4.93	19.4	350	2.4	1.7	<0.001	0.05	0.18
VA10058117	11861	37.9	5.62	13.25	0.09	0.28	0.21	0.041	0.01	4	4.8	0.24	266	0.87	0.03	5	11	340	3.7	2	<0.001	0.01	0.14
VA10058117	11862	44.9	5.39	14.6	0.08	0.44	0.23	0.041	0.01	3.9	5.6	0.22	221	1.29	0.03	5.46	11.8	450	4.3	2.2	<0.001	0.02	0.14
VA10058117	11863	23.2	8.86	36.7	0.13	0.37	0.07	0.057	0.01	1.9	1	0.07	84	0.98	0.02	3.72	4.5	180	7.1	0.7	0.001	<0.01	0.23
VA10058117	11864	28.9	5.2	15	0.08	0.45	0.28	0.05	0.01	2.6	5	0.16	279	1.11	0.03	4.44	9.6	280	4.6	1.7	<0.001	0.01	0.19
VA10058117	11865	30.4	6.19	19.65	0.11	0.57	0.19	0.051	0.01	2.6	4.2	0.13	102	0.76	0.03	5.13	7.7	290	5.3	1.6	<0.001	0.02	0.24
VA10058117	11866	47.7	4.61	12.85	0.1	0.44	0.26	0.042	0.02	5.4	4.7	0.29	204	1.63	0.03	4.36	15.5	370	7.7	2	<0.001	0.17	0.23
VA10058117	11867	50.8	4.24	11.7	0.08	0.25	0.24	0.027	0.01	2.9	6.1	0.22	154	0.61	0.04	2.98	15.1	710	2.5	2.6	<0.001	0.09	0.11
VA10058117	11868	39.5	4.62	12.6	0.09	0.35	0.2	0.045	0.02	6	4.9	0.24	182	1.93	0.03	4.26	13	530	3.7	3.1	<0.001	0.11	0.11
VA10058117	11869	42.7	3.94	11	0.07	0.38	0.14	0.035	0.01	4.3	4.6	0.25	176	0.64	0.03	3.82	13.9	250	2.9	1.7	<0.001	0.08	0.11
VA10058117	11870	44.7	3.74	9.72	0.07	0.49	0.15	0.037	0.01	5.8	5.9	0.27	208	0.93	0.03	3.74	17.3	320	3.7	2.9	0.001	0.08	0.18
VA10058117	11871	43.2	5.74	15.45	0.06	0.32	0.21	0.045	0.02	4.7	3.5	0.2	138	1.12	0.02	4.95	10.6	340	4	1.5	<0.001	0.02	0.14
VA10058117	11872	74.1	4.63	15.2	0.06	0.43	0.39	0.045	0.02	7.1	6.8	0.3	203	1.92	0.02	4.92	16.2	600	4.5	2.4	<0.001	0.05	0.14
VA10058117	11873	41.5	5.27	15.25	0.06	0.28	0.2	0.037	0.01	4.5	3.9	0.2	179	0.81	0.02	4.19	10.5	430	5	2	<0.001	0.01	0.17
VA10058117	11874	32.7	2.95	7.62	<0.05	0.1	0.12	0.02	0.01	3.4	5.6	0.26	132	0.26	0.02	2.38	9.2	400	1.9	1.5	<0.001	0.02	0.08
VA10058117	11875	59.1	4.31	11.25	0.07	0.42	0.26	0.039	0.01	4.7	6.9	0.37	249	1.04	0.02	4.41	21.7	340	3.4	2.5	<0.001	0.03	0.11
VA10058117	11876	47.3	4.76	11.8	0.06	0.34	0.32	0.049	0.01	4.2	5.1	0.31	217	0.88	0.02	4.31	12.9	390	3.6	1.8	<0.001	0.04	0.14
VA10058117	11877	52.9	5.87	15.55	0.07	0.37	0.32	0.051	0.01	4.3	5.4	0.34	353	1.42	0.02	5.38	16.5	480	5	2.8	<0.001	0.05	0.24
VA10058117	11878	48.6	5.49	14.7	0.06	0.41	0.21	0.045	0.01	3.4	7	0.27	181	1.48	0.01	5.41	16.8	410	4.4	2.2	0.001	0.03	0.17
VA10058117	11879	43.6	5.3	15.55	0.06	0.18	0.2	0.046	0.01	4.3	5.9	0.36	563	1.65	0.02	4.71	18.3	390	5.6	2.5	<0.001	0.04	0.23
VA10058117	11880	38.8	7.56	20.6	0.08	0.7	0.3	0.077	0.01	4.8	3.5	0.18	154	1.01	0.01	6.77	10	570	4.3	1.2	<0.001	0.09	0.21
VA10058117	11881	42.8	5.04	14.2	0.05	0.14	0.25	0.049	0.01	4.4	6.4	0.33	1110	1.32	0.02	4.49	16.7	390	5.7	2.5	<0.001	0.04	0.2
VA10058117	11882	52.4	4.22	12.5	0.05	0.16	0.27	0.036	0.01	5.7	6.4	0.35	206	0.91	0.02	4.38	19.2	450	4.1	3.1	<0.001	0.04	0.13
VA10058117	11883	83.6	4.22	9.9	0.07	0.77	0.47	0.049	0.01	7.5	6	0.51	260	1.2	0.02	4.07	27	680	3.3	2	<0.001	0.06	0.16
VA10058117	11884	45.9	7.72	23.7	0.08	0.63	0.49	0.066	0.01	3.1	3.2	0.21	125	1.08	0.01	7.04	10.2	390	5.7	0.8	<0.001	0.05	0.27
VA10058117	11885	50.2	9.29	20.8	0.12	1.3	0.4	0.103	0.01	3.6	4.4	0.35	186	0.96	0.01	5.77	16	600	3.9	1.3	<0.001	0.16	0.19
VA10058117	11886	37.9	6.1	15.4	0.08	0.57	0.43	0.064	0.01	4.2	4.6	0.27	235	1.13	0.01	5.75	13.9	630	5.1	1.6	<0.001	0.06	0.22
VA10058117	11887	56.7	5.16	13.95	0.07	0.23	0.26	0.053	0.01	5.2	7.2	0.39	448	1.52	0.02	4.83	19.3	540	5	3.3	<0.001	0.05	0.2
VA10058117	11888	35.3	5.97	14.95	0.07	0.26	0.46	0.056	0.01	4.3	4.2	0.16	179	1.09	0.01	5.46	10.1	760	6.1	1.2	<0.001	0.06	0.21
VA10058117	11889	45.7	5.29	13.65	0.06	0.29	0.31	0.068	0.01	3.9	7.3	0.29	287	1.63	0.02	4.93	17.3	560	4	2.4	<0.001	0.04	0.17
VA10058117	11890	35.3	5.75	15.45	0.06	0.4	0.5	0.047	0.01	3.5	3.9	0.15	114	1.18	0.01	5.33	8.2	400	3.9	0.9	<0.001	0.05	0.22
VA10058117	11891	51.8	6.11	15.8	0.08	0.63	0.29	0.062	0.01	3.6	3.5	0.25	219	0.89	0.01	5.08	13	460	4.1	1.2	<0.001	0.06	0.2
VA10058117	11892	49.1	6.6	16.85	0.07	0.16	0.19	0.057	0.01	4.4	5.4	0.34	513	2.21	0.02	5.1	16.9	570	6	1.9	<0.001	0.05	0.19
VA10058117	11901	27.2	5.16	15	0.06	0.33	0.22	0.043	0.01	3.2	3.5	0.11	138	0.91	0.01	5.11	7.7	290	5.4	1.2	<0.001	0.04	0.18
VA10058117	11902	27.4	5.15	14.5	0.05	0.11	0.11	0.034	0.01	3.4	3.3	0.18	296	1.17	0.02	4.25	9	310	5.5	1.3	<0.001	0.03	0.16
VA10058117	11903	24.1	7	22.2	0.07	0.21	0.2	0.044	0.01	2.3	1.3	0.09	95	0.98	0.01	5.59	5.4	290	8.2	0.8	<0.001	0.04	0.29
VA10058117	11904	34.7	6.37	19.25	0.08	0.52	0.26	0.052	0.01	2.3	2.7	0.13	91	0.67	0.01	4.56	6.7	210	3.8	0.8	<0.001	0.03	0.2
VA10058117	11905	54.4	6.45	15.25	0.08	0.7	0.47	0.066	0.01	3.1	4.4	0.24	109	0.76	0.01	5.24	11	340	3.1	1.3	<0.001	0.05	0.15
VA10058117	11906	36.4	3.64	10.2	0.06	0.25	0.28	0.033	0.01	4.3	5.6	0.19	116	0.73	0.01	3.68	10.9	250	3	1.4	<0.001	0.04	0.12
VA10058117	11907	37.8	4.21	10.65	0.08	0.41	0.38	0.043	0.01	5.1	3.8	0.3	214	1.44	0.01	3.8	14.7	570	3.4	1.7	<0.001	0.06	0.16
VA10058117	11908	42.9	4.77	11.35	0.07	0.58	0.3	0.048	0.01	6.3	4	0.22	142	1.11	0.02	4.32	11.4	480	2.3	1.5	<0.001	0.06	0.09
VA10058117	11909	31.5	4.94	14.15	0.06	0.32	0.34	0.046	0.01	4.1	3.8	0.16	287	1.03	0.01	4.75	9.5	510	8.9	1.3	<0.001	0.05	0.3
VA10058117	11910	43.9	4.82	13.35	0.06	0.64	0.16	0.046	0.01	4.7	6.1	0.3	190	1.26	0.02	4.03	16.7	340	3.5	2.1	<0.001	0.13	0.11
VA10058117	11911	44.8	4.59	13.45	0.06	0.49	0.22	0.043	0.01	3.5	5.9	0.21	198	0.71	0.02	4.65	12.9	260	4.6	1.7	<0.001	0.03	0.18
VA10058117	11912	24.8	5.83	15.15	0.07	0.5	0.29	0.064	0.01	4.2	2.9	0.11	81	0.76	0.01	4.87	6.1	330	4.8	0.8	<0.001	0.05	0.18
VA10058117	11913	37.2	5.15	17.75	0.06	0.2	0.2	0.045	0.01	5.3	4.5	0.24	224	0.94	0.01	5.31	10.2	340	5.9	2.2	<0.001	0.05	0.18
VA10058117	11914	32.6	7.43	18.75	0.08	0.56	0.25	0.062	0.01	3.6	3.4	0.15	134	0.78	0.01	5.78	8	310	4.6	1.3	<0.001	0.05	0.16
VA10058117	11915	42.5	4.93	13.35	0.06	0.31	0.14	0.046	0.01	5.2	9.9	0.28	339	1.69	0.02	4.96	19.8	410	5.9	2.3	<0.001	0.05	0.19
VA10062015	11581	62.2	5.81	14.75	0.1	0.98	0.67	0.069	0.01	3.2	5.4	0.23	165	1.08	0.01	5.45	11	460	4.1	1.7	0.001	0.09	0.22
VA10062015	11582	32.6	5.94	20.2	0.4	0.54	0.3	0.048	0.02	4	8.2	0.33	918	0.97	0.01	7.44	14.3	860	9.6	3.7	<0.001	0.05	0.33
VA10062015	11583	26.5	8.58	21.6	0.23	0.42	0.24	0.051	0.01	3.3	2.5	0.19	188	0.58	0.01	6.65	7.6	460	5.3	1.4	<0.001	0.05	0.34
VA10062015	11584	36.2	5.82	16.65	0.11	0.49	0.34	0.055	0.01	3	5.5	0.2	229	0.8	0.01	5.13	10.5	470	7.5	2	<0.001	0.06	0.34
VA10062015	11585	11.5	5.23	21.4	0.15	0.16	0.09	0.033	0.01	2.6	0.5	0.05	106	0.6	<0.01	4.48	4.1	330	13.7	0.8	<0.001	0.03	0.46
VA10062015	11586	6.4	3.1	11.65	0.08	0.11	0.16	0.014	0.02	2.6	0.3	0.05	175	0.27	<0.01	2.91	4.5	240	20.5	1.2	0.001	0.04	0.47
VA10062015	11587	18.5	10.9	38.8	0.14	0.3	0.53	0.098	0.01	2.6	0.9	0.06	78	0.96	0.01	5.65	4.7	400	21.1	0.8	0.001	0.06	0.67

Soil Geochemistry		ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Certificate #	Sample #	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
VA10054379	11814	7.6	1.1	0.7	15.1	0.13	0.06	1.4	0.499	0.03	0.48	180	0.12	6.29	21	16.2
VA10054379	11815	6	0.6	1.2	23.6	0.01	0.05	0.9	0.762	0.02	0.38	283	<0.05	3.88	22	9.9
VA10054379	11816	8.4	1	1.3	18.2	0.08	0.06	1.5	0.707	<0.02	0.47	265	<0.05	5.39	38	17.2
VA10054379	11817	7	1.3	0.9	13.3	0.1	0.07	1.2	0.399	0.02	0.54	180	0.05	6.37	27	6.4
VA10054379	11818	4.6	1	1.1	16.2	0.05	0.06	1.2	0.545	<0.02	0.44	238	0.05	4.41	40	6.7
VA10054379	11819	11.2	2.2	0.5	13.4	0.02	0.07	1.6	0.285	<0.02	0.67	108	0.15	10.4	26	12.8
VA10054379	11820	10.8	3	0.6	9.8	0.05	0.08	1.7	0.335	<0.02	0.58	123	0.12	4.79	12	16.9
VA10054379	11821	11.8	2.2	0.6	12.5	0.01	0.04	2.2	0.37	<0.02	0.7	137	0.15	8.49	24	19.4
VA10054379	11822	10.2	2.5	0.8	14	0.07	0.08	1.4	0.397	<0.02	0.68	159	0.1	13.15	55	9.2
VA10054379	11823	11.1	1.8	0.8	13.5	0.06	0.05	1.9	0.456	<0.02	0.61	176	0.11	11.95	28	17
VA10054379	11824	6	1	0.5	34.4	0.04	0.06	0.6	0.406	<0.02	0.34	155	0.1	5.99	43	7.4
VA10054379	11825	15.1	2.3	0.8	8.3	0.02	0.09	2.5	0.415	0.02	0.68	166	0.14	11.45	33	33
VA10054379	11826	5.9	1.6	0.8	12.9	0.07	0.06	1.3	0.439	<0.02	0.51	173	0.09	4.14	20	10.6
VA10058117	11720	20.4	2.2	0.7	10.8	0.01	0.03	2.2	0.522	0.02	0.75	198	0.38	17.35	19	40.8
VA10058117	11721	9.5	3.8	0.8	7.4	0.11	0.04	1.9	0.48	<0.02	0.64	248	0.23	4.6	20	21.2
VA10058117	11722	5.2	1.4	1	9.4	0.13	0.03	0.8	0.486	<0.02	0.34	209	0.14	3.3	21	8.3
VA10058117	11723	7.9	1.5	0.9	25.7	0.05	0.03	0.9	0.452	0.02	0.31	180	0.19	4.9	34	11
VA10058117	11724	9.2	1.2	1.2	6.9	0.08	0.03	1.2	0.647	0.02	0.39	290	0.14	4.75	18	17.8
VA10058117	11725	11.6	1.8	0.5	11.4	0.04	0.03	1.3	0.344	<0.02	0.46	122	0.24	6.36	19	18.1
VA10058117	11726	8.9	1.3	0.7	11.4	0.04	0.03	1.5	0.419	<0.02	0.35	177	0.15	4.78	16	19
VA10058117	11727	9.1	2.2	0.9	7.5	0.08	0.04	1.2	0.488	<0.02	0.41	209	0.15	4.24	13	17.5
VA10058117	11728	6.7	1.2	0.4	16.7	0.03	0.04	0.8	0.206	0.02	0.37	94	0.26	6.92	22	6.9
VA10058117	11729	11	2.3	0.9	10.1	0.08	0.05	1.1	0.509	<0.02	0.43	207	0.17	5.13	23	22.4
VA10058117	11730	11.7	1.5	1.1	11	0.06	0.04	1	0.624	0.02	0.46	275	0.12	6.49	30	23
VA10058117	11731	8.5	2.1	0.8	9.1	0.08	0.04	0.8	0.416	<0.02	0.42	191	0.16	6.49	26	14.5
VA10058117	11732	8.1	2	0.8	13.5	0.07	0.04	1.3	0.515	0.02	0.64	216	0.1	7.47	31	16.1
VA10058117	11733	16.3	2	0.7	19.5	0.02	0.06	0.8	0.435	0.04	0.46	166	0.21	15.4	40	12.7
VA10058117	11734	10.2	1.9	0.8	10.5	0.09	0.04	1	0.447	<0.02	0.41	203	0.13	5.13	18	13.8
VA10058117	11735	9.7	1.6	1.1	14.1	0.08	0.04	1.2	0.562	0.02	0.44	244	0.13	6.48	23	12.3
VA10058117	11736	9.7	1.4	1.2	10.8	0.09	0.03	1.4	0.736	<0.02	0.33	297	0.14	4.04	16	18.7
VA10058117	11737	4.4	0.7	1.4	14.6	0.03	0.02	0.7	0.578	<0.02	0.31	275	0.09	5	26	4.9
VA10058117	11738	6.9	1.6	0.8	12.8	0.07	0.03	0.8	0.472	<0.02	0.3	207	0.15	4.44	21	11
VA10058117	11739	11.4	1.9	0.5	15.9	0.04	0.03	1.3	0.371	<0.02	0.35	126	0.19	4.49	34	19.9
VA10058117	11740	13.3	2	0.7	11.3	0.03	0.04	1.3	0.417	0.02	0.37	156	0.15	6.94	26	24
VA10058117	11741	9	2	0.8	8	0.1	0.03	1.4	0.428	<0.02	0.45	195	0.11	3.35	9	17.9
VA10058117	11742	15.8	2.3	0.6	13.9	0.05	0.03	1.4	0.377	<0.02	0.53	122	0.23	7.4	26	19.9
VA10058117	11743	15.3	2.1	0.7	9.9	0.04	0.03	1.9	0.321	<0.02	0.47	136	0.15	4.68	25	23
VA10058117	11744	9.7	1.8	0.8	11.8	0.06	0.03	1.5	0.453	<0.02	0.39	179	0.13	5.27	22	17
VA10058117	11745	6.2	1.9	1.1	10.4	0.1	0.04	1.3	0.48	<0.02	0.4	213	0.13	3.64	18	10.6
VA10058117	11746	11.4	2.8	0.6	9.4	0.04	0.06	1.4	0.329	<0.02	0.48	129	0.19	5.49	16	16.3
VA10058117	11747	9.6	2.5	0.6	16.4	0.06	0.04	1.1	0.299	0.02	0.42	124	0.18	6.77	59	9.3
VA10058117	11748	12.8	1.6	0.6	13.9	0.02	0.04	1.3	0.408	0.02	0.34	156	0.19	6.38	41	24.2
VA10058117	11749	10.6	1.4	0.6	10.3	0.02	0.02	1.3	0.367	<0.02	0.37	131	0.13	5.59	16	20.7
VA10058117	11750	4.3	0.9	1.2	13.2	0.09	0.02	0.8	0.674	<0.02	0.3	283	0.08	2.36	20	9
VA10058117	11827	11.9	1.9	0.5	13.4	0.05	0.04	1.5	0.342	0.02	0.41	129	0.22	6.83	24	15.9
VA10058117	11828	14.3	2.1	0.9	14.4	0.08	0.04	1.1	0.521	0.02	0.37	211	0.13	9.45	38	16.4
VA10058117	11829	7.3	0.9	1.4	10.9	0.14	0.02	1.3	0.784	<0.02	0.25	327	0.09	2.91	15	19.8
VA10058117	11830	14	2.6	0.6	13	0.07	0.05	1.5	0.389	<0.02	0.54	141	0.22	4.42	25	23.8
VA10058117	11831	6.2	1.3	1.4	10.5	0.11	0.02	1.3	0.744	<0.02	0.29	312	0.11	2.24	25	20.7
VA10058117	11832	13.3	2.4	1.1	10.7	0.06	0.05	2.1	0.479	0.02	0.46	210	0.11	4.95	23	33.6
VA10058117	11833	16.9	2.4	0.7	14.5	0.05	0.06	1.3	0.466	0.03	0.44	181	0.23	8.25	47	26.3
VA10058117	11834	12.7	2	1	11.1	0.1	0.05	1.3	0.667	0.02	0.48	282	0.13	8.35	35	25.4
VA10058117	11835	12.6	2.3	0.9	11.3	0.06	0.06	1	0.464	0.03	0.48	193	0.1	8.54	58	17.4
VA10058117	11836	19.2	2.2	0.8	15.4	0.05	0.06	1.2	0.458	0.04	0.71	191	0.13	20.8	57	22.3
VA10058117	11837	7.7	1.7	1	14.5	0.03	0.05	0.8	0.336	0.05	1	124	0.14	6.12	67	7.4
VA10058117	11838	16	1.7	0.7	13.8	0.05	0.05	1.2	0.469	0.02	0.5	165	0.07	9.83	47	29.7
VA10058117	11839	4.9	0.7	1.9	10.1	0.13	0.04	0.8	0.934	<0.02	0.33	487	<0.05	3.31	15	9.7
VA10058117	11840	10.8	1.8	0.8	18.6	0.09	0.05	1.2	0.568	<0.02	0.4	195	<0.05	5.25	33	28.6
VA10058117	11841	11.5	1.9	0.9	14.5	0.05	0.07	1.3	0.485	0.02	0.58	211	0.22	15	45	13.9
VA10058117	11842	6.2	1.8	0.6	16.4	0.06	0.04	0.4	0.265	0.06	0.46	110	0.08	8.22	63	2.9
VA10058117	11843	5.4	1.1	1.3	9.9	0.13	0.05	0.9	0.567	<0.02	0.32	278	<0.05	3.78	24	9.7
VA10058117	11844	8.9	1.2	0.9	14.2	0.05	0.04	1.2	0.428	0.02	0.56	149	0.11	7.28	40	10.8
VA10058117	11845	7.6	1.9	0.6	11.7	0.08	0.05	1.1	0.406	<0.02	0.4	152	0.12	5.02	30	14.5
VA10058117	11846	13.6	1.7	1	10.5	0.02	0.06	1.7	0.496	<0.02	0.57	196	0.05	7.3	31	23.7
VA10058117	11847	8.8	1.7	0.7	10.4	0.11	0.05	0.9	0.378	<0.02	0.46	169	0.05	5.04	18	10.5
VA10058117	11848	16.9	2	0.8	24.2	0.08	0.07	1.4	0.526	0.02	0.58	189	0.12	12.4	54	22.6
VA10058117	11849	4.6	0.7	1.4	12.7	0.08	0.05	0.9	0.856	<0.02	0.36	355	<0.05	2.68	18	12.8
VA10058117	11850	8.2	1	0.6	15.2	0.05	0.04	1.1	0.34	<0.02	0.38	148	0.1	7.16	42	12.9
VA10058117	11851	7.4	1.3	0.7	14.9	0.1	0.04	0.9	0.474	0.02	0.53	191	0.07	9.2	30	11.3
VA10058117	11852	10.8	1.8	0.7	14.8	0.04	0.06	1.4	0.417	0.02	0.44	164	0.14	9.6	42	18.9
VA10058117	11853	9.9	2.5	0.8	12	0.09	0.08	0.9	0.482	<0.02	0.45	204	0.1	8.6	25	13.5
VA10058117	11854	10.2	2.6	0.7	12.2	0.07	0.08	1	0.449	0.02	0.51	185	0.1	9.02	37	17.2
VA10058117	11855	4	0.7	1.8	14.1	0.03	0.04	0.7	0.749	0.02	0.48	329	<0.05	3.17	27	6.6
VA10058117	11856	11.6	2.1	0.7	15.3	0.04	0.05	1	0.438	0.02	0.55	165	0.09	9.74	36	23.9
VA10058117	11857	10.4	1.8	0.9	12.1	0.11	0.05	0.9	0.519	<0.02	0.44	214	0.07	7.35	30	21.8
VA10058117	11858	9	2.5	0.8	10.8	0.05	0.06	1.1	0.465	<0.02	0.49	198	0.06	5.72	28	23.5
VA10058117	11859	9.2	1.8	1.1	18.2	0.11	0.08	0.9	0.595	0.03	0.54	238	0.07	11	42	15.4
VA10058117	11860	12.2	3.1	0.6	11.9	0.02	0.08	1.5	0.468	0.02	0.52	145	0.12	12.95	43	29.6
VA10058117	11861	5.5	1.6	0.9	14	0.11	0.06	1	0.549	0.02	0.35	207	0.06	5.08	31	8.5
VA10058117	11862	7.4	1.8	1	12.9	0.1	0.06	1.1	0.566	0.02	0.53	210	0.09	6.46	30	13.3
VA10058117	11863	3	0.5	2.3	9	0.09	0.04	0.6	0.987	<0.02	0.29	553	<0.05	1.76	12	10.9
VA10058117	11864	6.2	1.8	0.9	12.1	0.11	0.04	1.3	0.429	0.02	0.46	179	0.05	3.33	26	13.4
VA10058117	11865	5.7	1.1	1.4	8.5	0.1	0.05	1.1	0.664	<0.02	0.31	268	<0.05	2.75	23	17.3
VA10058117	11866	9.2	2.3	0.8	13	0.04	0.07	1.1	0.422	0.03	0.54	160	0.11	8.78	30	14.4
VA10058117	11867	5.8	1.6	0.4	12.5	0.03	0.05	1.2	0.275	0.02	0.39	136	0.1	4.16	32	9.1
VA10058117	11868	8.8	2.2	0.7	13.8	0.05	0.06	1.1	0.393	0.04	0.56	163	0.12	8.89	32	11.5
VA10058117	11869	7.9	1.2	0.7	15.7	0.06	0.06	1.1	0.407	0.02	0.42	154	0.09	7.03	28	11.9
VA10058117	11870	11.5	1.6	0.6	13.7	0.05	0.06	1.5	0.332	0.03	0.57	123	0.16	13.05	41	15.3
VA10058117	11871	7.5	1.7	0.9	14.6	0.09	0.04	1.2	0.535	0.02	0.48	211	0.05	6.76	33	12.9
VA10058117	11872	12.3	3.2	0.8	12.7	0.05	0.07	1.7	0.441	0.03	0.94	143	0.18	16.5	37	16.6
VA10058117	11873	7.3	1.2	1.1	16.6	0.07	0.05	1.5	0.527	<0.02	0.42	223	<0.05	7.2	41	11.7
VA10058117	11874	3.8	0.7	0.3	10.6	0.04	0.04	1	0.215	<0.02	0.42	89	0.07	3.18	26	3.9
VA10058117	11875	11.8	1.7	0.6	18	0.05	0.06	1.7	0.382	0.03	0.63	136	0.17	9.25	50	16.4
VA10058117	11876	8.4	2.2	0.6	11.2	0.08	0.05	1.2	0.356	0.02	0.58	118	0.11	6.21	32	13.2
VA10058117	11877	7.5	1.8	1	17.3	0.08	0.06	1.4	0.49	0.03	0.58	192	0.09	6.73	39	14.8
VA10058117	11878	8.1	1.6	1	12.7	0.09	0.05	1.1	0.517	0.03	0.46	229	0.09	5.12	44	16.3
VA10058117	11879	6.1	1.6	1	15.5	0.07	0.06	0.8	0.476	0.04	0.51	200	0.08	6.54	41	8.8
VA10058117	11880	11.7	2	1.1	10.1	0.17	0.06	1.3	0.654	0.02	0.58	254	0.06	9.56	33	25.9
VA10058117	11881	5.7	1.8	0.9	16.7	0.08	0.06	0.7	0.464	0.05	0.58	183	0.08	6.71	46	6.6
VA10058117	11882	7.7	1.4	0.8	15	0.1	0.05	0.6	0.379	0.05	0.54	134	0.08	8.9	39	7.7
VA10058117	11883	16.9	2.9	0.5	15.3	0.02	0.11	1.4	0.357	0.03	0.76	116	0.16	18.75	60	29.3
VA10058117	11884	7.5	1.8	1.3	10.9	0.1	0.09	1.2	0.69	<0.02	0.51	320	<0.05	4.12	21	24.9
VA10058117	11885	12.2	2.4	0.9	9.5	0.02	0.09	1.6	0.563	<0.02	0.61	229	<0.05	6.86	32	47.6
VA10058117	11886	10.7	2.9	1	11.4	0.09	0.1	1.5	0.503	0.02	0.67	203	0.09	7.55	36	22.4
VA10058117	11887	8.2	1.7	0.9	13.1	0.11	0.08	0.9	0.476	0.06	0.62	168	0.13	9.12	59	11.5
VA10058117	11888	8.4	2.2	1	9.7	0.14	0.08	0.7	0.466	0.03	0.59	203	0.05	7.54	36	12
VA10058117	11889	8.4	1.7	0.8	13	0.1	0.06	1	0.437	0.03	0.56	191	0.08	7.08	50	13.2
VA10058117	11890	8	2.6	0.9	10.7	0.13	0.08	1.2	0.471	0.02	0.54	210	0.09	4.87	30	17.3
VA10058117	11891	10.5	2.1	0.8	12.1	0.03	0.08	1.9	0.449	0.02	0.53	183	0.07	6.83	34	24.8
VA10058117	11892	5.5	1.7	1.1	25.3	0.04	0.08	0.7	0.589	0.03	0.49	233	0.06	10.15	48	6.5
VA10058117	11901	7	1.4	1	11	0.13	0.06	1	0.477	0.02	0.41	202	<0.05	5.07	23	11.8
VA10058117	11902	3.4	0.8	1	15.5	0.06	0.05	0.6	0.522	0.02	0.39	224	<0.05	6.13	27	4.6
VA10058117	11903	2.9	0.9	1.5	7.4	0.08	0.06	0.8	0.663	<0.02	0.27	309	<0.05	1.98	15	8.3
VA10058117	11904	6.1	1.1	1.1	10	0.11	0.05	1.3	0.6	<0.02	0.34	274	<0.05	3.07	13	18.9
VA10058117	11905	9.3	1.8	0.7	11	0.08	0.06	1.6	0.437	<0.02	0.43	168	0.05	4.72	25	26.2
VA10058117	11906	7.1	1.6	0.5	9.4	0.08	0.05	1.4	0.281	<0.02	0.52	122	0.09	5.89	25	11.4
VA10058117	11907	9.7	2.3	0.5	12.5	0.04	0.09	1.4	0.337	0.03	0.92	105	0.14	9.45	30	15.4
VA10058117	11908	12.8	2.6	0.5	10.7	0.01	0.1	1.7	0.341	0.02	0.73	130	0.14	9.76	28	21.6
VA10058117	11909	8.8	1.9	0.9	10.7	0.1	0.08	1.4	0.395	0.02	0.55	173	0.07	6.92	33	12.6
VA10058117	11910	11.3	1.9	0.7	14.1	0.05	0.07	1.7	0.426	0.02	0.66	166	0.06	9.13	34	22.4
VA10058117	11911	9.2	1.5	0.8	13.5	0.08	0.06	1.7	0.398	0.02	0.5	164	0.06	5.99	36	18
VA10058117	11912	8.8	1.9	0.9	8	0.06	0.07	1.8	0.39	<0.02	0.47	180	<0.05	5.51	16	18.4
VA10058117	11913	5.9	1.2	1.1	12.7	0.09	0.06	1.3	0.522	0.02	0.56	201	<0.05	6.59	27	8.1
VA10058117	11914	6.4	1.4	1.1	11.2	0.12	0.07	1.3	0.639	<0.02	0.41	261	<0.05	5	24	19.7
VA10058117	11915	9.7	1.9	0.9	16.3	0.05	0.07	1.2	0.462	<0.02	0.55	176	0.83	14.35	63	10.7
VA10062015	11581	13.4	3.2	0.9	10.2	0.06	0.06	2	0.413	0.02	0.64	159	0.14	5.74	32	31.3
VA10062015	11582	7.8	1.1	1.5	12.9	0.22	0.05	1.2	0.599	0.05	0.47	207	0.31	3.31	43	23.4
VA10062015	11583	6	0.9	1.7	17	0.11	0.03	0.6	1.085	<0.02	0.24	364	0.07	4.14	23	15.1
VA10062015	11584	6.4	1	1.2	15.2	0.06	0.04	1.1	0.508	0.03	0.33	207	0.08	3.03	35	15.6
VA10062015	11585	2.2	0.4	1.8	10.3	0.04	0.03	0.6	0.71	<0.02	0.14	341	<0.05	1.08	11	6.8
VA10062015	11586	2.2	0.3	1.7	11.5	0.02	0.01	0.4	0.549	<0.02	0.12	260	<0.05	1.36	11	5.3
VA10062015	11587	2.9	0.8	2.3	7.7	0.11	0.02	0.8	0.811	<0.02	0.19	429	<0.05	1.32	18	10.5

Soil Geochemistry		Method	WGHT	Au-TL42	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Analyte	Wgt	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Certificate #	Sample #	Unit	KG	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
VA10062015	11588			0.003	0.12	1.71	2.1	<0.2	<10	10	0.1	0.29	0.24	0.3	6.57	4.3	28	0.33
VA10062015	11589			0.002	0.03	2.93	4.2	<0.2	<10	20	0.11	0.34	0.19	0.16	6.69	4.5	72	0.92
VA10062015	11590			0.002	0.03	2.34	2.3	<0.2	<10	10	0.13	0.26	0.16	0.1	7.8	3.1	35	0.91
VA10062015	11591			0.003	0.01	0.54	0.8	<0.2	<10	10	<0.05	0.37	0.07	0.05	5.64	0.5	13	0.36
VA10062015	11592			0.004	0.03	0.86	1.3	<0.2	<10	10	<0.05	0.25	0.17	0.08	5.35	2.2	27	0.21
VA10062015	11593			0.004	0.07	1.92	1.9	<0.2	<10	10	0.05	0.24	0.09	0.06	3.55	1.9	83	0.15
VA10062015	11594			0.003	0.05	0.45	0.6	<0.2	<10	10	<0.05	0.29	0.11	0.04	3.58	0.3	20	0.41
VA10062015	11595			0.003	0.02	0.4	0.1	<0.2	<10	<10	<0.05	0.22	0.11	0.05	5.22	0.8	14	0.09
VA10062015	11596			0.003	0.03	2.38	1.1	<0.2	<10	20	0.17	0.17	0.37	0.14	7.44	5.8	40	0.81
VA10062015	11597			0.003	0.11	6.02	5	<0.2	<10	20	0.33	0.17	0.22	0.36	14.25	8.7	81	0.7
VA10062015	11598			0.002	0.05	7.5	2.5	<0.2	<10	20	0.34	0.09	0.16	0.16	9.96	3.6	77	0.57
VA10062015	11599			0.004	0.01	0.77	1.9	<0.2	<10	10	<0.05	0.29	0.15	0.11	3.48	2	39	0.11
VA10062015	11758			0.003	0.12	3.46	1.5	<0.2	<10	40	0.35	0.1	0.49	0.11	11.75	10.6	41	0.62
VA10062015	11759			0.003	0.09	6.61	4.7	<0.2	<10	20	0.36	0.13	0.2	0.22	8.19	4.3	75	0.47
VA10062015	11760			0.004	<0.01	1.24	1.1	<0.2	<10	10	0.05	0.29	0.26	0.08	5.05	2.1	38	0.51
VA10062015	11761			0.004	0.06	4.78	2	<0.2	<10	20	0.35	0.18	0.24	0.17	16	5.3	63	0.64
VA10062015	11762			0.003	0.09	5.06	2.3	<0.2	<10	20	0.5	0.13	0.23	0.23	13.85	4.8	49	0.48
VA10062015	11763			0.006	0.13	3.18	2.6	<0.2	<10	20	0.21	0.13	0.18	0.21	5.58	3.3	50	0.46
VA10062015	11764			0.008	0.06	6.59	2	<0.2	<10	40	0.49	0.15	0.25	0.18	14.3	6.7	71	0.64
VA10062015	11765			0.015	0.13	6.31	2.3	<0.2	<10	30	0.46	0.14	0.22	0.17	16.45	5.9	68	0.65
VA10062015	11766			0.002	0.03	4.25	1.8	<0.2	<10	40	0.42	0.15	0.31	0.11	13.05	7.8	39	0.73
VA10062015	11767			0.004	0.05	5.5	2.1	<0.2	<10	20	0.37	0.1	0.21	0.09	11.55	3.7	52	0.49
VA10062015	11768			0.004	0.06	3.08	1.9	<0.2	<10	20	0.28	0.29	0.32	0.1	7.78	4.9	36	0.61
VA10062015	11769			0.003	0.04	3.26	1.5	<0.2	<10	30	0.27	0.22	0.33	0.16	7.4	6.7	48	0.65
VA10062015	11770			0.009	0.11	6.85	4.7	<0.2	<10	10	0.31	0.14	0.2	0.24	6.43	2.5	61	0.47
VA10062015	11771			0.002	0.08	3.96	2.1	<0.2	<10	10	0.28	0.21	0.18	0.2	8.87	3.1	48	0.32
VA10062015	11772			0.002	0.17	6.03	1.8	<0.2	<10	30	0.77	0.16	0.25	0.12	16.3	48.3	57	0.96
VA10062015	11773			0.003	0.04	4.67	1.9	<0.2	<10	20	0.23	0.14	0.17	0.12	7.94	2.9	56	0.54
VA10062015	11893			0.002	0.11	1.68	1.4	<0.2	<10	10	0.13	0.1	0.05	0.05	8.94	0.8	17	0.2
VA10062015	11894			0.002	0.01	1.99	1.7	<0.2	<10	10	0.11	0.27	0.13	0.05	5.51	1.5	52	0.28
VA10062015	11896			0.003	0.02	5.54	2.5	<0.2	<10	50	0.26	0.09	0.43	0.11	14.55	7.3	44	0.34
VA10062015	11897			0.002	0.08	1.63	2.1	<0.2	<10	10	0.07	0.26	0.19	0.09	4.98	2.2	50	0.28
VA10062015	11898			0.002	0.06	9.34	4.1	<0.2	<10	20	0.71	0.09	0.48	0.18	11.7	11.4	51	0.4
VA10062015	11916			0.002	0.03	2.95	2	<0.2	<10	20	0.21	0.26	0.27	0.1	9.15	3.9	41	0.92
VA10062015	11917			0.003	0.06	3.47	1.3	<0.2	<10	20	0.34	0.12	0.36	0.11	9.95	5	49	0.44
VA10062015	11918			0.004	0.01	6.22	1.9	<0.2	<10	10	0.21	0.18	0.23	0.11	7.58	4.7	148	0.56
VA10062015	11919			0.003	0.01	6.33	2.2	<0.2	<10	20	0.35	0.11	0.25	0.08	20.6	4.6	64	0.44
VA10062015	11920			0.003	<0.01	4.95	2	<0.2	<10	20	0.19	0.15	0.21	0.07	10.5	3.8	54	0.47
VA10062015	11921			0.034	0.04	7.48	3.2	<0.2	<10	20	0.22	0.16	0.24	0.21	17.45	5.5	87	0.69
VA10062015	11922			0.003	0.02	4.91	4	<0.2	<10	20	0.16	0.19	0.29	0.16	14.65	5.4	55	0.51
VA10062015	11923			0.003	0.02	5.01	3.6	<0.2	<10	20	0.26	0.08	0.3	0.09	13.75	5.1	43	0.53
VA10062015	11924			0.002	0.03	3.53	3.6	<0.2	<10	10	0.21	0.2	0.32	0.12	15.15	5.1	53	0.51
VA10062015	11925			0.002	0.01	1.55	4.5	<0.2	<10	10	0.05	0.25	0.22	0.07	5.1	2.4	42	0.78
VA10062015	11926			0.063	0.01	1.82	2	<0.2	<10	10	0.06	0.21	0.21	0.07	4.84	2.7	55	0.33
VA10062015	11927			0.003	0.03	1.58	1.9	<0.2	<10	20	0.08	0.32	0.31	0.09	5.63	3.4	35	0.64
VA10062015	11928			0.002	0.14	2.27	3.1	<0.2	<10	20	0.14	0.34	0.18	0.11	7.83	3.4	36	0.86
VA10062015	11929			0.004	0.06	4.69	3.4	<0.2	<10	20	0.2	0.29	0.2	0.18	9.19	4.4	63	0.93
VA10062015	11930			0.005	0.03	1.83	3.4	<0.2	<10	20	0.1	0.32	0.31	0.15	5.73	5.6	35	0.74
VA10062015	11931			0.003	0.1	5.34	2.5	<0.2	<10	20	0.3	0.18	0.3	0.19	9.47	7.6	65	1.22
VA10062015	11932			0.003	0.1	1.14	2.4	<0.2	<10	10	0.09	0.35	0.24	0.28	5.4	6.9	32	0.27
VA10062015	11933			0.004	0.03	6.54	2.8	<0.2	<10	10	0.14	0.15	0.22	0.14	9.04	4.2	98	0.56
VA10062015	11934			0.003	0.04	4.87	2.5	<0.2	<10	10	0.23	0.23	0.16	0.13	8.77	2.8	60	0.59
VA10062015	11935			0.077	0.01	6.64	2.6	<0.2	<10	10	0.19	0.1	0.27	0.1	10.15	6	87	0.6
VA10062015	11936			0.004	0.02	7.44	2.7	<0.2	<10	10	0.19	0.11	0.16	0.05	7.65	3.5	111	0.37
VA10062015	11937			0.003	<0.01	6.89	3.1	<0.2	<10	20	0.21	0.13	0.27	0.09	13.25	6.2	81	0.56
VA10062015	11938			0.003	0.02	4.25	2.6	<0.2	<10	20	0.16	0.18	0.19	0.11	7.23	3.4	63	0.41
VA10062015	11939			0.008	0.01	5.55	3	<0.2	<10	10	0.15	0.14	0.23	0.15	7.88	4.5	105	0.41
VA10062015	11940			0.017	0.08	2.35	1.5	<0.2	<10	10	0.09	0.2	0.21	0.13	6.75	3.2	52	0.45
VA10062015	11941			0.003	0.08	5.39	2.2	<0.2	<10	20	0.35	0.15	0.41	0.31	10.85	6.3	55	0.67
VA10062015	11942			0.004	0.04	2.22	1.2	<0.2	<10	20	0.07	0.18	0.3	0.09	6.28	3.2	37	0.26
VA10062015	11943			0.005	0.08	2.78	0.8	<0.2	<10	10	0.15	0.2	0.26	0.21	8.9	2.7	56	0.55
VA10062015	11944			0.003	0.15	6.35	6.1	<0.2	<10	10	0.27	0.13	0.22	0.25	8.02	6.3	77	0.58
VA10062015	11945			0.003	0.1	4.7	2	<0.2	<10	30	0.47	0.12	0.24	0.3	16.75	8.3	61	0.51
VA10062015	11946			0.002	0.08	5.1	1.9	<0.2	<10	30	0.35	0.19	0.28	0.12	14.05	9.4	63	0.41
VA10062015	11947			0.002	0.08	5.9	2.5	<0.2	<10	30	0.34	0.12	0.26	0.19	13	6.3	51	0.49
VA10062015	11948			0.002	0.17	5.59	3.4	<0.2	<10	30	0.4	0.13	0.3	0.24	21.4	6.9	59	0.61
VA10062015	11949			0.002	0.06	6.37	2.8	<0.2	<10	20	0.21	0.16	0.19	0.17	13.5	4.4	61	0.63
VA10062015	11950			0.004	0.08	5.95	2	<0.2	<10	20	0.19	0.08	0.2	0.23	9.58	4.3	64	0.39
VA10062015	11951			0.1	0.11	4.01	2.7	<0.2	<10	20	0.27	0.22	0.27	0.16	5.57	7.4	50	0.96
VA10062015	11952			0.002	0.15	2.91	2.2	<0.2	<10	20	0.28	0.22	0.3	0.23	7.53	9.5	42	0.98
VA10062015	11953			0.002	0.32	7.89	6.2	<0.2	<10	20	0.56	0.13	0.17	0.36	10.25	8.1	76	0.5
VA10062015	11954			0.046	0.22	4.08	4	<0.2	<10	20	0.35	0.25	0.19	0.29	9.7	6.6	66	0.99
VA10062015	11955			0.004	0.16	1.99	5.8	<0.2	<10	20	0.16	0.22	0.28	0.25	5.91	5.4	51	0.47
VA10062015	11956			0.004	0.25	4.3	1.6	<0.2	<10	20	0.23	0.29	0.22	0.17	10.3	4.5	69	0.51
VA10062015	11957			0.002	0.1	5.47	2.3	<0.2	<10	20	0.34	0.13	0.22	0.18	14.65	4.7	52	0.41
VA10062015	11958			0.002	0.06	1.02	0.4	<0.2	<10	10	0.06	0.2	0.21	0.05	5.77	1.7	19	0.51
VA10062015	11959			0.003	0.02	7.61	2.6	<0.2	<10	20	0.24	0.22	0.2	0.13	13.85	3.8	78	0.49
VA10062015	11960			0.003	0.04	3.35	3.4	<0.2	<10	10	0.19	0.17	0.17	0.12	7.59	3.5	86	0.47
VA10062015	11961			0.002	0.02	3.98	2.6	<0.2	<10	10	0.09	0.28	0.21	0.08	6.22	2.9	74	0.48
VA10062015	11962			0.001	0.03	1.87	2.2	<0.2	<10	10	0.06	0.2	0.22	0.09	4.46	3.1	46	0.31
VA10062015	11963			0.003	0.02	4.21	0.8	<0.2	<10	10	0.13	0.14	0.16	0.12	9.58	2.8	81	0.35
VA10062015	11964			0.003	0.02	5.41	2.4	<0.2	<10	10	0.12	0.14	0.19	0.1	4.9	3.5	134	0.42
VA10062015	11965			0.001	<0.01	2.37	0.4	<0.2	<10	20	0.23	0.08	0.38	0.09	7.63	5.6	30	0.43
VA10062015	11966			0.004	0.1	10.4	3.8	<0.2	<10	10	0.24	0.09	0.14	0.16	11.8	2.5	131	0.6
VA10062015	11967			0.002	0.05	5.26	2.4	<0.2	<10	10	0.15	0.19	0.18	0.14	6.56	3	105	0.49
VA10062015	11968			0.002	0.09	4.09	1.7	<0.2	<10	30	0.34	0.1	0.46	0.09	9.06	6.9	33	0.68
VA10062015	11969			0.002	0.02	3.44	1.8	<0.2	<10	30	0.18	0.07	0.47	0.1	8.13	6.9	37	0.43
VA10062015	11970			0.001	0.14	2.2	1.4	<0.2	<10	20	0.12	0.14	0.28	0.27	7.58	4.6	43	0.6
VA10062015	11971			0.003	0.09	2.12	1.8	<0.2	<10	10	0.05	0.24	0.18	0.05	4.57	2	68	0.31
VA10062015	11972			0.002	0.14	4.85	2.9	<0.2	<10	20	0.13	0.21	0.14	0.16	5.26	3.1	81	0.75
VA10062015	11973			0.003	0.05	4.03	1.3	<0.2	<10	30	0.19	0.13	0.32	0.17	6.95	5.1	45	0.87
VA10062015	11974			0.002	0.01	3.66	2.3	<0.2	<10	20	0.3	0.27	0.27	0.15	5.92	3.7	55	0.83
VA10062015	11975			0.001	0.03	3.73	1.3	<0.2	<10	30	0.29	0.07	0.4	0.11	10.75	5.6	38	0.39
VA10062015	11976			0.001	0.02	1.46	1.1	<0.2	<10	20	0.11	0.18	0.37	0.08	6.86	3.6	21	0.54
VA10062015	11977			0.002	0.07	5.02	2.3	<0.2	<10	10	0.16	0.21	0.15	0.08	7.31	2.6	83	0.28
VA10062015	11978			0.003	0.12	2.32	1.4	<0.2	<10	10	0.09	0.32	0.14	0.05	4.68	2	72	0.17
VA10062015	11979			0.002	0.06	1.67	0.6	<0.2	<10	20	0.14	0.27	0.24	0.07	8.15	2.9	29	0.55
VA10062015	11980			0.002	0.04	2.81	1	<0.2	<10	20	0.12	0.09	0.42	0.1	6.78	6.5	43	0.43
VA10062015	11981			0.004	0.05	9.74	2.9	<0.2	<10	20	0.2	0.09	0.2	0.13	13.25	5.1	108	0.53
VA10062015	11982			0.002	0.15	6.08	2.5	<0.2	<10	20	0.36	0.16	0.17	0.3	14.05	5.1	78	0.58
VA10062015	11983			0.003	0.13	6.19	4.4	<0.2	<10	20	0.26	0.16	0.18	0.13	11.55	4.5	75	0.57
VA10062015	11984			0.003	0.11	6.7	3.4	<0.2	<10	30	0.48	0.12	0.23	0.51	10.4	5.3	63	0.55
VA10062015	11985			0.002	0.07	5.48	2.1	<0.2	<10	30	0.52	0.12	0.27	0.13	15.5	6.7	43	0.7
VA10062015	11986			0.003	0.07	4.79	1.9	<0.2	<10	30	0.29	0.17	0.29	0.13	8.78	7.3	66	1.28
VA10062015	11987			0.005	0.08	5.85	4.9	<0.2	<10	10	0.15	0.18	0.23	0.15	7.7	3.6	93	0.54
VA10062015	11988			0.002	0.07	4.38	3	<0.2	<10	20	0.17	0.21	0.24	0.19	6.88	3.8	72	0.88
VA10062015	11989			0.004	0.02	6.38	2.8	<0.2	<10	20	0.31	0.12	0.24	0.13	9.58	5	73	0.97
VA10062015	11990			0.002	0.03	5.69	2.5	<0.2	<10	20	0.25	0.14	0.16	0.12	11.45	3.1	48	0.66
VA10062015	11991			0.002	0.11	1.94	1.2	<0.2	<10	10	0.17	0.26	0.24	0.13	6.66	3.6	51	0.26
VA10062015	11992			0.002	0.04	4.17	2.4	<0.2	<10	20	0.13	0.14	0.22	0.09	7.59	3.3	59	0.45
VA10062015	11993			0.003	0.03	2.94	0.7	<0.2	<10	30	0.24	0.08	0.43	0.1	7.95	6.2	31	0.52
VA10062015	11994			0.003	0.05	5.12	1.8	<0.2	<10	20	0.14	0.12	0.31	0.16	13.85	6.1	90	0.72
VA10062015	11995			0.003	0.04	4.47	3.6	<0.2	<10	20	0.22	0.15	0.15	0.16	11.5	3.4	51	0.36
VA10062015	11996			0.003	0.13	1.98	1.1	<0.2	<10	10	0.06	0.24	0.18	0.07	5.75	2.4	55	0.21
VA10062015	11997			0.003	0.15	4.27	2.8	<0.2	<10	30	0.36	0.17	0.2	0.27	10.4	8.3	46	0.66
VA10062015	11998			0.003	0.11	5.93	1.7	<0.2	<10	40	0.42	0.19	0.21	0.14	11.1	4.7	71	0.52
VA10062015	11999			0.003	0.14	8.51	2.2	<0.2	<10	20	0.29	0.1	0.15	0.1	13.15	3	80	0.39
VA10062015	12000			0.003	0.1	4.8	4.4	<0.2	<10	10	0.16	0.18	0.15	0.15	6.31	3.3	91	0.52

Sample #	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re
	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
11588	17.1	6.33	21.9	0.1	0.22	0.39	0.052	0.02	3.3	0.7	0.04	214	0.56	<0.01	4.87	4.6	330	12.5	1.5	<0.001
11589	25.8	8.52	40.5	0.11	0.23	0.24	0.104	0.02	3.6	3	0.25	119	1.3	0.01	8.59	9.8	550	11.6	2.1	<0.001
11590	26.1	3.44	23.8	0.14	0.22	0.29	0.062	0.01	3.9	5.4	0.16	92	1.08	0.01	6.97	6.6	290	8.2	2.5	<0.001
11591	3.9	0.67	16.7	0.12	0.09	0.11	0.019	0.02	2.9	0.9	0.03	48	1.3	<0.01	3.05	1.6	110	13.6	1.7	<0.001
11592	19.5	3.92	17.95	0.15	0.23	0.1	0.03	0.01	2.5	0.6	0.11	95	0.55	<0.01	4.32	4.2	140	7.6	1.4	<0.001
11593	27.5	11.4	45.1	0.16	0.37	0.26	0.059	0.01	1.8	0.4	0.05	61	0.93	<0.01	4.85	3.7	220	5.8	0.7	<0.001
11594	4.8	0.35	18.4	<0.05	0.1	0.11	0.024	0.01	1.9	0.2	0.01	37	0.57	0.01	2.15	1	100	13.9	0.9	<0.001
11595	6	1.4	8.84	<0.05	0.05	0.03	0.009	0.01	2.7	0.1	0.02	142	0.17	<0.01	1.69	2	60	5.4	0.4	<0.001
11596	23.9	2.47	20.9	0.05	0.13	0.24	0.054	0.02	3.8	4	0.37	202	1.04	0.01	5.32	13.8	250	8.3	2	<0.001
11597	37.4	6.74	22.2	0.15	0.49	0.6	0.088	0.01	4.4	3.7	0.2	595	0.95	0.01	5.75	11.5	380	6.8	1.4	<0.001
11598	30.7	4.48	10.05	0.1	0.85	0.42	0.059	0.01	3.9	4.8	0.13	87	0.75	0.01	4.39	8.6	410	2.7	1.4	<0.001
11599	10.2	5.65	23.6	0.09	0.14	0.12	0.023	0.02	1.8	0.3	0.04	67	0.98	0.01	5.1	4.6	180	6.7	1	<0.001
11758	57.8	3.05	12.7	0.09	0.15	0.26	0.038	0.02	5.2	6.2	0.6	243	1.15	0.02	3.56	26.8	290	4	1.9	<0.001
11759	82.6	7.64	18.2	0.15	0.73	0.57	0.077	0.01	3.5	5	0.18	97	1.16	0.01	6.4	11.9	300	4.3	1.4	<0.001
11760	10.9	4.18	35.3	0.07	0.19	0.13	0.039	0.02	2.7	1	0.12	90	0.74	0.01	4.14	4	130	9.5	1.7	<0.001
11761	42.7	6.26	19.15	0.12	0.53	0.37	0.057	0.01	4.4	5.1	0.24	144	1.12	0.02	5.03	11.3	280	5.3	1.8	<0.001
11762	67.8	4.2	11.75	0.09	0.34	0.38	0.039	0.01	4.2	4.9	0.2	142	0.86	0.02	4.83	11.5	270	3.9	1.5	<0.001
11763	36	6.62	15.65	0.11	0.29	0.36	0.058	0.01	2.8	3.9	0.14	98	0.94	0.01	5.85	7.6	330	4.5	1.5	<0.001
11764	42	6.66	17.35	0.13	0.56	0.58	0.081	0.02	5.3	6.1	0.32	197	1.28	0.02	5.04	15.7	320	5.6	2.5	<0.001
11765	49	5.48	15.5	0.13	0.8	0.6	0.055	0.02	5.2	6.5	0.25	196	0.86	0.02	5.18	13.9	340	4.5	2.1	<0.001
11766	50.2	4.48	15.2	0.1	0.17	0.28	0.043	0.02	6.9	6.1	0.48	247	0.99	0.02	4.61	19.7	290	4.5	2.3	<0.001
11767	37.5	4.01	11.05	0.1	0.41	0.29	0.048	0.01	4.6	3.7	0.17	109	1.16	0.01	4.58	9	280	3.8	1.6	<0.001
11768	40.9	2.97	12.4	0.07	0.13	0.27	0.043	0.03	3.8	4	0.28	148	1.7	0.01	3.82	12	300	5	1.9	<0.001
11769	33.5	5.48	17.9	0.1	0.28	0.41	0.047	0.02	3.1	4.5	0.21	458	1.23	0.01	4.71	11.2	430	9.2	2.2	<0.001
11770	32.9	5.03	11.9	0.12	0.66	0.85	0.06	0.01	2.5	2.5	0.1	98	0.99	0.01	4.16	5.6	530	4.6	1.2	<0.001
11771	26.5	5.31	16.7	0.11	0.28	0.42	0.043	0.01	4.4	4.3	0.09	91	1.22	0.01	5.54	6.5	300	6.1	1	<0.001
11772	72.1	2.57	11.9	0.08	0.1	0.6	0.055	0.02	5.7	7.6	0.24	3300	6.82	0.01	2.84	13.6	800	4.5	2.5	<0.001
11773	27.2	4.56	13.55	0.09	0.31	0.33	0.059	0.02	3.8	3.9	0.12	99	1.18	0.01	5.1	5.9	380	4.7	1.7	<0.001
11893	12.9	2.48	9.23	0.06	0.07	0.31	0.016	0.01	5.4	1.6	0.02	72	0.45	0.01	2.45	1.7	160	2.9	0.7	<0.001
11894	18.8	6.18	30.1	0.1	0.2	0.15	0.057	0.01	3	1.4	0.06	75	0.98	0.01	5.68	3.8	240	7.5	1	<0.001
11896	52.9	2.81	10.05	0.12	0.32	0.31	0.036	0.02	6.7	4.2	0.49	262	0.69	0.02	3.84	17	320	2.8	1.8	<0.001
11897	24.7	9.02	31.9	0.14	0.18	0.13	0.048	0.01	2.6	1.1	0.06	91	1.38	0.01	7.15	4.6	300	7.6	1.5	<0.001
11898	28.4	3.34	10.55	0.1	0.39	0.34	0.068	0.01	5.2	4.1	0.14	163	3.77	0.01	3.67	11.2	460	2.6	0.9	0.002
11916	24.5	2.57	23.8	0.07	0.14	0.3	0.06	0.02	4.9	5	0.26	131	2.04	0.01	5.83	9.8	300	8.1	2.1	<0.001
11917	41.4	1.85	14.7	0.07	0.23	0.2	0.05	0.01	5	3.4	0.33	183	0.76	0.01	4.73	12.5	280	3.9	1.1	<0.001
11918	41.5	10.3	22.2	0.18	0.95	0.56	0.109	0.01	3	3.2	0.23	104	0.71	0.01	4.74	9.6	360	4.9	1.3	<0.001
11919	46.9	2.81	13	0.11	0.5	0.35	0.059	0.01	11.3	3.7	0.31	149	1.05	0.01	4.31	12	530	3.8	1.2	<0.001
11920	35.6	4.39	18.7	0.11	0.5	0.21	0.056	0.01	4	3.2	0.23	137	0.86	0.01	5.09	9.6	230	5.1	1.2	<0.001
11921	46.3	6.88	18.3	0.16	0.94	0.79	0.08	0.01	4.5	3.9	0.31	182	1.1	0.01	4.28	12.4	330	5.5	1.5	<0.001
11922	48	3.92	15.9	0.11	0.52	0.3	0.052	0.02	4.8	4.2	0.35	176	1.11	0.02	5.02	12.4	220	6.5	1.4	<0.001
11923	48.1	2.88	9.25	0.1	0.33	0.21	0.035	0.01	6.2	3.7	0.34	173	0.79	0.02	3.89	11.6	370	2.9	1.5	<0.001
11924	55.4	5.14	18.35	0.14	0.37	0.24	0.043	0.02	6.2	4.6	0.3	157	2.65	0.02	6.05	10.9	410	7.6	1.9	<0.001
11925	16.6	7.44	37.9	0.12	0.21	0.17	0.056	0.02	2.8	1.5	0.17	101	1.42	0.01	5.85	5.3	190	7	2.2	<0.001
11926	18.3	5.8	24.7	0.11	0.24	0.17	0.041	0.01	2.3	1	0.14	97	0.68	0.01	5.17	6.3	180	6	1.1	<0.001
11927	17.9	4.13	36.3	0.08	0.14	0.15	0.044	0.02	3	1.6	0.22	124	1.14	0.01	5.9	8.4	220	10.5	1.9	<0.001
11928	27.2	6.96	21.6	0.12	0.16	0.33	0.053	0.03	4	3.4	0.18	101	2.28	0.01	5.29	7.2	340	10	2.5	<0.001
11929	39.5	7.55	22.4	0.14	0.59	0.48	0.066	0.02	3.7	4.5	0.18	416	0.99	0.01	4.76	8.8	610	10.7	2.6	<0.001
11930	22.7	5.58	26.6	<0.05	0.11	0.26	0.046	0.03	3	2.9	0.36	192	1.05	0.01	5.54	12	640	15	2.1	<0.001
11931	72.8	7.93	18.35	0.11	0.56	0.56	0.058	0.02	3.8	8.2	0.38	344	1.18	0.02	5.46	14.6	710	5	2.5	<0.001
11932	17.3	5.68	18.6	0.08	0.09	0.23	0.033	0.02	2.6	0.7	0.07	455	0.53	0.01	3.57	4.8	410	11.8	1.2	<0.001
11933	35	7.44	18.3	0.11	1.06	0.35	0.1	0.01	3	4	0.23	129	0.82	0.01	5.16	9.3	210	4.4	1.3	<0.001
11934	35.6	5.9	18.8	0.1	0.38	0.56	0.055	0.01	4.3	6.3	0.09	73	2.32	0.01	5.37	6.1	320	6.8	1.6	<0.001
11935	43.4	5.5	12.6	0.11	0.93	0.33	0.066	0.01	2.4	4.2	0.34	141	0.73	0.02	4.71	13.7	260	3	1.3	<0.001
11936	28.4	6.46	14.1	0.13	1.23	0.34	0.095	0.01	2.7	3.1	0.18	85	0.66	0.01	4.52	7.9	230	4	0.7	<0.001
11937	38.7	5.18	13.45	0.1	1.16	0.18	0.061	0.01	2.8	6.4	0.33	175	0.87	0.02	4.25	14.8	180	4.6	1.6	<0.001
11938	24.3	5.79	18.55	0.1	0.43	0.47	0.072	0.01	3.4	3.2	0.16	101	1.76	0.01	5.32	7.4	260	6.1	1.2	<0.001
11939	34	8.01	17.5	0.13	0.94	0.33	0.092	0.01	3	3.7	0.25	119	0.83	0.01	5.73	9.9	300	5	1.2	<0.001
11940	19.2	5.77	19.55	0.09	0.29	0.2	0.042	0.01	2.6	2.4	0.13	113	1.04	0.02	5.25	7.3	170	7.1	1.4	<0.001
11941	41.2	4.63	13.4	0.08	0.63	0.39	0.053	0.01	4.9	5.9	0.27	153	0.95	0.02	4.36	13	330	5	1.6	<0.001
11942	15.6	2.63	18.45	0.06	0.34	0.14	0.032	0.02	2.7	1.8	0.23	103	0.37	0.01	3.7	6.9	140	6.3	1.6	<0.001
11943	25.3	3.81	19	0.07	0.39	0.42	0.049	0.01	4.1	2.9	0.15	95	0.55	0.01	4.37	6.4	260	6.2	1.2	<0.001
11944	52.2	5.4	9.93	0.11	0.68	0.67	0.056	0.01	2.7	5.6	0.28	238	0.65	0.01	4.74	14.2	500	5.5	1.3	<0.001
11945	47.6	6.43	16.1	0.12	0.42	0.29	0.057	0.01	5.1	6.5	0.23	168	1.28	0.02	5.22	14.9	350	4	1.8	<0.001
11946	49.4	6.12	20.1	0.11	0.52	0.4	0.05	0.02	5.4	4.6	0.35	272	0.67	0.02	4.76	19.5	480	6.4	1.8	<0.001
11947	44.4	4.54	11.8	0.1	0.41	0.45	0.047	0.01	4.7	5.7	0.31	183	1.33	0.02	4.3	15.2	360	3.7	1.8	<0.001
11948	45.2	4.68	12.75	0.1	0.58	0.49	0.051	0.02	4.3	6.2	0.24	208	0.93	0.02	4.72	15.5	330	4.6	2.4	<0.001
11949	40.2	5.14	15.15	0.11	0.68	0.48	0.058	0.01	4.2	4.4	0.19	133	1.25	0.02	4.84	10.2	300	4.8	2.2	<0.001
11950	36.2	4.54	8.84	0.08	0.4	0.43	0.047	0.01	2.8	3.7	0.26	148	0.82	0.01	3.19	10.5	290	3.3	1	<0.001
11951	36.7	7.45	21.1	0.12	0.25	0.23	0.049	0.02	2.6	7.4	0.31	189	0.83	0.02	5.59	11.1	710	4.9	3.3	<0.001
11952	39.6	5.53	14.75	0.09	0.15	0.24	0.052	0.02	3.6	7.1	0.32	331	0.75	0.02	3.74	13.1	910	6.7	2.8	<0.001
11953	74.1	5.57	10.5	0.12	0.59	0.65	0.057	0.01	3.1	8.6	0.21	206	0.67	0.01	4.49	14.7	800	3.8	1.3	<0.001
11954	72	6.88	17	0.13	0.17	0.69	0.078	0.03	4.5	6	0.29	183	1.11	0.01	4.94	13.9	570	5.8	2.7	<0.001
11955	40.2	6.6	16.05	0.12	0.1	0.33	0.052	0.01	2.9	2.8	0.23	171	0.84	0.01	4.57	10.5	440	12	1.2	<0.001
11956	43.6	8.1	30.1	0.15	0.54	0.47	0.078	0.01	4.7	4.4	0.15	132	0.89	0.01	5.15	8.1	400	9.1	1.5	<0.001
11957	50.8	4.49	13.75	0.1	0.31	0.37	0.045	0.02	4.7	3.6	0.21	121	1.26	0.02	4.49	9.9	360	3.8	1.2	<0.001
11958	14.7	1.26	15.45	<0.05	0.07	0.19	0.03	0.01	2.8	1.5	0.09	98	0.49	0.01	2.89	4.5	150	6.9	1.1	<0.001
11959	46.8	4.42	10	0.09	1.2	0.4	0.057	0.01	3.8	6.1	0.16	104	0.77	0.02	4.18	9.5	240	3.8	1.3	<0.001
11960	41.7	5.26	18.05	0.13	0.78	0.46	0.063	0.01	3.2	4.1	0.12	72	0.8	<0.01	5.62	8.7	220	5.2	1.2	<0.001
11961	28.2	6.62	25.6	0.12	0.53	0.41	0.083	0.01	2.8	3.1	0.14	114	0.72	0.01	4.16	6.8	190	9.4	1.4	<0.001
11962	15.6	7.39	21.8	0.12	0.21	0.19	0.035	0.01	2.2	1	0.11	93	0.72	0.01	5.18	6.9	150	6.1	1.1	<0.001
11963	19.3	3.73	17.6	0.09	0.69	0.31	0.073	0.01	3.6	4.6	0.13	83	0.54	<0.01	4.19	7.3	240	5.5	1	<0.001
11964	32.9	9.52	24.5	0.13	0.94	0.2	0.117	0.01	2.3	2.9	0.15	93	0.88	0.01	6.51	7.5	260	4.1	1.2	<0.001
11965	22.8	1.5	11.3	0.05	0.13	0.18	0.045	0.01	4	4.4	0.35	184	0.71	0.01	3.31	13.1	150	2.9	1.2	<0.001
11966	38.7	10.1	18	0.14	1.38	0.92	0.139	0.01	5.3	2.3	0.11	68	1.18	0.01	4.37	5.2	610	3.8	1.2	<0.001
11967	28	8.94	25.8	0.1	0.67	0.4	0.102	0.01	3	2.9	0.13	89	1.09	0.01	5.97	6.8	350	6.6	1.3	<0.001
11968	51.9	1.84	11.05	<0.05	0.1	0.26	0.034	0.02	4.8	5.8	0.39	189	0.81	0.02	2.52	16.7	390	3.4	1.8	0.001
11969	38	2.72	10	0.06	0.2	0.23	0.037	0.01	4.5	4	0.45	216	0.7	0.02	3.35	16.6	250	2.3	1.3	<0.001
11970	35.5	6.46	20.2	0.07	0.2	0.18	0.046	0.02	3.3	2.6	0.21	156	1.03	0.01	5.88	9.7	190	4.6	1.4	<0.001
11971	37.1	13.05	41.7	0.15	0.16	0.2	0.066	0.01	2.6	0.3	0.06	70	0.64	0.01	3.26	4	390	5.2	1.1	<0.001
11972	40.3	8.59	24.8	0.1	0.38	0.26	0.088	0.02	2.9	4	0.11	88	1.17	0.01	6.07	8.5	410	6.9	2.1	<0.001
11973	25.9	4.15	15.35	0.05	0.23	0.23	0.046	0.01	3.9	5.5	0.28	172	2.05	0.02	5.07	12	300	4.7	2	<0.001
11974	22.9	7.83	45.7	0.05	0.2	0.27	0.097	0.02	3.1	4.3	0.19	115	3.17	0.01	7.92	8.4	310	13.1	1.9	<0.001
11975	35.6	2.33	11.2	0.06	0.14	0.27	0.038	0.02	5.6	3.5	0.36	195	0.69	0.02	3.49	13.5	390	6.1	1.3	<0.001
11976	15.9	1.88	16.2	<0.05	0.09	0.17	0.028	0.02	3.6	2.3	0.22	146	0.77	0.01	3.57	8.8	230	9.4	1.7	<0.001
11977	26.9	8.75	30	0.11	0.65	0.38	0.106	0.01	4	2.6	0.12	96	0.91	0.01	6.51	5.9	280	7.7	0.9	<0.001
11978	19.9	10.45	53.1	0.11	0.26	0.2	0.066	0.01	2.9	0.5	0.06	76	0.89	0.01	6.13	5	210	8.6	1	<0.001
11979	22.6	2.43	24.5	<0.05	0.12	0.15	0.034	0.01	4.7	2.7	0.16	133	0.98	0.01	5.95	8.3	160	9.7	1.7	<0.001
11980	33.9	2.54	11.55	<0.05	0.2	0.15	0.04	0.01	3.7	3.7	0.42	223	0.56	0.02	3.15	15.8	170	4	1.3	<0.001
11981	59	5.51	14.7	0.08	1.18	0.52	0.086	0.01	4.1	4.9	0.28	153	0.97	0.02	5.09	13.4	390	5.7	1.5	<0.001
11982	40	7.57	24.2	0.09	0.5	0.57	0.079	0.01	5.8	4.6	0.17	125	1.52	0.01	4.77	11.3	460	8.1	1.3	<0.001
11983	44.5	9.4	31.6	0.12	0.73	0.49	0.089	0.01	4.4	4.1	0.18	114	4.09	0.01	5.23	9.7	310	6.2	1.9	<0.001
11984	38.8	5.45	15.75	0.09	0.42	0.64	0.072	0.01	4.9	4.9	0.15	118	1.02	0.01	4.68	12.4	340	4.7	1.6	<0.001
11985	54.5	3.26	15.05	0.07	0.2	0.32	0.045	0.01	6.1	8.8	0.21	167	3.24	0.02	4.69	11.6	350	4.3	1.9	<0.001
11986	47.6	7.32	23	0.1	0.64	0.44	0.059	0.02	3.5	5.5	0.27	217	1.15	0.01	5.14	14.4	410	4.5	2.5	<0.001
11987	43.4	8.27	24	0.1	1.05	0.73	0.089	0.01	3.4	5.3	0.17	106	0.98	0.01	6.33	8.6	430	5.7	1.7	<0.001
11988	32.2	8.18	24	0.1	0.46	0.42	0.078	0.01	3.7	4.6	0.17	118	0.9	0.01	6.02	8.4	400	6.4	2.2	<0.001
11989	36.9	5.17	14.65	0.06	0.79	0.27	0.071	0.01	3.3	6.2	0.22	137	0.91	0.01	4.35	13	470	5.4	2.1	<0.001
11990	31.4	6.25	22.6	0.09	0.32	0.29	0.062	0.01	6.4	4.7	0.15	105	1.08	0.01	6.52	6.8	560	8.2	1.7	<0.001
11991	49.3	7.74	26.3	0.1	0.22	0.15	0.046	0.02	3.3	3	0.13	129	0.97	0.01	5.27	7.5	300	13.7	1.2	<0.001
11992	26	6.33	24.3	0.1	0.46	0.38	0.077	0.01	3.8	2.7	0.18	113	1.13	0.01	6.68	7.8	210	11.8	1.2	<0.001
11993	25.9	1.6	12	<0.05	0.13	0.2	0.034	0.01	4.5	4.7	0.37	194	0.83	0.02	3.66	14.2	190	2.9	1.8	<0.001
11994	44.5	4.96	13.9	0.07	1	0.22	0.058	0.01	3.4	5.7	0.31	191	1.16	0.02	4.74	14.9	160	4.1	2.7	<0.001
11995	38	5.05	19.65	0.08	0.46	0.48	0.053	0.01	4.7	3.1	0.16	111	0.7	0.01	5.5	9.1	230	4.7	1.2	<0.001
11996	21.6	8.12	32.3	0.1	0.28	0.28	0.065	0.01	3.2	1.2	0.08	123	0.79	0.01	5.36	5	210	7.4	0.9	<0.001
11997	83.2	5.25	17.2	0.08	0.4	0.53	0.054	0.01	4.5	6.5	0.15	196	0.91	0.01	5.59	10.7	380	6.5	2.1	<0.001
11998	33.3	7.14	22.8	0.09	0.64	0.58	0.073	0.01	5.5	5.3	0.12	138	1.02	0.02	5.7	10.3	290	6.6	2.1	<0.001
11999	37.8	6.05	16.25	0.08	0.89	0.62	0.093	0.01	5	3	0.14	101	0.89	0.01	4.72	7.7	520	5.4	1.5	<0.001
12000	29.8	10.4	26.9	0.13	0.54	0.55	0.126	0.02	3.5	3.1	0.13	100	0.95	0.01	6.45	6.6	550	13.1	1.7	<0.001

Sample #	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
11588	0.05	0.42	3.3	0.6	1.9	19.8	0.03	0.03	0.5	0.689	<0.02	0.34	332	<0.05	2.62	11	7.5
11589	0.06	0.48	3.5	1.1	1.8	11.7	0.02	0.03	0.9	0.829	0.02	0.31	360	0.05	2.41	23	8.1
11590	0.05	0.31	4.6	1.5	1.5	11.9	0.07	0.03	0.8	0.503	0.03	0.52	170	0.12	2.97	17	8
11591	0.03	0.24	1.7	0.4	1.9	6.1	0.04	0.01	0.6	0.434	0.02	0.18	90	<0.05	0.88	6	3.8
11592	0.03	0.38	2.8	0.4	1.8	13.3	0.05	0.02	0.5	0.72	<0.02	0.18	307	0.06	1.8	9	8.4
11593	0.04	0.35	2.4	0.6	2.1	5.3	0.13	0.02	0.6	0.849	<0.02	0.13	515	<0.05	1.18	7	11.5
11594	0.03	0.25	1.6	0.3	2	8	0.01	0.01	0.4	0.547	0.02	0.17	93	<0.05	0.86	4	3.7
11595	0.01	0.17	1.2	0.2	1.4	8.1	<0.01	0.01	0.5	0.43	<0.02	0.1	172	<0.05	0.74	3	1.9
11596	0.04	0.17	5	0.9	1.3	19.4	0.01	0.02	0.6	0.567	0.02	0.45	139	0.1	3.15	26	4.6
11597	0.07	0.24	10.5	2.6	1.1	13.4	0.07	0.07	1.4	0.509	0.02	0.5	201	0.15	6.29	22	16.5
11598	0.07	0.13	11	2	0.6	8.1	0.05	0.05	1.7	0.291	<0.02	0.46	117	0.12	5.28	16	27.9
11599	0.02	0.3	1.6	0.6	1.6	8.7	0.03	0.04	0.7	0.697	<0.02	0.15	398	<0.05	0.79	14	4.9
11758	0.03	0.07	6.6	1.4	0.6	19.2	0.02	0.04	0.6	0.384	0.02	0.52	105	0.12	5.85	40	5.3
11759	0.08	0.26	10.5	3.5	0.9	8.5	0.06	0.15	1.6	0.532	0.02	0.48	202	0.12	4.92	21	22.4
11760	0.03	0.25	2.7	0.6	1.8	11.8	0.01	0.03	0.9	0.715	0.02	0.2	456	<0.05	1.48	11	6.5
11761	0.07	0.16	10.8	1.6	1.1	10.9	0.04	0.09	2	0.515	<0.02	0.55	218	0.08	6.83	20	18.6
11762	0.05	0.14	10.1	2.6	0.8	11.8	0.05	0.17	1.5	0.369	0.02	0.62	144	0.17	6.94	26	11.7
11763	0.05	0.16	4.2	1.8	0.9	9.3	0.04	0.06	1.1	0.503	0.02	0.37	196	0.11	2.38	17	9.5
11764	0.12	0.14	11.9	2.6	1	13.4	0.04	0.14	2.6	0.514	0.02	0.61	183	0.12	7.72	30	18.4
11765	0.05	0.13	15	2.8	0.9	13.1	0.05	0.18	2.5	0.456	0.02	0.61	193	0.12	8.09	31	24
11766	0.04	0.07	7.9	2.5	0.8	14.1	0.02	0.1	1.1	0.414	0.03	0.67	126	0.16	8.41	38	6
11767	0.05	0.09	9.5	2.8	0.6	9.6	0.04	0.13	1.8	0.317	0.02	0.58	116	0.17	6.54	21	14.2
11768	0.04	0.11	5	1.8	0.6	13.5	0.05	0.08	0.6	0.331	0.02	0.48	98	0.12	4.45	31	4.6
11769	0.03	0.19	5.4	0.9	1.2	13.2	0.06	0.05	1.3	0.542	0.02	0.43	208	0.06	3.64	25	10.3
11770	0.07	0.27	8.8	3.4	0.7	6.7	0.08	0.15	1.7	0.295	<0.02	0.58	139	0.1	3.54	18	20.8
11771	0.05	0.27	8.2	2.1	1.2	9	0.09	0.12	1.1	0.514	<0.02	0.43	249	0.06	4.87	21	9.1
11772	0.06	0.18	6.3	2.5	0.6	10.5	0.04	0.08	0.4	0.194	0.1	0.97	81	0.13	6.37	36	3.3
11773	0.06	0.13	6.7	1.8	0.8	8.1	0.08	0.08	1.5	0.346	0.02	0.55	141	0.12	2.94	20	10.8
11893	0.04	0.13	3	1.4	0.8	3	0.02	0.07	0.8	0.223	<0.02	0.41	116	<0.05	3.48	5	2.2
11894	0.03	0.28	2.7	0.9	1.7	8.3	0.02	0.04	1	0.691	<0.02	0.33	358	<0.05	1.52	8	6.6
11896	0.04	0.07	11	2.4	0.5	18.3	0.04	0.08	1.8	0.291	0.02	0.79	90	0.21	7.57	28	11.6
11897	0.03	0.23	2.7	0.8	1.8	11.5	0.06	0.04	0.8	0.832	<0.02	0.22	370	0.05	1.46	14	6.2
11898	0.07	0.1	7.4	3.6	0.4	15.4	0.01	0.14	1.3	0.251	0.02	0.65	123	0.31	8.58	31	12.4
11916	0.05	0.31	4.9	2	1.2	13.7	0.03	0.06	0.9	0.481	0.03	0.58	169	0.11	3.37	22	5.3
11917	0.05	0.11	7.8	1.9	0.7	14.1	0.06	0.03	0.7	0.425	<0.02	0.46	132	0.13	5.88	21	7.8
11918	0.11	0.2	13.8	2	1.3	13.6	0.07	0.11	1.9	0.732	<0.02	0.4	277	<0.05	5.28	17	29.9
11919	0.06	0.12	13.7	3.7	0.6	11.5	0.07	0.06	1.8	0.325	<0.02	0.78	111	0.13	14.4	20	16.4
11920	0.06	0.17	9.3	1.8	1.1	10.9	0.06	0.08	1.7	0.511	<0.02	0.55	209	0.07	4.89	16	15.4
11921	0.12	0.17	16.6	3.7	1	11.7	0.04	0.22	2.8	0.491	<0.02	0.83	203	0.08	6.6	21	30.6
11922	0.06	0.3	11.1	2.9	1	14.3	0.05	0.16	1.7	0.453	<0.02	0.63	154	0.1	6.83	22	16.6
11923	0.05	0.09	9.5	3.3	0.5	14	0.06	0.1	1.5	0.298	0.02	0.66	91	0.2	7.46	20	12.1
11924	0.09	0.31	10.5	3.5	1.1	16.8	0.08	0.21	1.1	0.597	0.02	0.51	228	0.14	14.25	19	11.2
11925	0.04	0.36	2.8	1.2	1.4	14.2	0.01	0.07	0.8	0.638	0.02	0.27	357	<0.05	1.77	13	6.4
11926	0.04	0.36	3.7	1.1	1.5	10.7	0.08	0.04	0.8	0.71	<0.02	0.2	343	<0.05	1.83	10	7.7
11927	0.03	0.37	3.7	0.8	1.8	18	0.01	0.04	0.7	0.878	0.02	0.34	399	<0.05	2.24	19	4.7
11928	0.04	0.39	3.4	1.7	1.4	11.1	0.01	0.09	1.1	0.488	0.02	0.63	218	0.07	2.35	19	5.7
11929	0.07	0.44	9	1.7	1.5	10.6	0.07	0.09	2	0.576	0.02	0.45	293	<0.05	3.84	31	19.6
11930	0.05	0.38	3.5	0.6	1.4	15.3	0.01	0.01	0.6	0.651	0.02	0.41	287	<0.05	2.4	31	4.3
11931	0.06	0.22	11.4	2	1.1	15.6	0.06	0.06	1.2	0.659	0.02	0.46	246	0.1	6.73	50	17.6
11932	0.04	0.61	2.4	0.6	1.5	11.5	0.01	0.02	0.4	0.601	0.02	0.22	291	<0.05	2.12	16	3.1
11933	0.06	0.2	16.1	2	0.9	10.7	0.07	0.05	2.3	0.496	0.02	0.59	188	0.05	4.7	13	32.6
11934	0.05	0.29	10.4	2.3	1.3	8.8	0.1	0.07	1.2	0.475	0.02	0.48	216	<0.05	4.76	14	12.2
11935	0.17	0.19	18.8	2.5	0.8	15.6	0.06	0.07	1.8	0.463	<0.02	0.58	145	0.07	5.75	16	28.7
11936	0.08	0.16	21.2	3	0.7	8	0.06	0.04	2.5	0.345	<0.02	0.59	131	0.07	4.27	8	35.4
11937	0.13	0.16	21.5	2.4	0.9	13.5	0.05	0.05	2.4	0.413	0.02	0.8	149	0.06	3.98	18	35
11938	0.05	0.27	6.9	1.9	1.2	10.2	0.06	0.03	1.8	0.453	0.02	0.69	179	<0.05	2.87	12	13.7
11939	0.07	0.27	14.9	2.3	1	12.5	0.08	0.05	2	0.529	<0.02	0.49	187	0.07	3.99	13	29.4
11940	0.03	0.25	5.3	1.1	1.4	11.2	0.06	0.02	1	0.598	0.02	0.3	237	<0.05	2.05	16	10
11941	0.04	0.18	12.5	1.8	1	16.9	0.07	0.04	1.9	0.437	0.02	0.64	157	0.06	8.84	18	20.5
11942	0.04	0.33	6.2	0.6	1.4	14.1	0.12	0.02	0.9	0.491	<0.02	0.27	162	<0.05	2.07	11	10.6
11943	0.03	0.24	10	1	1.4	15	0.1	0.03	1.1	0.613	0.02	0.48	180	<0.05	4.15	14	12.5
11944	0.08	0.41	13.7	2.7	0.7	13.3	0.08	0.07	1.4	0.413	0.02	0.47	129	0.11	4.75	29	21.9
11945	0.04	0.18	11.9	1.6	1	12.3	0.05	0.04	1.3	0.523	0.02	0.5	217	0.08	8.61	38	14.5
11946	0.04	0.19	13.2	1.4	1.3	12.8	0.05	0.06	1.6	0.53	0.02	0.6	244	<0.05	8.95	29	18.4
11947	0.08	0.15	13.2	2.4	0.7	13	0.07	0.07	1.7	0.355	0.02	0.67	124	0.16	6.57	24	13.3
11948	0.06	0.16	16.4	2.3	0.8	14.1	0.03	0.07	2	0.398	0.02	0.64	147	0.85	7.93	32	18
11949	0.08	0.23	16.4	2.9	0.9	9.9	0.04	0.1	2.4	0.366	0.02	0.88	161	0.12	6.62	19	21.8
11950	0.06	0.13	9.3	1.7	0.5	7.3	0.03	0.05	1.6	0.293	<0.02	0.59	118	0.1	2.79	18	14.7
11951	0.04	0.28	5.2	0.9	1.1	18.3	0.03	0.04	1	0.579	0.02	0.26	220	0.1	2.16	35	9
11952	0.03	0.23	5.2	0.9	1	15.2	0.03	0.03	1	0.387	0.03	0.45	149	0.07	2.7	32	5.5
11953	0.09	0.52	12.6	3.2	0.7	10.1	0.02	0.1	1.2	0.323	0.02	0.44	119	0.15	5.66	33	18.3
11954	0.08	0.3	6.8	3.3	1	11.8	0.01	0.08	0.6	0.373	0.03	0.79	131	0.12	5.04	25	6.2
11955	0.05	0.33	3.6	1.4	1	14.4	0.01	0.05	0.5	0.433	0.02	0.38	165	0.1	2.99	20	3.9
11956	0.12	0.19	9.5	1.3	1.7	11.1	0.09	0.03	1.5	0.73	0.02	0.57	281	<0.05	5.57	22	16.3
11957	0.07	0.15	12.8	2.5	0.8	10.4	0.08	0.08	0.9	0.387	0.02	0.72	139	0.11	8.37	14	11.2
11958	0.03	0.15	2.8	0.5	1.4	11.3	0.01	0.01	0.3	0.452	<0.02	0.32	119	<0.05	1.5	10	2.6
11959	0.11	0.15	20.6	1.9	0.7	10.2	0.01	0.04	2.6	0.349	0.02	0.72	135	0.08	5.45	14	37.4
11960	0.04	0.23	12.6	1.9	1	10.8	0.08	0.04	1.7	0.484	0.02	0.47	186	0.06	4.02	15	24.3
11961	0.05	0.36	6.8	0.9	1.6	10	0.06	0.03	1.8	0.506	0.02	0.41	261	<0.05	2.13	13	17.8
11962	0.03	0.33	3.2	0.8	1.3	12.1	0.03	0.03	0.7	0.614	<0.02	0.19	280	<0.05	1.82	8	7.3
11963	0.04	0.16	12	1	1.1	11.6	0.05	0.01	1.6	0.429	0.02	0.48	224	0.08	3.41	19	23.5
11964	0.06	0.22	8.5	1.2	1.1	12.8	0.09	0.02	1.7	0.652	0.02	0.31	227	0.06	2.86	17	30.8
11965	0.03	0.09	5.4	0.8	0.6	19.1	0.01	0.01	0.4	0.298	0.02	0.32	79	0.15	3.99	21	4.5
11966	0.19	0.11	22	4.2	0.5	5.7	0.05	0.1	2.7	0.315	<0.02	0.81	165	0.14	7.87	11	41.2
11967	0.06	0.21	8.1	1.2	1.2	10.7	0.07	0.05	1.9	0.531	0.02	0.44	256	0.06	2.76	10	23.7
11968	0.04	0.08	5	1.3	0.5	22.6	0.03	0.03	0.2	0.232	0.03	0.53	58	0.12	5.64	31	3.8
11969	0.04	0.06	6.5	1.6	0.4	21.8	0.04	0.03	0.8	0.298	0.02	0.5	73	0.19	5.52	26	8.3
11970	0.04	0.13	4.1	1.1	1.1	15.5	0.02	0.04	0.7	0.607	0.02	0.31	220	0.11	3.38	31	7.2
11971	0.05	0.24	2.4	0.5	1.6	11.3	0.06	0.05	0.5	0.776	<0.02	0.17	471	<0.05	1.4	8	5.2
11972	0.06	0.26	4.2	1.1	1.2	9	0.07	0.05	1.2	0.539	0.02	0.29	223	0.06	1.75	17	12.3
11973	0.04	0.11	6	1.1	0.9	16	0.03	0.03	1.1	0.419	0.03	0.44	151	0.15	3.22	25	8.6
11974	0.04	0.36	3.8	0.8	1.6	12.1	0.03	0.02	1.2	0.842	0.02	0.48	430	<0.05	2.6	25	7.6
11975	0.04	0.19	6.8	1.6	0.5	16.9	0.06	<0.01	0.6	0.288	<0.02	0.65	84	0.12	6.27	27	5.5
11976	0.03	0.23	3.1	0.4	1	16.1	0.03	0.01	0.5	0.418	0.02	0.34	130	<0.05	2.82	20	3.2
11977	0.07	0.25	7	1.8	1.5	9.5	0.08	0.06	2.1	0.611	<0.02	0.45	283	<0.05	3.41	11	20.8
11978	0.04	0.29	2.6	0.6	2.4	9.9	0.13	0.05	1	0.905	<0.02	0.26	541	<0.05	1.49	9	8.3
11979	0.03	0.16	3.8	0.6	1.7	16.2	0.01	0.03	0.8	0.609	0.02	0.29	206	<0.05	2.92	19	4.4
11980	0.03	0.11	6.4	0.8	0.6	21.7	0.02	0.02	1.1	0.307	<0.02	0.3	105	0.08	3.96	24	7.5
11981	0.11	0.17	21.8	3.6	0.7	12.8	0.01	0.09	2.6	0.359	0.02	0.86	134	0.16	6.68	25	37.6
11982	0.07	0.24	12.1	2	1.2	9.7	0.05	0.09	1.5	0.442	0.02	0.58	237	0.06	8.79	24	17.9
11983	0.05	0.22	11.4	1.3	1.3	13.2	0.06	0.08	1.7	0.631	<0.02	0.49	297	0.05	5.72	15	22
11984	0.07	0.15	9.6	2.8	0.8	15.2	0.04	0.09	1.4	0.327	0.03	0.54	144	0.12	6.61	26	14.1
11985	0.05	0.11	7.7	2.9	0.8	17.9	0.07	0.06	1	0.363	0.02	0.62	143	0.2	7.04	38	8.1
11986	0.06	0.15	8.7	1.4	1.1	35.9	0.03	0.07	1.6	0.659	0.02	0.51	240	0.09	5.11	32	19.3
11987	0.11	0.27	8.7	1.6	1.2	13.8	0.05	0.09	2.2	0.611	<0.02	0.47	227	0.07	3.51	18	32
11988	0.07	0.27	6.1	1.3	1.3	13.9	0.06	0.09	1.5	0.557	0.02	0.39	239	<0.05	3.07	17	15.9
11989	0.07	0.18	11.6	1.5	0.8	13.2	0.04	0.06	2.2	0.368	0.02	0.67	145	0.08	3.39	20	26.6
11990	0.06	0.26	7.3	1.5	1	10.8	0.09	0.07	3.1	0.452	0.02	0.84	206	0.12	3.7	14	12.6
11991	0.03	0.36	4	0.7	1.8	15.1	0.03	0.05	0.8	0.927	<0.02	0.33	414	<0.05	3.49	17	7.5
11992	0.06	0.33	6.4	1.9	1.1	12.7	0.07	0.07	1.8	0.556	0.02	0.54	205	0.08	3.44	16	14.6
11993	0.03	0.05	6.1	0.8	0.6	20.6	0.04	0.02	0.5	0.347	0.02	0.39	84	0.16	4.87	27	5.3
11994	0.06	0.1	19.9	1.7	0.8	18.4	0.04	0.07	2.6	0.421	0.02	1.03	150	0.13	3.53	38	35.1
11995	0.07	0.22	7.4	1.6	1.1	10.6	0.08	0.07	1.4	0.425	<0.02	0.39	209	0.07	4.45	15	14.7
11996	0.04	0.23	3.1	0.6	1.8	11.6	0.05	0.07	1.1	0.739	<0.02	0.27	353	<0.05	1.7	13	9.5
11997	0.05	0.23	5.9	1.5	1.1	13.8	0.06	0.07	1.4	0.468	0.02	0.45	192	0.1	4.22	28	13.5
11998	0.05	0.16	9.8	1.7	1.2	15.3	0.06	0.08	2.1	0.477	<0.02	0.54	213	0.08	6.59	25	21
11999	0.09	0.12	14.4	3.1	0.7	9.2	0.03	0.1	2.6	0.311	<0.02	0.81	125	0.12	7.33	14	29.2
12000	0.09	0.49	5.7	1.5	1.3	9.7	0.06	0.12	1.5	0.603	<0.02	0.44	254	0.07	3.25	17	16.1

2010 Soil Sample Geochemistry Highlights

Sample #	Easting	Northing	Elevation	Au(ppm)	Ba(ppm)	Co(ppm)	Cu(ppm)	Ga(ppm)	Mo(ppm)	Pb(ppm)
11601	292949	5571944	545	0.004	30	5.3	58.1	16.1	1.2	5.8
11602	292908	5571970	537	0.003	20	4.7	71.6	12.9	1.92	4.7
11603	292856	5571975	537	0.003	20	8.2	73.1	16.7	1.58	4
11604	292807	5572001	540	0.004	20	9.8	138.5	11	0.99	3.9
11605	292766	5572004	550	0.004	20	4.7	60.4	16.1	0.98	4.5
11606	292718	5572005	562	0.002	20	2.9	28.7	20.3	5.04	4.7
11607	292669	5572045	565	0.002	30	5.9	111	15.1	1.14	4.4
11608	292619	5572059	569	0.003	20	20.9	120	11.3	2.71	13.4
11609	292573	5572078	566	0.002	20	17.5	124.5	19.85	1.09	10.4
11610	292517	5572109	558	0.002	80	25.2	65.2	12.3	0.81	3.3
11611	292487	5572122	576	0.002	20	6.2	61.6	33.3	1.33	6.7
11612	292420	5572113	569	0.003	240	20.8	98.4	19.25	0.91	4.1
11613	292365	5572125	564	0.003	20	14.1	78.5	9.86	1.39	3.3
11614	292932	5572072	513	0.003	10	2.7	27.9	17.9	2.07	10.3
11615	292820	5572077	524	0.002	20	3.9	62.4	13.3	1.24	3.4
11616	292793	5572154	513	0.002	20	4.1	76.9	16.55	0.88	5.4
11617	292772	5572156	522	0.003	10	3.2	27.9	21.5	0.85	5.5
11618	292724	5572158	536	0.002	20	4.9	153	12.4	0.79	3.9
11619	292561	5572193	548	0.003	10	3.7	46.6	20.9	0.87	6.3
11620	292518	5572217	544	0.004	10	2.4	23.8	25.3	0.84	7.5
11621	292488	5572232	536	0.003	20	5.1	57.2	16	0.92	4.9
11651	293001	5572175	491	0.004	40	9	72.4	10.05	1.39	2.6
11652	292963	5572151	489	0.002	20	6.6	40.6	16.25	1.59	5.9
11653	292913	5572186	488	0.006	20	4.1	45.3	16	1.23	5.1
11654	292859	5572214	479	<0.001	40	10.4	55.3	10.65	1.39	15.6
11655	292809	5572209	505	0.002	30	7.8	116.5	11.45	0.8	5.5
11656	292720	5572246	554	0.002	10	3.4	33.6	19.6	0.81	5.7
11657	292667	5572268	543	0.003	30	9.8	89	12.45	0.77	5.2
11658	292622	5572272	537	0.001	10	3.5	24.3	19.7	0.53	6.1
11659	292577	5572287	533	0.002	40	10.1	61.8	21.5	0.84	4.7
11660	292528	5572299	536	0.002	30	9.5	58.7	17.2	0.7	5.9
11661	292481	5572310	536	0.002	20	4.7	51.9	25.1	0.96	7.5
11622	292325	5572134	563	0.003	10	7.1	91.1	10.75	0.71	4.1
11623	292288	5572157	553	0.002	10	18.4	64.8	10.85	0.68	3.6
11624	292247	5572168	556	0.003	10	8	56.7	11.1	0.7	2.6
11625	292183	5572176	555	0.002	20	26.3	51.8	12.25	0.87	8.8
11626	292143	5572217	552	0.002	<10	4	48.8	12.35	0.69	3.2
11627	292085	5572202	558	0.002	10	12.8	97.3	12.95	0.91	3.7
11628	292038	5572222	558	0.003	20	12.6	58.7	19.4	0.73	4.8
11629	292007	5572236	555	0.003	10	8.1	61.8	21.5	0.6	3.8
11630	291953	5572257	557	0.003	10	6.6	52.6	11.25	0.75	3.6
11631	291915	5572284	555	0.004	20	9	77.2	22.9	0.99	6.7
11632	291880	5572301	548	0.004	10	5.6	27.7	15.45	0.88	5.9
11633	292411	5572242	538	0.003	20	60.2	90.6	12.4	2.21	5.1
11634	292358	5572243	539	0.003	20	51.7	83.6	12.85	2.04	5
11635	292323	5572256	533	0.003	20	5	36	12.65	0.61	4.1
11636	292268	5572293	537	0.007	<10	1.9	19.5	27.7	0.9	8.9
11637	292217	5572296	542	0.003	10	5.7	49.6	12.1	0.75	3.8
11638	292178	5572329	541	0.004	20	14.9	110.5	10.95	0.92	3
11639	292140	5572332	574	0.006	10	9.5	83.1	13.55	0.8	5
11640	292086	5572331	562	0.003	10	7.4	63.1	19.5	0.91	6.9
11641	292037	5572345	536	0.003	20	10.7	78.1	20.4	0.86	4.6
11642	291987	5572373	?	0.003	30	10.6	54.3	12.85	0.62	3.4
11643	291888	5572362	613	0.002	30	7.7	33.1	20.4	0.57	5.9
11644	291969	5572624	478	0.004	20	6.8	49.5	27.1	0.82	6.5
11645	292007	5572611	507	0.006	<10	3.9	11.4	10.15	0.2	4.3
11646	292049	5572572	657	0.004	20	6.8	55.1	19.45	0.7	6
11647	292531	5572430	469	0.003	20	7.1	54.5	11.5	0.89	3.2
11648	292575	5572409	483	0.008	20	3.8	64.2	11.85	1.17	3.3
11649	292644	5572389	504	0.004	10	4.1	44.1	41	0.67	6.9
11650	292671	5572431	451	0.002	40	15.3	80.8	13.2	0.47	2.7
11662	291879	5572377	542	0.002	20	6.5	51.1	19.75	1.51	4.2
11663	291928	5572496	516	0.001	50	12.5	47.1	15.85	0.89	8.8
11664	291823	5572493	516	0.003	20	14.2	54.4	18.55	1.29	5.7
11665	291722	5572572	533	0.002	20	7.6	36.4	17.85	0.79	5.5
11666	291632	5572590	517	0.002	10	5.2	26.9	19.2	1.31	5.9
11667	291583	5572367	561	0.002	10	3.2	22.8	24.3	1.12	7.3
11668	291668	5572360	574	0.002	20	11.9	47.2	18.6	1.03	5.5
11669	291760	5572336	570	0.008	40	18.1	116	16.25	1.13	3.3
11670	291957	5572481	564	0.013	20	6.7	41.7	30	1.09	8.1
11671	292016	5572463	555	0.008	40	13.7	67.3	15.6	0.96	4.5
11672	292077	5572447	554	0.002	30	4.5	39	22.4	1.24	6.9
11673	292096	5572438	557	0.004	30	10.3	78.4	12.95	0.79	3.4
11674	292143	5572416	546	0.002	10	3.7	33.8	22.2	0.64	9.8
11675	292198	5572403	550	0.004	20	7.3	92.4	18.05	0.99	6.6
11676	292236	5572409	528	0.003	30	7	64.4	15.05	0.68	4.4
11677	292292	5572385	525	0.003	20	4.8	54.5	25.3	0.88	6.5

2010 Soil Sample Geochemistry Highlights

Sample #	Easting	Northing	Elevation	Au(ppm)	Ba(ppm)	Co(ppm)	Cu(ppm)	Ga(ppm)	Mo(ppm)	Pb(ppm)
11678	292341	5572350	531	0.003	30	5.3	64.3	16.95	1.12	4.7
11679	292410	5572344	524	0.002	30	5.7	42	13.6	0.75	4.8
11680	292477	5572335	469	0.187	30	4.1	37.7	16.65	0.74	4.1
11681	292467	5572448	482	0.003	10	3.7	39.3	32.3	0.8	5.6
11682	292433	5572460	478	0.003	30	7.1	59.9	12.8	0.88	3.7
11683	292386	5572480	503	0.002	20	6.9	44.4	21.1	0.91	11.6
11684	292281	5572567	445	0.003	40	8.8	77.8	17.9	0.59	3.6
11685	292274	5572526	505	0.003	40	17.8	129	16.8	1.01	3.8
11686	292226	5572522	520	0.004	30	13	115.5	12.4	0.77	3.5
11687	292175	5572525	437	0.002	20	8.1	37.8	20.3	0.68	5.3
11688	292149	5572568	441	0.004	40	18.8	110.5	11.9	0.94	2.9
11689	292106	5572570	441	0.003	20	8.4	64.2	13.15	0.71	3.5
11690	291996	5572726	440	0.003	20	9.7	84.9	18.6	0.88	4.5
11691	292045	5572740	442	0.003	30	12.6	50.1	15.55	0.64	4
11692	292090	5572715	444	0.001	30	16.4	61	17.7	2.64	5.4
11693	292138	5572696	443	0.002	10	7.1	46.8	24.3	0.82	6.4
11694	292185	5572669	450	0.002	30	10.4	45.5	20	0.68	5.3
11695	292225	5572645	457	0.005	20	9.6	58.3	14.8	0.84	3.4
11696	292275	5572632	459	0.003	30	7.4	41.2	20.1	0.82	5.4
11697	292327	5572627	452	0.003	20	11.9	67.1	14.85	0.68	3.8
11698	292392	5572618	433	0.002	30	10.1	55.2	14.85	0.84	4.4
11699	292823	5572593	382	0.002	20	13.5	57.6	17.85	0.81	4
11700	292788	5572608	391	0.002	20	5.8	39.7	21.1	0.81	4
11701	292720	5572394	495	0.001	20	24.9	99.8	19	0.5	4.6
11702	292768	5572330	510	0.003	20	5	59.2	17.1	0.74	4.8
11703	292806	5572383	475	0.003	10	5.2	81	21.6	0.89	3
11704	292860	5572338	472	0.002	30	7	76.1	18.6	0.97	4.6
11705	292895	5572297	436	0.003	40	8.1	87.3	11.85	0.78	3.7
11706	292974	5572306	462	0.003	20	3.5	49	17.2	0.91	3.8
11707	293003	5572271	468	0.002	20	3.1	41.6	12.8	0.9	4.4
11708	293044	5572274	444	0.002	30	7.1	68.6	12.35	0.9	4.2
11709	293075	5572390	418	0.002	20	4	30.4	14.85	0.69	3.5
11710	293023	5572402	427	0.002	10	3.4	32.6	17	1.05	7.5
11711	292984	5572411	425	0.003	20	5.1	47.4	11.1	1.26	6.1
11712	292929	5572431	413	0.004	10	6.3	46.3	15.15	0.8	7.1
11713	292880	5572575	382	0.002	20	8.7	148.5	18.15	0.95	9.6
11714	292956	5572538	390	0.003	10	4.9	27.2	14.7	0.74	4.2
11715	293009	5572507	390	0.003	10	4.1	41.5	14.85	1.36	4.9
11716	293059	5572539	390	0.003	20	5.2	45	14.2	0.76	5.1
11717	293115	5572494	425	0.003	10	5.1	47.6	14.6	0.69	4.7
11718	293135	5572676	388	0.003	30	9.7	84.4	9	0.76	2.2
11719	293079	5572636		0.004	10	3.4	43.6	14.15	0.85	3.1
11801	292730	5572630	383	0.002	30	10.8	52.9	12.95	1.04	4.7
11802	292676	5572650	383	0.002	20	6.3	45.4	15.85	1.15	4.4
11803	292635	5572656	389	0.002	10	3.5	37	16.95	1.41	3.3
11804	292573	5572646	388	0.002	40	7	52.9	12.7	0.94	2.3
11805	292534	5572680	388	0.002	40	8.4	46.1	12.1	0.62	3.6
11806	292493	5572701	379	0.004	40	8.7	67.8	22.3	1.61	4.8
11807	292444	5572587	424	0.003	20	6.3	48.3	12.95	0.76	4.5
11808	292465	5572577	432	0.002	40	46.1	43.1	15.1	1.34	8.3
11809	292519	5572559	441	0.002	40	8.9	100	20.5	1.13	6.8
11810	292568	5572536	444	0.003	10	4.4	34.5	23.5	0.63	36.9
11811	292623	5572536	424	0.002	30	7.8	56.2	11.15	0.89	4.2
11812	292666	5572505	435	0.002	30	10.3	61.4	11.35	0.68	5
11813	292714	5572514	436	0.002	20	6.8	60.1	12.95	0.74	3.3
11814	292759	5572475	436	0.002	20	12.1	41.4	11.4	0.77	3
11815	292820	5572467	434	0.001	30	9.2	45.4	15.8	0.55	6.5
11816	292884	5572446	417	0.002	30	22.6	159.5	19.05	0.89	6.4
11817	292574	5572788	375	0.002	30	7.6	39.7	14.2	1.64	6.6
11818	292649	5572784	377	0.002	30	16.9	37.8	15.65	1.85	9.6
11819	292682	5572777	368	0.003	30	8.2	52	8.6	0.65	3.1
11820	292754	5572735	371	0.002	10	3.1	33.7	11.25	0.91	3.6
11821	292788	5572757	373	0.004	20	5.4	47.3	11.2	0.88	4
11822	292806	5572700	374	0.003	30	30.1	64.3	11.45	2.5	4.4
11823	292876	5572705	359	0.003	30	7.2	47.7	13.95	1.5	3.9
11824	292907	5572686	357	0.003	40	19.9	132.5	9.08	0.86	2.8
11825	292955	5572663	358	0.004	20	6.8	47.3	15.55	0.99	3.4
11826	293015	5572671	360	0.001	30	4.6	36.3	14.8	0.92	5.2
11720	293103	5572851	301	0.005	20	7.4	61.6	14.15	1.74	3.1
11721	293147	5572892	300	0.005	10	5.3	47	17.95	4.15	4.9
11722	293188	5572847	313	0.002	10	3.7	35.9	13.45	1.03	9.9
11723	293234	5572837	327	0.003	30	7.5	51.1	12.55	0.76	6.5
11724	293194	5572719	358	0.003	10	3.4	48.7	24.9	0.95	12
11725	293154	5572740	350	0.003	10	5.6	53	8.14	0.56	2
11726	293105	5572736	337	0.003	10	4.4	41.7	12.1	0.7	2.7
11727	293054	5572748	325	0.003	10	4.8	35.2	15.05	0.9	6.3
11728	292988	5572765	315	0.003	30	7.1	115.5	6.51	0.4	4.9

2010 Soil Sample Geochemistry Highlights

Sample #	Easting	Northing	Elevation	Au(ppm)	Ba(ppm)	Co(ppm)	Cu(ppm)	Ga(ppm)	Mo(ppm)	Pb(ppm)
11729	292049	5573077	376	0.005	10	5.7	48.8	14.1	0.83	3.8
11730	292093	5573069	393	0.004	10	7.9	47.7	17.15	1.09	4.8
11731	292143	5573053	411	0.002	10	5.1	46.2	14	1.11	5
11732	292186	5573055	419	0.005	20	10.2	37.5	10.75	1	4.1
11733	292230	5573006	417	0.006	30	15.5	91.1	12	0.97	2.8
11734	292271	5572983	413	0.002	10	12.5	41.9	15.4	0.64	4.2
11735	292327	5572980	397	0.003	30	8.9	49.3	17.25	0.74	5.7
11736	292372	5572957	390	0.003	10	4.5	40.1	30.4	0.95	7.2
11737	292417	5572947	379	0.002	20	10.8	25.2	19.5	1.11	8.7
11738	292472	5572954	367	0.002	20	5.5	41.2	13.35	0.78	3.6
11739	292523	5572925	364	0.003	20	10.7	61	9.31	0.49	1.9
11740	292574	5572915	352	0.003	10	8.3	45.3	12.1	0.58	2.9
11741	292633	5572906	355	0.004	10	2.7	32.6	14.15	0.7	4.3
11742	292670	5572884	355	0.004	20	7.8	61.9	10.35	0.83	3.9
11743	292720	5572867	353	0.004	10	4.7	27.6	10.7	0.76	3.8
11744	292762	5572864	352	0.003	20	5.5	45.7	13.5	0.68	3.5
11745	292809	5572837	338	0.003	10	4.2	34	16.4	1.03	5
11746	292846	5572815	340	0.003	10	3.8	33.7	11.6	0.76	3.3
11747	292893	5572810	342	0.002	40	29.5	38.7	9.66	2.52	4.6
11748	292945	5572786	339	0.004	20	10.6	51.4	12.75	0.67	2.8
11749	293285	5572937	332	0.002	10	5.7	43.6	10.2	0.55	2.6
11750	293253	5572948	302	0.004	20	5.3	26.6	19.5	0.75	5.1
11827	292548	5572825	352	0.003	20	6.5	56.2	9.39	0.62	2.9
11828	292480	5572815	374	0.002	30	12.7	75.5	14.65	0.82	4.4
11829	292432	5572835	382	0.004	10	4	44.2	28.8	0.81	5.4
11830	292381	5572858	387	0.005	20	7.3	102.5	11.85	0.61	3.4
11831	292333	5572884	401	0.014	10	4.7	31.9	34.1	0.65	8.7
11832	292295	5572898	420	0.004	10	5.5	45.5	22.6	0.75	8.6
11833	292258	5572898	434	0.005	20	12.1	86.4	13	0.9	4.1
11834	292193	5572896	434	0.004	10	8.5	66.5	23.1	0.89	4.4
11835	292154	5572930		0.004	10	12.5	46.1	15.35	1.06	5.4
11836	292108	5572938	416	0.003	20	17.9	70.9	14.85	1.33	3.5
11837	292060	5572961	409	0.005	30	42.3	39.1	17.4	2.3	7.2
11838	291971	5572987	398	0.005	20	13.2	89.2	13.9	0.88	3.1
11839	293037	5572901	316	0.003	<10	4.3	30	30.8	1.05	7.1
11840	292997	5572899	300	0.005	10	9.6	77.2	16.5	1.12	2.5
11841	292954	5572921	311	0.003	30	11.6	64.8	16.25	2.92	5.7
11842	292910	5572921	316	0.001	20	34.9	47.4	9.92	2.49	4
11843	292852	5572949	324	0.002	<10	4.2	26.4	19.9	0.75	9.3
11844	292802	5572948	324	0.003	20	7.6	40.1	13.65	1.98	4.8
11845	292758	5572995	328	0.003	10	4.9	44.3	11.1	0.77	3.2
11846	292709	5572982	325	0.005	10	4.3	42.7	25.3	1.18	5.8
11847	292662	5573000	329	0.003	10	3.7	32.8	15.3	0.87	3.7
11848	292632	5573019	320	0.005	40	12.4	73.4	14.35	1.62	4.5
11849	292561	5573044	335	0.003	<10	3.5	29.8	30.9	0.76	7.5
11850	292513	5573043	341	0.003	20	10.4	39.8	10	0.91	3.2
11851	292463	5573060	349	0.003	10	14.3	39	14.25	1.33	3.6
11852	292421	5573060	356	0.004	20	11.7	55.1	12.15	0.92	3.5
11853	292368	5573087	363	0.003	10	6	40.1	15.3	0.81	2.9
11854	292326	5573096	377	0.003	<10	12.5	67.3	14.3	0.76	3
11855	292282	5573120	375	0.003	10	8.2	24.8	20.4	0.68	7.1
11856	292232	5573128	375	0.004	10	14.4	59.9	13.65	0.88	2.8
11857	292182	5573138	364	0.003	<10	6.3	42.7	13.6	0.77	3.3
11858	292151	5573139	352	0.004	<10	6.6	48.7	14.65	0.99	3.2
11859	292088	5573166	342	0.004	10	11.2	51.4	17.55	1.5	5.6
11860	293315	5572999	322	0.004	10	8.5	57.6	14.25	0.92	2.4
11861	293277	5573033	301	0.003	10	10.5	37.9	13.25	0.87	3.7
11862	292226	5573057	291	0.005	10	8.3	44.9	14.6	1.29	4.3
11863	293179	5573062	285	0.003	<10	2.5	23.2	36.7	0.98	7.1
11864	293128	5573082	271	0.003	10	6.6	28.9	15	1.11	4.6
11865	293087	5573102	259	0.005	<10	3.4	30.4	19.65	0.76	5.3
11866	293028	5573086	234	0.003	10	7.4	47.7	12.85	1.63	7.7
11867	292983	5573155	248	0.002	50	7.1	50.8	11.7	0.61	2.5
11868	292928	5573134	276	0.002	20	6.5	39.5	12.6	1.93	3.7
11869	292895	5573169	277	0.002	30	6.6	42.7	11	0.64	2.9
11870	292841	5573161	287	0.003	20	7.6	44.7	9.72	0.93	3.7
11871	292807	5573175	286	0.002	20	5.9	43.2	15.45	1.12	4
11872	292755	5573200	294	0.003	20	10.3	74.1	15.2	1.92	4.5
11873	292705	5573216	306	0.002	10	6.1	41.5	15.25	0.81	5
11874	292645	5573237	317	0.002	20	5.3	32.7	7.62	0.26	1.9
11875	292598	5573235	329	0.003	30	10.5	59.1	11.25	1.04	3.4
11876	292566	5573244	326	0.004	10	6.3	47.3	11.8	0.88	3.6
11877	292514	5573279	315	0.003	20	10.4	52.9	15.55	1.42	5
11878	292469	5573281	319	0.003	10	7.5	48.6	14.7	1.48	4.4
11879	292412	5573305	310	0.002	20	13.8	43.6	15.55	1.65	5.6
11880	292369	5573314	314	0.004	<10	5.2	38.8	20.6	1.01	4.3
11881	292316	5573325	321	0.001	20	20.7	42.8	14.2	1.32	5.7

2010 Soil Sample Geochemistry Highlights

Sample #	Easting	Northing	Elevation	Au(ppm)	Ba(ppm)	Co(ppm)	Cu(ppm)	Ga(ppm)	Mo(ppm)	Pb(ppm)
11882	292275	5573339	328	0.003	10	13.1	52.4	12.5	0.91	4.1
11883	292227	5573358	339	0.006	10	11.8	83.6	9.9	1.2	3.3
11884	292178	5573372	339	0.003	<10	4.4	45.9	23.7	1.08	5.7
11885	292140	5573269	346	0.005	<10	7	50.2	20.8	0.96	3.9
11886	292198	5573279	342	0.003	10	7	37.9	15.4	1.13	5.1
11887	292247	5573244	332	0.002	20	12.5	56.7	13.95	1.52	5
11888	292291	5573197	330	0.003	10	7	35.3	14.95	1.09	6.1
11889	292344	5573216	326	0.003	10	11.5	45.7	13.65	1.63	4
11890	292377	5573216	326	0.002	<10	4	35.3	15.45	1.18	3.9
11891	292444	5573201	326	0.004	10	6.3	51.8	15.8	0.89	4.1
11892	292470	5573164	318	0.001	30	12.6	49.1	16.85	2.21	6
11901	293175	5572955	284	0.002	<10	3.7	27.2	15	0.91	5.4
11902	293148	5572978	279	0.002	10	9.8	27.4	14.5	1.17	5.5
11903	293111	5572989	280	0.004	<10	2.8	24.1	22.2	0.98	8.2
11904	293060	5573002	272	0.002	<10	3.2	34.7	19.25	0.67	3.8
11905	293008	5573014	258	0.003	10	4.6	54.4	15.25	0.76	3.1
11906	292964	5573025	268	0.002	10	5.4	36.4	10.2	0.73	3
11907	292892	5573054	300	0.003	20	7.5	37.8	10.65	1.44	3.4
11908	292862	5573076	313	0.003	10	6	42.9	11.35	1.11	2.3
11909	292816	5573076	321	0.002	10	4.7	31.5	14.15	1.03	8.9
11910	292779	5573124	320	0.002	10	8.3	43.9	13.35	1.26	3.5
11911	292711	5573115	327	0.002	20	6.7	44.8	13.45	0.71	4.6
11912	292675	5573114	334	0.002	<10	2.9	24.8	15.15	0.76	4.8
11913	292628	5573122	331	0.002	20	6.1	37.2	17.75	0.94	5.9
11914	292585	5573149	321	0.002	10	4.5	32.6	18.75	0.78	4.6
11915	292531	5573160	326	0.002	30	19.5	42.5	13.35	1.69	5.9
11581	294225	5571717	646	0.01	20	5.6	62.2	14.75	1.08	4.1
11582	294240	5571699	640	0.007	30	9	32.6	20.2	0.97	9.6
11583	294322	5571682	608	0.002	20	5.4	26.5	21.6	0.58	5.3
11584	294370	5571674	600	0.002	10	4.9	36.2	16.65	0.8	7.5
11585	294416	5571888	606	0.002	10	2.1	11.5	21.4	0.6	13.7
11586	294416	5571888	625	0.015	10	1.9	6.4	11.65	0.27	20.5
11587	294331	5571901	637	0.002	10	2	18.5	38.8	0.96	21.1
11588	294262	5571925	646	0.003	10	4.3	17.1	21.9	0.56	12.5
11589	294232	5571936	658	0.002	20	4.5	25.8	40.5	1.3	11.6
11590	294182	5571954	651	0.002	10	3.1	26.1	23.8	1.08	8.2
11591	294086	5571994	656	0.003	10	0.5	3.9	16.7	1.3	13.6
11592	294037	5572001	660	0.004	10	2.2	19.5	17.95	0.55	7.6
11593	293897	5572040	649	0.004	10	1.9	27.5	45.1	0.93	5.8
11594	293829	5572039	649	0.003	10	0.3	4.8	18.4	0.57	13.9
11595	293727	5572100	641	0.003	<10	0.8	6	8.84	0.17	5.4
11596	293681	5572106	641	0.003	20	5.8	23.9	20.9	1.04	8.3
11597	293647	5572127	641	0.003	20	8.7	37.4	22.2	0.95	6.8
11598	293606	5572131	638	0.002	20	3.6	30.7	10.05	0.75	2.7
11599	293600	5572007	631	0.004	10	2	10.2	23.6	0.98	6.7
11758	293354	5571972	540	0.003	40	10.6	57.8	12.7	1.15	4
11759	293399	5571956	560	0.003	20	4.3	82.6	18.2	1.16	4.3
11760	293444	5571933	596	0.004	10	2.1	10.9	35.3	0.74	9.5
11761	293497	5571939	598	0.004	20	5.3	42.7	19.15	1.12	5.3
11762	293062	5572284	477	0.003	20	4.8	67.8	11.75	0.86	3.9
11763	293129	5572283	502	0.006	20	3.3	36	15.65	0.94	4.5
11764	293149	5572236	534	0.008	40	6.7	42	17.35	1.28	5.6
11765	293220	5572245	538	0.015	30	5.9	49	15.5	0.86	4.5
11766	293270	5572225	531	0.002	40	7.8	50.2	15.2	0.99	4.5
11767	293318	5572217	518	0.004	20	3.7	37.5	11.05	1.16	3.8
11768	293378	5572202	539	0.004	20	4.9	40.9	12.4	1.7	5
11769	293431	5572185	558	0.003	30	6.7	33.5	17.9	1.23	9.2
11770	293466	5572168	569	0.009	10	2.5	32.9	11.9	0.99	4.6
11771	293508	5572164	588	0.002	10	3.1	26.5	16.7	1.22	6.1
11772	293515	5572028	586	0.002	30	48.3	72.1	11.9	6.82	4.5
11773	293451	5572040	571	0.003	20	2.9	27.2	13.55	1.18	4.7
11893	293982	5572002	656	0.002	10	0.8	12.9	9.23	0.45	2.9
11894	293951	5572014	660	0.002	10	1.5	18.8	30.1	0.98	7.5
11896	293312	5572104	534	0.003	50	7.3	52.9	10.05	0.69	2.8
11897	293363	5572094	544	0.002	10	2.2	24.7	31.9	1.38	7.6
11898	293420	5572064	560	0.002	20	11.4	28.4	10.55	3.77	2.6
11916	293641	5571989	631	0.002	20	3.9	24.5	23.8	2.04	8.1
11917	293699	5571963	631	0.003	20	5	41.4	14.7	0.76	3.9
11918	293738	5571969	638	0.004	10	4.7	41.5	22.2	0.71	4.9
11919	293799	5571954	649	0.003	20	4.6	46.9	13	1.05	3.8
11920	293835	5571944	651	0.003	20	3.8	35.6	18.7	0.86	5.1
11921	293892	5571925	653	0.034	20	5.5	46.3	18.3	1.1	5.5
11922	293935	5571905	654	0.003	20	5.4	48	15.9	1.11	6.5
11923	293993	5571893	653	0.003	20	5.1	48.1	9.25	0.79	2.9
11924	294033	5571870	661	0.002	10	5.1	55.4	18.35	2.65	7.6
11925	294073	5571875	656	0.002	10	2.4	16.6	37.9	1.42	7
11926	294124	5571840	664	0.063	10	2.7	18.3	24.7	0.68	6

2010 Soil Sample Geochemistry Highlights

Sample #	Easting	Northing	Elevation	Au(ppm)	Ba(ppm)	Co(ppm)	Cu(ppm)	Ga(ppm)	Mo(ppm)	Pb(ppm)
11927	294178	5571820	661	0.003	20	3.4	17.9	36.3	1.14	10.5
11928	294209	5571816	637	0.002	20	3.4	27.2	21.6	2.28	10
11929	294265	5571809	645	0.004	20	4.4	39.5	22.4	0.99	10.7
11930	294318	5571784	637	0.005	20	5.6	22.7	26.6	1.05	15
11931	294356	5571775	615	0.003	20	7.6	72.8	18.35	1.18	5
11932	294417	5571765	591	0.003	10	6.9	17.3	18.6	0.53	11.8
11933	293638	5571883	611	0.004	10	4.2	35	18.3	0.82	4.4
11934	293693	5571878	621	0.003	10	2.8	35.6	18.8	2.32	6.8
11935	293748	5571866	640	0.077	10	6	43.4	12.6	0.73	3
11936	293792	5571842	644	0.004	10	3.5	28.4	14.1	0.66	4
11937	293824	5571831	656	0.003	20	6.2	38.7	13.45	0.87	4.6
11938	293892	5571808	653	0.003	20	3.4	24.3	18.55	1.76	6.1
11939	293929	5571800	656	0.008	10	4.5	34	17.5	0.83	5
11940	293978	5571790	656	0.017	10	3.2	19.2	19.55	1.04	7.1
11941	294029	5571759	656	0.003	20	6.3	41.2	13.4	0.95	5
11942	294084	5571754	648	0.004	20	3.2	15.6	18.45	0.37	6.3
11943	294125	5571753	656	0.005	10	2.7	25.3	19	0.55	6.2
11944	294176	5571724	658	0.003	10	6.3	52.2	9.93	0.65	5.5
11945	293064	5572040	521	0.003	30	8.3	47.6	16.1	1.28	4
11946	293115	5572035	539	0.002	30	9.4	49.4	20.1	0.67	6.4
11947	293172	5572039	535	0.002	30	6.3	44.4	11.8	1.33	3.7
11948	293211	5572021	541	0.002	30	6.9	45.2	12.75	0.93	4.6
11949	293250	5571998	541	0.002	20	4.4	40.2	15.15	1.25	4.8
11950	293302	5571982	538	0.004	20	4.3	36.2	8.84	0.82	3.3
11951	294289	5571565	629	0.1	20	7.4	36.7	21.1	0.83	4.9
11952	294244	5571593	649	0.002	20	9.5	39.6	14.75	0.75	6.7
11953	294197	5571591	663	0.002	20	8.1	74.1	10.5	0.67	3.8
11954	294147	5571594	665	0.046	20	6.6	72	17	1.11	5.8
11955	294113	5571656	663	0.004	20	5.4	40.2	16.05	0.84	12
11956	294056	5571628	668	0.004	20	4.5	43.6	30.1	0.89	9.1
11957	294005	5571649	655	0.002	20	4.7	50.8	13.75	1.26	3.8
11958	293957	5571668	650	0.002	10	1.7	14.7	15.45	0.49	6.9
11959	293906	5571679	653	0.003	20	3.8	46.8	10	0.77	3.8
11960	293869	5571690	646	0.003	10	3.5	41.7	18.05	0.8	5.2
11961	293827	5571723	638	0.002	10	2.9	28.2	25.6	0.72	9.4
11962	293769	5571721	645	0.001	10	3.1	15.6	21.8	0.72	6.1
11963	293727	5571740	636	0.003	10	2.8	19.3	17.6	0.54	5.5
11964	293699	5571751	624	0.003	10	3.5	32.9	24.5	0.88	4.1
11965	293627	5571769	624	0.001	20	5.6	22.8	11.3	0.71	2.9
11966	293568	5571786	613	0.004	10	2.5	38.7	18	1.18	3.8
11967	293724	5571612	640	0.002	10	3	28	25.8	1.09	6.6
11968	293768	5571597	649	0.002	30	6.9	51.9	11.05	0.81	3.4
11969	293801	5571580	655	0.002	30	6.9	38	10	0.7	2.3
11970	293658	5571627	627	0.001	20	4.6	35.5	20.2	1.03	4.6
11971	293619	5571635	622	0.003	10	2	37.1	41.7	0.64	5.2
11972	293568	5571640	605	0.002	20	3.1	40.3	24.8	1.17	6.9
11973	293517	5571667	598	0.003	30	5.1	25.9	15.35	2.05	4.7
11974	293471	5571692	584	0.002	20	3.7	22.9	45.7	3.17	13.1
11975	293419	5571691	577	0.001	30	5.6	35.6	11.2	0.69	6.1
11976	293367	5571706	575	0.001	20	3.6	15.9	16.2	0.77	9.4
11977	293315	5571710	587	0.002	10	2.6	26.9	30	0.91	7.7
11978	293273	5571762	571	0.003	10	2	19.9	53.1	0.89	8.6
11979	293237	5571749	556	0.002	20	2.9	22.6	24.5	0.98	9.7
11980	293169	5571779	560	0.002	20	6.5	33.9	11.55	0.56	4
11981	293142	5571810	564	0.004	20	5.1	59	14.7	0.97	5.7
11982	293069	5571785	562	0.002	20	5.1	40	24.2	1.52	8.1
11983	293031	5571813	561	0.003	20	4.5	44.5	31.6	4.09	6.2
11984	292980	5571943	542	0.003	30	5.3	38.8	15.75	1.02	4.7
11985	293048	5571926	539	0.002	30	6.7	54.5	15.05	3.24	4.3
11986	293106	5571928	554	0.003	30	7.3	47.6	23	1.15	4.5
11987	293130	5571928	564	0.005	10	3.6	43.4	24	0.98	5.7
11988	293529	5571796	616	0.002	20	3.8	32.2	24	0.9	6.4
11989	293484	5571808	610	0.004	20	5	36.9	14.65	0.91	5.4
11990	293441	5571809	591	0.002	20	3.1	31.4	22.6	1.08	8.2
11991	293395	5571846	556	0.002	10	3.6	49.3	26.3	0.97	13.7
11992	293340	5571840	546	0.002	20	3.3	26	24.3	1.13	11.8
11993	293292	5571867	544	0.003	30	6.2	25.9	12	0.83	2.9
11994	293229	5571891	549	0.003	20	6.1	44.5	13.9	1.16	4.1
11995	293196	5571905	556	0.003	20	3.4	38	19.65	0.7	4.7
11996	293055	5572167	495	0.003	10	2.4	21.6	32.3	0.79	7.4
11997	293106	5572159	519	0.003	30	8.3	83.2	17.2	0.91	6.5
11998	293173	5572120	540	0.003	40	4.7	33.3	22.8	1.02	6.6
11999	293228	5572124	546	0.003	20	3	37.8	16.25	0.89	5.4
12000	293269	5572098	542	0.003	10	3.3	29.8	26.9	0.95	13.1

Appendix 3

2010 Stream Moss Mat Sample Locations, Descriptions and Geochemistry

2010 Stream Moss Mat and Silt Sample Locations for Tower Project

Sample #	Date	Sampler	Property	Location	Details	UTM Zone	Easting	Northing	Elevation
11551	19-Apr-10	A. Houle	Tower	NW portion of grid area - N. fork of W.-flowing creek 15 m. north WR Br30	2.0 m. wide x 0.1 m. deep creek flowing 0.5 m.ps. Inclined @ 20 deg. pH 7.07 light brown colour sand-silt with 80%	10N	291402	5573529	228
11552	19-Apr-10	A. Houle	Tower	NW portion of grid area - S. fork of W. flowing creek 75 m. south WR Br30	4.0 m. wide x 0.05 m. deep creek flowing 0.5 m.p.s. inclined @ 10 deg. pH 6.65 light brown colour silt-sand 70% org	10N	291390	5573422	208
11553	20-Apr-10	A. Houle	Tower	E. side of property - north-flowing creek west side of Salmon River C Br	6.0 m. wide x 0.25m. Deep creek flowing 2.5 m.p.s. inclined @ 10 deg. pH 7.22 light grey colour silt with 70% organi	10N	294886	5571221	150
11554	20-Apr-10	A. Houle	Tower	E. side of property - north-flowing creek east side of Salmon River C Br	6.0 m. wide x 0.25m. Deep creek flowing 2.5 m.p.s. inclined @ 10 deg. pH 6.81 light grey colour silt with 80% organi	10N	294827	5570800	174
11555	20-Apr-10	A. Houle	Tower	E. side of property - north-flowing main creek braided above confluence	6.0 m. wide x 0.2 m. deep creek flowing 0.25 m.p.s. inclined @ 5 deg. pH 7.06 grey silt-sand with 60% organics	10N	294401	5569923	222
11556	20-Apr-10	A. Houle	Tower	E. side of property - south-flowing creek above confluence with main creek	3.0 m. wide x 0.15 m. deep creek flowing 2.5 m.p.s. inclined @ 15 deg. pH 6.40 grey coloured silt-sand with 65% org	10N	294410	5569933	225
11557	20-Apr-10	A. Houle	Tower	E. side of property - west-flowing creek above confluence with main creek	2.0 m. wide x 0.1 m. deep creek flowing 1.0 m.p.s. inclined @ 5 deg. pH 6.15 grey coloured sand-silt stream sed. 5%	10N	294408	5569267	255
11558	20-Apr-10	A. Houle	Tower	E. side of property - north-flowing main creek in meadow above confluenc	5.0 m. wide x 0.1 m. deep creek flowing 0.5 m.p.s. inclined @ 2 deg. pH 6.17 grey-brown clr. mud-sand stream sed	10N	294408	5569218	253
11559	20-Apr-10	A. Houle	Tower	E. side of property - northeast flowing creek above confluence	5.0 m. wide x 0.25 m. deep creek flowing 2.5 m.p.s. inclined @ 4 deg. pH 6.80 grey colured sand-silt 50% organics	10N	294290	5569285	242
11560	20-Apr-10	A. Houle	Tower	E. side of property - east-flowing creek above Branch C-111	3.0 m. wide x 0.15 m. deep creek flowing 2.5 m.p.s. inclined @ 25 deg. pH 6.25 light brown coloured silt-sand 70% c	10N	293910	5570071	355
11561	20-Apr-10	A. Houle	Tower	N.C. of property - north-flowing creek above Branch C-111	2.0 m. wide x 0.25 m. deep creek flowing 2.5 m.p.s. inclined @ 15 deg. pH 4.65 grey coloured silt-sand with 70% org	10N	292779	5572064	526
11562	20-Apr-10	A. Houle	Tower	N.E. part of property - east-flowing creek in meadow below Branch C-111	3.0 m. wide x 0.05 m. deep creek flowing 0.1 m.p.s. inclined @ 1 deg. pH 5.05 grey coloured silt-sand with 80% orga	10N	294177	5572281	643
11563	20-Apr-10	A. Houle	Tower	E. side of property - south-flowing creek west of Branch C-111	1.0 m. wide x 0.3 m. deep creek flowing 0.5 m.p.s. inclined @ 4 deg. pH 5.22 brown coloured silt-sand with 60% org	10N	293509	5571210	583
11564	21-Apr-10	A. Houle	Tower	W. side of property - west-flowing creek above White River Main Line	1.5 m. wide x 0.05 m. deep creek flowing 0.2 m.p.s. inclined @ 20 deg. pH 6.74 dark brown coloured silt with 60% or	10N	291020	5572782	183
11565	21-Apr-10	A. Houle	Tower	W. side of property - west-flowing creek above WR main & spur road	4.0 m. wide x 0.05 m. deep creek flowing 0.2 m.p.s. inclined @ 10 deg. pH 6.74 dark brown coloured silt with 80% or	10N	290895	5572335	194
11566	21-Apr-10	A. Houle	Tower	W. side of property - west-flowing creek above spur road above WR main	1.0 m. wide x 0.05 m. deep creek flowing 0.1 m.p.s. inclined @ 15 deg. pH 6.67 grey silt with 90% organics	10N	290910	5572186	222
11567	21-Apr-10	A. Houle	Tower	W. side of property - west-flowing creek between switchbacks above spur	1.5 m. wide x 0.10 m. deep creek flowing 0.25 m.p.s. inclined @ 10 deg. pH 6.63 dark brown silt with 80% organics	10N	290931	5572041	252
11568	21-Apr-10	A. Houle	Tower	W. side of property - braided north branch of creek above spur road	2.0 m. wide x 0.05 m. Deep creek flowing 1.0 m.p.s. inclined @ 25 deg. pH 6.35 dark brown silt with 80% organics	10N	290991	5571825	308
11569	21-Apr-10	A. Houle	Tower	W. side of property - west-flowing creek beyond south end of spur road	3.0 m. wide x 0.15 m. deep creek flowing 2.5 m.p.s. inclined @ 30 deg. pH 6.54 dark brown silt with 80% organics	10N	290873	5571604	310
11570	21-Apr-10	A. Houle	Tower	W. side of property - west-flowing creek above White River Br 303	2.0 m. wide x 0.1 m. deep creek flowing 1.0 m.p.s. inclined @ 25 deg. pH 6.72 brown silt-sand with 50% organics	10N	290579	5570996	315
11571	21-Apr-10	A. Houle	Tower	W. side of property - west-flowing creek southern & older branch of 2	3.0 m. wide x 0.1 m. deep creek flowing 1.5 m.p.s. inclined @ 15 deg. pH 7.30 brown silt-sand with 50% organics	10N	290465	5570299	356
11572	21-Apr-10	A. Houle	Tower	Central portion of property - west-flowing creek at top of WR Br 303	1.0 m. wide x 0.1 m. deep creek flowing 0.5 m.p.s. inclined @ 10 deg. pH 4.97 grey silt-sand with 50% organics	10N	291539	5570523	704
11573	21-Apr-10	A. Houle	Tower	Central portion of property - north fork west-flowing creek at top of Br 303	1.0 m. wide x 0.1 m. deep creek flowing 0.5 m.p.s. inclined @ 15 deg. pH 6.16 dark brown silt with 80% organics	10N	291530	5569828	657
11574	21-Apr-10	A. Houle	Tower	Central portion of property - south fork west-flowing creek at top of Br 303	1.0 m. wide x 0.05 m. deep creek flowing 0.2 m.p.s. inclined @ 5 deg. pH 6.26 brown sand-silt stream sed. w/ 5% or	10N	291505	5569815	653
11575	21-Apr-10	A. Houle	Tower	W. side of property - west-flowing creek above Br 303	2.5 m. wide x 0.05 m. deep creek flowing 0.25 m.p.s. inclined @ 10 deg. pH 6.86 brown silt-sand stream sed. w/ 10%	10N	290807	5569182	502
11576	23-Apr-10	J. Houle	Tower	N.C. of property - north-flowing creek above Branch C-111 (15m. below 1	1.0 m. wide x 0.2 m. deep creek flowing 1.0 m.p.s. inclined @ 10 deg. pH 4.76 grey-brown coloured silt-sand with 75	10N	292777	5572078	518
11577	28-Apr-10	A. Houle	Tower	E. side of property within grid area below Branch C-111 - north-flowing cre	5.0 m. Wide x 0.5 m. Deep creek flowing 1.0 m.p.s inclined @ 30 deg. pH 5.55 grey coloured silt with 80% org.	10N	292920	5572302	429
11578	29-Apr-10	A. Houle	Tower	E. side of property within grid area - north-flowing creek below Branch C-1	2.0m. Wide x 0.5m. deep creek flowing 0.5m.p.s. Inclined @ 35deg. pH 6.41 grey silt with 80% organics	10N	293013	5572288	?
11751	28-Apr-10	J. Houle	Tower	W. side of property within grid area below Branch C-111 - north-flowing cr	2.0 m. wide x 0.1 m. deep creek flowing 1.0 m.p.s. inclined @ 15 deg. pH 6.67 grey-brown silt-sand with 85% organi	10N	291921	5572646	412
11752	28-Apr-10	J. Houle	Tower	C. portion of property - within grid area below Branch C-111 - north flowin	3.0 m. wide x 0.1 m. deep creek flowing 1.5 m.p.s. inclined @ 30 deg. pH 6.47 grey-brown silt-sand with 90% organi	10N	292400	5572575	428
11753	30-Apr-10	A. Houle	Tower	E. portion of grid area - N.-flowing creek above WR Br 302	2.0 m. wide x 0.02 m. deep creek flowing 0.5 m.p.s.inclined @ 30 deg. pH 6.18 brown silt with 85% organics	10N	293135	5572894	316
11754	30-Apr-10	A. Houle	Tower	E. portion of grid area - NW-flowing creek above WR Br 302	2.5 m. wide x 0.15 m. deep creek flowing 1.0 m.p.s. inclined @ 10 deg. pH 5.79 brown silt with 90% organics	10N	293026	5572831	321
11755	30-Apr-10	J. Houle	Tower	E. portion of grid area - N-flowing creek above WR Br 302	2.5 m. wide x 0.1 m. deep creek flowing 1.0 m.p.s. inclined @ 15 deg. pH 6.63 grey silt-sand with 70% organics	10N	292982	5572792	322
11756	30-Apr-10	J. Houle	Tower	C. portion of grid area - below confluence of 2 or more braided creeks	3.5 m. wide x 0.1 m. deep creek flowing 0.5 m.p.s. inclined @ 10 deg. pH 6.72 grey-brown list-sand with 80% organi	10N	292574	5572868	357
11757	05-May-10	J. Houle	Tower	N. portion of grid area - N-flowing creek below WR Br 302	2.0 m. wide x 0.1 m. deep creek flowing 0.5 m.p.s. inclined @ 10 deg. pH 6.52 grey-brown silt-sand with 80% organi	10N	292647	5573194	319
11579	05-Apr-10	A. Houle	Tower		0.1 m wide x 0.1 m. Deep creek flowing 1 m.p.s. Inclined @ 30 deg. pH ? Dark brown silt with 80% organics	10N	293018	5573060	252
11580	06-Apr-10	A. Houle	Tower		2.0m. Wide x 0.2 m. Deep creek flowing 1 m.p.s inclined @ 30 deg. pH ? Grey sand silt with 40% organics	10N	293010	5573009	258

Moss Mat Geochemistry		Method	WGHT	Au-TL44	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Analyte	Wgt	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Certificate #	**Sample #**	Unit	KG	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
VA10049319	11551		1.18	0.004	0.08	1.75	1.7	<0.2	<10	50	0.21	0.07	0.73	0.28	14.55	16.8	33	0.34	37.7	3.79	5.67	0.07	0.06	0.11	0.02	0.02	5.6	3.8	0.34	1780	0.43	0.02	1.31	27.5	460	9.3	1.6	<0.001	0.06	0.17	3.9	0.9	0.5	26.5	0.01	0.01	0.2	0.198	0.06	0.2	147	0.87	8.5	58	2
VA10049319	11552		1.52	0.004	0.03	1.86	1.6	<0.2	<10	40	0.19	0.04	0.84	0.16	11.05	16.9	40	0.31	53.4	5.07	6.76	0.11	0.2	0.02	0.021	0.02	4.5	3.9	0.61	652	0.36	0.03	1.91	27.3	430	3.9	1.7	<0.001	0.02	0.11	4.7	0.5	0.5	28.1	0.01	0.01	0.6	0.308	0.02	0.23	205	0.49	7.24	52	6.6
VA10049319	11553		1.32	0.238	0.06	1.17	1	<0.2	<10	30	0.11	0.06	0.79	0.12	11.4	10.2	36	0.19	41.5	6.18	5.7	0.15	0.11	<0.01	0.014	0.03	5.8	2.5	0.36	332	0.76	0.04	1.12	13.9	640	2	1.9	<0.001	0.02	0.08	2.8	0.4	0.3	28.6	0.01	0.01	1.3	0.189	0.02	0.48	231	0.43	5.96	35	3.4
VA10049319	11554		1.18	0.197	0.02	1	1.2	<0.2	<10	20	0.09	0.03	0.72	0.11	9.14	9	37	0.15	24.4	6.44	5.37	0.13	0.11	<0.01	0.012	0.02	4.5	2.1	0.32	293	0.72	0.03	0.96	12.9	570	1.8	1.6	<0.001	0.02	0.08	2.4	0.3	0.3	25.4	<0.01	0.01	0.9	0.179	0.02	0.46	244	0.4	5.52	30	3.7
VA10049319	11555		1.66	0.187	0.02	0.99	0.9	<0.2	<10	20	0.1	0.02	0.73	0.11	10.1	8.4	36	0.15	21.7	6.15	5.26	0.13	0.1	<0.01	0.013	0.02	5.1	2.1	0.29	275	0.64	0.03	0.82	11.8	630	1.7	1.4	<0.001	0.01	0.08	2.4	0.3	0.3	25.1	<0.01	0.01	1.1	0.165	<0.02	0.45	232	0.3	5.35	29	3.1
VA10049319	11556		1.18	0.018	0.04	1.5	1.2	<0.2	<10	30	0.17	0.16	0.75	0.15	8.9	12	28	0.3	44.5	3.98	5.51	0.11	0.08	0.01	0.022	0.03	4	2.8	0.37	585	4.26	0.03	1.61	13.9	380	6.7	2.1	<0.001	0.03	0.11	3.3	0.4	0.6	27.8	0.01	0.02	1	0.196	0.03	0.48	147	0.42	4.98	39	2.3
VA10049319	11557		2.38	0.001	0.03	1.95	1.4	<0.2	<10	40	0.22	0.09	0.62	0.11	9.97	12.3	21	0.26	53.6	2.8	5.43	0.08	0.09	0.02	0.015	0.03	4.5	4.2	0.46	424	1.29	0.02	1.97	15.9	430	5.5	2.3	0.001	0.02	0.1	4.4	0.5	0.3	27.8	0.02	0.02	1.2	0.198	0.02	0.51	88	0.27	6.31	38	3.5
VA10049319	11558		1.74	0.002	0.05	1.84	1.2	<0.2	<10	30	0.25	0.06	0.59	0.12	9.39	9.5	18	0.27	39.7	2.25	5.12	0.06	0.07	0.05	0.017	0.02	4.4	4	0.39	296	2.71	0.02	1.74	14.5	400	7.2	1.6	0.001	0.04	0.12	4	0.8	0.4	26.2	0.02	0.01	0.6	0.172	0.02	0.4	63	0.24	5.42	40	2.3
VA10049319	11559		1.34	0.001	0.01	0.95	1	<0.2	<10	20	0.1	0.02	0.61	0.1	7.78	7.2	20	0.15	20.1	3.16	3.82	0.09	0.08	<0.01	0.01	0.02	3.7	2.7	0.28	243	0.68	0.03	0.88	10.8	490	1.8	1.4	<0.001	0.01	0.07	2.5	0.3	0.2	23.2	<0.01	<0.01	0.8	0.134	<0.02	0.4	113	0.16	4.33	25	3
VA10049319	11560		1.26	0.002	0.05	1.7	1.8	<0.2	<10	30	0.17	0.22	0.57	0.17	7.7	19.4	24	0.4	56	3.04	6.35	0.06	0.06	0.06	0.028	0.03	3.3	3.5	0.34	973	7.21	0.01	1.8	14.6	360	12.3	2	0.001	0.04	0.15	3.7	0.5	0.5	25.3	0.02	0.02	0.6	0.2	0.04	0.45	110	0.27	3.96	37	2.5
VA10049319	11561		1.28	0.04	0.12	1.54	4.9	<0.2	<10	10	0.1	0.17	0.41	0.13	5.59	10.8	28	0.37	63	3.42	6.41	0.06	0.06	0.16	0.024	0.03	2.5	3.7	0.56	358	0.85	0.01	1.68	16.7	680	17.9	1.5	0.001	0.1	0.27	3.1	1.1	0.6	31.6	0.01	0.03	<0.2	0.189	0.02	0.26	105	0.19	3.6	31	2.3
VA10049319	11562		1.5	0.006	0.02	2.42	1.5	<0.2	<10	10	0.2	0.13	0.6	0.13	8.78	11.9	35	0.45	69.6	2.91	10.45	0.05	0.19	0.07	0.033	0.02	3.7	4.1	0.65	324	0.51	0.01	3.19	21.7	480	19.6	1.8	<0.001	0.04	0.24	6.9	0.7	0.7	23.8	0.04	0.01	0.5	0.361	0.02	0.35	130	0.13	6.65	45	7.1
VA10049319	11563		1.6	0.004	0.06	1.29	2.5	<0.2	<10	30	0.1	0.11	0.47	0.12	5.24	20.9	18	0.45	48.4	2.31	5.2	0.06	0.05	0.08	0.017	0.04	2.6	2.8	0.31	984	0.84	0.02	1.45	12.4	390	20.3	2.3	<0.001	0.05	0.17	2.8	0.7	0.5	20.6	0.01	0.01	0.2	0.166	0.04	0.26	74	0.18	3.11	33	2
VA10049319	11564		1.12	0.001	0.1	2.16	1.8	<0.2	<10	40	0.26	0.07	0.88	0.3	12.95	15.6	29	0.29	55.9	2.91	5.84	0.08	0.08	0.12	0.021	0.02	5.4	4.4	0.51	1580	0.77	0.03	1.7	24.8	560	11.4	1.5	<0.001	0.07	0.18	5.2	1.4	0.5	30.9	0.02	0.01	0.2	0.219	0.04	0.26	108	0.18	9.15	52	3.5
VA10049319/1005987	11565		1.06	0.002	0.08	2.03	1.8	<0.2	<10	50	0.29	0.08	0.81	0.45	13.1	14	25	0.31	51	2.73	5.33	0.06	0.07	0.18	0.022	0.03	4.6	4.2	0.36	2190	0.62	0.02	1.5	23.9	590	12.3	1.6	<0.001	0.09	0.23	4.4	1.1	0.5	30.6	0.02	0.03	<0.2	0.182	0.06	0.22	99	0.16	7.99	59	3.1
VA10049319	11566		1	0.001	0.17	2.68	2	<0.2	<10	40	0.37	0.09	0.58	0.38	18.3	20.1	35	0.36	58.9	3.63	7.37	0.05	0.07	0.24	0.033	0.02	6.6	3.8	0.26	2050	0.77	0.01	2.03	23.5	570	10.6	1.7	<0.001	0.08	0.24	5.7	1.5	0.6	27.7	0.05	0.02	0.2	0.262	0.05	0.3	138	0.16	12.1	48	2.8
VA10049319/1005987	11567		1.2	0.002	0.07	2.25	2.3	<0.2	<10	50	0.29	0.07	0.87	0.29	14.55	23.6	27	0.37	63.6	3.01	5.37	0.07	0.09	0.14	0.025	0.03	4.7	4.5	0.47	1820	0.63	0.02	1.55	25.6	610	9.5	1.7	0.001	0.09	0.2	4.6	1.1	0.8	32.7	0.02	0.02	<0.2	0.205	0.04	0.27	103	0.14	9.52	71	3.8
VA10049319/1005987	11568		1.04	0.002	0.11	2.35	3.5	<0.2	<10	50	0.36	0.16	0.67	0.36	13.05	61.3	23	0.7	65.5	4.31	6.93	0.06	0.03	0.21	0.047	0.03	4.1	4.4	0.41	4800	0.84	0.01	1.15	19.6	770	25.7	2.2	0.001	0.12	0.25	4.1	1.3	0.5	29.2	0.01	0.04	<0.2	0.158	0.04	0.28	116	0.6	7.72	84	1.3
VA10049319	11569		1.26	0.003	0.08	2.67	3	<0.2	<10	30	0.35	0.09	0.74	0.34	12.85	42.6	29	0.88	82.6	4.26	8.27	0.06	0.05	0.12	0.045	0.03	4.3	7.4	0.62	2520	1.02	0.01	1.49	26.3	560	16	2.6	0.001	0.07	0.35	6.3	1	0.5	29	0.02	0.03	0.2	0.181	0.04	0.29	126	0.14	8.09	91	2.2
VA10049319	11570		1.6	0.002	0.11	3.05	3.1	<0.2	<10	50	0.39	0.08	0.83	0.4	14.8	29.9	39	0.62	96.6	3.93	7.51	0.06	0.1	0.11	0.04	0.03	4.3	7	0.66	1820	0.85	0.02	1.98	33.1	560	10.9	2.4	0.001	0.07	0.19	7	1	0.6	34.9	0.03	0.03	0.2	0.244	0.03	0.32	125	0.13	9.63	101	4.3
VA10049319	11571		1.58	0.002	0.07	2.66	7.2	<0.2	<10	50	0.3	0.05	1.2	0.52	12.5	25.9	46	0.47	79.6	4.4	6.37	0.1	0.13	0.07	0.025	0.03	5.3	6.4	0.79	1780	0.68	0.03	1.79	38.5	590	7.3	2	<0.001	0.06	0.25	7	0.9	0.4	47	0.01	0.03	0.4	0.244	0.05	0.61	156	0.2	11.2	115	5.2
VA10049319	11572		1.36	0.004	0.16	1.14	2.8	<0.2	<10	10	0.1	0.12	0.36	0.16	5.03	6.5	16	0.43	32.7	2.88	5.64	<0.05	0.04	0.19	0.022	0.03	2.7	2.1	0.22	247	1.03	0.01	1.43	10.2	750	15.3	1.5	<0.001	0.11	0.19	1.9	1	0.5	18.1	0.01	0.03	<0.2	0.134	0.03	0.32	77	0.14	3.47	25	1.5
VA10049319/1005987	11573		1.22	0.009	0.18	2.21	3.4	<0.2	<10	40	0.27	0.12	0.6	0.7	10.85	95.2	20	0.39	84.2	5.05	6.17	0.05	0.02	0.29	0.037	0.04	3.8	2.3	0.21	8400	1.99	0.01	0.91	12.9	800	26.7	1.6	<0.001	0.11	0.3	2.8	1.5	0.4	29	0.03	0.05	<0.2	0.107	0.11	0.31	100	0.13	6.33	89	0.5
VA10049319	11574		1.9	0.004	0.08	5.52	7.9	<0.2	<10	60	0.65	0.08	0.72	0.69	20.6	120.5	38	0.84	86.9	5.3	7.87	0.08	0.12	0.16	0.047	0.03	4.6	6.9	0.49	9550	1.99	0.02	1.87	27.3	700	14.2	2.5	0.001	0.07	0.25	7.2	1.6	0.4	29.7	0.04	0.05	0.7	0.166	0.16	0.47	96	0.16	8.54	134	3.9
VA10049319	11575		2	0.003	0.1	2.92	3.6	<0.2	<10	80	0.41	0.07	0.86	0.46	16.65	44	26	0.45	58.6	2.96	6.14	0.07	0.05	0.12	0.024	0.02	4.9	5.8	0.4	2900	1.34	0.02	1.51	27.4	540	9	1.8	0.001	0.07	0.18	5.2	1.8	0.4	34.8	0.03	0.04	0.2	0.17	0.06	0.38	84	0.14	9.25	125	2.5
VA10049319/1005987	11576		0.92	0.002	0.09	1.58	3.9	<0.2	<10	20	0.11	0.14	0.47	0.13	5.39	14.4	35	0.3	66.4	3.41	5.91	0.07	0.07	0.11	0.019	0.03	2.3	4	0.64	521	1.08	0.01	1.6	23.3	560	16.1	1.3	<0.001	0.09	0.3	3.3	1	0.7	34.1	0.01	0.02	<0.2	0.195	0.02	0.22	104	0.13	3.82	40	2.5
VA10054700	11577		1.42	0.001	0.07	1.93	3	<0.2	<10	30	0.16	0.13	0.63	0.18	8.24	18.3	30	0.34	66.7	3.58	6.7	0.07	0.1	0.06	0.027	0.03	3.2	3.8	0.55	778	0.78	0.02	2.13	19.7	510	15	1.7	<0.001	0.06	0.22	4.1	0.8	0.7	29.1	0.01	0.06	0.3	0.265	<0.02	0.29	133	0.06	5.21	37	4.2
VA10054700	11578		1.56	0.001	0.11	1.91	2.3	<0.2	<10	50	0.26	0.14	0.52	0.35	8.93	33.6	19	0.43	40.6	2.32	5.51	0.05	0.03	0.11	0.027	0.03	3.4	3.1	0.23	2270	1.53	0.01	1.2	12.6	500	18.2	1.6	<0.001	0.07	0.22	2.5	1.2	0.5	25.4	0.01	0.07	0.2	0.138	0.04	0.3	76	0.08	4.86	55	0.9
VA10054700	11751		0.98	0.002	0.07	2.53	2.1	<0.2	<10	50	0.29	0.08	0.71	0.32	13.25	34.9	27	0.4	58.7	3.23	6.06	0.08	0.07	0.12	0.026	0.02	4	4.8	0.48	1850	0.61	0.02	1.71	25	450	9.5	1.6	<0.001	0.06	0.17	5	1.2	0.5	29.9	0.02	0.06	0.3	0.218	0.03	0.27	117	0.08	7.6	71	2.9
VA10054700	11752		0.62	0.001	0.13	1.88	2.7	<0.2	<10	70	0.22	0.16	0.62	0.49	13.3	142.5	22	0.35	52.3	3.66	6.57	0.07	0.03	0.22	0.037	0.04	3.4	2.6	0.29	9770	0.77	0.02	1.05	18.7	680	26	1.6	<0.001	0.1	0.28	2.7	1.2	0.5	30.5	0.01	0.09	<0.2	0.154	0.09	0.28	117	<0.05	5.1	90	0.9
VA10054700	11753		1.3	0.001	0.13	1.92	3.5	<0.2	<10	30	0.3	0.2	0.34	0.24	9.15	47.9	24	0.33	37.8	3.09	5.83	<0.05	0.04	0.15	0.049	0.03	3.5	2	0.17	2170	0.84	0.01	1.44	11.7	540	20.2	1.2	0.001	0.09	0.32	2.5	1.2	0.7	14.8	0.02	0.05	0.2	0.157	0.03	0.34	92	0.07	4.88	26	1.2
VA10054700	11754		0.96	NSS	0.1	1.39	3.7	<0.2	<10	30	0.13	0.19	0.56	0.16	6.69	40.1	23	0.43	32.1	3.06	5.9	0.07	0.04	0.09	0.029	0.04	2.9	2.1	0.35	2070	1.03	0.02	1.36	15	570	24.4	2.1	<0.001	0.07	0.3	2.3	0.8	0.7	23.7	<0.01	0.07	0.2	0.176	0.04	0.31	106	0.05	3.94	29	1.6
VA10054700	11755		1.38	0.001	0.06	1.66	1.9	<0.2	<10	50	0.18	0.08	0.51	0.22	9	19.1	21	0.4	35.5	2.59	5.14	0.05	0.05	0.13	0.021	0.02	3.6	4.1	0.31	1050	0.86	0.02	1.36	16.1	380	9.2	1.8	0.003	0.04	0.14	2.8	0.8	0.4	22.5	0.01	0.02	0.4	0.162	0.04	0.26	95	0.09	4.52	53	1.6
VA10054700	11756		0.86	0.001	0.06	1.79	1.8	<0.2	<10	50	0.17	0.07	0.52	0.24	8.34	30.4	26	0.39	45.2	3.33	6.28	0.06	0.07	0.13	0.025	0.03	2.6	4.4	0.47	1820	0.5	0.02	1.68	20.6	290	9.2	1.6	0.002	0.03	0.13	3.5	0.7	0.4	27.7	0.02	0.03	0.3	0.234	0.05	0.2	127	0.05	4.51	58	2.7
VA10058118	11757		1.06	<0.001	0.06	1.66	1.4	<0.2	<10	40	0.3	0.06	0.66	0.3	9.16	29.1	24	0.29	43.7	3.28	5.49	0.07	0.09	0.13	0.021	0.06	3.5	4.3	0.4	2040	0.49	<0.01	1.59	17.1	460	9.2	1.8	<0.001	0.05	0.19	3.9	1.1	0.5	28.6	0.01	0.02	0.2	0.214	0.03	0.2	123	0.07	4.89	56	2.7
VA10058118	11579		1.98	0.001	0.07	1.44	2.8	<0.2	<10	30	0.24	0.1	0.68	0.17	7.14	27.5	23	0.42	35.9	3.03	5.49	0.08	0.1	0.09	0.025	0.04	3.3	3.2	0.4	1430	0.67	0.01	1.57	15.2	570	16.7	2.1	<0.001	0.05	0.24	3.6	0.9	0.5	25.1	<0.01	0.02	0.2	0.204	0.03	0.25	105	0.09	4.58	33	3
VA10058118	11580		2.06	0.003	0.02	1.54	1.3	<0.2	<10	30	0.27	0.03	0.77	0.13	8.9	15.4	28	0.28	45	3.6	5.23	0.1	0.12	0.04	0.017	0.03	3.8	4.4	0.49	695	0.42	0.01	1.69	17	570	5	1.8	<0.001	0.01	0.12	4.5	0.7	0.4	29.4	0.01	0.01	0.4	0.223	<0.02	0.23	131	0.12	5.79	40	3.9

2010 Stream Moss Mat Geochemistry Highlights

Sample #	Easting	Northing	Elevation	Au(ppm)	Co(ppm)	Hg(ppb)	Mo(ppm)	Pb(ppm)	Zn(ppm)
11551	291402	5573529	228	0.004	16.8	0.11	0.43	9.3	58
11552	291390	5573422	208	0.004	16.9	0.02	0.36	3.9	52
11553	294886	5571221	150	0.238	10.2	<0.01	0.76	2	35
11554	294827	5570800	174	0.197	9	<0.01	0.72	1.8	30
11555	294401	5569923	222	0.187	8.4	<0.01	0.64	1.7	29
11556	294410	5569933	225	0.018	12	0.01	4.26	6.7	39
11557	294408	5569267	255	0.001	12.3	0.02	1.29	5.5	38
11558	294408	5569218	253	0.002	9.5	0.05	2.71	7.2	40
11559	294290	5569285	242	0.001	7.2	<0.01	0.68	1.8	25
11560	293910	5570071	355	0.002	19.4	0.06	7.21	12.3	37
11561	292779	5572064	526	0.04	10.8	0.16	0.85	17.9	31
11562	294177	5572281	643	0.006	11.9	0.07	0.51	19.6	45
11563	293509	5571210	583	0.004	20.9	0.08	0.84	20.3	33
11564	291020	5572782	183	0.001	15.6	0.12	0.77	11.4	52
11565	290895	5572335	194	0.002	14	0.18	0.62	12.3	59
11566	290910	5572186	222	0.001	20.1	0.24	0.77	10.6	48
11567	290931	5572041	252	0.002	23.6	0.14	0.63	9.5	71
11568	290991	5571825	308	0.002	61.3	0.21	0.84	25.7	84
11569	290873	5571604	310	0.003	42.6	0.12	1.02	16	91
11570	290579	5570996	315	0.002	29.9	0.11	0.85	10.9	101
11571	290465	5570299	356	0.002	25.9	0.07	0.68	7.3	115
11572	291539	5570523	704	0.004	6.5	0.19	1.03	15.3	25
11573	291530	5569828	657	0.009	95.2	0.29	1.99	26.7	89
11574	291505	5569815	653	0.004	120.5	0.16	1.99	14.2	134
11575	290807	5569182	502	0.003	44	0.12	1.34	9	125
11576	292777	5572078	518	0.002	14.4	0.11	1.08	16.1	40
11577	292920	5572302	429	0.001	18.3	0.06	0.78	15	37
11578	293013	5572288	?	0.001	33.6	0.11	1.53	18.2	55
11751	291921	5572646	412	0.002	34.9	0.12	0.61	9.5	71
11752	292400	5572575	428	0.001	142.5	0.22	0.77	26	90
11753	293135	5572894	316	0.001	47.9	0.15	0.84	20.2	26
11754	293026	5572831	321	NSS	40.1	0.09	1.03	24.4	29
11755	292982	5572792	322	0.001	19.1	0.13	0.86	9.2	53
11756	292574	5572868	357	0.001	30.4	0.13	0.5	9.2	58
11757	292647	5573194	319	<0.001	29.1	0.13	0.49	9.2	56
11579	293018	5573060	252	0.001	27.5	0.09	0.67	16.7	33
11580	293010	5573009	258	0.003	15.4	0.04	0.42	5	40

Appendix 4

Tenure Overlap Reports and Landholder Notices for Mineral Tenures

Mineral Titles Branch
Energy, Mines and Petroleum Resources

Report Date: March 15, 2010 5:19 PM

Disclaimer : The information contained in this report is valid from the time the report was executed.

This report will be posted to your bulletin board and emailed to the email address supplied in MTO.

Claim Acquisition details:

Tenure Number:	697125
Event Number:	4516983
Issue Date:	January 9, 2010
Good to Date:	January 9, 2011
Type:	Mineral Claim
Area (ha):	165.331
Mapsheet:	092K

Please follow this link to see a map of your new tenure. For more detailed information please view your tenure in Mineral Titles Online (MTO).

The following is for information purposes:

For more information about the content of this tenure report please visit the Mineral Titles Branch website.
http://www.empr.gov.bc.ca/Titles/MineralTitles/Pages/default.aspx

Your tenure overlaps with the following First Nations interests:

Based on current government information, the following First Nations may have aboriginal interests in your registered mineral tenure area. In the event that you wish to contact First Nations, this information is being provided to assist you in informing First Nations of your activity as part of your planning for a successful project. Go to the Mineral Titles Branch website to develop further understanding of the principles supporting First Nations engagement and to access information, resource materials and useful links. Please note that this is a preliminary First Nations contact list and should not be considered conclusive.

The information in this report is not intended to create, recognize, limit or deny any aboriginal or treaty rights, including title, that First Nations may have, or impose any obligations on the Province or alter the legal status of resources within the Province or the existing legal authority of British Columbia. The Province makes no warranties or representations regarding the accuracy, timeliness, completeness or fitness for use of any or all data provided in this report.

Indian Reserve: None

First Nations Treaty Lands: None

Consultative Areas:

First Nation:	Wei Wai Kum First Nation
Contact:	Wei Wai Kum First Nation
Title:	Chief and Council
Organization:	Wei Wai Kum First Nation
Address:	1400 Weiwaikum RD Campbell River, BC V9W5W8
Phone:	(250) 286-6949
Fax:	(250) 287-8838
Email:	None

First Nation:	We Wai Kai First Nation
Contact:	We Wai Kai First Nation
Title:	Chief and Council
Organization:	We Wai Kai First Nation
Address:	PO BOX 220 Quathiaski Cove, BC V0P1N0
Phone:	(250) 285-3316
Fax:	(250) 285-2400
Email:	None

First Nation:	Laich-kwil-tach Treaty Society
Contact:	Laich-kwil-tach Treaty Society
Title:	Chief Negotiator
Organization:	Laich-kwil-tach Treaty Society
Address:	1441 Old Island Hwy Campbell River, BC V9W 2E4
Phone:	250-287-9460
Fax:	250-287-9469
Email:	reception@lkts.ca

First Nation:	K'omoks First Nation
Contact:	K'omoks First Nation
Title:	Chief and Council
Organization:	K'omoks First Nation
Address:	3320 Comox Road Courtenay, BC V9N 3P8
Phone:	250-339-4545
Fax:	250-339-7053
Email:	info@comoxband.ca

First Nation:	Nanwakolas
Contact:	Nanwakolas First Nations Referrals Office

Title:	Project Manager
Organization:	Nanwakolas First Nations Referrals Office
Address:	203-2005 Eagle Drive Campbell River, BC V9H 1V8
Phone:	250-286-7200
Fax:	250-286-7222
Email:	None

Your tenure overlaps with the following Legal and Administrative interests:

Reserve(s):	None
Regional District:	STRATHCONA
Agricultural Land Reserve:	None
Parks/Protected Areas:	None

Note: Please be aware that Regional and Municipal parks are not listed but may still exist. Ensure you check with the Regional District and Municipality for parks that may exist in the area.

Municipality:	None
Land Title District:	VICTORIA
Forest District:	Campbell River Forest District

Your tenure overlaps with the following tenures:

Sub-surface (does not include crown grants):

Mineral: None

Placer: None

Coal: None

Surface (does not include Private Land):

Crown Land leases: None

Landowner Notification requirements specify that a person must not begin a mining activity until eight days after giving notice to the owners of the surface area where the activity will take place. The notice must state when the activity will occur and include the names and addresses of the free miner or recorded holder and of the on-site person responsible for the operations. The notice must also describe the activity that will be conducted, state approximately how many people will be on site and include a map or written description of where the activity will take place. Notices may be mailed, e-mailed, sent by facsimile transmission or hand delivered to the owner.

Your tenure overlaps with the following other resource interests:

Ungulate Winter Range:	u-1-004
Wildlife Habitat Area:	None

Wildlife Management Area: None

Mineral Titles inquires can be made to:

Mineral Titles Branch
1-866-616-4999
Mineral.Titles@gov.bc.ca

300-865 Hornby Street,
Vancouver, BC
V6Z 2G3

For detailed information on tenure maintenance please visit our website and related legislation:
http://www.empr.gov.bc.ca/Titles/MineralTitles/Pages/default.aspx

An approved mineral or placer Notice of Work and Reclamation Program is required prior to conducting surface disturbance by mechanical means. For more information on Notices of Work and the Mineral Exploration & Mining regional office near you please visit our website.
[Mines Act - section 10] and [Notice of Work Form & Schedules]

Mineral Titles Branch appreciates your participation in the mineral development of British Columbia and we look forward to serving you again.

Mineral Titles Branch
Energy, Mines and Petroleum Resources

Report Date: March 15, 2010 5:19 PM

Disclaimer : The information contained in this report is valid from the time the report was executed.

This report will be posted to your bulletin board and emailed to the email address supplied in MTO.

Claim Acquisition details:

Tenure Number:	697124
Event Number:	4516982
Issue Date:	January 9, 2010
Good to Date:	January 9, 2011
Type:	Mineral Claim
Area (ha):	206.657
Mapsheet:	092K

Please follow this link to see a map of your new tenure. For more detailed information please view your tenure in Mineral Titles Online (MTO).

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Contact:	Wei Wai Kum First Nation
Title:	Chief and Council
Organization:	Wei Wai Kum First Nation
Address:	1400 Weiwaikum RD Campbell River, BC V9W5W8
Phone:	(250) 286-6949
Fax:	(250) 287-8838
Email:	None

First Nation:	We Wai Kai First Nation
Contact:	We Wai Kai First Nation
Title:	Chief and Council
Organization:	We Wai Kai First Nation
Address:	PO BOX 220 Quathiaski Cove, BC V0P1N0
Phone:	(250) 285-3316
Fax:	(250) 285-2400
Email:	None

First Nation:	Laich-kwil-tach Treaty Society
Contact:	Laich-kwil-tach Treaty Society
Title:	Chief Negotiator
Organization:	Laich-kwil-tach Treaty Society
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Fax:	250-287-9469
Email:	reception@lkts.ca

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Organization:	K'omoks First Nation
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Phone:	250-339-4545
Fax:	250-339-7053
Email:	info@comoxband.ca

First Nation:	Nanwakolas
Contact:	Nanwakolas First Nations Referrals Office

Title:	Project Manager
Organization:	Nanwakolas First Nations Referrals Office
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Fax:	250-286-7222
Email:	None

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Surface (does not include Private Land):

Crown Land leases: None

Landowner Notification requirements specify that a person must not begin a mining activity until eight days after giving notice to the owners of the surface area where the activity will take place. The notice must state when the activity will occur and include the names and addresses of the free miner or recorded holder and of the on-site person responsible for the operations. The notice must also describe the activity that will be conducted, state approximately how many people will be on site and include a map or written description of where the activity will take place. Notices may be mailed, e-mailed, sent by facsimile transmission or hand delivered to the owner.

Your tenure overlaps with the following other resource interests:

Ungulate Winter Range:	u-1-004
Wildlife Habitat Area:	None

Wildlife Management Area: None

Mineral Titles inquires can be made to:

Mineral Titles Branch
1-866-616-4999
Mineral.Titles@gov.bc.ca

300-865 Hornby Street,
Vancouver, BC
V6Z 2G3

For detailed information on tenure maintenance please visit our website and related legislation:
http://www.empr.gov.bc.ca/Titles/MineralTitles/Pages/default.aspx

An approved mineral or placer Notice of Work and Reclamation Program is required prior to conducting surface disturbance by mechanical means. For more information on Notices of Work and the Mineral Exploration & Mining regional office near you please visit our website.
[Mines Act - section 10] and [Notice of Work Form & Schedules]

Mineral Titles Branch appreciates your participation in the mineral development of British Columbia and we look forward to serving you again.

Mineral Titles Branch
Energy, Mines and Petroleum Resources

Report Date: March 15, 2010 5:19 PM

Disclaimer : The information contained in this report is valid from the time the report was executed.

This report will be posted to your bulletin board and emailed to the email address supplied in MTO.

Claim Acquisition details:

Tenure Number:	697123
Event Number:	4516981
Issue Date:	January 9, 2010
Good to Date:	January 9, 2011
Type:	Mineral Claim
Area (ha):	516.708
Mapsheet:	092K

Please follow this link to see a map of your new tenure. For more detailed information please view your tenure in Mineral Titles Online (MTO).

The following is for information purposes:

For more information about the content of this tenure report please visit the Mineral Titles Branch website.
http://www.empr.gov.bc.ca/Titles/MineralTitles/Pages/default.aspx

Your tenure overlaps with the following First Nations interests:

Based on current government information, the following First Nations may have aboriginal interests in your registered mineral tenure area. In the event that you wish to contact First Nations, this information is being provided to assist you in informing First Nations of your activity as part of your planning for a successful project. Go to the Mineral Titles Branch website to develop further understanding of the principles supporting First Nations engagement and to access information, resource materials and useful links. Please note that this is a preliminary First Nations contact list and should not be considered conclusive.

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Indian Reserve: None

First Nations Treaty Lands: None

Consultative Areas:

First Nation:	Wei Wai Kum First Nation
Contact:	Wei Wai Kum First Nation
Title:	Chief and Council
Organization:	Wei Wai Kum First Nation
Address:	1400 Weiwaikum RD Campbell River, BC V9W5W8
Phone:	(250) 286-6949
Fax:	(250) 287-8838
Email:	None

First Nation:	We Wai Kai First Nation
Contact:	We Wai Kai First Nation
Title:	Chief and Council
Organization:	We Wai Kai First Nation
Address:	PO BOX 220 Quathiaski Cove, BC V0P1N0
Phone:	(250) 285-3316
Fax:	(250) 285-2400
Email:	None

First Nation:	Laich-kwil-tach Treaty Society
Contact:	Laich-kwil-tach Treaty Society
Title:	Chief Negotiator
Organization:	Laich-kwil-tach Treaty Society
Address:	1441 Old Island Hwy Campbell River, BC V9W 2E4
Phone:	250-287-9460
Fax:	250-287-9469
Email:	reception@lkts.ca

First Nation:	K'omoks First Nation
Contact:	K'omoks First Nation
Title:	Chief and Council
Organization:	K'omoks First Nation
Address:	3320 Comox Road Courtenay, BC V9N 3P8
Phone:	250-339-4545
Fax:	250-339-7053
Email:	info@comoxband.ca

First Nation:	Nanwakolas
Contact:	Nanwakolas First Nations Referrals Office

Title:	Project Manager
Organization:	Nanwakolas First Nations Referrals Office
Address:	203-2005 Eagle Drive Campbell River, BC V9H 1V8
Phone:	250-286-7200
Fax:	250-286-7222
Email:	None

Your tenure overlaps with the following Legal and Administrative interests:

Reserve(s):	None
Regional District:	STRATHCONA
Agricultural Land Reserve:	None
Parks/Protected Areas:	None

Note: Please be aware that Regional and Municipal parks are not listed but may still exist. Ensure you check with the Regional District and Municipality for parks that may exist in the area.

Municipality:	None
Land Title District:	VICTORIA
Forest District:	Campbell River Forest District

Your tenure overlaps with the following tenures:

Sub-surface (does not include crown grants):

Mineral: None

Placer: None

Coal: None

Surface (does not include Private Land):

Crown Land leases: None

Landowner Notification requirements specify that a person must not begin a mining activity until eight days after giving notice to the owners of the surface area where the activity will take place. The notice must state when the activity will occur and include the names and addresses of the free miner or recorded holder and of the on-site person responsible for the operations. The notice must also describe the activity that will be conducted, state approximately how many people will be on site and include a map or written description of where the activity will take place. Notices may be mailed, e-mailed, sent by facsimile transmission or hand delivered to the owner.

Your tenure overlaps with the following other resource interests:

Ungulate Winter Range:	u-1-004
Wildlife Habitat Area:	None

Wildlife Management Area: None

Mineral Titles inquires can be made to:

Mineral Titles Branch
1-866-616-4999
Mineral.Titles@gov.bc.ca

300-865 Hornby Street,
Vancouver, BC
V6Z 2G3

For detailed information on tenure maintenance please visit our website and related legislation:
http://www.empr.gov.bc.ca/Titles/MineralTitles/Pages/default.aspx

An approved mineral or placer Notice of Work and Reclamation Program is required prior to conducting surface disturbance by mechanical means. For more information on Notices of Work and the Mineral Exploration & Mining regional office near you please visit our website.
[Mines Act - section 10] and [Notice of Work Form & Schedules]

Mineral Titles Branch appreciates your participation in the mineral development of British Columbia and we look forward to serving you again.

Mineral Titles Branch
Energy, Mines and Petroleum Resources

Report Date: March 15, 2010 5:18 PM

Disclaimer : The information contained in this report is valid from the time the report was executed.

This report will be posted to your bulletin board and emailed to the email address supplied in MTO.

Claim Acquisition details:

Tenure Number:	697103
Event Number:	4516980
Issue Date:	January 9, 2010
Good to Date:	January 9, 2011
Type:	Mineral Claim
Area (ha):	516.495
Mapsheet:	092K

Please follow this link to see a map of your new tenure. For more detailed information please view your tenure in Mineral Titles Online (MTO).

The following is for information purposes:

For more information about the content of this tenure report please visit the Mineral Titles Branch website.
http://www.empr.gov.bc.ca/Titles/MineralTitles/Pages/default.aspx

Your tenure overlaps with the following First Nations interests:

Based on current government information, the following First Nations may have aboriginal interests in your registered mineral tenure area. In the event that you wish to contact First Nations, this information is being provided to assist you in informing First Nations of your activity as part of your planning for a successful project. Go to the Mineral Titles Branch website to develop further understanding of the principles supporting First Nations engagement and to access information, resource materials and useful links. Please note that this is a preliminary First Nations contact list and should not be considered conclusive.

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Indian Reserve: None

First Nations Treaty Lands: None

Consultative Areas:

First Nation:	Wei Wai Kum First Nation
Contact:	Wei Wai Kum First Nation
Title:	Chief and Council
Organization:	Wei Wai Kum First Nation
Address:	1400 Weiwaikum RD Campbell River, BC V9W5W8
Phone:	(250) 286-6949
Fax:	(250) 287-8838
Email:	None

First Nation:	We Wai Kai First Nation
Contact:	We Wai Kai First Nation
Title:	Chief and Council
Organization:	We Wai Kai First Nation
Address:	PO BOX 220 Quathiaski Cove, BC V0P1N0
Phone:	(250) 285-3316
Fax:	(250) 285-2400
Email:	None

First Nation:	Laich-kwil-tach Treaty Society
Contact:	Laich-kwil-tach Treaty Society
Title:	Chief Negotiator
Organization:	Laich-kwil-tach Treaty Society
Address:	1441 Old Island Hwy Campbell River, BC V9W 2E4
Phone:	250-287-9460
Fax:	250-287-9469
Email:	reception@lkts.ca

First Nation:	K'omoks First Nation
Contact:	K'omoks First Nation
Title:	Chief and Council
Organization:	K'omoks First Nation
Address:	3320 Comox Road Courtenay, BC V9N 3P8
Phone:	250-339-4545
Fax:	250-339-7053
Email:	info@comoxband.ca

First Nation:	Nanwakolas
Contact:	Nanwakolas First Nations Referrals Office

Title:	Project Manager
Organization:	Nanwakolas First Nations Referrals Office
Address:	203-2005 Eagle Drive Campbell River, BC V9H 1V8
Phone:	250-286-7200
Fax:	250-286-7222
Email:	None

Your tenure overlaps with the following Legal and Administrative interests:

Reserve(s):	None
Regional District:	STRATHCONA
Agricultural Land Reserve:	None
Parks/Protected Areas:	None

Note: Please be aware that Regional and Municipal parks are not listed but may still exist. Ensure you check with the Regional District and Municipality for parks that may exist in the area.

Municipality:	None
Land Title District:	VICTORIA
Forest District:	Campbell River Forest District

Your tenure overlaps with the following tenures:

Sub-surface (does not include crown grants):

Mineral: None

Placer: None

Coal: None

Surface (does not include Private Land):

Crown Land leases: None

Landowner Notification requirements specify that a person must not begin a mining activity until eight days after giving notice to the owners of the surface area where the activity will take place. The notice must state when the activity will occur and include the names and addresses of the free miner or recorded holder and of the on-site person responsible for the operations. The notice must also describe the activity that will be conducted, state approximately how many people will be on site and include a map or written description of where the activity will take place. Notices may be mailed, e-mailed, sent by facsimile transmission or hand delivered to the owner.

Your tenure overlaps with the following other resource interests:

Ungulate Winter Range:	None
Wildlife Habitat Area:	None
Wildlife Management Area:	None

Mineral Titles inquires can be made to:

Mineral Titles Branch
1-866-616-4999
Mineral.Titles@gov.bc.ca

300-865 Hornby Street,
Vancouver, BC
V6Z 2G3

For detailed information on tenure maintenance please visit our website and related legislation:
http://www.empr.gov.bc.ca/Titles/MineralTitles/Pages/default.aspx

An approved mineral or placer Notice of Work and Reclamation Program is required prior to conducting surface disturbance by mechanical means. For more information on Notices of Work and the Mineral Exploration & Mining regional office near you please visit our website.
[Mines Act - section 10] and [Notice of Work Form & Schedules]

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Mineral Titles Branch
Energy, Mines and Petroleum Resources

Report Date: March 15, 2010 5:15 PM

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This report will be posted to your bulletin board and emailed to the email address supplied in MTO.

Claim Acquisition details:

Tenure Number:	551391
Event Number:	4516894
Issue Date:	February 7, 2007
Good to Date:	January 10, 2011
Type:	Mineral Claim
Area (ha):	475.154
Mapsheet:	092K

Please follow this link to see a map of your new tenure. For more detailed information please view your tenure in Mineral Titles Online (MTO).

The following is for information purposes:

For more information about the content of this tenure report please visit the Mineral Titles Branch website.
http://www.empr.gov.bc.ca/Titles/MineralTitles/Pages/default.aspx

Your tenure overlaps with the following First Nations interests:

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Indian Reserve: None

First Nations Treaty Lands: None

Consultative Areas:

First Nation:	Wei Wai Kum First Nation
Contact:	Wei Wai Kum First Nation
Title:	Chief and Council
Organization:	Wei Wai Kum First Nation
Address:	1400 Weiwaikum RD Campbell River, BC V9W5W8
Phone:	(250) 286-6949
Fax:	(250) 287-8838
Email:	None

First Nation:	We Wai Kai First Nation
Contact:	We Wai Kai First Nation
Title:	Chief and Council
Organization:	We Wai Kai First Nation
Address:	PO BOX 220 Quathiaski Cove, BC V0P1N0
Phone:	(250) 285-3316
Fax:	(250) 285-2400
Email:	None

First Nation:	Laich-kwil-tach Treaty Society
Contact:	Laich-kwil-tach Treaty Society
Title:	Chief Negotiator
Organization:	Laich-kwil-tach Treaty Society
Address:	1441 Old Island Hwy Campbell River, BC V9W 2E4
Phone:	250-287-9460
Fax:	250-287-9469
Email:	reception@lkts.ca

First Nation:	K'omoks First Nation
Contact:	K'omoks First Nation
Title:	Chief and Council
Organization:	K'omoks First Nation
Address:	3320 Comox Road Courtenay, BC V9N 3P8
Phone:	250-339-4545
Fax:	250-339-7053
Email:	info@comoxband.ca

First Nation:	Nanwakolas
Contact:	Nanwakolas First Nations Referrals Office

Title:	Project Manager
Organization:	Nanwakolas First Nations Referrals Office
Address:	203-2005 Eagle Drive Campbell River, BC V9H 1V8
Phone:	250-286-7200
Fax:	250-286-7222
Email:	None

Your tenure overlaps with the following Legal and Administrative interests:

Reserve(s):	None
Regional District:	STRATHCONA
Agricultural Land Reserve:	None
Parks/Protected Areas:	None

Note: Please be aware that Regional and Municipal parks are not listed but may still exist. Ensure you check with the Regional District and Municipality for parks that may exist in the area.

Municipality:	None
Land Title District:	VICTORIA
Forest District:	Campbell River Forest District

Your tenure overlaps with the following tenures:

Sub-surface (does not include crown grants):

Mineral: None

Placer: None

Coal: None

Surface (does not include Private Land):

Crown Land leases: None

Landowner Notification requirements specify that a person must not begin a mining activity until eight days after giving notice to the owners of the surface area where the activity will take place. The notice must state when the activity will occur and include the names and addresses of the free miner or recorded holder and of the on-site person responsible for the operations. The notice must also describe the activity that will be conducted, state approximately how many people will be on site and include a map or written description of where the activity will take place. Notices may be mailed, e-mailed, sent by facsimile transmission or hand delivered to the owner.

Your tenure overlaps with the following other resource interests:

Ungulate Winter Range:	None
Wildlife Habitat Area:	None
Wildlife Management Area:	None

Mineral Titles inquires can be made to:

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1-866-616-4999
Mineral.Titles@gov.bc.ca

300-865 Hornby Street,
Vancouver, BC
V6Z 2G3

For detailed information on tenure maintenance please visit our website and related legislation:
http://www.empr.gov.bc.ca/Titles/MineralTitles/Pages/default.aspx

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[Mines Act - section 10] and [Notice of Work Form & Schedules]

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Mineral Titles Branch
Energy, Mines and Petroleum Resources

Report Date: March 15, 2010 5:20 PM

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This report will be posted to your bulletin board and emailed to the email address supplied in MTO.

Claim Acquisition details:

Tenure Number:	704935
Event Number:	4516984
Issue Date:	January 28, 2010
Good to Date:	January 28, 2011
Type:	Mineral Claim
Area (ha):	227.298
Mapsheet:	092K

Please follow this link to see a map of your new tenure. For more detailed information please view your tenure in Mineral Titles Online (MTO).

The following is for information purposes:

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http://www.empr.gov.bc.ca/Titles/MineralTitles/Pages/default.aspx

Your tenure overlaps with the following First Nations interests:

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Indian Reserve: None

First Nations Treaty Lands: None

Consultative Areas:

First Nation:	Wei Wai Kum First Nation
Contact:	Wei Wai Kum First Nation
Title:	Chief and Council
Organization:	Wei Wai Kum First Nation
Address:	1400 Weiwaikum RD Campbell River, BC V9W5W8
Phone:	(250) 286-6949
Fax:	(250) 287-8838
Email:	None

First Nation:	We Wai Kai First Nation
Contact:	We Wai Kai First Nation
Title:	Chief and Council
Organization:	We Wai Kai First Nation
Address:	PO BOX 220 Quathiaski Cove, BC V0P1N0
Phone:	(250) 285-3316
Fax:	(250) 285-2400
Email:	None

First Nation:	Laich-kwil-tach Treaty Society
Contact:	Laich-kwil-tach Treaty Society
Title:	Chief Negotiator
Organization:	Laich-kwil-tach Treaty Society
Address:	1441 Old Island Hwy Campbell River, BC V9W 2E4
Phone:	250-287-9460
Fax:	250-287-9469
Email:	reception@lkts.ca

First Nation:	K'omoks First Nation
Contact:	K'omoks First Nation
Title:	Chief and Council
Organization:	K'omoks First Nation
Address:	3320 Comox Road Courtenay, BC V9N 3P8
Phone:	250-339-4545
Fax:	250-339-7053
Email:	info@comoxband.ca

First Nation:	Nanwakolas
Contact:	Nanwakolas First Nations Referrals Office

Title:	Project Manager
Organization:	Nanwakolas First Nations Referrals Office
Address:	203-2005 Eagle Drive Campbell River, BC V9H 1V8
Phone:	250-286-7200
Fax:	250-286-7222
Email:	None

Your tenure overlaps with the following Legal and Administrative interests:

Reserve(s):	None
Regional District:	STRATHCONA
Agricultural Land Reserve:	None
Parks/Protected Areas:	None

Note: Please be aware that Regional and Municipal parks are not listed but may still exist. Ensure you check with the Regional District and Municipality for parks that may exist in the area.

Municipality:	None
Land Title District:	VICTORIA
Forest District:	Campbell River Forest District

Your tenure overlaps with the following tenures:

Sub-surface (does not include crown grants):

Mineral: None

Placer: None

Coal: None

Surface (does not include Private Land):

Crown Land leases: None

Landowner Notification requirements specify that a person must not begin a mining activity until eight days after giving notice to the owners of the surface area where the activity will take place. The notice must state when the activity will occur and include the names and addresses of the free miner or recorded holder and of the on-site person responsible for the operations. The notice must also describe the activity that will be conducted, state approximately how many people will be on site and include a map or written description of where the activity will take place. Notices may be mailed, e-mailed, sent by facsimile transmission or hand delivered to the owner.

Your tenure overlaps with the following other resource interests:

Ungulate Winter Range:	u-1-004
Wildlife Habitat Area:	None

Wildlife Management Area: None

Mineral Titles inquires can be made to:

Mineral Titles Branch
1-866-616-4999
Mineral.Titles@gov.bc.ca

300-865 Hornby Street,
Vancouver, BC
V6Z 2G3

For detailed information on tenure maintenance please visit our website and related legislation:
http://www.empr.gov.bc.ca/Titles/MineralTitles/Pages/default.aspx

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[Mines Act - section 10] and [Notice of Work Form & Schedules]

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NOTICE TEMPLATE
SECTION 19 (1) OF THE *MINERAL TENURE ACT*

To: Chief Ralph Dick Sr., We Wai Kai Nation
(print name(s) of registered landowner(s) or Crown Land Lessee(s)

Address: PO Box 220
Quathiaski Cove, B.C. V0P 1N0 chief@wewaikai.com
phone (250) 285-3316

registered holder of the following surface rights: First Nations interests as per BC Mineral Tenure Online tenure reports

(description of land parcel (can include civic address, or legal description, or Parcel Identifier Number or Crown land leas descriptors)

I, Jacques Houle, P.Eng.
(print name)

of Compliance Energy Corporation
(company name (if applicable)

Address or contact information: 550-800 West Pender Street
Vancouver, BC, V6C 2V6
Tel: 604-689-0489 Fax: 604-681-5910

am providing Notice that I, or my authorized representative, intend to enter:
Tower Property - mineral tenures 551391, 697103, 697123, 697124, 697125, 704935 situated along the Memekay River 10 km. south of Sayward and 40 km. west of Campbell River (see map attached)
(describe area of entry as accurately as possible, or attach an illustrative picture or map)

the aforementioned land parcel to carry out a mining activity between the dates of April 6, 2010 **and** December 31, 2010 **. There will be approximately** 2-4 **persons on site and the work will consist of the following mining activities:**
Initially helicopter airborne geophysics; and ground mapping, prospecting and geochemistry.
Notice of Work application to be submitted for a permit to complete mechanized trenching and diamond drilling.

(describe in detail work to be done, attach description and or diagram if required for clarity)

The person who will be onsite and in charge of the mining activity is:
Jacques Houle, P.Eng.
(print name)

of Independant consultant to Compliance Energy Corporation
(company name (if applicable)

and may be contacted at: 6552 Peregrine Road, Nanaimo, B.C. V9V 1P8
(250) 390-3930 jhoule06@shaw.ca

(provide any *two* of the following: telephone or facsimile number, mailing or email address)

Signature

March 16, 2010
Date

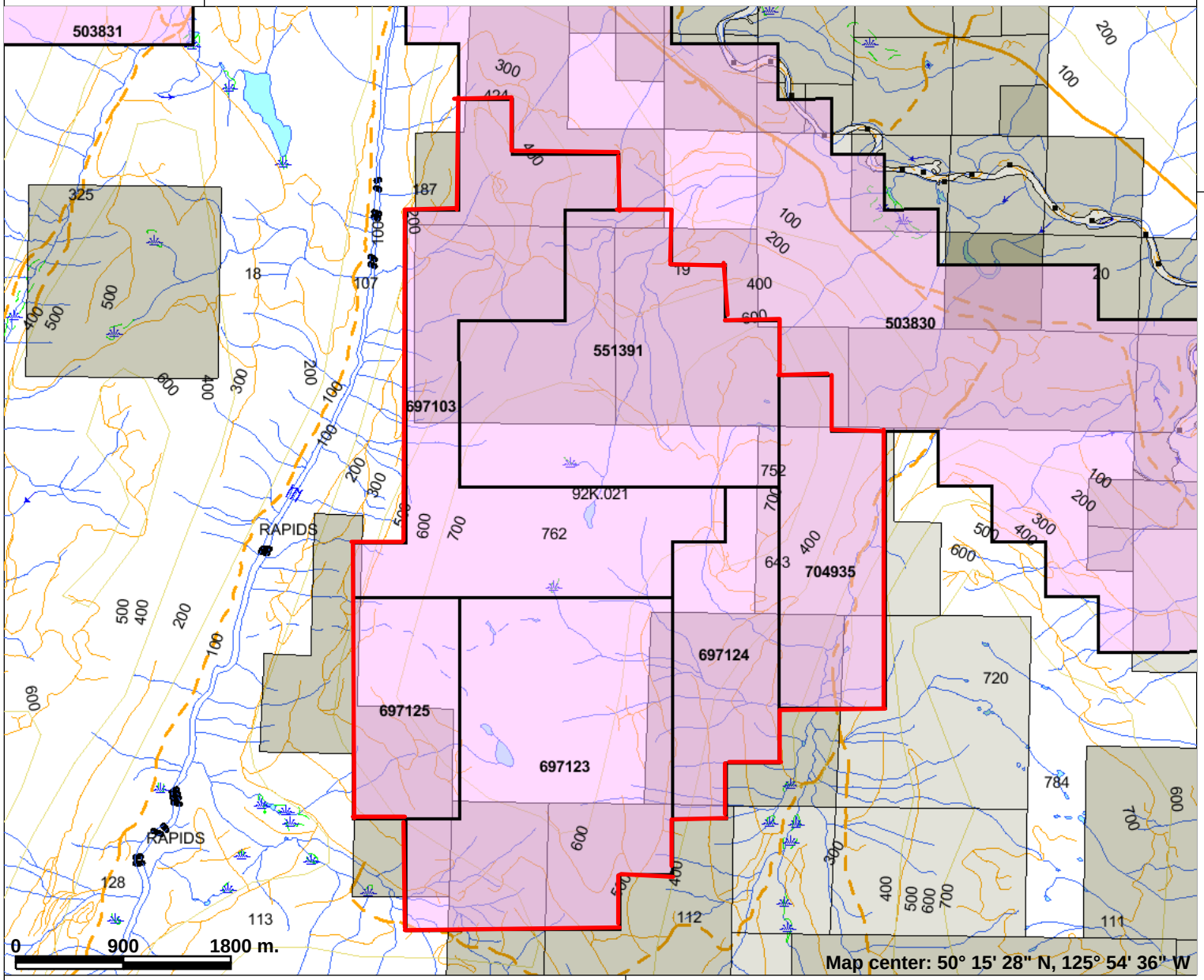
DO NOT SEND THIS FORM TO THE MINERAL TITLES BRANCH
KEEP A COPY OF THIS FORM FOR YOUR OWN RECORDS

Note: THIS IS NOT A REQUEST FOR CONSENT TO ENTER THE PROPERTY.

A free miner or mineral title holder has the right to enter upon and use the surface of private land for the exploration and development or production of minerals or placer minerals, and the business of mining subject to the provisions in the *Mineral Tenure Act, Mines Act, and/or Mining Rights of Way Act*. A free miner or mineral title holder is required to provide notice in accordance with the *Mineral Tenure Act* and is liable to compensate the owner of a surface area for loss or damage caused by the entry, occupation or use of that area.

For further information on the legislation and other materials pertaining to this Notice, please go to:
http://www.em.gov.bc.ca/mining/titles/Land_Owner_Notice.htm
or contact the Mineral Titles Branch at mineral.titles@gov.bc.ca or 1-866-616-4999

Tower Property



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks

Mineral Tenure (current)

- Mineral Claim
- Mineral Lease

Mineral Reserves (current)

- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Survey Parcels
- BCGS Grid

Contours (1:250K)

- Contour - Index
- Contour - Intermediate
- Areaof Exclusion
- Areaof Indefinite Contours

Transportation - Points (TRIM)

- Helipad

Transportation - Lines (TRIM)

- Airfield
- Airport
- Airstrip
- Airport.Abandoned
- Ferry Route
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 2 Lanes

N

Scale: 1:50,000

NOTICE TEMPLATE
SECTION 19 (1) OF THE *MINERAL TENURE ACT*

To: Coral Duncan, Administrative Assistant & Art Wilson, Referrals Office Project Manager, Nanwakolas Council

(print name(s) of registered landowner(s) or Crown Land Lessee(s)

Address: 203 - 2005 Eagle Drive
Campbell River, B.C. V9H-1V8 coralduncan@nanwakolas.com &
phone (250) 286-7200 artwilson@nanwakolas.com

registered holder of the following surface rights: First Nations interests as per BC Mineral Tenure Online tenure reports

(description of land parcel (can include civic address, or legal description, or Parcel Identifier Number or Crown land leas descriptors)

I, Jacques Houle, P.Eng.

(print name)

of Compliance Energy Corporation

(company name (if applicable)

Address or contact information: 550-800 West Pender Street
Vancouver, BC, V6C 2V6
Tel: 604-689-0489 Fax: 604-681-5910

am providing Notice that I, or my authorized representative, intend to enter:
Tower Property - mineral tenures 551391, 697103, 697123, 697124, 697125, 704935 situated along the Memekay River 10 km. south of Sayward and 40 km. west of Campbell River (see map attached)

(describe area of entry as accurately as possible, or attach an illustrative picture or map)

the aforementioned land parcel to carry out a mining activity between the dates of April 6, 2010 **and** December 31, 2010 **. There will be approximately** 2-4 **persons on site and the work will consist of the following mining activities:**
Initially helicopter airborne geophysics; and ground mapping, prospecting and geochemistry.
Notice of Work application to be submitted for a permit to complete mechanized trenching and diamond drilling.

(describe in detail work to be done, attach description and or diagram if required for clarity)

The person who will be onsite and in charge of the mining activity is:
Jacques Houle, P.Eng.

(print name)

of Independant consultant to Compliance Energy Corporation

(company name (if applicable)

and may be contacted at: 6552 Peregrine Road, Nanaimo, B.C. V9V 1P8
(250) 390-3930 jhoule06@shaw.ca

(provide any *two* of the following: telephone or facsimile number, mailing or email address)

Signature

March 16, 2010

Date

DO NOT SEND THIS FORM TO THE MINERAL TITLES BRANCH
KEEP A COPY OF THIS FORM FOR YOUR OWN RECORDS

Note: THIS IS NOT A REQUEST FOR CONSENT TO ENTER THE PROPERTY.

A free miner or mineral title holder has the right to enter upon and use the surface of private land for the exploration and development or production of minerals or placer minerals, and the business of mining subject to the provisions in the *Mineral Tenure Act, Mines Act, and/or Mining Rights of Way Act*. A free miner or mineral title holder is required to provide notice in accordance with the *Mineral Tenure Act* and is liable to compensate the owner of a surface area for loss or damage caused by the entry, occupation or use of that area.

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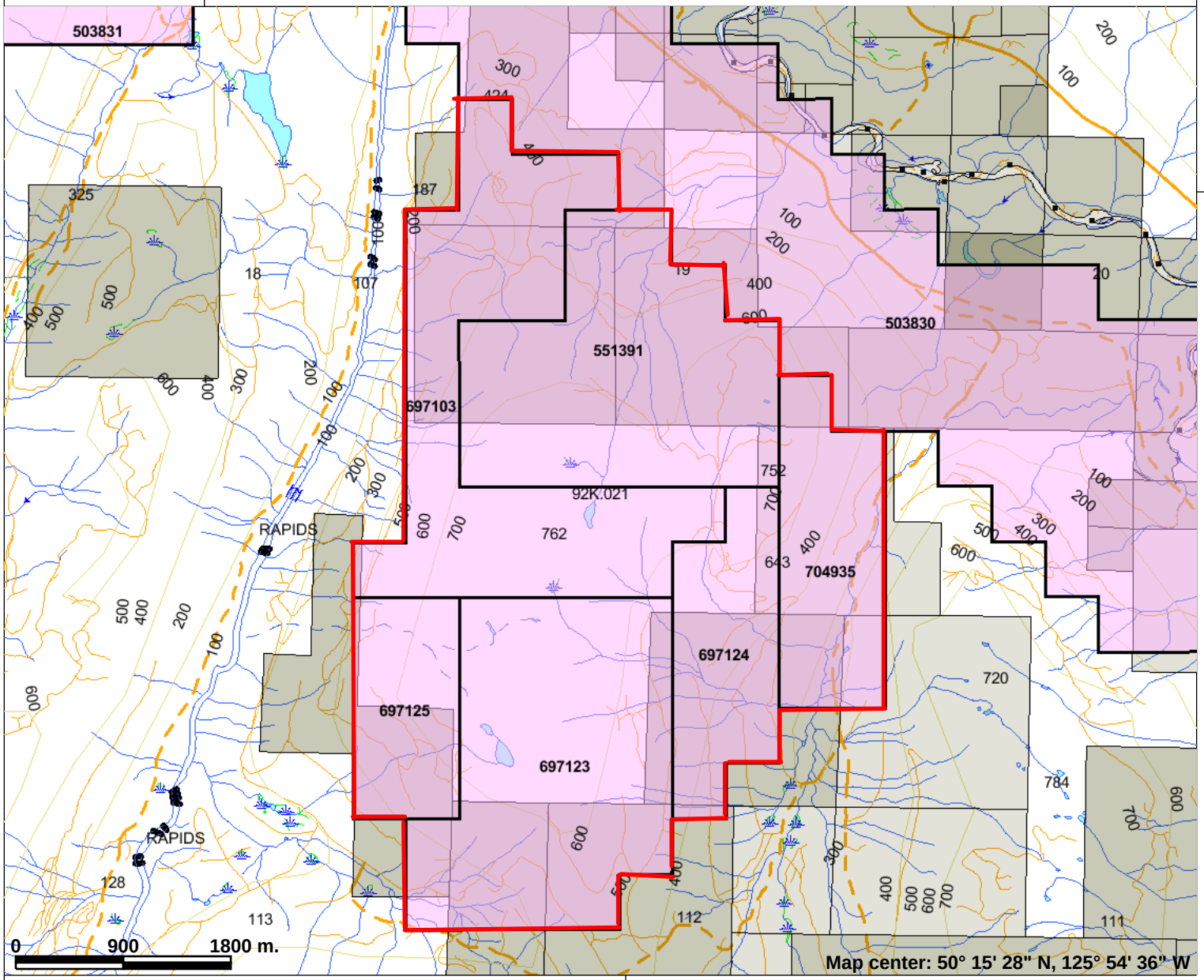
http://www.em.gov.bc.ca/mining/titles/Land_Owner_Notice.htm
or contact the Mineral Titles Branch at mineral.titles@gov.bc.ca or 1-866-616-4999

Tower Property



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks

Mineral Tenure (current)

- Mineral Claim
- Mineral Lease

Mineral Reserves (current)

- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Survey Parcels
- BCGS Grid

Contours (1:250K)

- Contour - Index
- Contour - Intermediate
- Areaof Exclusion
- Areaof Indefinite Contours

Transportation - Points (TRIM)

- Helipad

Transportation - Lines (TRIM)

- Airfield
- Airport
- Airstrip
- Airport.Abandoned
- Ferry Route
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 2 Lanes

N

Scale: 1:50,000

NOTICE TEMPLATE
SECTION 19 (1) OF THE *MINERAL TENURE ACT*

To: Dee Cullon, Anthropologist & Shirley Johnson, Research Assistant, Laich-Kwil-Tach Treaty Society
(print name(s) of registered landowner(s) or Crown Land Lessee(s)

Address: 1441 Old Island Highway
Campbell River, B.C. V9W 2E4
phone (250) 287-9460
reception@lkts.ca
deecullon@shaw.ca
tus@lkts.ca

registered holder of the following surface rights: First Nations interests as per BC Mineral Tenure Online tenure reports

(description of land parcel (can include civic address, or legal description, or Parcel Identifier Number or Crown land leas descriptors)

I, Jacques Houle, P.Eng.
(print name)

of Compliance Energy Corporation
(company name (if applicable)

Address or contact information: 550-800 West Pender Street
Vancouver, BC, V6C 2V6
Tel: 604-689-0489 Fax: 604-681-5910

am providing Notice that I, or my authorized representative, intend to enter:
Tower Property - mineral tenures 551391, 697103, 697123, 697124, 697125, 704935 situated along the Memekay River 10 km. south of Sayward and 40 km. west of Campbell River (see map attached)
(describe area of entry as accurately as possible, or attach an illustrative picture or map)

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The person who will be onsite and in charge of the mining activity is:
Jacques Houle, P.Eng.
(print name)

of Independant consultant to Compliance Energy Corporation
(company name (if applicable)

and may be contacted at: 6552 Peregrine Road, Nanaimo, B.C. V9V 1P8
(250) 390-3930 jhoule06@shaw.ca

(provide any *two* of the following: telephone or facsimile number, mailing or email address)

Signature

March 16, 2010
Date

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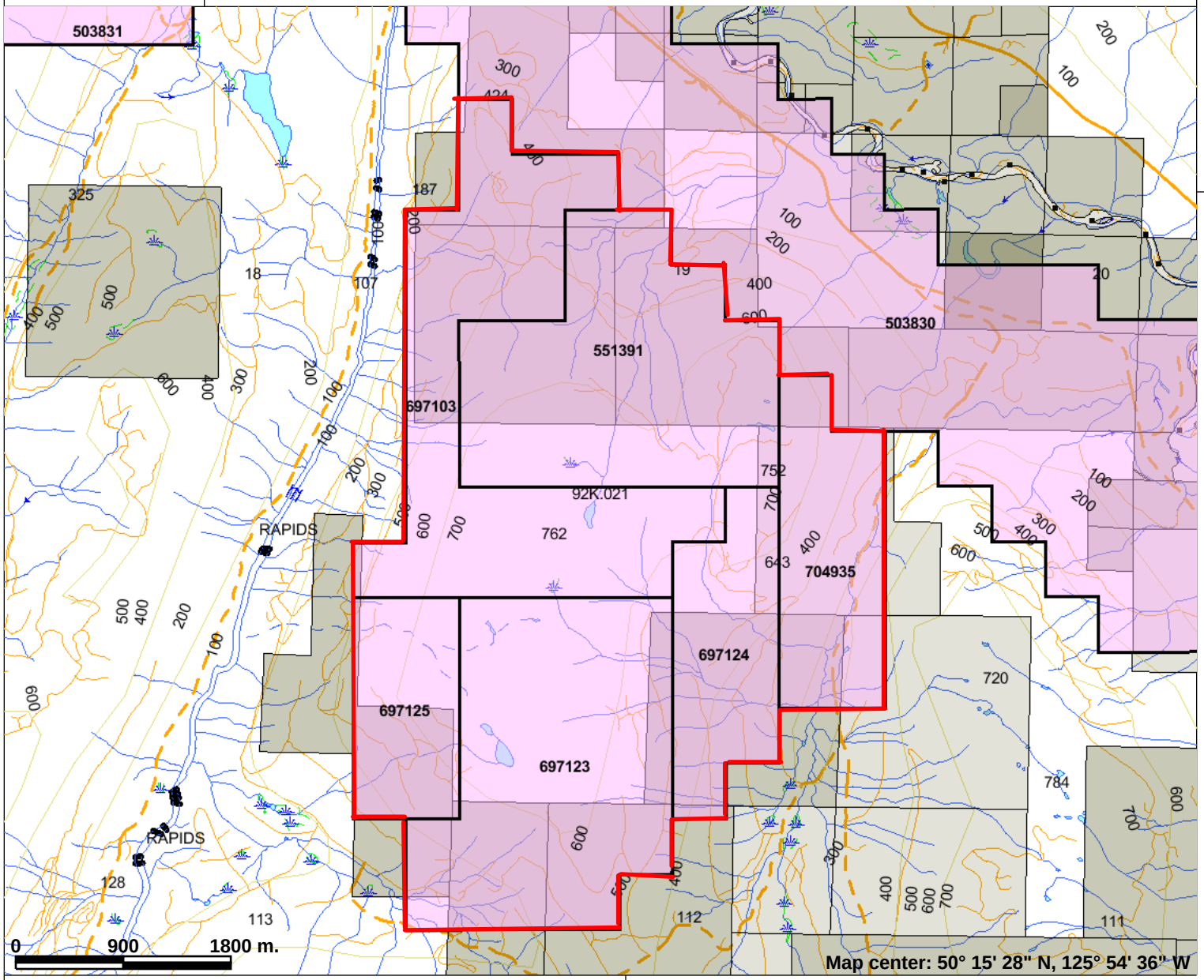
Tower Property



Legend

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- Conservancy Areas
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- Survey Parcels
- BCGS Grid

Contours (1:250K)

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- Helipad

Transportation - Lines (TRIM)

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- Airport
- Airstrip
- Airport.Abandoned
- Ferry Route
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 2 Lanes

N

Scale: 1:50,000

NOTICE TEMPLATE
SECTION 19 (1) OF THE *MINERAL TENURE ACT*

To: Chief Ernest Hardy Sr., K'omoks First Nation
(print name(s) of registered landowner(s) or Crown Land Lessee(s)

Address: 3320 Comox Road
Courtenay, B.C. V9N 3P8 c/o jenny.millar@comoxband.ca
phone (250) 339-4545

registered holder of the following surface rights: First Nations interests as per BC Mineral Tenure Online tenure reports

(description of land parcel (can include civic address, or legal description, or Parcel Identifier Number or Crown land leas descriptors)

I, Jacques Houle, P.Eng.
(print name)

of Compliance Energy Corporation
(company name (if applicable)

Address or contact information: 550-800 West Pender Street
Vancouver, BC, V6C 2V6
Tel: 604-689-0489 Fax: 604-681-5910

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(print name)

of Independant consultant to Compliance Energy Corporation
(company name (if applicable)

and may be contacted at: 6552 Peregrine Road, Nanaimo, B.C. V9V 1P8
(250) 390-3930 jhoule06@shaw.ca

(provide any *two* of the following: telephone or facsimile number, mailing or email address)

Signature

March 16, 2010
Date

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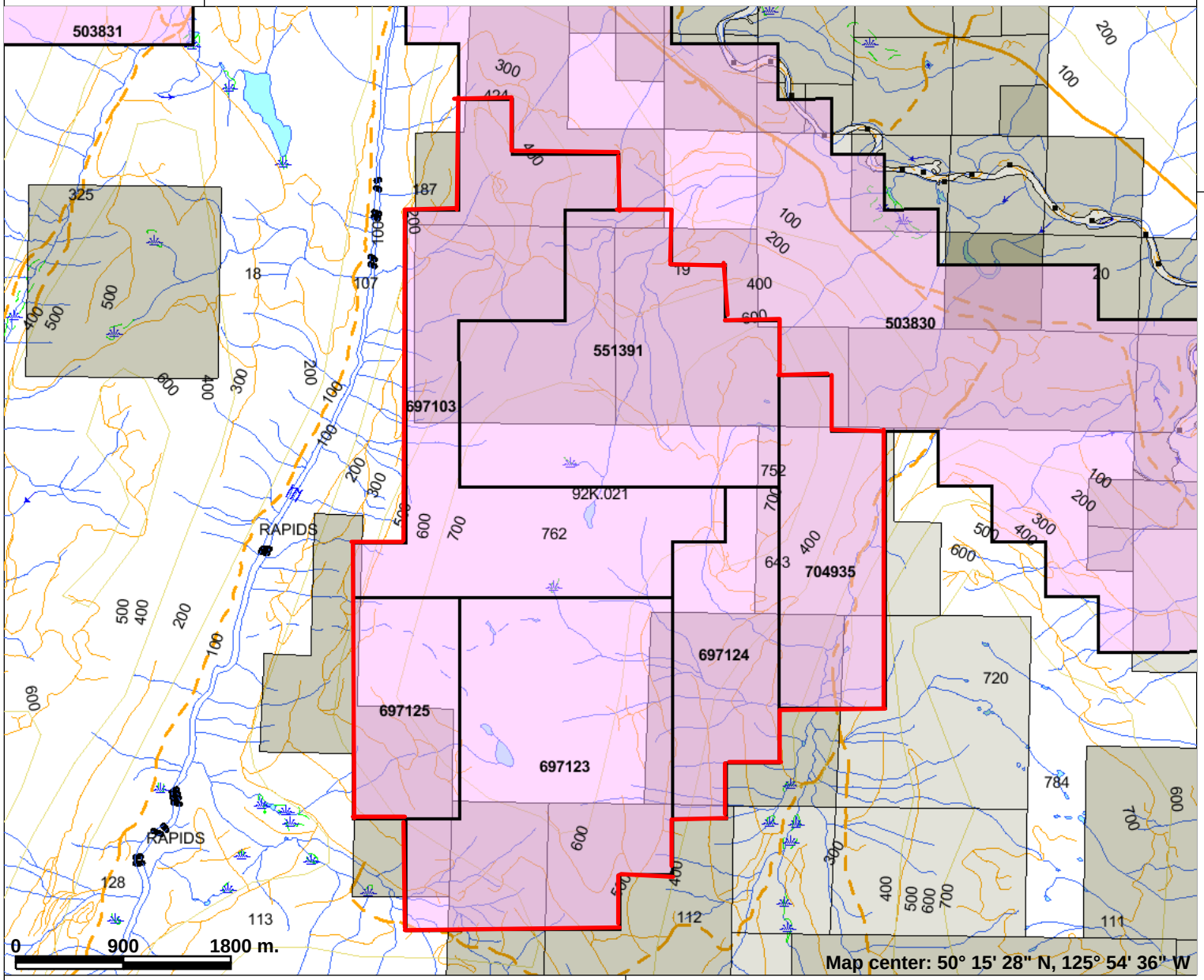

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- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 2 Lanes

N

Scale: 1:50,000

NOTICE TEMPLATE
SECTION 19 (1) OF THE *MINERAL TENURE ACT*

To: Chief Robert Pollard, We Wai Kum First Nation
(print name(s) of registered landowner(s) or Crown Land Lessee(s)

Address: 1400 Weiwaikum Road
Campbell River, B.C. V9W 5W8 bpollard@crband.ca
phone (250) 286-6949

registered holder of the following surface rights: First Nations interests as per BC Mineral Tenure Online tenure reports

(description of land parcel (can include civic address, or legal description, or Parcel Identifier Number or Crown land leas descriptors)

I, Jacques Houle, P.Eng.
(print name)

of Compliance Energy Corporation
(company name (if applicable)

Address or contact information: 550-800 West Pender Street
Vancouver, BC, V6C 2V6
Tel: 604-689-0489 Fax: 604-681-5910

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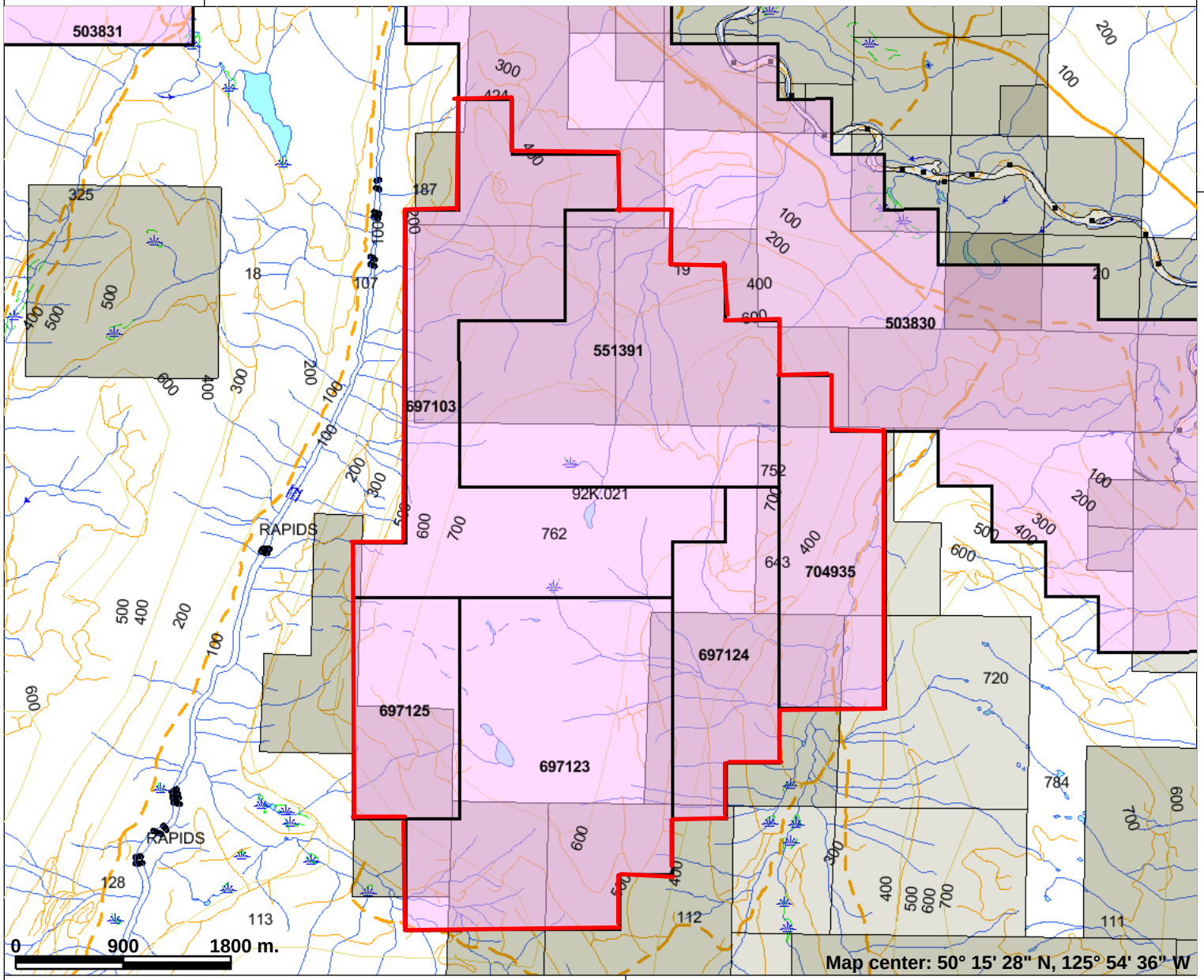
Tower Property



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Appendix 5

2010 Cost Report for Assessment Work Program

Tower Property 2010 Cost Report

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	**Field Days**	**Days**	**Rate**	**Subtotal***	
Dan Berkshire / Exploration Manage	Mar 23-May 14, Aug 18, 2010	15.3	$376.00	$5,734.00	
Jacques Houle / Geologist	April 18 - May 10, 2010	18.5	$627.11	$11,601.45	
Arnd Burgert / Geologist	May 10 - May 14, 2010	5.0	$452.50	$2,262.50	
Adrian Houle / Sampler	April 19 - May 14, 2010	20.3	$200.00	$4,063.75	
Ron Johnson / Field Assistant	Mar 30, Apr 20, May 25	2.7	$250.00	$665.00	
				$24,326.70	**$24,326.70**
Office Studies	**List Personnel**				
General research	Jacques Houle (Mar-June-10)	4.7	$695.03	$3,231.90	
Report preparation	Jacques Houle (Aug-Nov-10)	6.8	$887.04	$5,994.91	
General research	Dan Berkshire (Mar-June-10)	14.3	$376.00	$5,381.50	
Report preparation	Dan Berkshire (Sept-10)	1.0	$376.00	$381.88	
				$14,990.19	**$14,990.19**
Ground Exploration Surveys	**Area in Hectares / List Personnel**				
Geological mapping	350 hectares @ 1:1000 scale				
	Jacques Houle, Arnd Burgert				
				$0.00	**$0.00**
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	
Stream sediment / moss mat		37	$27.25	$1,008.15	
Soil		382	$27.25	$10,408.44	
Rock		15	$27.25	$408.71	
		434	$27.25	$11,825.30	**$11,825.30**
Transportation		**No.**	**Rate**	**Subtotal**	
truck rental (Houle)	1998 Ford F150 4x4	4.70	$378.00	$1,776.60	
car rental (Burgert)				$100.00	
mileage (Berkshire)				$55.00	
ATV (Berkshire)				$231.00	
fuel (CEC vehicles)				$445.71	
				$2,608.31	**$2,608.31**
Accommodation & Food	**Rates per day**				
Hotel and meals	field crew day rate per person	61.73	$97.77	$1,869.00	
Camp (Berkshire)	Trailer in Sayward Junction			$3,759.35	
Accommodations	other personnel			$77.28	
Meals	other personnel			$329.76	
				$6,035.39	**$6,035.39**
Miscellaneous					
Telephone (Berkshire)				46.27	
Rock Saw				$68.25	
				$114.52	**$114.52**
Equipment Rentals					
Field Gear (Houle)	all safety, sampling, geology equipt, supplies			$1,820.70	
				$1,820.70	**$1,820.70**
Freight					
	samples Nanaimo to Vancouver			$217.01	
				$217.01	**$217.01**

TOTAL Expenditures **$61,938.12**

Appendix 6

Mineral Titles Online Statement of Work Event 4801749

Mineral Titles Online

Mineral Claim Exploration and Development Work/Expiry Date Change

Confirmation

Recorder:	HOULE, JACQUES R. (137830)	**Submitter:**	HOULE, JACQUES R. (137830)
Recorded:	2010/OCT/15	**Effective:**	2010/OCT/15
D/E Date:	2010/OCT/15		

Mineral Claim Exploration and Development Work/Expiry Date Change

- Select Input Method
- Select/Input Tenures
- Input Lots
- Link Event Numbers
- Data Input Form
- Upload Report
- Review Form Data
- Process Payment
- Confirmation

- Main Menu
- Search for Mineral / Placer / Coal Titles
- Search for Reserve Sites
- View Mineral Tenures
- View Placer Tenures
- View Coal Tenures

- MTO Help Tips
- Free Miner Landowner Notification

Exit this e-service

Confirmation

If you have not yet submitted your report for this work program, your technical work report is due in 90 days. The Exploration and Development Work/Expiry Date Change event number is required with your report submission. **Please attach a copy of this confirmation page to your report.** Contact Mineral Titles Branch for more information.

Event Number: **4801749**

Work Type: Technical Work
Technical Items: Geochemical, Geological, Prospecting

Work Start Date: 2010/MAR/04
Work Stop Date: 2010/OCT/14
Total Value of Work: $ 59562.20
Mine Permit No:

Summary of the work value:

Tenure Number	Claim Name/Property	Issue Date	Good To Date	New Good To Date	# of Days For-ward	Area in Ha	Applied Work Value	Sub-mission Fee
551391	TOWER 1	2007/feb/07	2011/jan/10	2015/sep/25	1719	475.15	$ 17739.50	$ 895.11
697103	TOWER 2	2010/jan/09	2011/jan/09	2015/sep/25	1720	516.50	$ 13261.90	$ 973.56
697123	TOWER 3	2010/jan/09	2011/jan/09	2015/sep/25	1720	516.71	$ 13267.37	$ 973.96
697124		2010/jan/09	2011/jan/09	2015/sep/25	1720	206.66	$ 5306.27	$ 389.53
697125	TOWER 4	2010/jan/09	2011/jan/09	2015/sep/25	1720	165.33	$ 4245.16	$ 311.64
704935	EAST TOWER EXTENTION	2010/jan/28	2011/jan/28	2015/sep/25	1701	227.30	$ 5741.60	$ 423.71

Financial Summary:

Total applied work value: $ 59561.80

PAC name: Dan Berkshire
Debited PAC amount: $ 0.0
Credited PAC amount: $ 0.4

Total Submission Fees: $ 3967.51

Total Paid: **$ 3967.51**

Please print this page for your records.

The event was successfully saved.

Please use ***Back*** button to go back to event confirmation index.

Appendix 7

ARIS Title Page for 2010 Assessment Report

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Geology and Geochemistry Program on the Tower Property

TOTAL COST: $61,938.12

AUTHOR(S): Jacques Houle, P.Eng.
SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 4801749

YEAR OF WORK: 2010

PROPERTY NAME: Tower

CLAIM NAME(S) (on which work was done): 551391, 697103, 697104, 697124, 698125, 704935

COMMODITIES SOUGHT: Copper, Molybdenum, Gold

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN:

MINING DIVISION: Nanaimo
NTS / BCGS: 092K05W
LATITUDE: _____° _____' _____"
LONGITUDE: _____° _____' _____" (at centre of work)
UTM Zone: 10N EASTING: 393000 NORTHING: 5570000

OWNER(S): Dan Berkshire, Compliance Energy Corporation

MAILING ADDRESS: #1 - 523 Island Highway, Campbell River, B.C. V9W 2B9

OPERATOR(S) [who paid for the work]: Compliance Energy Corporation

MAILING ADDRESS: 550 – 800 West Pender Street, Vancouver, B.C. V6C 2V6

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**)
Mafic volcanics, granodiorite, diorite, feldspar porphyry, hornblende porphyry, Jurassic, Triassic, Faults, quartz-epidote-sulphide veins, chalcopyrite, bornite, pyrite, narrow, steeply dipping

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:
29910

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)	250 hectares	551391, 697103 704935	22,893.01
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for …)			
Soil	382 samples Gold+Multi-elements		10,408.44
Silt			
Rock	15 samples Gold+Multi-elements		408.71
Other Moss Mat	37 samples Gold+Multi-elements		1,008.15
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			20,843.02
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)			
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)			
Underground development (metres)			
Other - Report			6,376.79
		TOTAL COST	61,938.12