

Mapping and Geochemical Assessment Report on the Newton-Prosperity Area Property Package

Event #: 4817580

Clinton Mining Division

**BC Geological Survey
Assessment Report
32372**

BCGS: 0920.062, 064, 052, 072, 082, 083, 084, 092, 093

Centred at:

*51.8037° N Latitude
123.5335° W Longitude*

UTM NAD 83, Zone 10

*Tenure #s: 684103, 684105, 684123-125, 684128-131, 685103-107, 685123,
685983, 686003-005, 840451-452, 840465, 840468, 840472, 840475*

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1. Summary

This report has been prepared for Geo Minerals and summarizes the geochemical and mapping exploration program conducted on the Chevy, Tete Angela, Newton North, Newton East, Prosperity NW, CC and Vick Properties southwest of Williams Lake, B.C. (Figure 1).

Geo Minerals contracted UTM Exploration Services Ltd. of Smithers, BC to perform the fieldwork and Mr. Robert F. Weicker, P. Geo of Kleinebar Resources to act as Qualified Person for the project.

The Properties acquired have little historical work in recent years with regional property coverage by Brinco Mining Ltd in 1984 and Placer Dome in 1989.

Due to the extensive glacial coverage and lack of historical work, it is theorized that the true nature and understanding of other mineralized intrusives similar to those in local proximity to the area (Newton and Prosperity Deposits) lies at depth and unexposed.

Geo-Minerals proposes to approach the entire property coverage with a moderate geochemical survey that might better illustrate and expose this underlying potential.

NOTE: Claims 840451-452, 840465, 840468, 840472, 840475 were re-staked immediately following the field season as they were inadvertently let to expire by a miscalculation of dates. Upon speaking with Mr. Allan Wilcox at the Ministry of Energy and Mines, he indicated that he would be willing to accept work done on these claims even though the tenure numbers would have changed part way through the work/SOW/report filing.

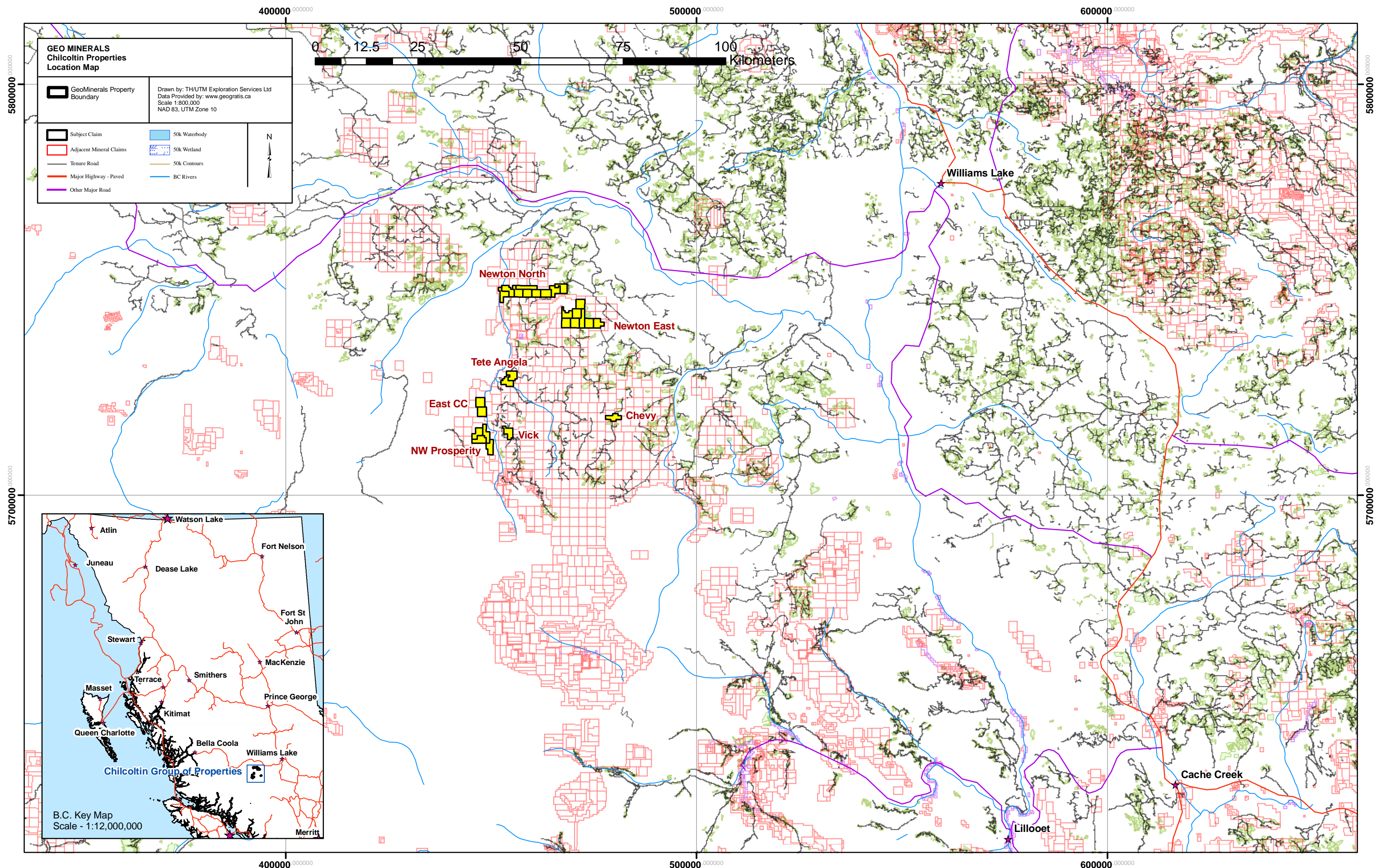


Figure 1. Location Map.

2. Property Description, Location, and Infrastructure

Geo-Minerals' properties are located in west central British Columbia in the Clinton Mining District, on NTS maps 0920 052/062/064/072/082/083/084/092/093. The area of the current work program is approximately 120km southwest of Williams Lake, B.C., centered at 51.8037° N and 123.5335° W.

2.1 Mineral Tenure Information

The Geo-Minerals Properties consist of 25 claims comprising an area of 12177.42 hectares (Figure 1 and Table 1). All claims are held 100% by Geo-Minerals Ltd. The work program described in this report was conducted on all tenures

Table 1. Mineral Tenure Descriptions.

Tenure Number	Type	Claim Name	Good Until	Area (ha)
684103	Mineral	AMARCEASTAAA	20121212	479.2555
684105	Mineral	AMARCEASTBBBB	20121212	499.2075
684123	Mineral	AMARCEASTCCCC	20121212	499.3455
684124	Mineral	AMARCEASTDDDD	20121212	499.4367
684125	Mineral	ASCOT	20101212	514.5384
684128	Mineral	AMARCEASTFFFF	20121212	498.9796
684129	Mineral	AMARCNORTHAAAA	20121212	398.9829
684130	Mineral	AMARCNORTRHBBB	20121212	478.7797
684131	Mineral	AMARCNORTHCCCC	20121212	398.9839
685103	Mineral	AMARCNEAAAAA	20121214	478.7153
685104	Mineral	AMARCNORTHVVVVV	20121214	478.6487
685105	Mineral	AMARCNWAAAAA	20121214	498.7685
685106	Mineral	AMARCNWCCCC	20121214	478.7586
685107	Mineral	AMARCNWBTTTTT	20121214	498.6707
685123	Mineral	AMARCNERRRRRR	20121214	498.5993
685983	Mineral	AMARCSOUTHWESTAAAAA	20121215	482.1024
686003	Mineral	AMARCSOUTHWESTBBBBB	20121215	502.3627
686004	Mineral	AMARCSOUTHWESTCCCCCC	20121215	502.2187
686005	Mineral	AMARCSOUTHWESTDDDDDD	20121215	502.5408
840451	Mineral	VICK	20111209	502.1391
840452	Mineral	EAST CC	20111209	501.4529
840465	Mineral	CHEVY	20111209	481.6392
840468	Mineral	TETE ANGELA 1	20111209	500.7233
840472	Mineral	EAST CC	20111209	501.6684
840475	Mineral	TETE ANGELA 2	20111209	500.9027
			Total Ha	12177.421

2.2 Accessibility

All claims are accessed via Hwy 20, heading west from Williams Lake, BC.

CHEVY CLAIM GROUP

The Chevy claim (with boundaries approximately in the shape of the Chevrolet logo) is located in the southeastern portion of the claim group area. Access from Highway 20 is via Big Creek/Fletcher Rd, then via the 200 Forestry Service Road (FSR) to the 5400 FSR. The latter transects the claim in a north-south direction.

NEWTON NORTH GROUP

The Newton North claim group, comprised of nine claims, is located in the northwestern portion of the claim group area. Access to the property is from Highway 20 to the Chilko-Newton FSR west of Alexis Creek. The route turns south here and the forestry road crosses the Chilko River at Gap Canyon to eventually bisect the property. Numerous logging roads provide good access within the property area.

NEWTON EAST GROUP

The six-claim Newton East group is located in the northwestern portion of the claim group area: 15km SE of Newton North. Access from Highway 20 at Hanceville, then south on the Hanceville cut-off road to the Minton Creek Forest Service Road, then onto the Taseko Mine road. The latter bisects the claim. Numerous new logging roads and a seismic line provide excellent access within the claim area.

PROSPERITY NORTHWEST

The Prosperity Northwest (Prosperity NW) comprises four claims located in the southwestern corner of the claim group area. Access from Highway 20 at Hanceville, then south on the Hanceville cut-off road to the Minton Creek Forest Service Road, then onto the Taseko Mine road. The latter crosses the southeasternmost claim. A narrow track runs along the southern boundary of the claim group and a north trending branch of this road extends through the center of the property. These roads are narrow, rough, and difficult to navigate. The terrain is thickly forested and has much deadfall hindrance. Steep topography characterizes the east side of the property.

EAST CC

The East CC property is comprised of two claims located 1.8 km north of the Prosperity NW property. Access from Highway 20 at Hanceville, then south on the Hanceville cut-off road to the Minton Creek FSR, then onto the Taseko Mine road.

The property is west of the mine road and has no drivable road access, with very steep topography along the eastern side. In addition, the property area has signage indicating the active presence of a “Grizzly Bear Preserve”.

VICK

The Vick property comprises one claim located 3.5 km east of the Prosperity NW claim group’s easternmost boundary. Access from Highway 20 at Hanceville, then south on the Hanceville cut-off road to the Minton Creek FSR, then onto the Taseko Mine road. The claim is located east of the mine road, with excellent access via numerous logging roads.

TETE ANGELA

The Tête Angela property comprises two claims located 10 km north of the Vick property. Access from Highway 20 at Hanceville, then south on the Hanceville cut-off road to the Minton Creek FSR, then onto the Taseko Mine road. Access to the claim is via several logging roads on the west side of Taseko Mine Road between kilometre marks 45 and 49. There are also two historic seismic lines cutting through the property in a SW direction (~250 degrees azimuth).

2.3 Physiography and Climate

The Geo-Minerals set of properties are situated in the Chilcotin Forest District of the Southern Interior Forest Region. The region has been extensively logged and lies within an area of extensive pine beetle kill. The Chevy, Prosperity NW, Tete Angela, Vick, CC, Newton North and Newton East properties are open forest and/or abundant cut blocks. The areas populated by trees are populated primarily by lodge pole pine, aspen, minor spruce and Douglas fir. Topography is generally flat to gentle with minor rolling hills across the Chevy, Newton North, Newton East and Tete Angela with slightly higher terrains along the properties that lie along or proximal to the Taseko River to the west.

Temperatures in Williams Lake can average 18 to 22° C in summer and -8 to 2° C in winter with maximums of 30° C in summer and minimums down to -35° C in winter. Annual rainfall and snowfall in 2009 averaged 32.7cm and 217cm respectively (Environment Canada Website <http://www.for.gov.bc.ca/dch/>).

3. History

Prior to 2010 the area has seen very little exploration work. Brinco Mining Ltd staked claims totaling 348 units in the area in 1984 that extended north from the Taseko Prosperity Mine Deposit and included the Prosperity NW, Vick, CC, and Tete

Angela. Brinco conducted a variety of geochemical and geophysical surveys including airborne magnetics and VLF, soil, stream and rock geochemistry, ground magnetics and VLF.

Brinco's exploration target was a large tonnage; Nevada type low grade disseminated gold deposit in the Kingsvale volcanics and sediments. In 1985 four vertical percussion holes totaling 692 metres were drilled. Drill targets were defined by arsenic anomalies and VLF and magnetometer data. No significant gold values were encountered.

The claims were allowed to lapse and subsequently Placer Dome staked the area in 1989. Placer conducted soil and rock geochemical sampling as well as geophysical surveys. Results verified Brinco's anomalous arsenic findings. Placer theorized that since the target mineralization is probably structurally controlled and steeply dipping, as in an epithermal model, vertical drill holes were unlikely to intersect mineralization. However, Placer did not follow up on this theory and let the claims lapse.

In August 1993, Mr. Ed Alionis staked the area to encompass the of previous exploration programs by Brinco and Placer Dome.

The earliest known work in and around the Newton North and Newton East claims occurred in 1916 when Mr. Newton produced gold from a small shaft and some open cuts (Durfeld, 1994). No further work is reported until 1965. After 1965 the "Newton Hill" area (between Newton North and Newton East) has been actively explored.

No exploration program has been performed on the Chevy Property; however, minor prospecting in the area has produced the "Mike Showing" (GSC 1963-29).

4. Geological Setting

4.1 Regional Setting

The properties cover a window of Mesozoic intrusive and volcanic rocks surrounded by overlying Cenozoic volcanic rocks. The claim areas are underlain by rocks forming part of the Tyaughton trough successor basin. Northwest trending folded and faulted sedimentary and volcanic rocks of the Kingsvale group are of mid Jurassic to late Cretaceous age. The Kingsvale group has been intruded by younger plutonic to hypabyssal stocks and dykes. Much of the claim areas are covered by relatively flat lying Pliocene and Miocene basaltic flows.

Large scale structural features include the northwest trending strike-slip Yalakom fault situated to the southeast. The Taseko River along the western edge of the claim areas (immediately east of the Prosperity NW and CC claims) is likely an associated

splay fault. A northwest trending lineament seen on air photos corresponds to the western edge of the altered zones at the two gullies (Brinco Assessment Report, 14159).

4.2 Local Geology

Outcrop in the area is poor and much of the claims are covered by flat lying basalt. The only areas of exposed rocks were in the Newton North, Chevy, Vick and Tete Angela claims and were comprised of felsic volcanics and basalt flows. Twenty two (22) outcrop and/or float grab samples were sampled.

4.3 Mineralization and Alteration

Mineralization observed within the twenty rock samples was minimal and limited to disseminated fine grained pyrite. Alteration observed was dominantly propylitic with recognized chlorite, epidote and minor quartz.

5. Exploration

5.1 Property Bedrock Mapping

5.1.1 Introduction

Work expressed in this report describes the results of a geochemical and mapping program conducted in October and November 2010. Seven hundred and twenty-one (721) geochemical soil samples were taken as well as twenty-two (22) rock samples.

5.1.2 Lithology, Alteration and Structure

Chevy Claim Group

Despite generally poor exposure, float boulders were able to be used to infer lithological boundaries. Significant outcrop, comprising crystal tuff, is restricted to one road-cut on the 5400 road, near the northern claim boundary.

Two main geological units are present: 1) a suite of felsic volcanics and 2) vesicular basalt flows containing volcanic glass. The contacts of the two lithologies appear to be generally irregular along a NE-SW trend. A third group of lithologies consists of intrusive porphyries of intermediate to mafic composition. These rocks occur as float, mostly along the southeastern claim boundary.

Eocene basalt (**VB**) is the youngest lithology mapped. Basalt is present as thick, extensive flows throughout the general Newton area, but is restricted to scattered float boulders within the Chevy claim. Basalt flows are commonly medium grey with a massive to 'sandy' texture. Flow tops are coarsely vesicular, in places interbedded with tuffaceous layers. Vesicles are mm to cm scale, open, and commonly slightly flattened. They are picritic basalts comprised of plagioclase and yellow olivine crystals; other mafic minerals are absent, possibly due to alteration and leaching. Devitrification of volcanic glass (forming distinctive peacock blue specks) has created mm-scale vugs comprising up to 30% of the rock volume.

The felsic volcanic suite predominantly comprises a clast-rich, feldspar-phyric crystal tuff to crystal lithic tuff (**XT**). The mineral mode is approximately 20% relatively uniform mm scale quartz clasts, 10-20% distinctively zoned white plagioclase feldspar phenocrysts (rare penetration twins), and characteristically, 5-15% 5mm-scale laths and prisms of hornblende or biotite. The lithology has rare clear to milky quartz eyes. The groundmass is fine grained and felsic. This unit outcrops in a 5400 road cut, and to the east on the flanks of the highest hill on the claim. **XT** is generally weakly clay-altered, and locally variably silicified or chloritized. Associated felsic units, less aerially extensive, as mapped from float include fiamme tuff (**FIT**), rhyolite (**FR**), and ash tuff with quartz vein bands (**FAT**). Float boulders of fiamme tuff display 5mm-scale green, sigmoidal, sericite altered fiamme in a clast-rich volcanic tuff breccia. Rhyolite is weakly banded and contains 1-3mm quartz eyes. Both rhyolite and fiamme tuff occur in close association with crystal tuff on the western flank of the highest hill on the Chevy claim. Disrupted cm-scale quartz bands in two float boulders of silicified and chloritized ash tuffs (**FAT**) near the northeastern claim corner suggest a shear or sheared contact nearby. This corroborates mapping by Hickson (1993), which infers a NW-SE trending shear at the eastern claim boundary.

Float boulders of porphyritic rock are scattered throughout the claim, but are mostly concentrated along the southeastern and southern claim boundaries. No single mappable porphyry unit was found; although the porphyries have been grouped together on the map, they include distinct compositions such as andesite, quartz diorite, monzonite and tonalite.

No significant mineralization was discovered in the areas mapped. The GSC's "Mike's Showing" (1963-29), described as being a copper occurrence at 480000E 5718000N, was not found. This area is characterized by extremely poor exposure; with scattered volcanic and porphyritic intrusive float in an area disturbed by logging. Sample 131503 was taken nearby from float of felsic fragmental volcanic rock bearing trace pyrite in siliceous clasts.

Ten rock samples were collected for assaying (Figure 2).

Newton North Group

Basalt flows exposed in cliffs along the east side of the Taseko River valley form significant areas of outcrop in the western property area. The flows are massive to coarsely vesicular and include minor volumes of tuffaceous interbeds. Interflow contacts are subhorizontal and are marked by scoriaceous to brecciated flow tops. Individual flows can range from sub-metre to 5 metre thickness. Polygonal cooling cracks and poorly developed columnar jointing characterize the thicker flows. In outcrop, the rock is dark grey weathering and medium grey on fresh surfaces. The groundmass mostly plagioclase and very fine grained mica, rarely 15% fine grained amphibole is evident. Commonly, trace to 0.25% "peacock" iridescent flakes are disseminated throughout (devitrified volcanic glass?). The basalt is locally calcareous and weakly to moderately magnetic.

An unusual lithology associated with the basalt is a subhorizontal layer (70cm thickness exposed) of soft, orange-tan calcareous tuff (Photo 6). This is very light weight material, possibly altered pumice. It is recessive weathering, and occurs at base of base of a basalt flow. An assay sample 131452 was taken of the tuff. An orange-yellow soil colour anomaly extends about 100 metres along strike to the south of the sample point.

The Taseko River exposes pale maroon-grey, thin mafic flows (20cm -50cm) marked by cm-scale vesicular flow tops oriented $290^{\circ}/35^{\circ}$ (Photo 7). The rock is composed of pale maroon to pale yellow feldspar laths coated with very fine grained white mica, and contains trace to 0.25% "peacock" flakes (iridescent blue, one good cleavage, semi-metallic lustre) possibly devitrified volcanic glass? Assay sample 131451 was taken here.

Rhyolite boulder float is scattered along a 300m NE trend in the north central claim area, across the boundary between claims 685104 and 685106. The remainder of the property area is covered with glacial till, lateral moraines, sandy outwash and with scattered boulders of massive to vesicular basalt.

A total of four rock samples were collected for assay analysis (Figure 3).

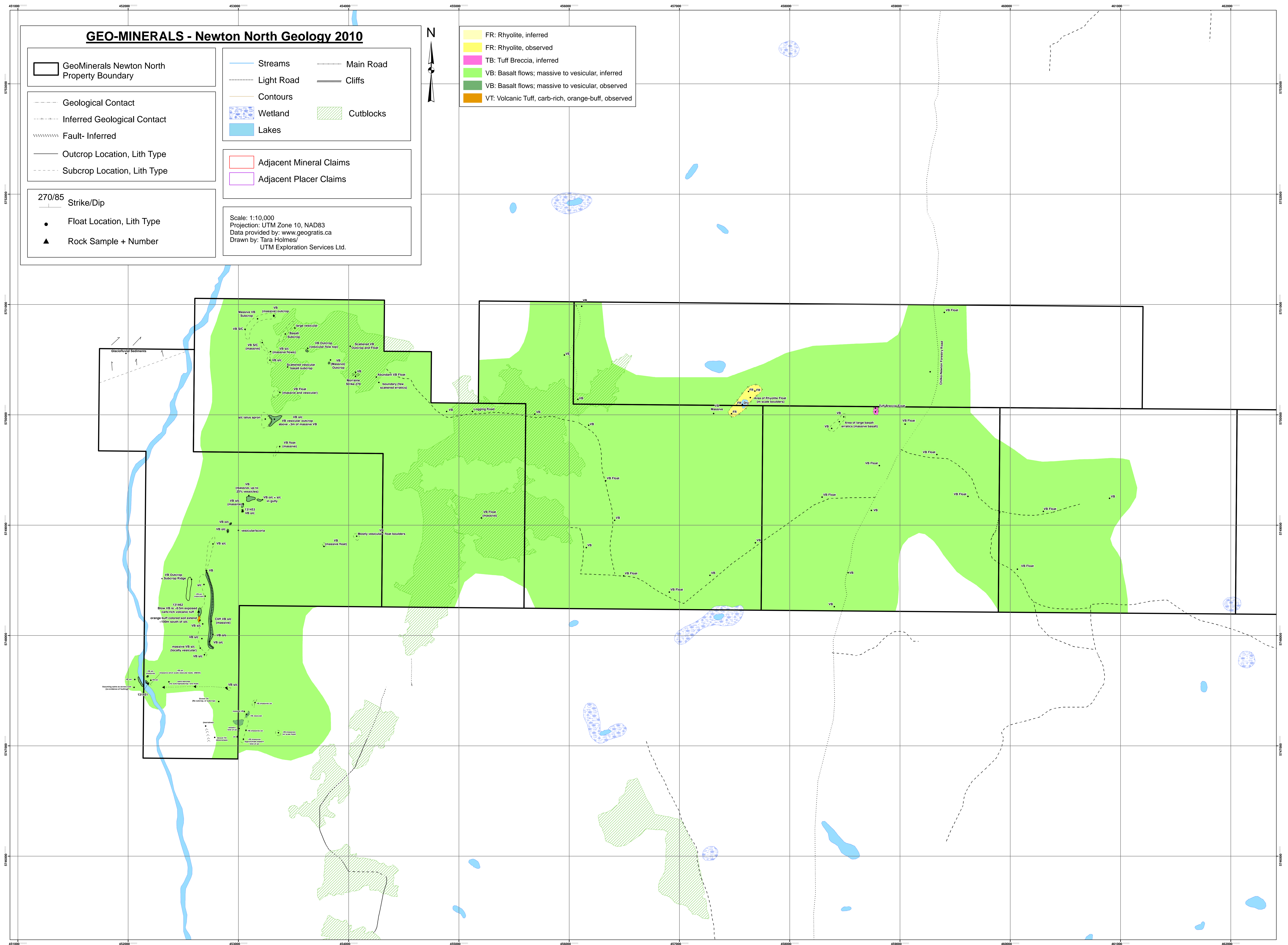


Figure 3. Newton North Geology Map.

Newton East Group

No outcrop was found in the claims area. The area is predominantly covered with glacial till and NE-SW oriented drumlins, and with boulders of massive to vesicular basalt flow float scattered throughout. Three areas of rhyolite boulder float were mapped on claims 684124 and 682524.

One rock sample was collected for assay analysis (Figure 4).

Prosperity Northwest

GSC mapping (Hickson 1993) suggests the area is underlain by felsic to intermediate volcanic rocks. Scattered intermediate volcanics and basalt float boulders were mapped on our traverses. An area of talus on the eastern side of the property was not examined due to weather and access constraints.

No rock samples were taken for assay analysis (Figure 5).

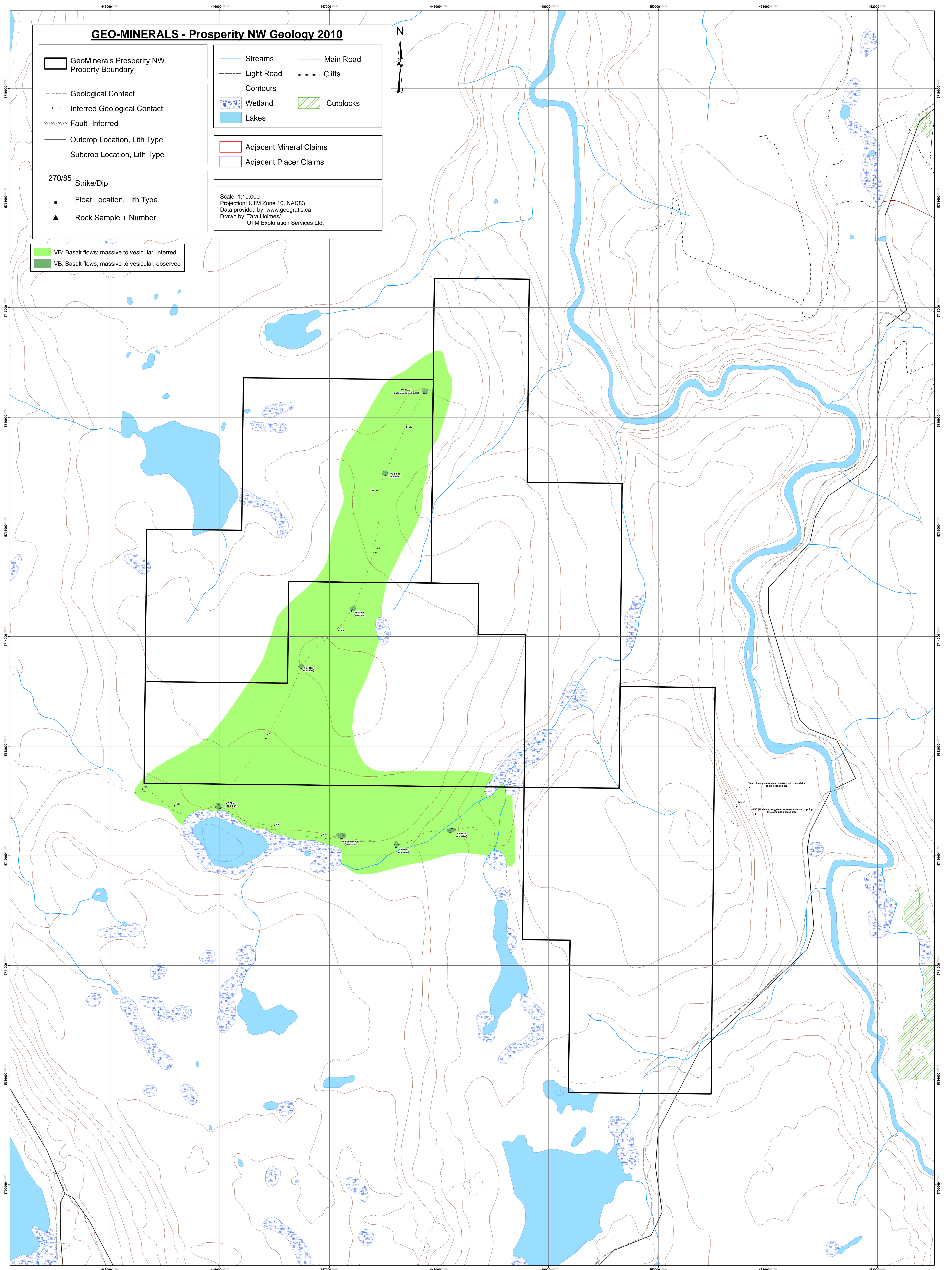


Figure 5. Prosperity NW Geology Map.

East CC

This area was not mapped or sampled.

Vick

A ridge of massive basalt flows, interbedded with tuff bands, outcrops to the north of Vick Lake. No mineralization was found.

Two rock samples were taken for assay analysis.

Tete Angela

Cliffs, approximately 2.5 km long, of feldspar-pheric felsic volcanoclastic rocks, and bedded sandstones grading to conglomerates, outcrop along the southern extent of the claim, following Tête Angela Creek. The cliffs are quite steep, making mapping difficult in many areas. Access to much of the exposure is limited, and the cliffs rise vertically up to 30m in some sections. The area was covered quickly due to time constraints, and should be mapped in greater detail in the future with more time and proper safety equipment. Suggest planning a traverse from below (along the Tête Angela Creek) to gain better access to outcrop, and many of the visible structural features.

Five samples were taken for assay on the Tête Angela claims (Figure 6).

A feldspar-pheric, felsic to intermediate volcanoclastic unit (**FV**) outcrops along most of the western exposure of the cliffs along Tête Angela Creek. The felsic volcanoclastic unit is a light maroon-grey, siliceous, crystalline to fine-grained groundmass, with mm scale feldspar phenos (5%), and mafic laths (0.5%). The unit contains few (0.5-1%) subangular to subrounded polyolithic clasts (mm scale, up to 1 cm), and is weakly bedded (cm scale) and locally fissile. 0.5%, mm scale qtz-carb veining throughout, with 0.5% weak hematitic alteration, and moderate local fracture and vein controlled oxidation throughout unit. This unit appears to be at least 10m (possibly up to 30m) thick. No visible sulphides. Three outcrop rock samples were taken from this unit along the cliff outcrops for assaying (131516, 131517, 131518). All samples were oxidized and contained quartz-carbonate veining.

To the east along the cliff, there is a change in lithology to a sandstone and conglomerate unit (**SS/CGL**) – though a contact was not seen. The sandstone is light grey-brown, medium-grained, equigranular, with grains of mainly quartz, and other mafic to felsic polyolithic fragments. Cement appears to be clay and silica, and unit is not calcareous. The sandstone is massive to finely bedded (mm scale), with an orientation of these beds measured at 250/38. In some areas, the medium-grained, equigranular sandstone grades to an overlying conglomerate unit with up to 60% sub-rounded polyolithic clasts/cobbles, from 0.2-15cm in diameter. The

conglomerates mapped appear to always overlie, and grade from, the sandstone, with the conglomerate being between 1- 7m thick. The overlying conglomerate unit is quite weathered and friable, with moderate local oxidation near surface. A small area of eroded cobble talus often directly overlies the outcrop. No veining or sulphides were seen within these units. (**Note**: The contact between **FV** and **SS/CGL** has been inferred on the map, and is only an estimation. Since the outcrop was not seen from below it is possible that the felsic volcanoclastic unit (**FV**) is interbedded with the sandstones/conglomerates (**SS/CGL**), or the **SS/CGL** may in fact overlie the **FV** unit in the cliff.)

Massive basalt flow outcrop (**VB**), with few vesicles, was mapped along the most easterly exposures of the Tête Angela Creek. The basalt is fine-grained to aphanitic, medium grey (on fresh surface) and moderately magnetic. The weathered surface is dark brownish-black. This outcropping is accessible within a few hundred metres of the Taseko Mine road in the south-eastern corner of the claims. One sample (131519) was taken of this outcrop for assaying. No visible mineralization within unit. This unit has been seen continuously within the other claims mapped in the area (Chevy, Newton North, East, Prosperity NW, and Vick). This outcropping is lacking any peacock blue mineral inclusions.

A section of sub-angular Tuff Breccia (**TB**) erratics was mapped in the southeast of the claims (as seen on the Chevy and Newton North Claims). The tuff breccia is matrix-supported, with a light greenish-grey, fine-grained to aphanitic groundmass, and 40% poly lithic mm and cm scale clasts (some megaclasts up to 25cm). Clast lithologies vary from vesicular basalt, chert, and banded rhyolite, to other unidentified mafic and felsic clasts. The unit contains ~1%, mm scale, white quartz veining (up to 2cm thick). No visible sulphides were seen. The tuff breccia erratics seem to align in a NW-SE orientation.

There is also a 200m area of abundant sandstone float in the southwest of the property, where a sample was taken for assaying (131515). This sandstone is light tan-buff, to light grey -green in colour, harder than the unit found on the cliffs (Si-rich), massive with rare clasts, and found in angular float pieces. The sandstone float correlates with a local increase in topography.

The remainder of the property mapped is covered with massive to vesicular textured basalt erratics (**VB**), up to metres in scale.

The north-eastern section of the property was not mapped due to time constraints. Access to this area is via a number of logging roads, and a southwest trending seismic line that is accessible by quad. However, there do not appear to be any topographical features within the area to suggest the presence of outcrop.

5.2 Rock Geochemistry

The rock samples taken were analyzed for a suite of elements through an ICP-MS analysis. Of all sampled rock, no significant gold, copper, zinc, silver, molybdenum, values were identified

5.3 Soil Geochemistry

Anomalous thresholds for gold (Au), copper (Cu), and zinc (Zn) were set as follows:

- For Newton North (East) and Newton North (West), Chevy, and Vick Properties, thresholds were Au 0-5 ppb, 5.1-10 ppb, and >10 ppb. Of 558 samples where gold was detected, the soil sample average was 7 ppb Au. The above limits are designed to better outline anomalous zones within a dominantly low threshold. (Appendix I).
- For Prosperity NW, thresholds were Au <1.9 or >2 ppb.
- Cu 0-10 ppm, 10.1-15 ppm, and >15 ppm.
- Zn <50 ppm, 50.1-75 ppm, >75 ppm.

See Appendix I for soil geochemistry maps.

6. Sampling

6.1 Sampling Method and Approach

6.1.1 Rock Samples

All of the Properties with the exception of the CC property and the Prosperity NW Property were sampled. A total of 22 rock float and or outcrop samples were taken across the 7 properties visited. Extensive glacial coverage limited the amount of samples retrieved, however, where possible, either float or outcrop, grab samples were taken. All sample locations were marked with a G.P.S. co-ordinate UTM NAD83 co-ordinate system, type of sample taken, elevation taken, comment descriptions, etc. (see Table 2).

Table 2. Rock Sample Descriptions.

Sample #	Easting	Northing	Elev (m)	Sample Type	Project	Claim	Sampler	Date	Description
131501	479526	5719270	1481	float grab	Newton	Chevy	TS/SH	24-Oct-10	Buff felsic volcanic with fsp pheno's, quartz eyes, weak kaol clay alteration, tr magnetite, 5-15% biotite/hble laths to 5mm; blocky, jointed outcrop at road cut
131502	480050	5718088	1476	float grab	Newton	Chevy	TS/SH	25-Oct-10	Gn gy Si-chlor altd fragmental volcanic; vesic & felsic clasts to 7mm; with tr quartz microveinlets, tr dissem py (primary + veins), tr boxworks
131503	479985	5718030	1482	float grab	Newton	Chevy	TS/SH	25-Oct-10	Feldspar phyrlic, gy ppl hem-chlor altd fragmental volcanic AA; polyolithic clasts; tr primary dissem py, tr dissem py in cm scale clasts
131504	479166	5718550	1498	composite grab of float	Newton	Chevy	TS/SH	25-Oct-10	vesicular basalt with trace peacock blue after devitrified glass, carbonate
131505	480231	5719401	1549	float grab	Newton	Chevy	TS/SH	26-Oct-10	green grey v fine grained rhyolite with rare mm scale felsic clasts, single 2mm qtz microveinlet
131506	480034	5719090	1525	float grab	Newton	Chevy	TS/SH	26-Oct-10	coarse grained Si altered porphyritic intrusive (tonalite?) with rare very fine grained py, blue qtz eyes, 90% qtz-5% biotite composition
131507	481425	5719964	1462	composite grab of outcrop	Newton	Chevy	TS/SH	27-Oct-10	dark brown red, fine grained basalt with 1% qtz-carbonate veins (irreg + on slickensides), part bxd, 10% chlorite-serpentinite
131508	478098	5719223	1390	float grab	Newton	Chevy	TS/SH	28-Oct-10	dark grey-dark gy green, pervasively Si altd, fsp phyrlic volcanic with chlorite, 3% magnetite, 10% epidote altn, scattered mafic & polyolithic clasts to 5cm
131509	479156	5717971	1492	float grab	Newton	Chevy	TS/SH	29-Oct-10	musc-biotite-qtz schist with up to 5% FeOx boxworks, tr 1-2mm quartz vein; mod foliation fabric
131510	479475	5718509	1484	float grab	Newton	Chevy	TS/SH	29-Oct-10	green Si-chlorite altd felsic volcanic; weak schistosity; with elongate cherty fragments up to 7cm, 1-3% magnetite, tr py?, fgr sericite/musc, rare blue qtz eyes
131511	453085	5749129	1127	float grab	Newton	Newton Nth	TS	03-Nov-10	massive grey-grey brown basalt with 5% purplish magnetite
131512	472158	5743269	1167	float grab	Newton	Newton East	TS	05-Nov-10	cream to buff angular rhyolite with rare vfgr primary dissem py. Dendritic Mn on weathered surface
131513	454633	5714456	1422	composite grab of outcrop	Newton	Vick	TS	09-Nov-10	med dark grey basalt with rare mm scale vesicles, weak carbonate, v weakly magnetic

6.1.2 Soil Samples

Of the 4 individual properties that were soil sampled, all grids were established prior to going into the field with grid lines running east west, with a line separation for the properties as follows:

- Chevy had a line separation of 50m with sample separation every 50m for the first 6 grid lines to the north, followed by 100m line separation and 50m sample separation for the remainder of the property;
- Vick had a line separation of 400m with a sample site separation of 50m;
- Prosperity NW had a line separation of 900m with a sample site separation of 100m; and
- Newton North had a line separation of 1000m and a sample site separation of 200m.

Sample sites were located and established using a Garmin handheld GPSs. GPS coordinates were taken on every sample site station and recorded both in the field notes and within the GPSs. There were instances where sufficient representative samples could not be taken because of poor soil conditions, a site in the middle of a roadway or the sample site was marked within a swamp or other body of water, stream or pond.

The soil geochemical survey covered a physio-geographic area including Douglas fir, lodge pole pine with extensive pine beetle infestation and rare aspen

All soil samplers were clearly instructed in the techniques of “B” horizon soil sampling. Sample horizons were identified and the rationale for collecting “B” horizon soils outlined. Sampling was done using narrow tree-planting shovels, mattocks and soil augers. Most samples could be collected from a depth of 20-25cm. Sufficient sample was taken to fill a kraft soil sample bag.

See Appendix II for soil sample data.

6.2 Sample Preparation, Analyses, and Security

All samples were sent to Acme Analytical Laboratories in Smithers, BC, where they were prepared and then shipped to the Acme testing facilities in Vancouver, BC. See Appendix III for Acme Methodology Descriptions and Appendix IV for Data Certificates..

7. Interpretation and Conclusions

Over the course of interpretation of the soil geochemical data from the 2011 program, weak to moderate anomalous areas of interest have been observed, in

particular, within the modeled Au, Cu and Zn ICP parameters. Anomalous areas over the Chevy property are coincident with the known intrusive and extend south to south southeast toward the Mike Showing. No immediate and/or apparent anomalous zones appeared throughout the Newton North Property; however, sampling here was minimal and widespread. Prosperity NW and Vick Properties both showed anomalous zones that had a north south attitude that appears to reflect the regional geological stratigraphy.

Overall, the area, though extensively covered in glacial overburden, has shown potential through the exploration technique of geochemical soil sampling, however, this exploration tool alone is not sufficient to target areas for future exploration programs; i.e. drilling. Additional measures and additional exploration techniques will be required to better delineate and better understand this covered terrain.

The properties are situated proximal to two known deposits, the Newton Deposit to the north and the Taseko Prosperity Deposit to the south; both of which are hosted within deep seeded porphyry complexes of similar age and style.

8. Recommendations

Due to the extensive glacial overburden coverage of the area it is strongly recommended that a Z-Tem geophysical airborne survey be flown over the property. This survey will test the depths of the areas and will provide sufficient subsurface data that has the potential to better identify underlying intrusives. In addition to this airborne survey, it is recommended that continued mapping and geochemical soil surveys be performed over the areas of least coverage and those of higher priority with respect to proximity of the known deposits of the area.

9. Statement of Costs

See Appendix V for a full breakdown of costs.

Kleinebar Resources (P.Geo/QP Services)	\$29,199.48
UTM Exploration Services Ltd.	
Accommodation	\$27,881.28
Fuel	\$2819.64
Airfare	\$5238.45
Meals	\$172.67
Truck Rental/Mileage	\$18,660.60
Communications	\$224.00
Labour	\$93,050.00
Assays	\$14,349.76
Expenses	\$2,302.79
Rentals	\$7,035.00
Management Fee	\$11,261.00
Report Writing (15 Hours)	\$1050.00
Maps (5 hours)	\$300.00
Total Expenditures:	\$213,544.57

10. References

Ditson, G. and C. Mark Rebagliati. 2010. Assessment Report on Diamond Drilling Performed on the Newton Property. British Columbia Ministry of Energy and Mines, Assessment Report 31636.

Durfekl, R. M. 1994. Geophysical (Magnetic) and Geochemical (Soil) Report on the Newton Mineral Claims. British Columbia Ministry of Energy and Mines, Assessment Report 23660.

Epp, W.R. and B.P. Butterworth. 1985. Geology, Geochemistry, Geophysics and Percussion Drilling, Taseko Claims. British Columbia Ministry of Energy and Mine, Assessment Report 14159.

Massey, N.W.D., et al. 2005. Digital Geology Map of British Columbia. British Columbia Ministry of Energy and Mines, Geological Survey Branch, Open File 2005-2, January 2005.

11. Statement of Qualifications

I, Anastasia Ledwon, do hereby state that:

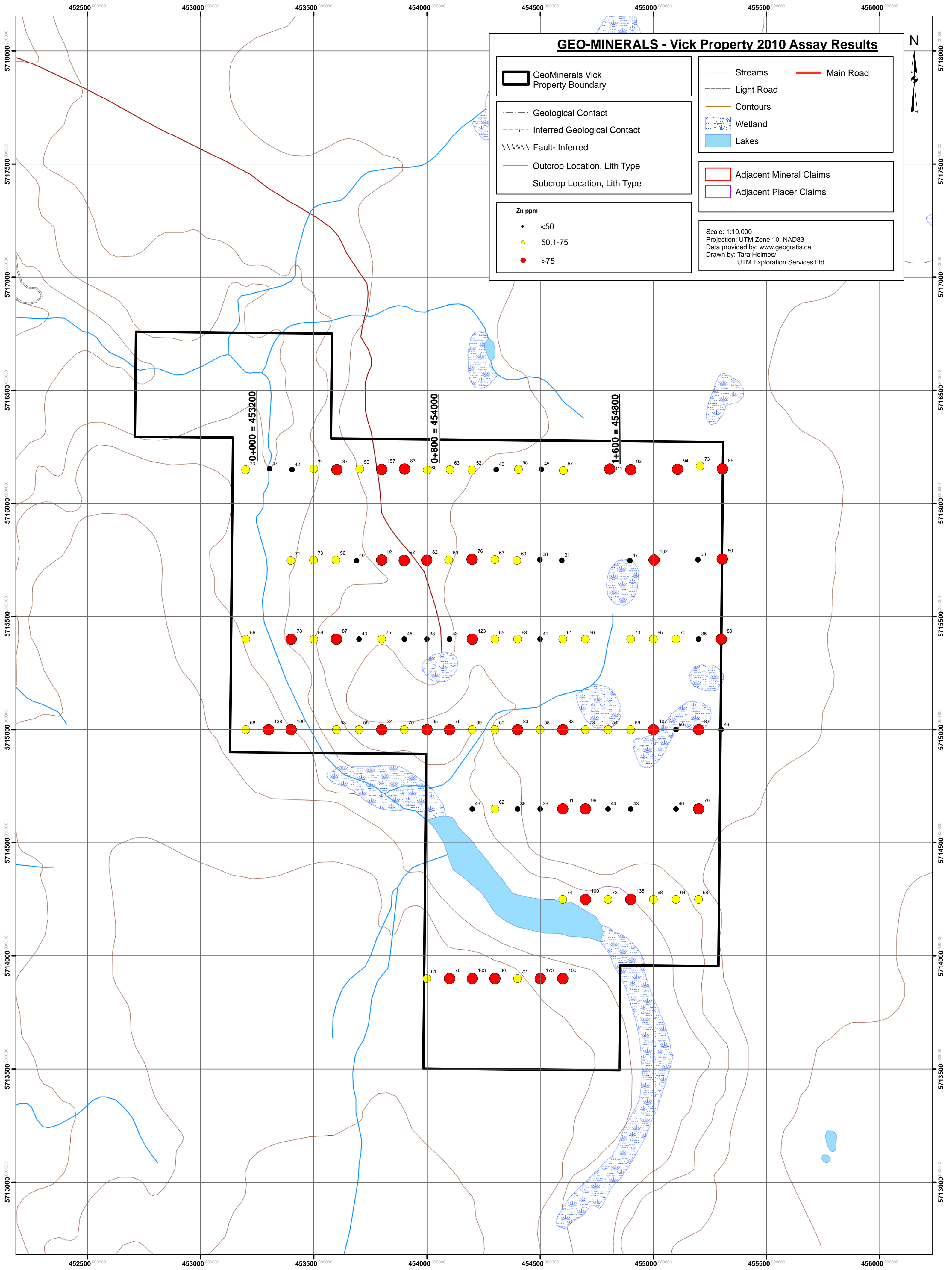
- I graduated from the University of Victoria in 1997 with a Bachelor of Science in Earth and Ocean Sciences, With Honours, With Distinction;
- I am a member of the Associate of Professional Engineers and Geoscientists of British Columbia and have been since September, 2009, License # 33898;
- I am owner and P.Geol for UTM Exploration Services Ltd. of Smithers, BC;
- I visited this property in October, 2010 but was not the Qualified Person or acting P.Geol for the project; however, UTM did supply the field geologists and crew for the project and practices excellent QA/QC procedures for all of our work.

Signed this 29th day of July, 2011, in Smithers, BC.

A handwritten signature in cursive script, appearing to read 'Anastasia Ledwon', with a horizontal line underneath.

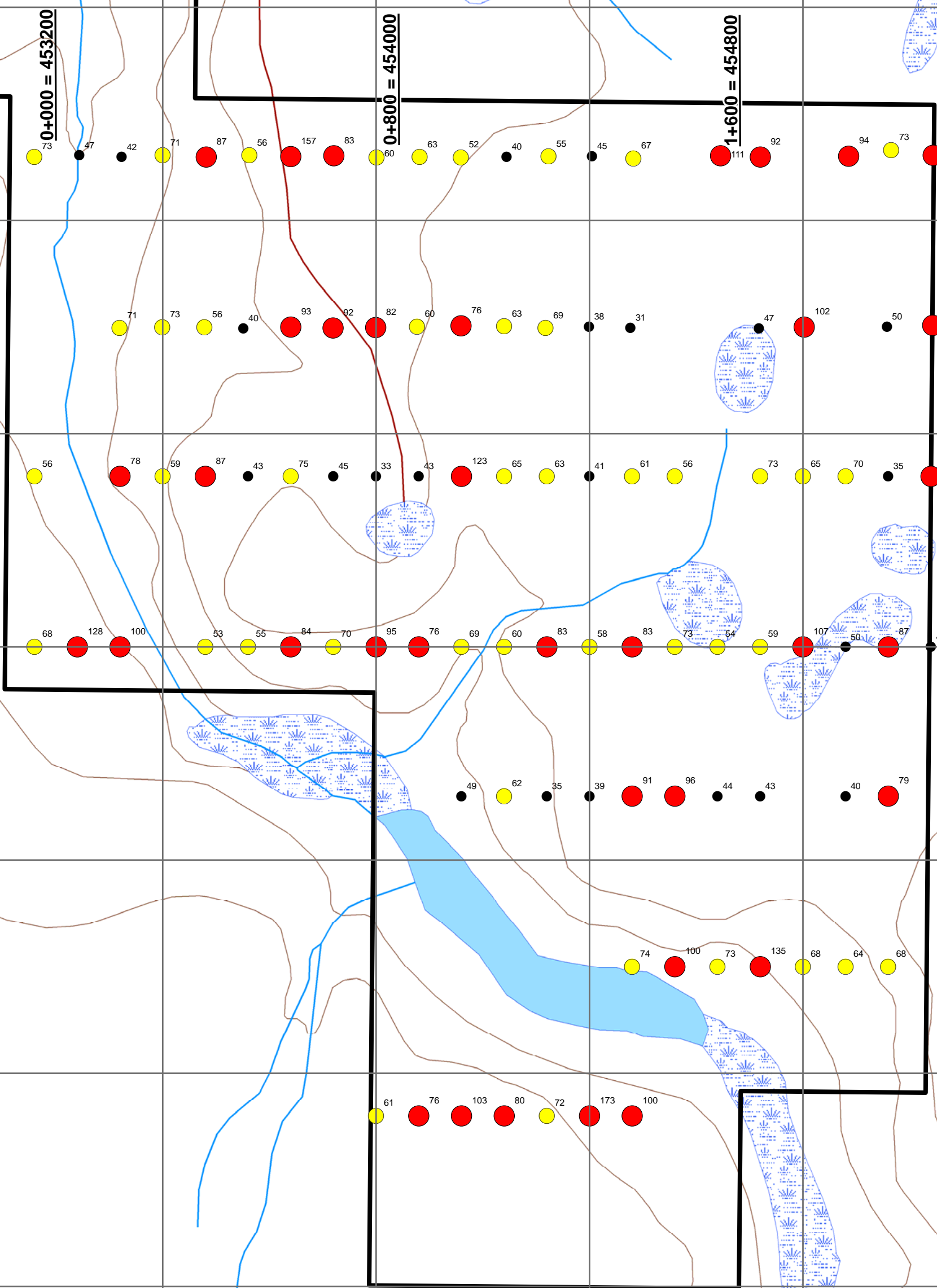
Anastasia Ledwon, P.Geol

APPENDIX 1: SOIL GEOCHEMISTRY MAPS



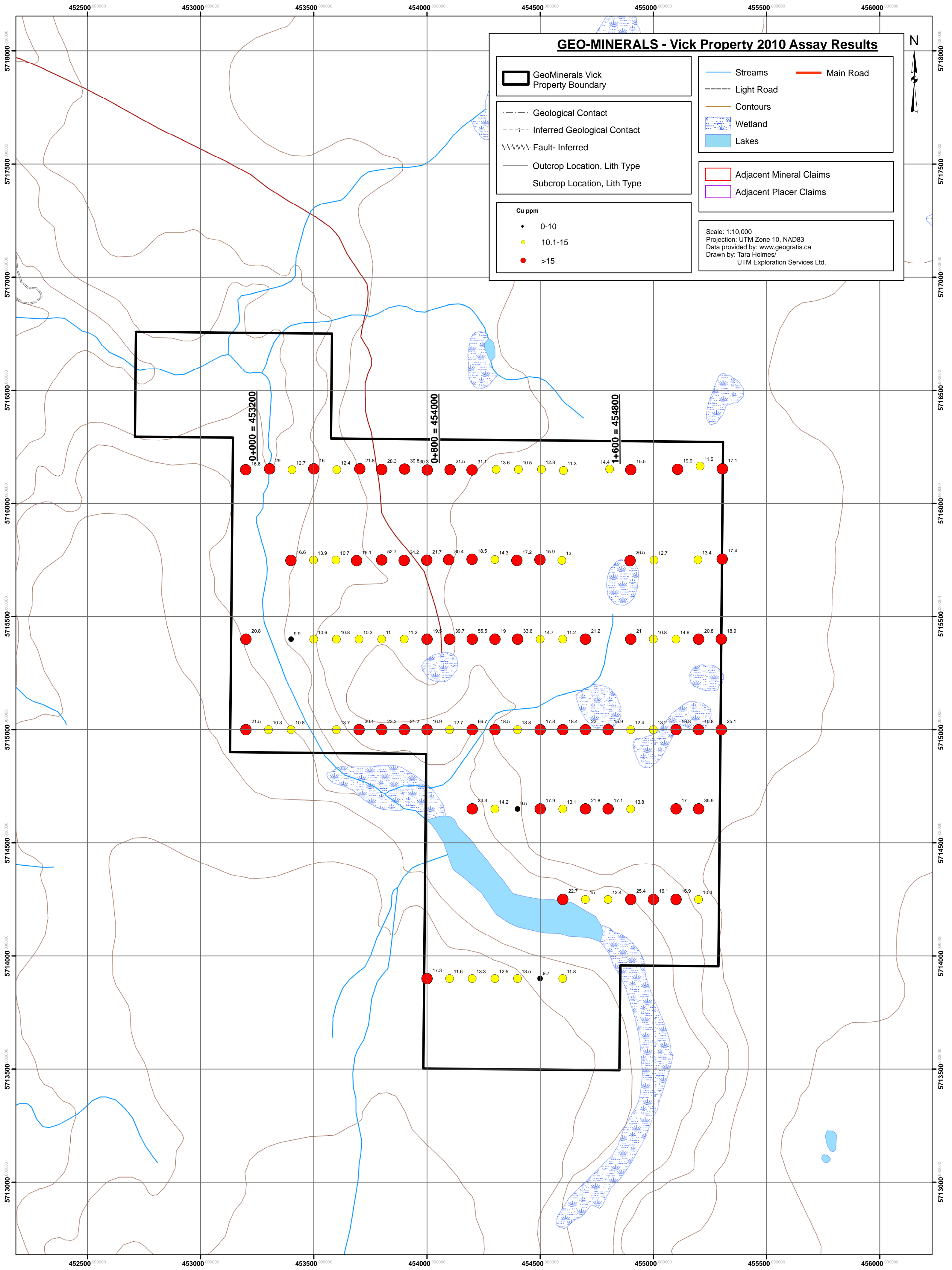
GEO-MINERALS - Vick Property 2010 Assay Results

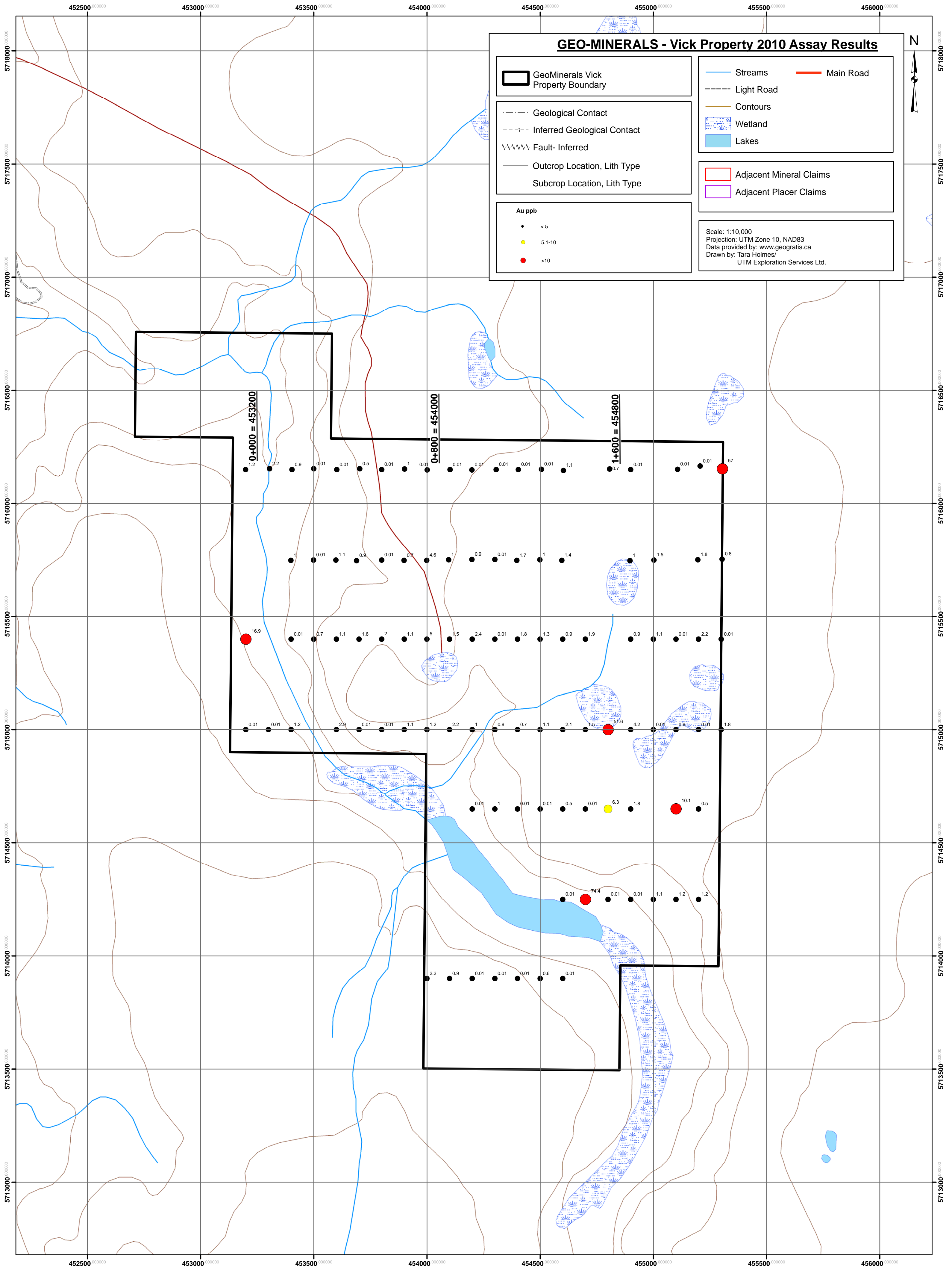
GeoMinerals Vick Property Boundary	Streams	Main Road
Geological Contact	Light Road	Contours
Inferred Geological Contact	Wetland	Lakes
Fault- Inferred	Adjacent Mineral Claims	Adjacent Placer Claims
Outcrop Location, Lith Type	Scale: 1:10,000 Projection: UTM Zone 10, NAD83 Data provided by: www.geogratis.ca Drawn by: Tara Holmes/ UTM Exploration Services Ltd.	
Subcrop Location, Lith Type	<p>Zn ppm</p> <ul style="list-style-type: none"> <math>< 50</math> 50.1-75 >75 	



GEO-MINERALS - Vick Property 2010 Assay Results

GeoMinerals Vick Property Boundary	Streams	Main Road
Geological Contact	Light Road	Contours
Inferred Geological Contact	Wetland	Lakes
Fault- Inferred	Adjacent Mineral Claims	Adjacent Placer Claims
Outcrop Location, Lith Type	Scale: 1:10,000 Projection: UTM Zone 10, NAD83 Data provided by: www.geogratis.ca Drawn by: Tara Holmes/ UTM Exploration Services Ltd.	
Subcrop Location, Lith Type	Cu ppm • 0-10 • 10.1-15 • >15	





GEO-MINERALS - Vick Property 2010 Assay Results

GeoMinerals Vick Property Boundary	Streams	Main Road
Geological Contact	Light Road	Contours
Inferred Geological Contact	Wetland	Lakes
Fault- Inferred	Adjacent Mineral Claims	Adjacent Placer Claims
Outcrop Location, Lith Type	Scale: 1:10,000 Projection: UTM Zone 10, NAD83 Data provided by: www.geogratis.ca Drawn by: Tara Holmes/ UTM Exploration Services Ltd.	
Subcrop Location, Lith Type		

Au ppb

- < 5
- 5.1-10
- >10

0+000 = 453200

0+800 = 454000

1+600 = 454800

GEO-MINERALS - Prosperity NW Assay Results 2010

GeoMinerals Prosperity NW Property Boundary

Geological Contact
 Inferred Geological Contact
 Fault- Inferred
 Outcrop Location, Lith Type
 Subcrop Location, Lith Type

Zn ppm

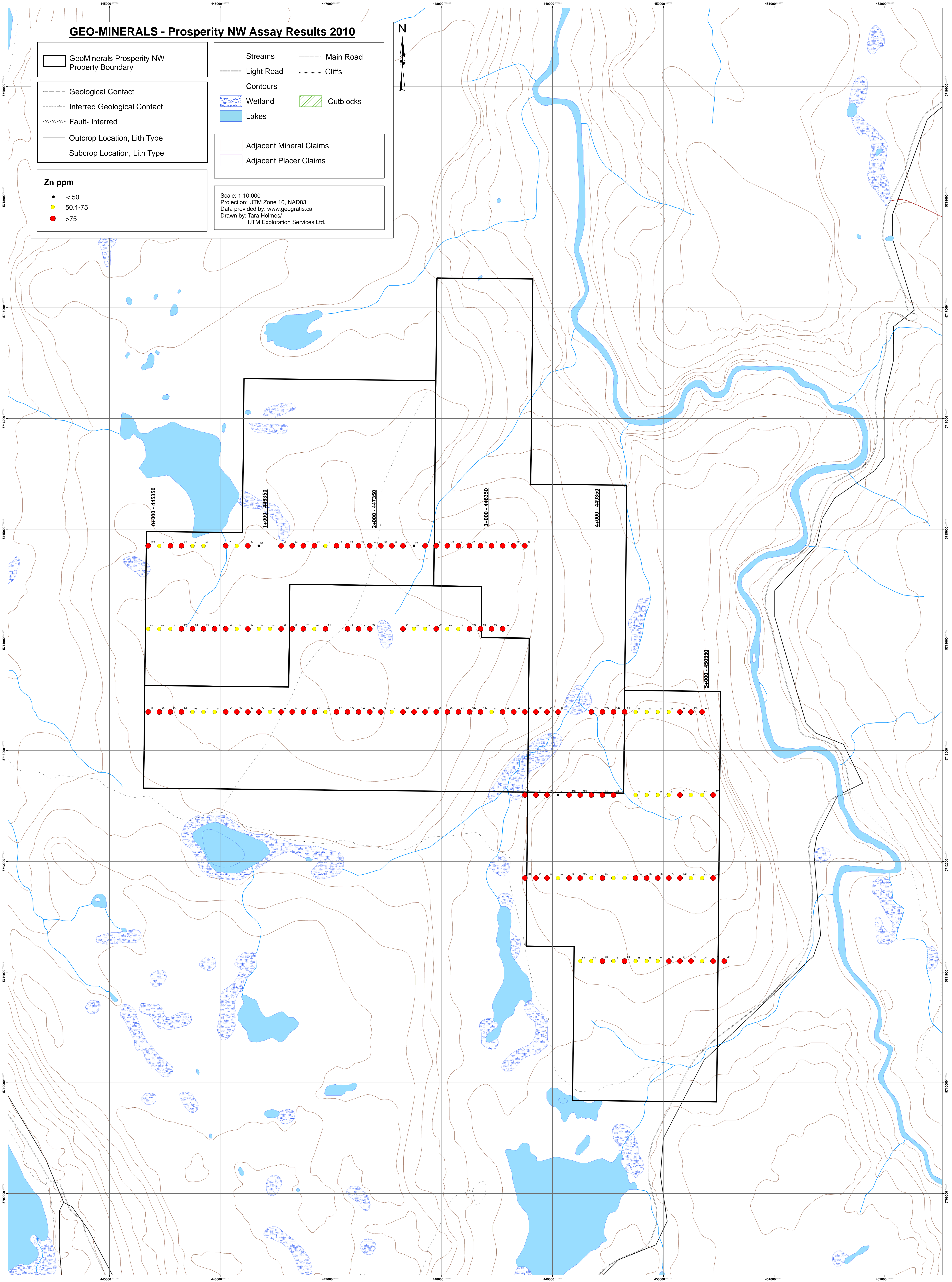
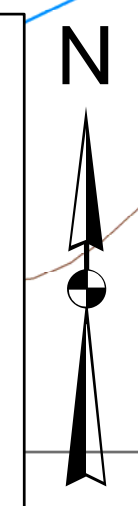
- < 50
- 50.1-75
- >75

Streams
 Light Road
 Contours
 Wetland
 Lakes

Main Road
 Cliffs
 Cutblocks

Adjacent Mineral Claims
 Adjacent Placer Claims

Scale: 1:10,000
 Projection: UTM Zone 10, NAD83
 Data provided by: www.geograts.ca
 Drawn by: Tara Holmes/
 UTM Exploration Services Ltd.

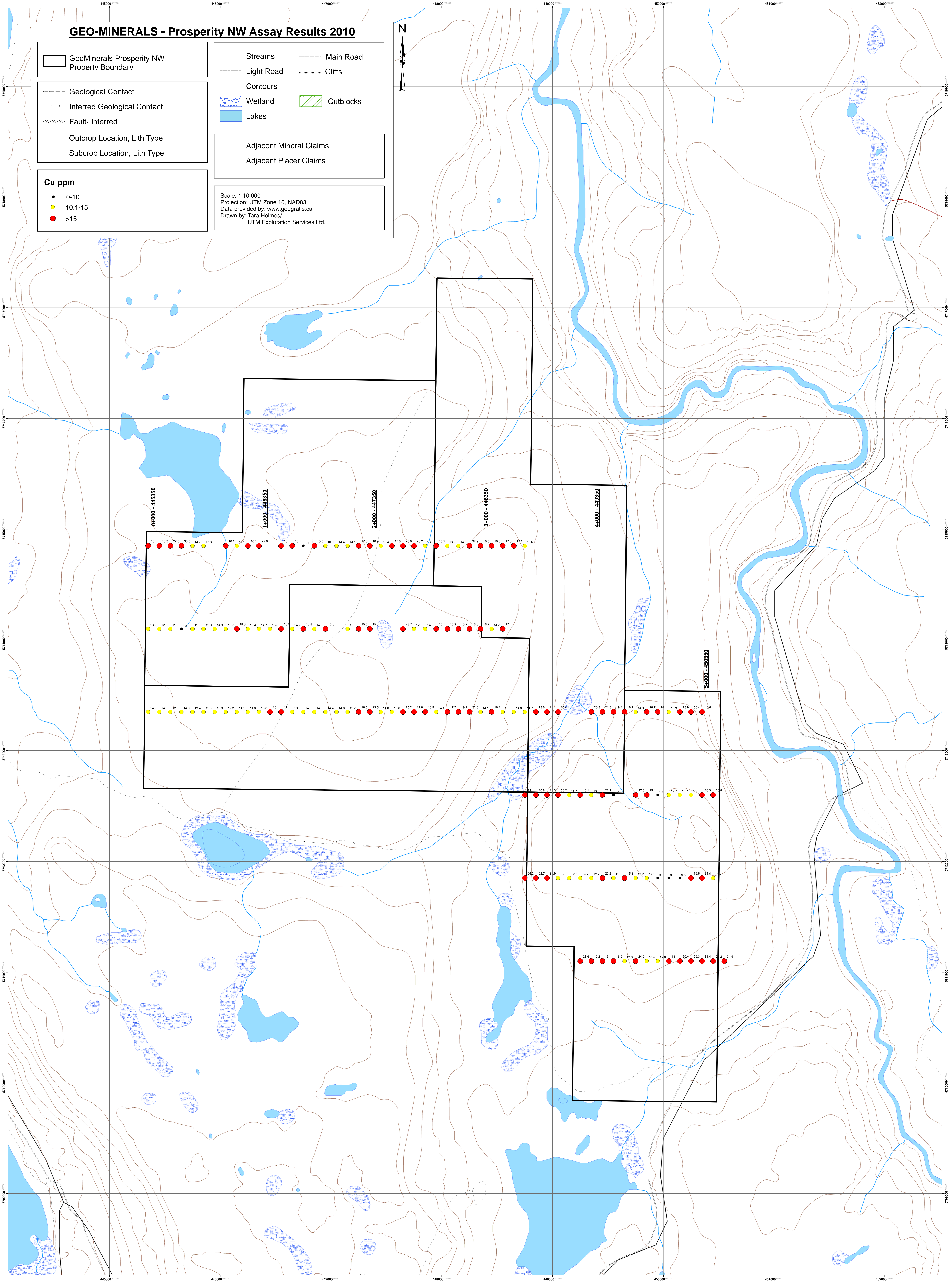


GEO-MINERALS - Prosperity NW Assay Results 2010

Cu ppm

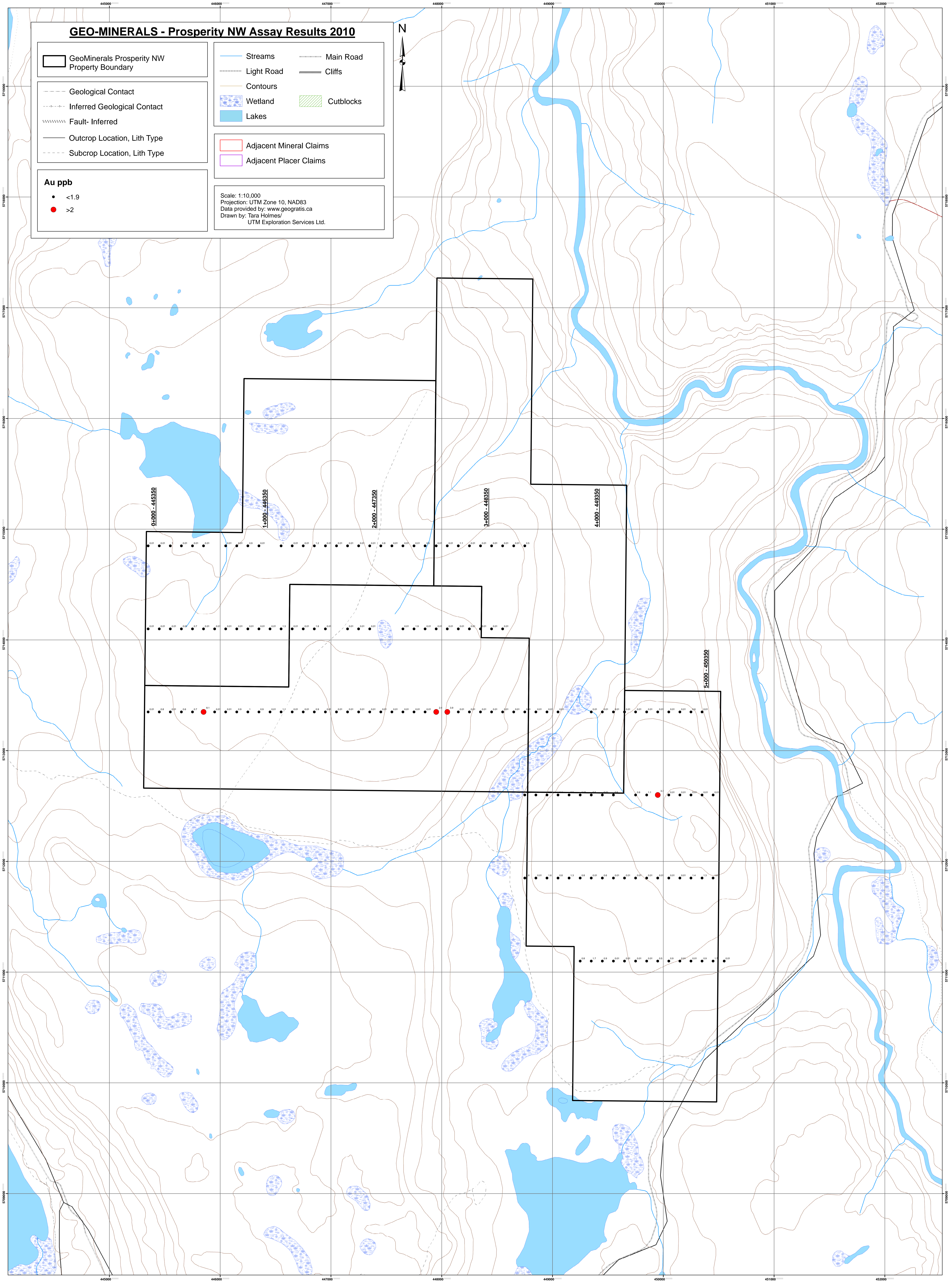
- 0-10
- 10.1-15
- >15

Scale: 1:10,000
 Projection: UTM Zone 10, NAD83
 Data provided by: www.geogatis.ca
 Drawn by: Tara Holmes/
 UTM Exploration Services Ltd.



GEO-MINERALS - Prosperity NW Assay Results 2010

GeoMinerals Prosperity NW Property Boundary	Streams	Main Road
Light Road	Contours	Cliffs
Geological Contact	Wetland	Cutblocks
Inferred Geological Contact	Lakes	
Fault-Inferred		
Outcrop Location, Lith Type		
Subcrop Location, Lith Type		
	Adjacent Mineral Claims	Adjacent Placer Claims
Au ppb	Scale: 1:10,000 Projection: UTM Zone 10, NAD83 Data provided by: www.geogratia.ca Drawn by: Tara Holmes/ UTM Exploration Services Ltd.	
< 1.9		
> 2		



GEO-MINERALS - Newton North 2010 Assay Results

GeoMinerals Newton North Property Boundary

Geological Contact

Inferred Geological Contact

Fault- Inferred

Outcrop Location, Lith Type

Subcrop Location, Lith Type

Zn ppm

- < 50
- 50.1-75
- >75

Streams

Light Road

Contours

Wetland

Lakes

Main Road

Cliffs

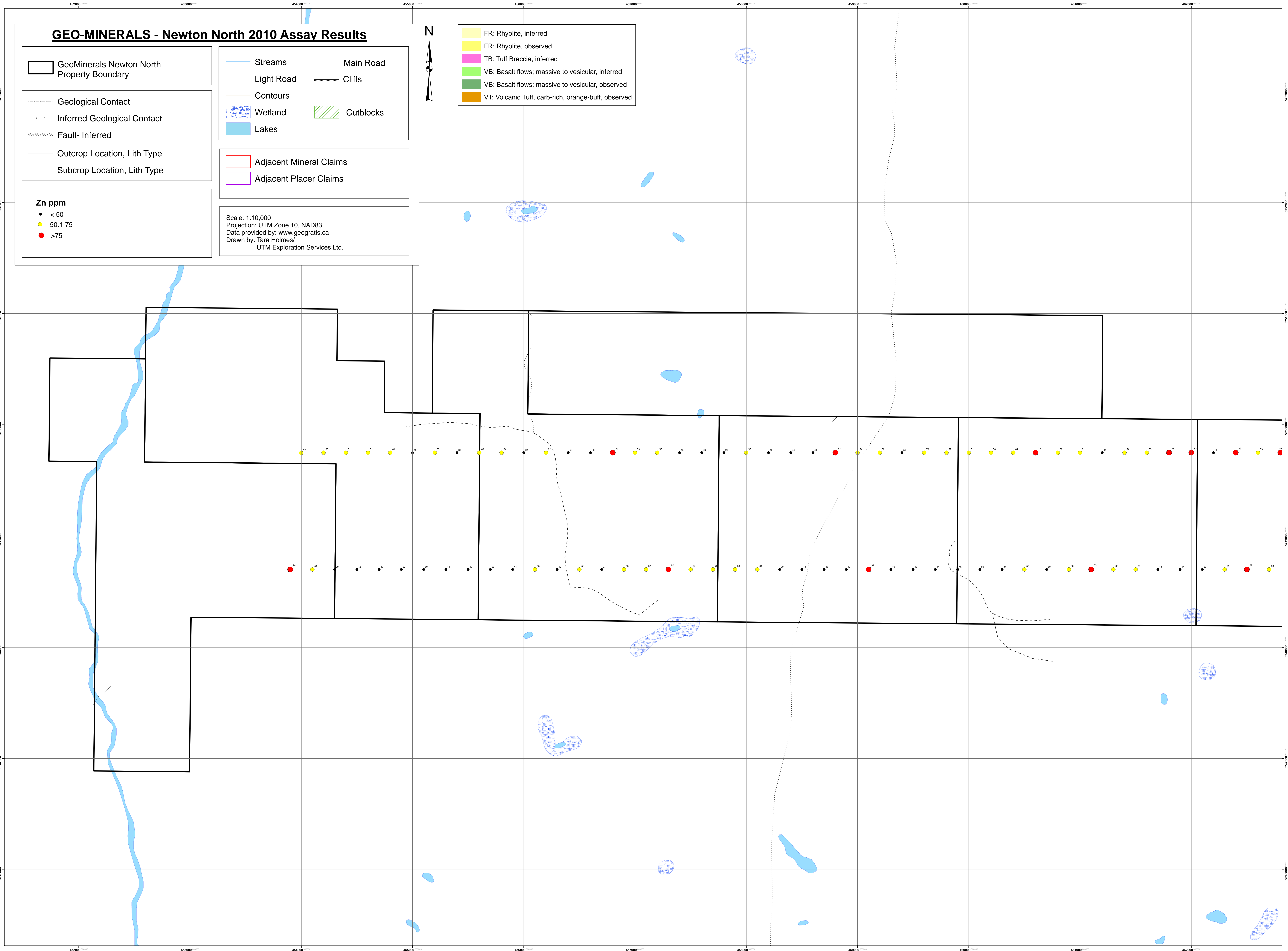
Cutblocks

Adjacent Mineral Claims

Adjacent Placer Claims

Scale: 1:10,000
 Projection: UTM Zone 10, NAD83
 Data provided by: www.geogratia.ca
 Drawn by: Tara Holmes/
 UTM Exploration Services Ltd.

- FR: Rhyolite, inferred
- FR: Rhyolite, observed
- TB: Tuff Breccia, inferred
- VB: Basalt flows; massive to vesicular, inferred
- VB: Basalt flows; massive to vesicular, observed
- VT: Volcanic Tuff, carb-rich, orange-buff, observed



GEO-MINERALS - Newton North 2010 Assay Results

GeoMinerals Newton North Property Boundary

Geological Contact

Inferred Geological Contact

Fault- Inferred

Outcrop Location, Lith Type

Subcrop Location, Lith Type

Zn ppm

- < 50
- 50.1-75
- >75

Streams

Light Road

Contours

Wetland

Lakes

Main Road

Cliffs

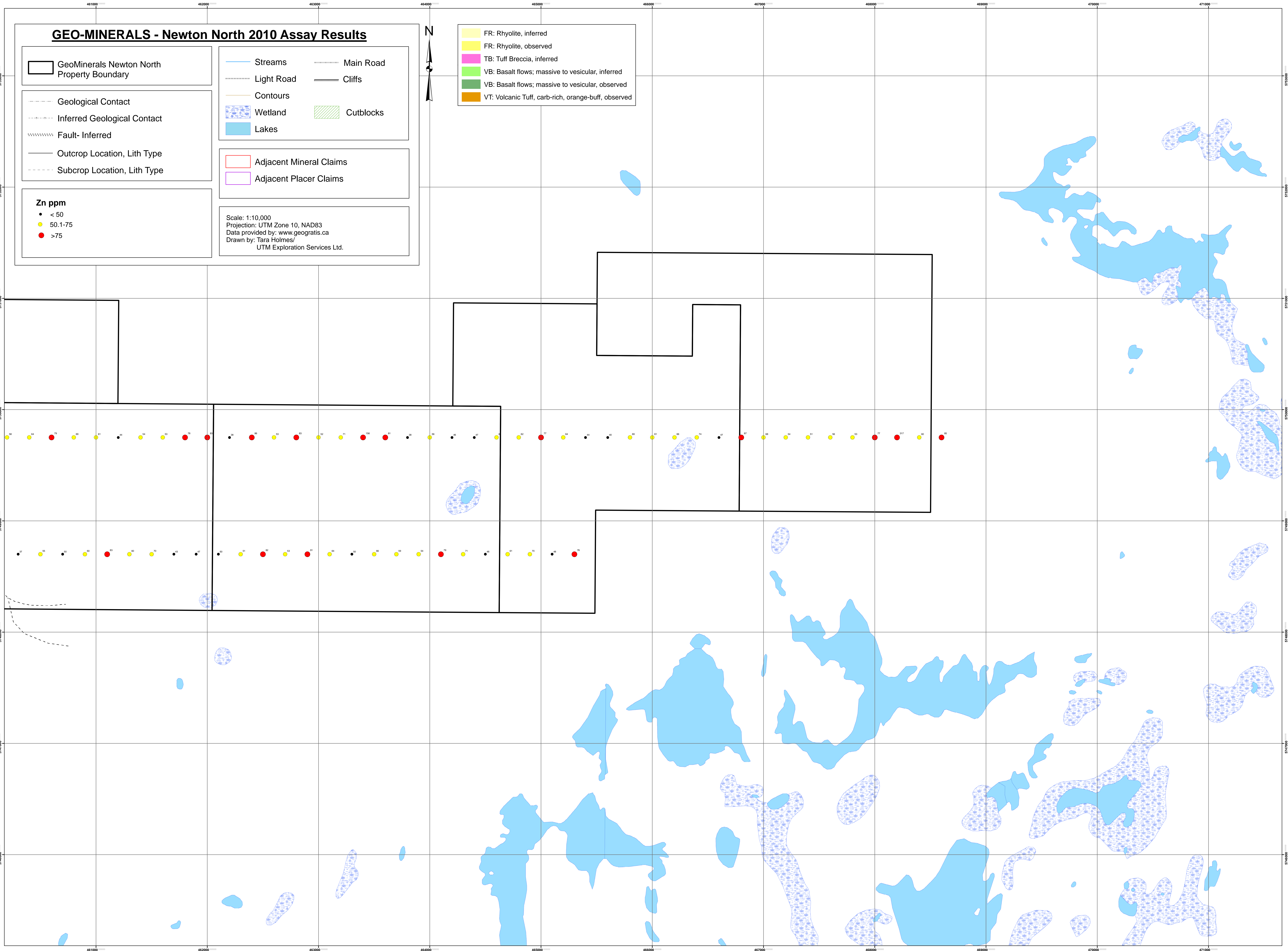
Cutblocks

Adjacent Mineral Claims

Adjacent Placer Claims

Scale: 1:10,000
 Projection: UTM Zone 10, NAD83
 Data provided by: www.geogratia.ca
 Drawn by: Tara Holmes/
 UTM Exploration Services Ltd.

- FR: Rhyolite, inferred
- FR: Rhyolite, observed
- TB: Tuff Breccia, inferred
- VB: Basalt flows; massive to vesicular, inferred
- VB: Basalt flows; massive to vesicular, observed
- VT: Volcanic Tuff, carb-rich, orange-buff, observed



GEO-MINERALS - Newton North 2010 Assay Results

GeoMinerals Newton North Property Boundary

Streams
Light Road
Contours
Wetland
Lakes

Main Road
Cliffs
Cutblocks

Geological Contact

Inferred Geological Contact

Fault- Inferred

Outcrop Location, Lith Type

Subcrop Location, Lith Type

Adjacent Mineral Claims

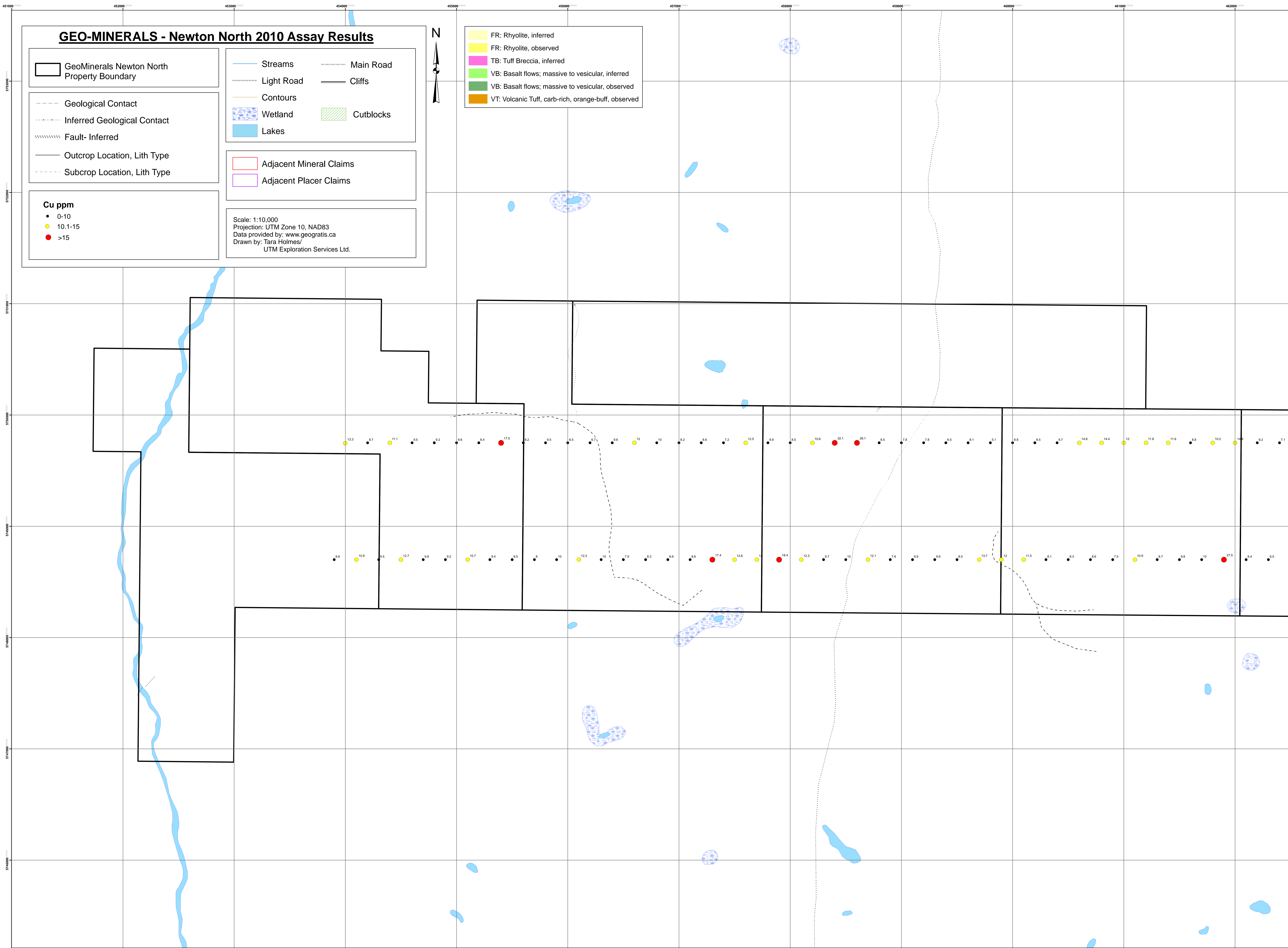
Adjacent Placer Claims

Cu ppm

- 0-10
- 10.1-15
- >15

Scale: 1:10,000
Projection: UTM Zone 10, NAD83
Data provided by: www.geogratia.ca
Drawn by: Tara Holmes/
UTM Exploration Services Ltd.

- FR: Rhyolite, inferred
- FR: Rhyolite, observed
- TB: Tuff Breccia, inferred
- VB: Basalt flows; massive to vesicular, inferred
- VB: Basalt flows; massive to vesicular, observed
- VT: Volcanic Tuff, carb-rich, orange-buff, observed



GEO-MINERALS - Newton North 2010 Assay Results

GeoMinerals Newton North Property Boundary

Geological Contact

Inferred Geological Contact

Fault- Inferred

Outcrop Location, Lith Type

Subcrop Location, Lith Type

Cu ppm

- 0-10
- 10.1-15
- >15

Streams

Light Road

Contours

Wetland

Lakes

Main Road

Cliffs

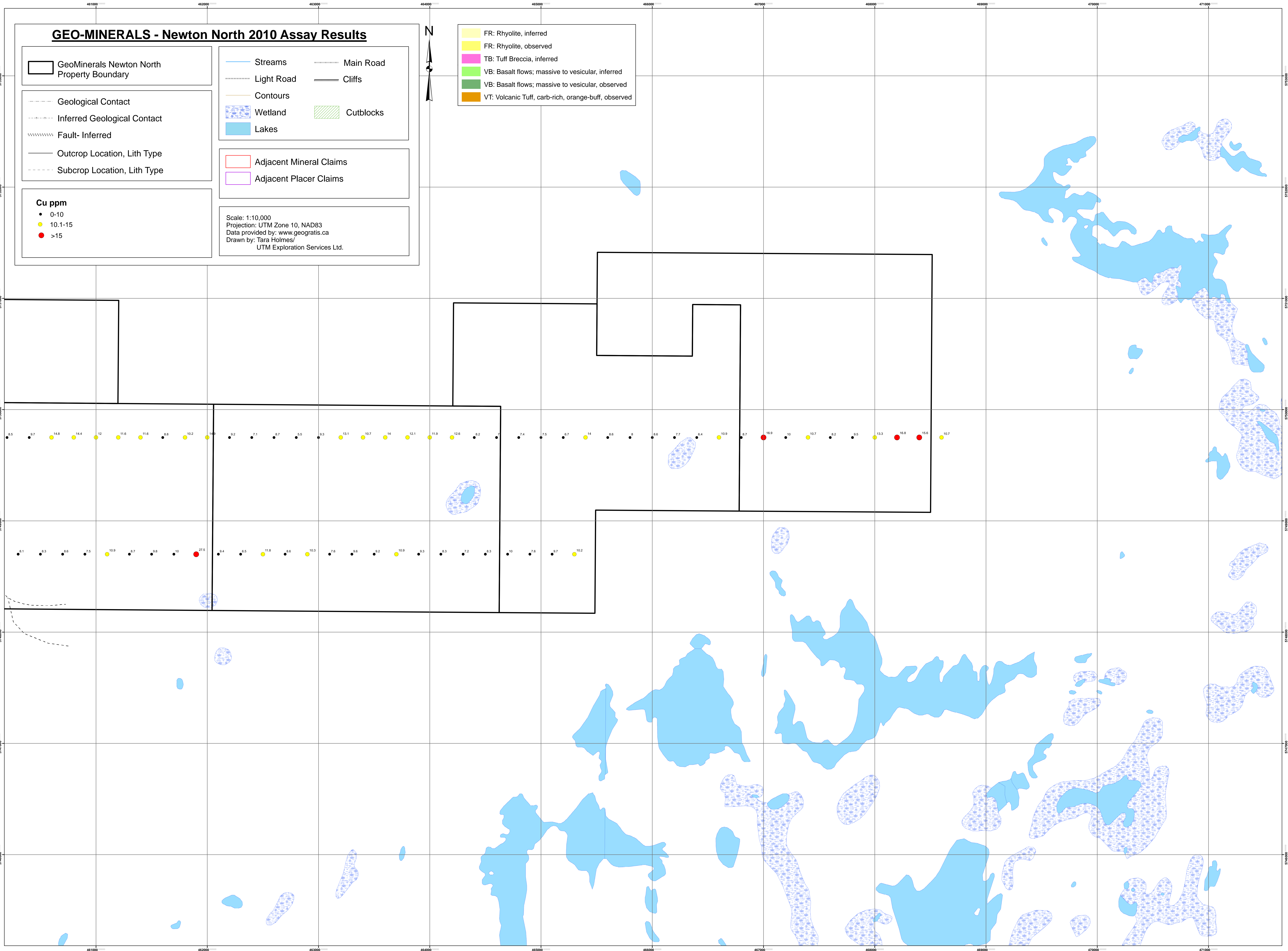
Cutblocks

Adjacent Mineral Claims

Adjacent Placer Claims

Scale: 1:10,000
 Projection: UTM Zone 10, NAD83
 Data provided by: www.geogratia.ca
 Drawn by: Tara Holmes/
 UTM Exploration Services Ltd.

- FR: Rhyolite, inferred
- FR: Rhyolite, observed
- TB: Tuff Breccia, inferred
- VB: Basalt flows; massive to vesicular, inferred
- VB: Basalt flows; massive to vesicular, observed
- VT: Volcanic Tuff, carb-rich, orange-buff, observed



GEO-MINERALS - Newton North 2010 Assay Results

GeoMinerals Newton North Property Boundary

Streams

Main Road

Geological Contact

Inferred Geological Contact

Fault- Inferred

Outcrop Location, Lith Type

Subcrop Location, Lith Type

Light Road

Cliffs

Contours

Wetland

Lakes

Cutblocks

Adjacent Mineral Claims

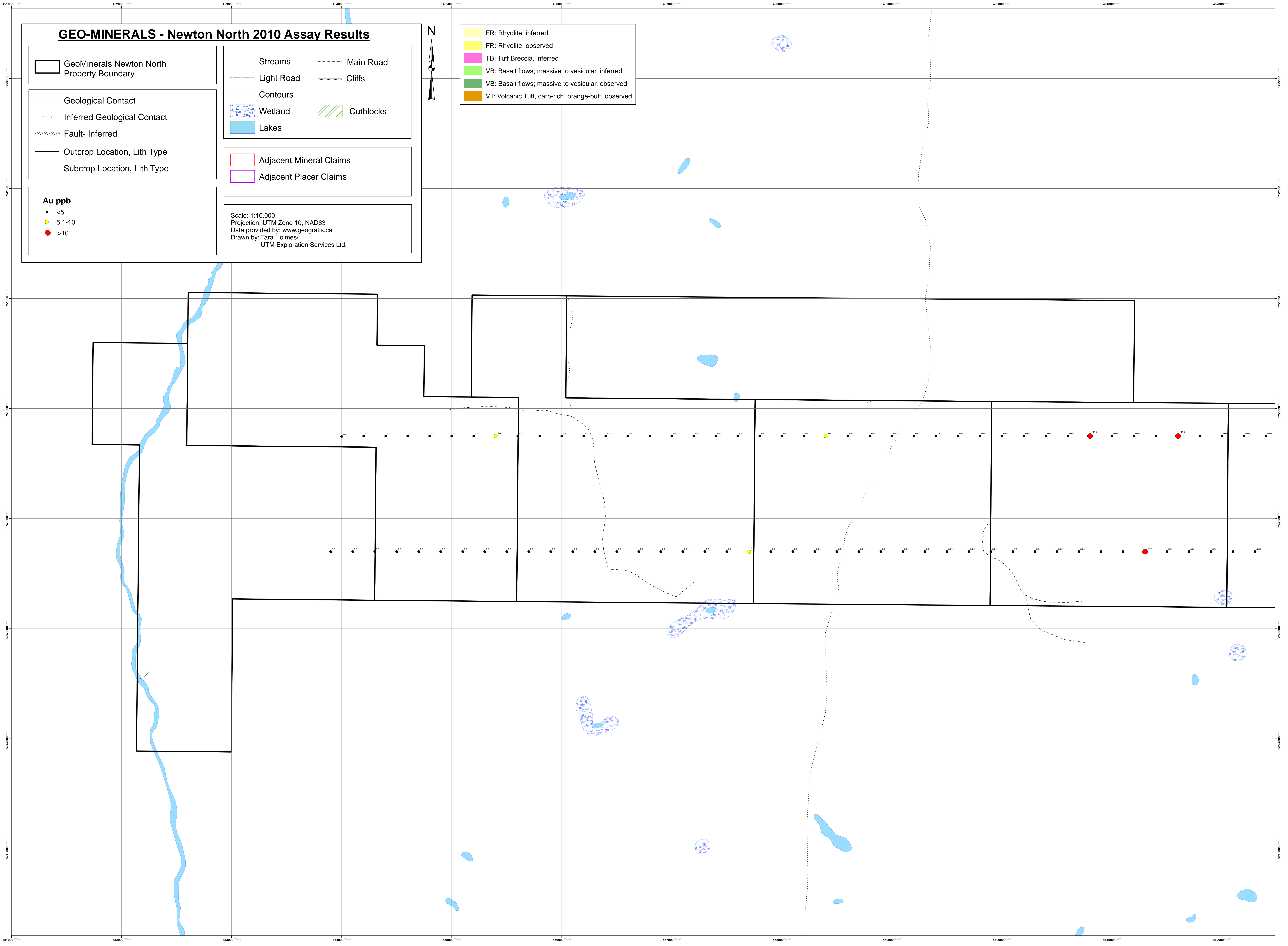
Adjacent Placer Claims

Au ppb

- <5
- 5.1-10
- >10

Scale: 1:10,000
 Projection: UTM Zone 10, NAD83
 Data provided by: www.geogratia.ca
 Drawn by: Tara Holmes/
 UTM Exploration Services Ltd.

- FR: Rhyolite, inferred
- FR: Rhyolite, observed
- TB: Tuff Breccia, inferred
- VB: Basalt flows; massive to vesicular, inferred
- VB: Basalt flows; massive to vesicular, observed
- VT: Volcanic Tuff, carb-rich, orange-buff, observed



GEO-MINERALS - Newton North 2010 Assay Results

GeoMinerals Newton North Property Boundary

Geological Contact
 Inferred Geological Contact
 Fault- Inferred
 Outcrop Location, Lith Type
 Subcrop Location, Lith Type

Au ppb

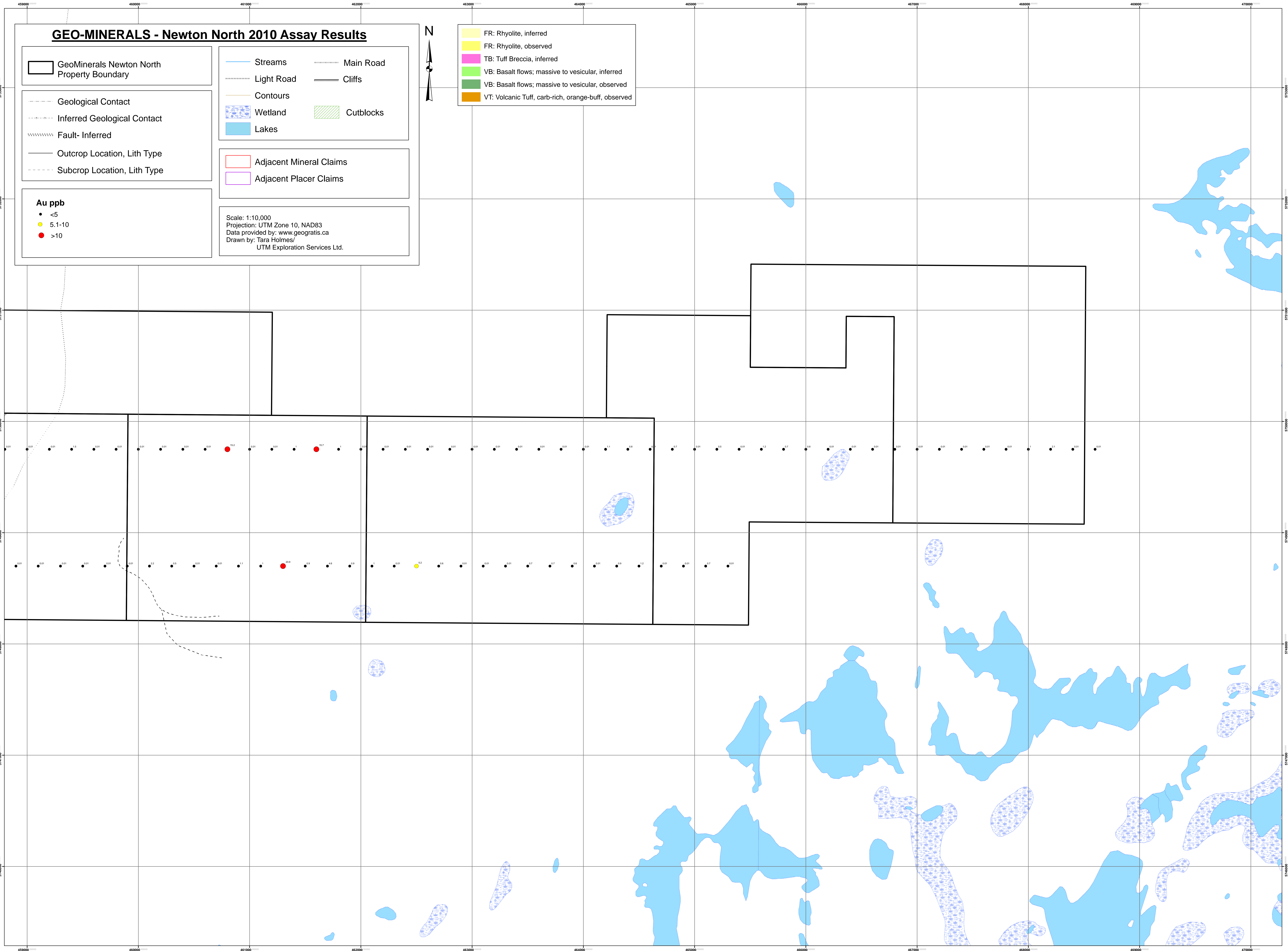
- <5
- 5.1-10
- >10

Streams
 Light Road
 Contours
 Wetland
 Lakes
 Main Road
 Cliffs
 Cutblocks

Adjacent Mineral Claims
 Adjacent Placer Claims

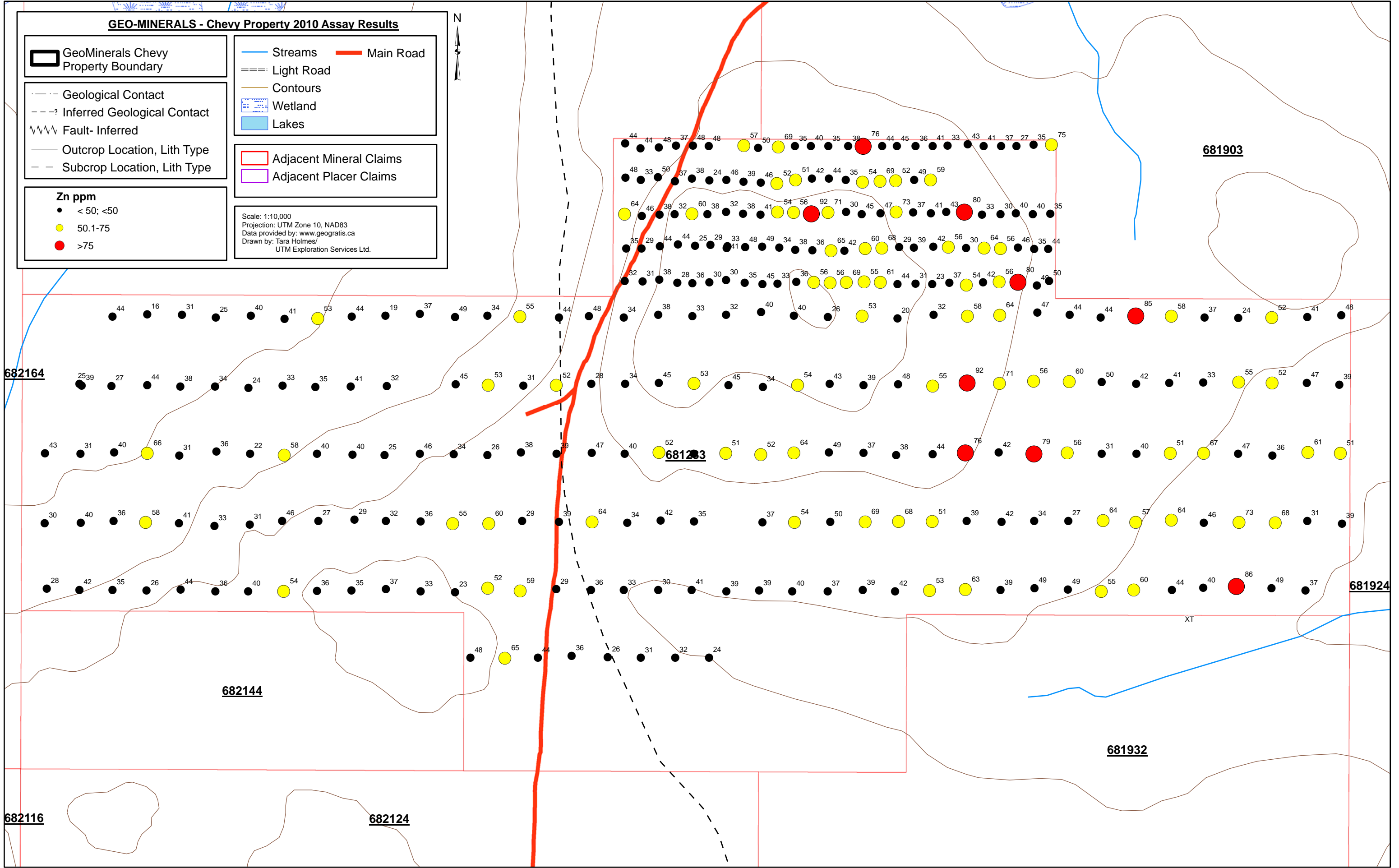
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 Projection: UTM Zone 10, NAD83
 Data provided by: www.geogratias.ca
 Drawn by: Tara Holmes/
 UTM Exploration Services Ltd.

- FR: Rhyolite, inferred
- FR: Rhyolite, observed
- TB: Tuff Breccia, inferred
- VB: Basalt flows; massive to vesicular, inferred
- VB: Basalt flows; massive to vesicular, observed
- VT: Volcanic Tuff, carb-rich, orange-buff, observed



GEO-MINERALS - Chevy Property 2010 Assay Results

GeoMinerals Chevy Property Boundary	Streams	Main Road
Geological Contact	Light Road	Contours
Inferred Geological Contact	Wetland	Lakes
Fault-Inferred	Adjacent Mineral Claims	Adjacent Placer Claims
Outcrop Location, Lith Type	Scale: 1:10,000 Projection: UTM Zone 10, NAD83 Data provided by: www.geogratia.ca Drawn by: Tara Holmes/ UTM Exploration Services Ltd.	
Zn ppm • < 50; <50 ● 50.1-75 ● >75		

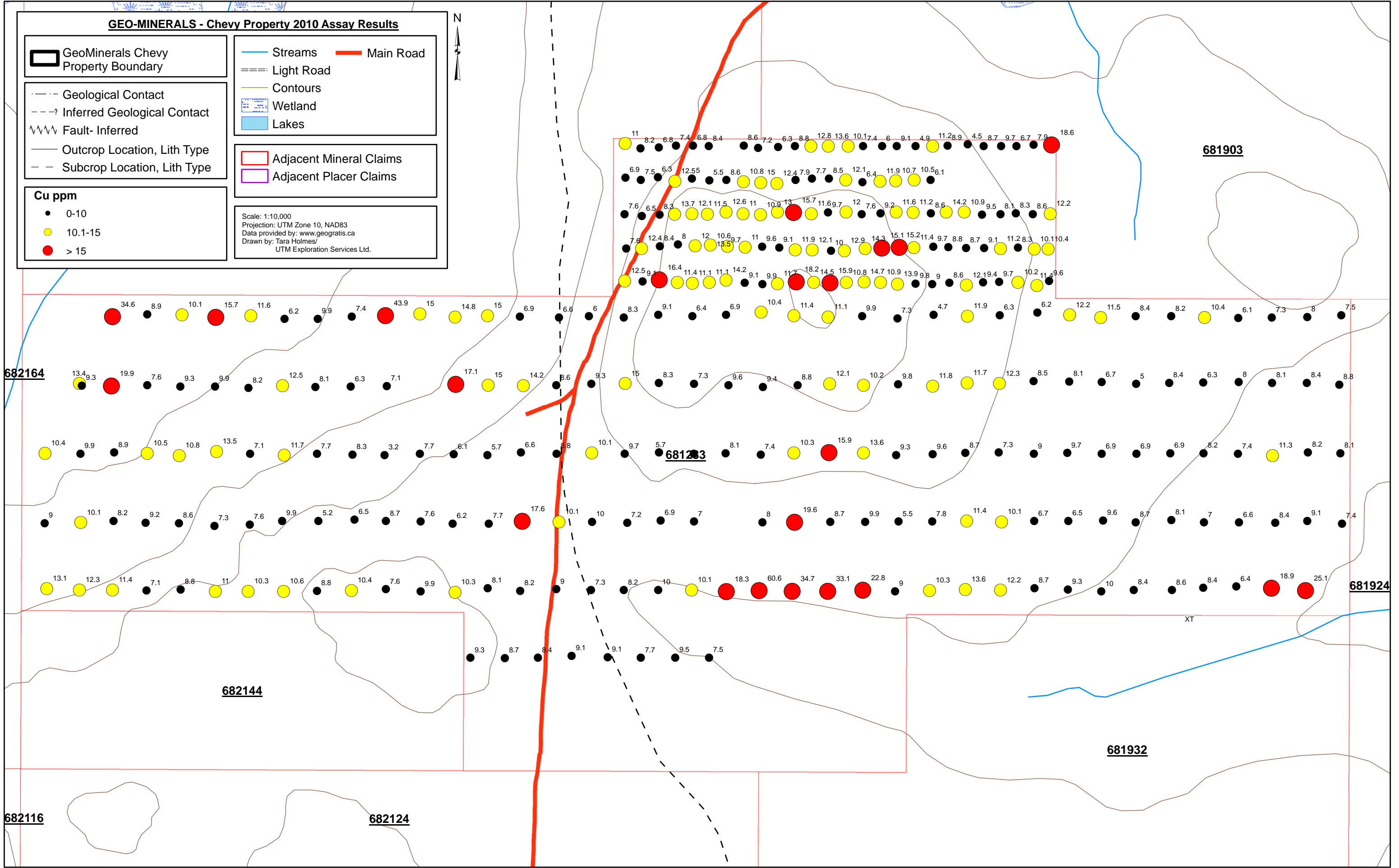


GEO-MINERALS - Chevy Property 2010 Assay Results

GeoMinerals Chevy Property Boundary	Streams	Main Road
Geological Contact	Light Road	Contours
Inferred Geological Contact	Wetland	Lakes
Fault-Inferred	Adjacent Mineral Claims	Adjacent Placer Claims
Outcrop Location, Lith Type	Scale: 1:10,000 Projection: UTM Zone 10, NAD83 Data provided by: www.geogratia.ca Drawn by: Tara Holmes/ UTM Exploration Services Ltd.	
Subcrop Location, Lith Type		

Cu ppm

- 0-10
- 10.1-15
- > 15



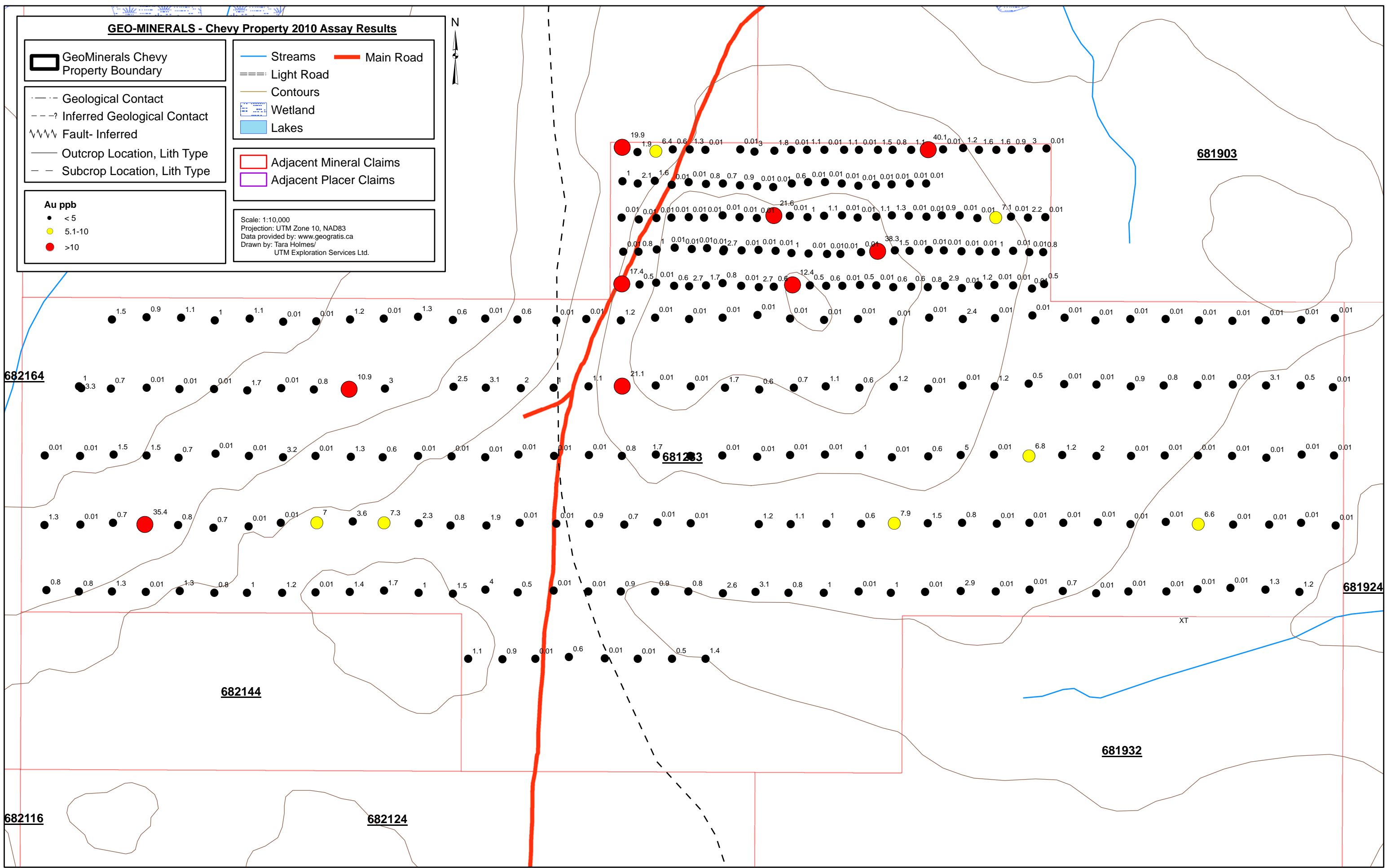
GEO-MINERALS - Chevy Property 2010 Assay Results



GeoMinerals Chevy Property Boundary	Streams	Main Road
Geological Contact	Light Road	
Inferred Geological Contact	Contours	
Fault- Inferred	Wetland	
Outcrop Location, Lith Type	Lakes	
Subcrop Location, Lith Type	Adjacent Mineral Claims	
	Adjacent Placer Claims	

Au ppb
< 5
5.1-10
>10

Scale: 1:10,000
 Projection: UTM Zone 10, NAD83
 Data provided by: www.geogratings.ca
 Drawn by: Tara Holmes/
 UTM Exploration Services Ltd.



APPENDIX II: SOIL GEOCHEMISTRY SAMPLE DATA

Date	Project	Property Name	Sample #	Station #	Horizon	Colour	Pebbles%	Sand%	Silt%	Clay%	Total%	Easting	Northing	Outcrop (Y/N)	Comments
01-Nov-10	GEO-MINERALS	Chevy	131551	1+700	B	lt brown	0	50	50	0	100	479602	5719807	N	Rooty; few rocks
01-Nov-10	GEO-MINERALS	Chevy	131552	1+750	B	lt brown	0	50	50	0	100	479647	5719793	N	Rooty; Dry soil
01-Nov-10	GEO-MINERALS	Chevy	131553	1+800	B	gy brown	0	10	90	0	100	479701	5719795	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131554	1+850	B	gy brown	10	40	50	0	100	479751	5719801	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131555	1+900	B	lt brown	10	50	40	0	100	479801	5719801	N	Few Rocks; Dry soil
01-Nov-10	GEO-MINERALS	Chevy	131556	1+950	B	gy brown	0	10	90	0	100	479847	5719799	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131557	2+000	B	lt brown	0	10	90	0	100	479900	5719501	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131558	2+050	B	gy brown	0	30	70	0	100	479950	5719801	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131559	2+100	B	lt brown	0	20	80	0	100	479992	5719794	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131560	2+150	B	lt brown	0	10	90	0	100	480051	5719797	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131561	2+200	B	gy brown	0	0	80	20	100	480100	5719799	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131562	2+250	B	gy brown	0	50	50	0	100	480147	5719800	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131563	2+300	B	grey	0	50	50	0	100	480198	5719799	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131564	2+350	B	gy brown	0	20	80	0	100	480256	5719799	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131565	2+400	B	lt brown	0	10	90	0	100	480300	5719799	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131566	2+450	B	gy brown	0	20	80	0	100	480356	5719799	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131567	2+500	B	grey	0	10	90	0	100	480399	5719799	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131568	2+550	B	lt brown	0	10	90	0	100	480454	5719799	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131569	2+600	B	gy brown	0	10	90	0	100	480504	5719800	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131570	2+650	B	gy brown	0	20	80	0	100	480548	5719801	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131571	2+700	B	lt brown	0	10	90	0	100	480607	5719805	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131572	2+750	B	grey	0	10	90	0	100	480654	5719800	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131573	2+800	B	gy brown	0	30	70	0	100	480705	5719800	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131574	2+850	B	gy brown	0	10	90	0	100	480750	5719800	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131575	2+900	B	gy brown	0	10	90	0	100	480800	5719803	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131576	2+950	B	dr brown	0	10	90	0	100	480853	5719803	N	Dry soil; mossy
01-Nov-10	GEO-MINERALS	Chevy	131577	1+700	B	brown	0	25	75	0	100	479603	5719707	N	Dry soil; mossy; 6" deep
01-Nov-10	GEO-MINERALS	Chevy	131578	1+750	B	brown	0	20	80	0	100	479648	5719701	N	Dry soil; mossy; 7" deep
01-Nov-10	GEO-MINERALS	Chevy	131579	1+800	B	lt brown	0	25	75	0	100	479698	5719709	N	Dry soil; 6" deep
01-Nov-10	GEO-MINERALS	Chevy	131580	1+850	B	lt brown	0	30	70	0	100	479748	5719697	N	Dry soil; 6" deep
01-Nov-10	GEO-MINERALS	Chevy	131581	1+900	B	brown	0	20	80	0	100	479798	5719705	N	Dry soil; 6" deep
01-Nov-10	GEO-MINERALS	Chevy	131582	1+950	B	lt brown	0	30	40	30	100	479849	5719699	N	Moist soil; mossy; 9" deep
01-Nov-10	GEO-MINERALS	Chevy	131583	2+000	B	lt brown	0	20	80	0	100	479899	5719700	N	Dry soil; mossy; 7" deep
01-Nov-10	GEO-MINERALS	Chevy	131584	2+050	B	lt brown	0	30	70	0	100	479949	5719695	N	Dry soil; mossy; 6" deep
01-Nov-10	GEO-MINERALS	Chevy	131585	2+100	B	lt brown	0	30	70	0	100	480000	5719692	N	Dry soil; mossy; 6" deep
01-Nov-10	GEO-MINERALS	Chevy	131586	2+150	B	lt brown	0	30	70	0	100	480047	5719690	N	Dry soil; mossy; 7" deep
01-Nov-10	GEO-MINERALS	Chevy	131587	2+200	B	lt brown	0	20	80	0	100	480102	5719700	N	Dry soil; mossy; 7" deep
01-Nov-10	GEO-MINERALS	Chevy	131588	2+250	B	grey	0	20	80	0	100	480150	5719704	N	Dry soil; mossy; 8" deep
01-Nov-10	GEO-MINERALS	Chevy	131589	2+300	B	lt brown	0	30	70	0	100	480200	5719705	N	Dry soil; mossy; 7" deep
01-Nov-10	GEO-MINERALS	Chevy	131590	2+350	B	grey	0	30	70	0	100	480249	5719700	N	Dry soil; mossy; 7" deep
01-Nov-10	GEO-MINERALS	Chevy	131591	2+400	B	brown	0	20	80	0	100	480298	5719694	N	Dry soil; mossy; 6" deep
01-Nov-10	GEO-MINERALS	Chevy	131592	2+450	B	gy brown	0	30	70	0	100	480350	5719697	N	Dry soil; mossy; 7" deep
01-Nov-10	GEO-MINERALS	Chevy	131593	2+500	B	gy brown	0	25	75	0	100	480396	5719698	N	Dry soil; few rocks; 6" deep
01-Nov-10	GEO-MINERALS	Chevy	131594	2+550	B	gy brown	0	40	60	0	100	480450	5719701	N	Dry Soil; mossy; 7" deep
01-Nov-10	GEO-MINERALS	Chevy	131595	2+600	B	lt brown	0	20	80	0	100	480498	5719700	N	Dry soil; mossy; 8" deep
01-Nov-10	GEO-MINERALS	Chevy	131603	1+700	B	lt brown	0	20	80	0	100	479600	5719600	N	no rock; fine dry soil
01-Nov-10	GEO-MINERALS	Chevy	131604	1+750	B	gy brown	0	20	80	0	100	479651	5719594	N	Dry soil; no rocks; 6" deep
02-Nov-10	GEO-MINERALS	Chevy	131605	1+800	B	lt brown	0	20	80	0	100	479703	5719599	N	Dry soil; few rocks; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131606	1+850	B	lt brown	0	20	80	0	100	479747	5719600	N	Dry soil; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131607	1+900	B	dr brown	0	20	60	20	100	479798	5719601	N	Dry soil; rocky
02-Nov-10	GEO-MINERALS	Chevy	131608	1+950	B	brown	0	20	60	20	100	479843	5719600	N	Dry soil; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131609	2+000	B	dr brown	0	20	50	30	100	479898	5719607	N	Moist soil; clumpy; 6" deep
02-Nov-10	GEO-MINERALS	Chevy	131610	2+050	B	dr brown	0	20	50	30	100	479948	5719601	N	moist soil; few rocks; 7" deep
02-Nov-10	GEO-MINERALS	Chevy	131611	2+100	B	brown	0	40	40	20	100	479999	5719598	N	Dry soil; 7" deep
02-Nov-10	GEO-MINERALS	Chevy	131612	2+150	B	gy brown	0	25	75	0	100	480049	5719606	N	Dry soil; 7" deep
02-Nov-10	GEO-MINERALS	Chevy	131613	2+200	B	lt brown	0	40	60	0	100	480096	5719605	N	Dry soil; few rocks; 8' deep
02-Nov-10	GEO-MINERALS	Chevy	131614	2+250	B	lt brown	0	40	45	15	100	480148	5719601	N	Dry soil; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131615	2+300	B	lt brown	0	20	70	10	100	480197	5719605	N	Dry soil; 8" deep

02-Nov-10	GEO-MINERALS	Chevy	131616	2+350	B	lt brown	0	30	60	10	100	480250	5719606	N	Dry soil; few rocks; 9" deep
02-Nov-10	GEO-MINERALS	Chevy	131617	2+400	B	gy brown	0	20	80	0	100	480296	5719600	N	Dry soil; few rocks; 9" deep
02-Nov-10	GEO-MINERALS	Chevy	131618	2+450	B	lt brown	0	20	70	10	100	480351	5719603	N	Dry soil; rocky; 9" deep
02-Nov-10	GEO-MINERALS	Chevy	131619	2+500	B	lt brown	0	40	60	0	100	480397	5719606	N	Dry soil; rocky; 8" deep
02-Nov-10	GEO-MINERALS	Chevy	131620	2+550	B	lt brown	0	30	70	0	100	480447	5719605	N	Dry soil; rocky; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131621	2+600	B	gy brown	0	30	70	0	100	480499	5719603	N	Dry soil; rocky
02-Nov-10	GEO-MINERALS	Chevy	131622	2+650	B	lt brown	0	30	70	0	100	480544	5719606	N	Dry soil; rocky; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131623	2+700	B	gy brown	0	50	50	0	100	480597	5719606	N	Dry soil; rocky; clumpy; 9" deep
02-Nov-10	GEO-MINERALS	Chevy	131624	2+750	B	gy brown	0	20	80	0	100	480649	5719599	N	Dry soil; rocky; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131625	2+800	B	gy brown	0	20	80	0	100	480703	5719600	N	Dry soil; rocky; 9" deep
02-Nov-10	GEO-MINERALS	Chevy	131626	2+850	B	gy brown	0	20	80	0	100	480748	5719603	N	Dry soil; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131627	2+900	B	gy brown	0	20	80	0	100	480798	5719600	N	Dry soil; rocky; 9" deep
02-Nov-10	GEO-MINERALS	Chevy	131628	2+950	B	gy brown	0	30	70	0	100	480849	5719601	N	Dry soil; 9" deep
02-Nov-10	GEO-MINERALS	Chevy	131629	1+700	B	gy brown	0	20	80	0	100	479605	5719499	N	Dry soil; few rocks; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131630	1+750	B	gy brown	0	20	60	20	100	479650	5719500	N	Dry soil; few rocks; 12" deep
02-Nov-10	GEO-MINERALS	Chevy	131631	1+800	B	gy brown	0	20	80	0	100	479704	5719506	N	Dry soil; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131632	1+850	B	gy brown	0	30	70	0	100	479757	5719512	N	Dry soil; rocks; 12" deep
02-Nov-10	GEO-MINERALS	Chevy	131633	1+900	B	gy brown	0	50	50	0	100	479807	5719507	N	Dry soil; rocks; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131634	1+950	B	gy brown	0	30	70	0	100	479852	5719510	N	Dry soil; rocks; 12" deep
02-Nov-10	GEO-MINERALS	Chevy	131635	2+000	B	gy brown	0	30	70	0	100	479902	5719506	N	Dry soil; 10" deep
02-Nov-10	GEO-MINERALS	Chevy	131636	2+050	B	brown	0	20	60	20	100	479954	5719503	N	Moist soil; rocks; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131637	2+100	B	brown	0	10	80	10	100	480004	5719505	N	Dry soil; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131638	2+150	B	gy brown	0	15	65	20	100	480054	5719502	N	Dry soil; rocks; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131639	2+200	B	gy brown	0	50	50	0	100	480101	5719496	N	Dry soil; rocky; rooty; 10" deep
02-Nov-10	GEO-MINERALS	Chevy	131640	2+250	B	gy brown	0	50	50	0	100	480151	5719495	N	Dry soil; rocks; 10" deep
02-Nov-10	GEO-MINERALS	Chevy	131641	2+300	B	brown	0	20	70	10	100	480206	5719493	N	Moist soil; 10" deep
02-Nov-10	GEO-MINERALS	Chevy	131642	2+350	B	brown	0	25	50	25	100	480245	5719493	N	Moist soil; rocks; 12" deep
02-Nov-10	GEO-MINERALS	Chevy	131643	2+400	B	dr brown	0	25	50	25	100	480306	5719499	N	Moist soil; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131644	2+450	B	dr brown	0	30	60	10	100	480355	5719501	N	Moist soil; rocks; 10" deep
02-Nov-10	GEO-MINERALS	Chevy	131645	2+500	B	gy brown	0	40	60	0	100	480406	5719503	N	Dry soil; rocks; 10" deep
02-Nov-10	GEO-MINERALS	Chevy	131646	2+550	B	gy brown	0	40	60	0	100	480449	5719502	N	Dry soil; few rocks 10" deep
02-Nov-10	GEO-MINERALS	Chevy	131647	2+600	B	gy brown	0	30	60	10	100	480506	5719505	N	Moist soil; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131648	2+650	B	lt brown	0	40	60	0	100	480550	5719504	N	Dry soil; 10" deep
02-Nov-10	GEO-MINERALS	Chevy	131649	2+700	B	gy brown	0	50	50	0	100	480602	5719501	N	Dry soil; rocks; 10" deep
02-Nov-10	GEO-MINERALS	Chevy	131650	2+750	B	gy brown	0	50	50	0	100	480655	5719501	N	Dry soil; 9" deep
02-Nov-10	GEO-MINERALS	Chevy	131651	2+800	B	lt brown	0	30	70	0	100	480703	5719499	N	Dry soil; rocks; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131652	2+850	B	lt brown	0	30	70	0	100	480754	5719502	N	Dry soil; 9" deep
02-Nov-10	GEO-MINERALS	Chevy	131653	2+900	B	gy brown	0	20	80	0	100	480802	5719498	N	Dry soil; rocks; 9" deep
02-Nov-10	GEO-MINERALS	Chevy	131654	2+950	B	lt brown	0	20	80	0	100	480843	5719498	N	Dry soil; rocks; 10" deep
02-Nov-10	GEO-MINERALS	Chevy	131655	1+700	B	gy brown	0	30	70	0	100	479601	5719405	N	Dry soil; rocks; 12" deep
02-Nov-10	GEO-MINERALS	Chevy	131656	1+750	B	brown	0	20	60	20	100	479653	5719403	N	Dry soil; 10" deep
02-Nov-10	GEO-MINERALS	Chevy	131657	1+800	B	brown	0	20	50	30	100	479702	5719408	N	Most soil; 12' deep
02-Nov-10	GEO-MINERALS	Chevy	131658	1+850	B	brown	0	30	40	30	100	479755	5719400	N	Moist soil; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131659	1+900	B	gy brown	0	20	60	20	100	479799	5719398	N	Moist soil; rocks; 12" deep
02-Nov-10	GEO-MINERALS	Chevy	131660	1+950	B	brown	0	10	70	20	100	479849	5719401	N	Moist soil; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131661	2+000	B	grey	0	40	60	0	100	479898	5719407	N	Dry soil; rocks; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131662	2+050	B	gy brown	0	10	75	15	100	479953	5719399	N	Dry soil; rocks; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131663	2+100	B	gy brown	0	30	70	0	100	480005	5719396	N	Dry soil; rocks; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131664	2+150	B	gy brown	0	20	70	10	100	480049	5719397	N	Dry soil; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131665	2+200	B	gy brown	0	20	55	25	100	480104	5719402	N	Moist soil; few rocks; 12" deep
02-Nov-10	GEO-MINERALS	Chevy	131666	2+250	B	brown	0	20	80	0	100	480155	5719401	N	Dry soil; few rocks; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131667	2+300	B	brown	0	20	60	20	100	480203	5719399	N	Moist soil; 12" deep
02-Nov-10	GEO-MINERALS	Chevy	131668	2+350	B	brown	0	20	60	20	100	480251	5719400	N	Moist soil; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131669	2+400	B	brown	0	20	60	20	100	480303	5719402	N	Dry soil; 12" deep
02-Nov-10	GEO-MINERALS	Chevy	131670	2+450	B	brown	0	10	70	20	100	480351	5719401	N	Moist soil; few rocks; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131671	2+500	B	brown	0	20	60	20	100	480401	5719396	N	Moist soil; 12" deep
02-Nov-10	GEO-MINERALS	Chevy	131672	2+550	B	gy brown	0	10	70	20	100	480454	5719397	N	Moist soil; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131673	2+600	B	brown	0	20	60	20	100	480503	5719395	N	Moist soil; few rocks; 12" deep
02-Nov-10	GEO-MINERALS	Chevy	131674	2+650	B	gy brown	0	10	80	10	100	480553	5719399	N	Moist soil; 11" deep

02-Nov-10	GEO-MINERALS	Chevy	131675	2+700	B	brown	0	30	60	10	100	480603	5719392	N	Dry soil; rocky; 12" deep
02-Nov-10	GEO-MINERALS	Chevy	131676	2+750	B	gy brown	0	30	60	10	100	480652	5719401	N	Moist soil; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131677	2+800	B	gy brown	0	30	70	0	100	480699	5719402	N	Dry soil; rocks; 12" deep
02-Nov-10	GEO-MINERALS	Chevy	131678	2+850	B	gy brown	0	40	50	10	100	480754	5719401	N	Dry soil; 11" deep
02-Nov-10	GEO-MINERALS	Chevy	131679	2+900	B	gy brown	0	30	70	0	100	480810	5719391	N	Dry soil; few rocks; 12" deep
02-Nov-10	GEO-MINERALS	Chevy	131680	2+950	B	gy brown	0	30	60	10	100	480846	5719405	N	Dry soil; 12" deep
09-Nov-10	GEO-MINERALS	Chevy	131681	0+000	B	brown	0				0	477900	5719300	N	Pete moss; Edge of swamp; tree area; 14" deep
10-Nov-10	GEO-MINERALS	Chevy	131682	0+000	B	gy brown	0		*	*	0	477900	5718900	N	not many rocks; dry soil; fine; rooty; 20cm deep
10-Nov-10	GEO-MINERALS	Chevy	131684	0+100	B	brown	0		*	*	0	478004	5718899	N	clumpy; moist; not many rocks; 30cm deep
09-Nov-10	GEO-MINERALS	Chevy	131685	0+200	B	gy brown	0				100	478098	5719300	N	Lots of moss; tree area; 12" deep
10-Nov-10	GEO-MINERALS	Chevy	131686	0+200	B	gy brown	0		*	*	0	478103	5718902	N	moist; no rocks; little veg; 15cm deep
09-Nov-10	GEO-MINERALS	Chevy	131687	0+300	B	lt brown	0		50	50	100	478200	5719307	N	Mossy; tree area; 12" deep
10-Nov-10	GEO-MINERALS	Chevy	131688	0+300	B	brown	0		*		0	478200	5718900	N	fine; not many rocks; dry; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131689	0+400	B	dr brown	0	10	10	80	100	478302	5719306	N	Mossy; tree area; wet soil; 12" deep
10-Nov-10	GEO-MINERALS	Chevy	131690	0+400	B	brown	0		*	*	0	478294	5718893	N	moist; no rocks; fine soil; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131691	0+500	B	dr brown	0		60	40	100	478401	5719298	N	Mossy; tree area; wet soil; 14" deep
10-Nov-10	GEO-MINERALS	Chevy	131692	0+500	B	brown	0		*	*	0	478403	5718905	N	rooty; little veg; tree cover; moist; 30cm deep
09-Nov-10	GEO-MINERALS	Chevy	131693	0+600	B	lt brown	0	20	80		100	478504	5719303	N	Mossy; dry soil; 8" deep
10-Nov-10	GEO-MINERALS	Chevy	131694	0+600	B	brown	0		*	*	0	478502	5718899	N	dry soil; not many rocks; rooty; 20degree slope; 30cm deep
09-Nov-10	GEO-MINERALS	Chevy	131695	0+700	B	gy brown	0	30	70		100	478603	5719293	N	Mossy; dry soil; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131696	0+700	B	brown	0		*	*	0	478602	5718894	N	moist; fine soil; lots of deadfall 15 degree slope; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131697	0+800	B	dr brown	0		70	30	100	478700	5719294	N	Mossy; tree area; dry soil; 9" deep
10-Nov-10	GEO-MINERALS	Chevy	131698	0+800	B	grey	0	*	*		0	478698	5718898	N	rooty; not many rocks; dry soil; 15 degree slope 30cm deep
09-Nov-10	GEO-MINERALS	Chevy	131699	0+900	B	lt brown	0		30	70	100	478800	5719300	N	Moist soil; cutblock; 6" deep
10-Nov-10	GEO-MINERALS	Chevy	131700	0+900	B	brown	0		*		0	478802	5718896	N	15degree slope west; lots of deadfall; rooty; not many rocks
10-Nov-10	GEO-MINERALS	Chevy	131701	1+000	B	gy brown	0	*	*		0	478896	5718895	N	cutblock; rooty; lots of rocks; 30cm deep
10-Nov-10	GEO-MINERALS	Chevy	131702	1+100	B	grey	0	30	70		100	479000	5718898	N	dry; fine soil; edge of cutblock; little veg; 15cm deep
09-Nov-10	GEO-MINERALS	Chevy	131703	1+000	B	brown	0		60	40	100	478899	5719303	N	Cutblock; 9" deep
10-Nov-10	GEO-MINERALS	Chevy	131704	1+200	B	grey	0	30	70		100	479099	5718897	N	dry soil; fine; little veg; rooty; 15cm deep
09-Nov-10	GEO-MINERALS	Chevy	131705	1+100	B	dr brown	0	10	70	20	100	479000	5719308	N	Cutblock; 9" deep
10-Nov-10	GEO-MINERALS	Chevy	131706	1+300	B	grey	0	30	70		100	479198	5718895	N	deadfall; little veg; rocky; dry
09-Nov-10	GEO-MINERALS	Chevy	131707	1+200	B	brown	0		10	90	100	479103	5719299	N	Cutblock; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131708	1+400	B	grey	0	*	*		0	479296	5718902	N	lots of deadfall; moist; few rocks; little veg; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131709	1+300	B	brown	0	10	10	80	100	479198	5719303	N	Cutblock; moist soil; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131710	1+500	B	grey	0	30	70		100	479401	5718899	N	few rocks; roadside; little veg; not much tree cover; dry; 15cm deep
09-Nov-10	GEO-MINERALS	Chevy	131711	1+400	B	gy brown	0	30	60	10	100	479293	5719300	N	Edge of cutblock; by road; dry soil; 2 feet deep
10-Nov-10	GEO-MINERALS	Chevy	131712	1+600	B	grey	0	30	70		100	479504	5718901	N	few sm rocks; 15degree slope west; fine; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131713	1+500	B	brown	0	20	60	20	100	479408	5719298	N	Mossy; tree area; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131714	1+700	B	grey	0	*	*		0	479601	5718898	N	dry; few rocks; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131715	1+700	B	gy brown	0	10	90		100	479598	5719298	N	West facing slope; tree area; dry soil; 6" deep
10-Nov-10	GEO-MINERALS	Chevy	131716	1+800	B	gy brown	0	30	70		100	479701	5718902	N	Lots of roots; deadfall; 15degree slope west; dry; fine soil
09-Nov-10	GEO-MINERALS	Chevy	131717	1+800	B	gy brown	0	10	90		100	479699	5719306	N	West facing slope; dry soil; 6" deep
10-Nov-10	GEO-MINERALS	Chevy	131718	2+000	B	grey	0	30	70		100	479897	5718900	N	dry soil; Fine; lots of deadfall; not many rocks; 15cm deep
09-Nov-10	GEO-MINERALS	Chevy	131719	1+900	B	lt brown	0		80		100	479799	5719302	N	Top of west facing slope; dry soil; 6" deep
10-Nov-10	GEO-MINERALS	Chevy	131720	2+100	B	gy brown	0	30	70		100	480000	5718896	N	few rocks; moist; rooty; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131721	2+000	B	grey	0	20	80		100	479898	5719306	N	Few Rocks; Dry soil; Fine; mossy; 20 cm deep
10-Nov-10	GEO-MINERALS	Chevy	131722	2+200	B	grey	0	30	70		100	480097	5718901	N	dry soil; fine; little veg; no rocks; 10cm deep
09-Nov-10	GEO-MINERALS	Chevy	131723	2+100	B	gy brown	0		60	40	100	480001	5719313	N	Moist; few rocks; tree cover; 25 cm deep
10-Nov-10	GEO-MINERALS	Chevy	131724	2+300	B	grey	0	30	70		100	480200	5718902	N	dry soil; fine; rooty; little veg; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131725	2+200	B	gy brown	0	30	70		100	480097	5719303	N	Fine soil; moist; tree cover; few big rocks; 20 cm deep
10-Nov-10	GEO-MINERALS	Chevy	131726	2+400	B	grey	0	30	70		100	480301	5718901	N	dry soil; tree cover; lots of deadfall; 15degree slope west; 25cm deep
09-Nov-10	GEO-MINERALS	Chevy	131727	2+300	B	gy brown	0	30	70		100	480197	5719299	N	Dry soil; no rocks; tree cover; dead fall 15 cm deep
10-Nov-10	GEO-MINERALS	Chevy	131728	2+500	B	gy brown	0	30	70		100	480397	5718895	N	dry; fine soil; lots of deadfall; tree cover; 30cm deep
09-Nov-10	GEO-MINERALS	Chevy	131729	2+400	B	brown	0	30	70		100	480297	5719302	N	Dry soil; small hill; lots of dead fall; 20degree slope west
10-Nov-10	GEO-MINERALS	Chevy	131730	2+600	B	brown	0	20	70	10	100	480504	5718897	N	dry; no rocks; little veg; 15cm deep
09-Nov-10	GEO-MINERALS	Chevy	131731	2+500	B	grey	0	20	60	20	100	480401	5719295	N	dry soil; flat ground; few rocks
10-Nov-10	GEO-MINERALS	Chevy	131732	2+700	B	lt brown	0	30	70		100	480600	5718901	N	dry soil; very fine; little veg; rocky; 15cm deep

09-Nov-10	GEO-MINERALS	Chevy	131733	2+600	B	brown	0		60	40	100	480507	5719306	N	moist; hardly any rocks; tree cover; deadfall; 25cm deep
10-Nov-10	GEO-MINERALS	Chevy	131734	2+800	B	gy brown	0	30	70		100	480698	5718902	N	Dry soil; fine; few rocks; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131735	2+700	B	brown	0		70	30	100	480606	5719301	N	crumbly; rooty; lots of rocks; moist; flat ground; 20cm deep
10-Nov-10	GEO-MINERALS	Chevy	131736	2+900	B	brown	0	30	70		100	480801	5718898	N	dry soil; no rocks; fine; rooty
09-Nov-10	GEO-MINERALS	Chevy	131737	2+800	B	brown	0	10	70	20	100	480701	5719304	N	dry; hardly any rocks; tree cover; 20cm deep
10-Nov-10	GEO-MINERALS	Chevy	131738	3+000	B	grey	0	30	70		100	480899	5718901	N	dry soil; regen; little veg; fine; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131739	2+900	B	gy brown	0	10	70	20	100	480811	5719312	N	no rocks; 10 degree slope west; moist; 20cm deep
10-Nov-10	GEO-MINERALS	Chevy	131740	3+100	B	grey	0	20	80		100	481000	5718898	N	regen; dry; finesoil; little veg; rocky; 15cm deep
09-Nov-10	GEO-MINERALS	Chevy	131741	3+000	B	brown	0	10	70	20	100	480906	5719305	N	moist; few small rocks; deadfall; 20cm deep
10-Nov-10	GEO-MINERALS	Chevy	131742	3+200	B	gy brown	0	20	80		100	481102	5718898	N	regen; little veg; dry soil; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131743	3+100	B	grey	0	10	90		100	480997	5719298	N	regen; dry soil; fine; few sm pebbles; 20cm deep
10-Nov-10	GEO-MINERALS	Chevy	131744	3+300	B	lt brown	0	30	70		100	481201	5718900	N	regen; little veg; dry fine soil; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131745	3+200	B	lt brown	0	30	70		100	481100	5719302	N	regen; dry soil; flat ground; few pebs; 20cm deep
10-Nov-10	GEO-MINERALS	Chevy	131746	3+400	B	gy brown	0	30	70		100	481299	5718900	N	regen; little veg; dry soil; fine; rooty
09-Nov-10	GEO-MINERALS	Chevy	131747	3+300	B	lt brown	0	20	80		100	481204	5719301	N	very dry soil; fine; sm pebs; regen
10-Nov-10	GEO-MINERALS	Chevy	131748	3+500	B	brown	0		70	30	100	481400	5718898	N	moist; beside regen; fine soil; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131749	3+400	B	lt brown	0	20	80		100	481302	5719298	N	dry soil; few sm pebs; regen; flat ground; 20cm deep
10-Nov-10	GEO-MINERALS	Chevy	131750	3+600	B	brown	0				0	481501	5718893	N	deadfall; rooty; dry fine soil; tree cover; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131751	3+500	B	grey	0	10	90		100	481401	5719296	N	rocky; dry soil; regen; 20cm deep
10-Nov-10	GEO-MINERALS	Chevy	131752	3+700	B	brown	0				0	481605	5718903	N	deadfall; fine; dry soil; rooty; 15cm deep
09-Nov-10	GEO-MINERALS	Chevy	131753	3+600	B	lt brown	0	30	70		100	481499	5719297	N	Dry; few rocks; regen; sm A horizon; 15cm deep
10-Nov-10	GEO-MINERALS	Chevy	131754	3+800	B	brown	0		*	*	0	481700	5718900	N	rocky; moist; not many rocks; rooty; 30cm deep
09-Nov-10	GEO-MINERALS	Chevy	131755	3+700	B	brown	0	20	60	20	100	481603	5719299	N	moist; fine; no rocks; tree cover; 30cm deep
09-Nov-10	GEO-MINERALS	Chevy	131757	3+800	B	gy brown	0	40	60		100	481703	5719304	N	moist; few sm pebs; tree cover; 20cm deep
10-Nov-10	GEO-MINERALS	Chevy	131774	1+950	B	brown		20	80		100	479848	5718302	N	cut block; regen; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131775	1+850	B	gy brown		10	80	10	100	479749	5718302	N	cut block; regen; 12" deep
10-Nov-10	GEO-MINERALS	Chevy	131776	1+750	B	gy brown		10	80	10	100	479648	5718301	N	cut block; regen; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131777	1+650	B	gy brown		10	80	10	100	479551	5718303	N	cut block; regen; 12" deep
10-Nov-10	GEO-MINERALS	Chevy	131778	1+550	B	brown		10	40	50	100	479445	5718307	N	treed mossy area; 12" deep
10-Nov-10	GEO-MINERALS	Chevy	131779	1+450	B	gy brown		20	80		100	479346	5718301	N	treed mossy area; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131780	1+350	B	brown		10	80	10	100	479249	5718300	N	treed mossy area; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131781	1+250	B	brown		20	80		100	479148	5718301	N	treed mossy area; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131783	1+900	B	grey	0	30	70		100	479803	5718899	N	dry; fine soil; little veg; few rocks; 15cm deep
10-Nov-10	GEO-MINERALS	Chevy	131784	0+000	B	dr brown	0		20	80	100	477905	5718504	N	mossy; tree area
10-Nov-10	GEO-MINERALS	Chevy	131785	0+100	B	dr brown			10	90	100	478001	5718500	N	mossy; tree area
10-Nov-10	GEO-MINERALS	Chevy	131786	0+200	B	dr brown			20	80	100	478098	5718500	N	mossy; tree area
10-Nov-10	GEO-MINERALS	Chevy	131787	0+300	B	gy brown		20	60	20	100	478198	5718498	N	mossy; tree area
10-Nov-10	GEO-MINERALS	Chevy	131788	0+400	B	dr brown		20	40	40	100	478298	5718501	N	mossy; tree area
10-Nov-10	GEO-MINERALS	Chevy	131789	0+500	B	gy brown		20	70	10	100	478400	5718496	N	mossy; tree area
10-Nov-10	GEO-MINERALS	Chevy	131790	0+600	B	brown		30	70		100	478496	5718496	N	mossy; tree area
10-Nov-10	GEO-MINERALS	Chevy	131791	0+700	B	dr brown		10	60	30	100	478600	5718496	N	mossy; tree area
10-Nov-10	GEO-MINERALS	Chevy	131792	0+800	B	gy brown		40	60		100	478698	5718497	N	mossy; tree area
10-Nov-10	GEO-MINERALS	Chevy	131793	0+900	B	gy brown		40	60		100	478799	5718498	N	mossy; tree area
10-Nov-10	GEO-MINERALS	Chevy	131794	1+000	B	brown		10	90		100	478900	5718502	N	tree; mossy; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131795	1+100	B	brown		10	80	10	100	479002	5718495	N	treed area; mossy; 12" deep
10-Nov-10	GEO-MINERALS	Chevy	131796	1+200	B	brown		10	80	10	100	479103	5718493	N	treed area; mossy; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131797	1+300	B	brown		20	80	0	100	479199	5718505	N	tree; mossy; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131798	1+400	B	brown		20	40	40	100	479294	5718497	N	tree; mossy; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131799	1+500	B	brown		20	80		100	479400	5718502	N	edge of road; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131800	1+600	B	brown		20	70	10	100	479502	5718499	N	cut block; regen; 9" deep
10-Nov-10	GEO-MINERALS	Chevy	131801	1+700	B	gy brown		20	70	10	100	479598	5718499	N	cut block; regen; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131802	1+800	B	brown		10	75	15	100	479699	5718500	N	cut block; regen; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131803	1+900	B	dr brown		10	80	10	100	479797	5718500	N	treed mossy area; 12" deep
10-Nov-10	GEO-MINERALS	Chevy	131804	2+000	B	dr brown		10	90		100	479899	5718495	N	treed mossy area; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131805	2+100	B	dr brown		10	30	60	100	479995	5718498	N	treed mossy area; 12" deep
10-Nov-10	GEO-MINERALS	Chevy	131806	2+200	B	brown			30	70	100	480092	5718496	N	treed mossy area; 12" deep
10-Nov-10	GEO-MINERALS	Chevy	131807	2+300	B	dr brown			10	90	100	480196	5718496	N	treed mossy area; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131808	2+400	B	dr brown			50	50	100	480299	5718499	N	treed mossy area; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131809	2+500	B	dr brown			30	70	100	480394	5718496	N	treed mossy area; 12" deep

10-Nov-10	GEO-MINERALS	Chevy	131810	2+600	B	gy brown		20	20	60	100	480495	5718498	N	treed mossy area; 12" deep
10-Nov-10	GEO-MINERALS	Chevy	131811	2+700	B	brown		20	80		100	480600	5718501	N	treed mossy area; 12" deep
10-Nov-10	GEO-MINERALS	Chevy	131812	2+800	B	brown		10	80	10	100	480703	5718499	N	treed mossy area; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131813	2+900	B	brown		10	80	10	100	480803	5718505	N	treed mossy area; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131814	3+000	B	dr brown		20	30	50	100	480901	5718501	N	treed mossy area; 12" deep
10-Nov-10	GEO-MINERALS	Chevy	131815	3+100	B	brown		10	80	10	100	480999	5718495	N	treed mossy area; 12" deep
10-Nov-10	GEO-MINERALS	Chevy	131816	3+200	B	brown		20	60	20	100	481094	5718500	N	treed mossy area; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131817	3+300	B	brown		10	80	10	100	481206	5718499	N	treed mossy area; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131818	3+400	B	gy brown		20	80		100	481298	5718506	N	treed mossy area; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131819	3+500	B	brown		10	90		100	481395	5718510	N	treed mossy area; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131820	3+600	B	dr brown			10	90	100	481498	5718505	N	treed mossy area; 12" deep
10-Nov-10	GEO-MINERALS	Chevy	131821	3+700	B	dr brown			50	50	100	481598	5718498	N	treed mossy area; 12" deep
09-Nov-10	GEO-MINERALS	Chevy	131823	1+600	B	brown	0	20	80		100	479496	5719301	N	West facing slope; tree area
10-Nov-10	GEO-MINERALS	Chevy	131836	0+000	B	brown	0		*	*	0	477899	5718695	N	moist; rooty; many rocks; E.O.L. 25cm deep
09-Nov-10	GEO-MINERALS	Chevy	131837	0+100	B	dr brown	0		70	30	100	478001	5719104	N	mossy tree area; redish soil; 14" deep
10-Nov-10	GEO-MINERALS	Chevy	131838	0+100	B	brown	0		*	*	0	478005	5718697	N	rooty; moist; not many rocks; tree cover; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131839	0+200	B	dr brown	0		50	50	100	478095	5719097	N	wet soil; mossy tree area; 14" deep
10-Nov-10	GEO-MINERALS	Chevy	131840	0+200	B	gy brown	0		*	*	0	478101	5718702	N	damp; few rocks; rooty; 30cm deep
09-Nov-10	GEO-MINERALS	Chevy	131841	0+300	B	brown	0	20	60	20	100	478200	5719100	N	Mossy tree area; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131842	0+300	B	gy brown	0	*	*		0	478195	5718697	N	dry soil; few rocks; fine; little veg; 15cm deep
09-Nov-10	GEO-MINERALS	Chevy	131843	0+400	B	lt brown	0	10	60	30	100	478297	5719096	N	mossy tree area; 9" deep
10-Nov-10	GEO-MINERALS	Chevy	131844	0+400	B	brown	0		*	*	0	478293	5718695	N	no rocks; rooty; 25cm deep
09-Nov-10	GEO-MINERALS	Chevy	131845	0+500	B	brown	0	20	30	50	100	478399	5719096	N	Mossy tree area; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131846	0+500	B	gy brown	0		*	*	0	478397	5718687	N	dry soil; no rocks; fine; little veg; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131847	0+600	B	brown	0		30	70	100	478497	5719091	N	mossy tree area; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131848	0+600	B	brown	0		*	*	0	478501	5718691	N	moist; few rocks; rooty; 30cm deep
09-Nov-10	GEO-MINERALS	Chevy	131849	0+700	B	dr brown	0		10	90	100	478597	5719098	N	moist soil; tree area; mossy; 8" deep
10-Nov-10	GEO-MINERALS	Chevy	131850	0+700	B	brown	0	*	*		0	478596	5718702	N	grey boulder; rooty; dry soil; fine; rocky; 30cm deep
09-Nov-10	GEO-MINERALS	Chevy	131851	0+800	B	brown	0	10	30	60	100	478693	5719094	N	dry; NW gradual slope; edge of cutblock; 9" deep
10-Nov-10	GEO-MINERALS	Chevy	131852	0+800	B	brown	0		50	50	100	478702	5718702	N	moist soil; few rocks; rooty; tree cover
09-Nov-10	GEO-MINERALS	Chevy	131853	0+900	B	grey	0	30	70		100	478797	5719095	N	dry; hard ground; NW facing cutblock slope; 5" deep
10-Nov-10	GEO-MINERALS	Chevy	131854	0+900	B	brown	0	*	*		0	478808	5718706	N	moist; fine soil; tree cover; few rocks
09-Nov-10	GEO-MINERALS	Chevy	131855	1+000	B	brown	0	20	60	20	100	478903	5719097	N	North facing slope; cutblock; 9" deep
10-Nov-10	GEO-MINERALS	Chevy	131856	1+000	B	gy brown	0	*		*	0	478900	5718701	N	clumpy; moist; few rocks
09-Nov-10	GEO-MINERALS	Chevy	131857	1+100	B	brown	0	20	40	40	100	478008	5719098	N	moist soil; cutblock; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131858	1+100	B	grey	0	*	*		0	479002	5718700	N	rocky; dry soil; flat ground; fine soil; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131859	1+200	B	dr brown	0	15	15	70	100	479105	5719102	N	wet soil; cut block; 9" deep
10-Nov-10	GEO-MINERALS	Chevy	131860	1+200	B	brown	0		*		0	479096	5718694	N	dry soil; few rocks; flat ground; deadfall; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131861	1+300	B	dr brown	0		10	90	100	479200	5719100	N	wet soil; cut block; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131862	1+300	B	brown	0	*	*	*	0	479202	5718694	N	moist; top of hill; rooty; tree cover; 25cm deep
09-Nov-10	GEO-MINERALS	Chevy	131863	1+400	B	dr brown	0		10	90	100	479303	5719098	N	wet soil; cut block; 9" deep
10-Nov-10	GEO-MINERALS	Chevy	131864	1+400	B	lt brown	0		*	*	0	479300	5718701	N	moist; no rocks; little veg; 25degree slope; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131865	1+500	B	brown	0	10	80	10	100	479400	5719099	N	mossy tree area; dry; 10" deep
10-Nov-10	GEO-MINERALS	Chevy	131866	1+500	B	brown	0	40	60		100	479408	5718699	N	roadside; dry soil; no rocks; small A horizon; 25cm deep
09-Nov-10	GEO-MINERALS	Chevy	131867	1+600	B	brown	0	10			10	479503	5719104	N	dry; W facing slope; w/ trees; 12" deep
10-Nov-10	GEO-MINERALS	Chevy	131868	1+600	B	brown	0	30	70		100	479505	5718699	N	dry soil; rooty; not many rocks; fine; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131869	1+700	B	grey	0	30	70		100	479602	5719104	N	dry; W face slope; tree area; 8" deep
10-Nov-10	GEO-MINERALS	Chevy	131870	1+700	B	gy brown	0	20	70	10	100	479608	5718697	N	dry soil; fine; rooty; flat ground; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131871	1+800	B	gy brown	0	20	80		100	479701	5719106	N	dry soil; SW tree facing slope; 6" deep
10-Nov-10	GEO-MINERALS	Chevy	131872	1+800	B	brown	0	30	40	30	100	479706	5718703	N	moist; no rocks; rooty; 25cm deep
09-Nov-10	GEO-MINERALS	Chevy	131873	1+900	B	brown	0	20	80		100	479804	5719104	N	dry soil; tree area; SE facing slope; 6" deep
10-Nov-10	GEO-MINERALS	Chevy	131874	1+900	B	gy brown	0	10	60	30	100	479804	5718700	N	dry soil; fine; rooty; flat ground; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131875	2+000	B	brown	0	30	70		100	479905	5719100	N	dry soil; 20degree slope west; not many rocks; rooty; 25cm deep
10-Nov-10	GEO-MINERALS	Chevy	131876	2+100	B	brown	0	30	60	10	100	480005	5718698	N	deadfall; rooty; moist soil; 25cm deep
09-Nov-10	GEO-MINERALS	Chevy	131877	2+100	B	grey	0	30	70		100	480006	5719094	N	dry soil; few rocks; moss cover; 20degree slope; 20cm deep
10-Nov-10	GEO-MINERALS	Chevy	131878	2+200	B	brown	0	30	20	50	100	480099	5718698	N	rooty; big rocks; moist; clumpy; 25cm deep
09-Nov-10	GEO-MINERALS	Chevy	131879	2+200	B	grey	0	30	70		100	480108	5719100	N	dry soil; hardly any rocks; little veg; 20 degree slope; 20cm deep
10-Nov-10	GEO-MINERALS	Chevy	131880	2+300	B	brown	0	20	40	40	100	480204	5718699	N	moist; few rocks; deadfall; 30cm deep
09-Nov-10	GEO-MINERALS	Chevy	131881	2+300	B	grey	0	30	70		100	480202	5719103	N	dry soil; fine; little veg; few big rocks; 15 degree slope; 20cm deep

10-Nov-10	GEO-MINERALS	Chevy	131882	2+400	B	brown	0	20	50	30	100	480306	5718699	N	moist soil; not many rocks; little veg; 15cm deep
09-Nov-10	GEO-MINERALS	Chevy	131883	2+400	B	grey	0	30	70		100	480301	5719099	N	dry soil; little veg; flat ground; tree cover; 15cm deep
10-Nov-10	GEO-MINERALS	Chevy	131884	2+500	B	gy brown	0	20	50	30	100	480404	5718700	N	moist; not many rocks; rooty; 25cm deep
09-Nov-10	GEO-MINERALS	Chevy	131885	2+500	B	grey	0	30	70		100	480403	5719102	N	dry soil; few rocks; little veg; 30cm deep
10-Nov-10	GEO-MINERALS	Chevy	131886	2+600	B	gy brown	0	30	70		100	480503	5718700	N	dry soil; no rocks; little veg; 15cm deep
09-Nov-10	GEO-MINERALS	Chevy	131887	2+600	B	gy brown	0	30	70		100	480504	5719097	N	dry soil; fine; tree cover; 25cm deep
10-Nov-10	GEO-MINERALS	Chevy	131888	2+700	B	brown	0	20	60	20	100	480604	5718702	N	moist; tree cover; little veg; 15degree slope; 15cm deep
09-Nov-10	GEO-MINERALS	Chevy	131889	2+700	B	brown	0	30	70		100	480605	5719106	N	Dry soil; fine; few rocks; 20cm deep
10-Nov-10	GEO-MINERALS	Chevy	131890	2+800	B	brown	0	10	70	20	100	480706	5718699	N	moist; rooty; lots of deadfall; few rocks; 15degree slope south; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131891	2+800	B	brown	0	40	40	20	100	480700	5719104	N	moist; rocky; tree cover
10-Nov-10	GEO-MINERALS	Chevy	131892	2+900	B	gy brown	0	20	50	30	100	480802	5718701	N	dry soil; tree cover; not many rocks; 30cm deep
09-Nov-10	GEO-MINERALS	Chevy	131893	2+900	B	brown	0	30	30	30	90	480800	5719111	N	moist; deadfall; flat ground; 25cm deep
10-Nov-10	GEO-MINERALS	Chevy	131894	3+000	B	grey	0	70	30		100	480902	5718702	N	dry; fine; few rocks; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131895	3+000	B	lt brown	0	20	60	20	100	480905	5719110	N	lots of deadfall; dry; few sm pebs; 20cm deep
10-Nov-10	GEO-MINERALS	Chevy	131896	3+100	B	brown	0	30	70		100	481004	5718703	N	dry; fine; few rocks; tree cover; 20cm deep
09-Nov-10	GEO-MINERALS	Chevy	131897	3+100	B	grey	0	20	80		100	481000	5719108	N	dry soil; few rocks; fine; regen; sm A-horizon; 15cm deep
10-Nov-10	GEO-MINERALS	Chevy	131898	3+200	B	grey	0	30	70		100	481100	5718698	N	beside regen; little veg; rooty; dry soil; fine; few rocks
09-Nov-10	GEO-MINERALS	Chevy	131899	3+200	B	grey	0	30	70		100	481101	5719103	N	dry soil; few rocks; sm A-horizon; 15cm deep
10-Nov-10	GEO-MINERALS	Chevy	131900	3+300	B	gy brown	0	30	70		100	481204	5718704	N	dry soil; fine; tree cover; little veg; 15cm deep
09-Nov-10	GEO-MINERALS	Chevy	131901	3+300	B	grey	0	30	70		100	481198	5719106	N	dry soil; regen; few sm pebs
10-Nov-10	GEO-MINERALS	Chevy	131902	3+400	B	brown	0	10	60	30	100	481300	5718697	N	beside regen; little veg; moist; not many rocks; 25cm deep
09-Nov-10	GEO-MINERALS	Chevy	131903	3+400	B	grey	0	30	70		100	481298	5719107	N	Regen; thick A-horizon; dry soil; rooty; rocky; 25cm deep
10-Nov-10	GEO-MINERALS	Chevy	131904	3+500	B	brown	0	10	70	20	100	481403	5718697	N	rooty; moist soil; few sm pebs; 30cm deep
09-Nov-10	GEO-MINERALS	Chevy	131905	3+500	B	grey	0	30	70		100	481402	5719108	N	Regen; sm A-horizon; dry soil; fine 15cm deep
10-Nov-10	GEO-MINERALS	Chevy	131906	3+600	B	brown	0	30	70		100	481509	5718696	N	dry soil; tree cover; fine; little veg; 25cm deep
09-Nov-10	GEO-MINERALS	Chevy	131907	3+600	B	lt brown	0	20	80		100	481500	5719106	N	Regen; dry soil; no rocks; 20cm deep
10-Nov-10	GEO-MINERALS	Chevy	131908	3+700	B	brown	0		20	80	100	481603	5718702	N	moist; clumpy; no tree cover; 25cm deep
10-Nov-10	GEO-MINERALS	Chevy	131910	3+800	B	gy brown	0	20	60	20	100	481705	5718694	N	moist; not many rocks; deadfall; 25cm deep
09-Nov-10	GEO-MINERALS	Chevy	131909	3+700	B	brown	0	10	70	20	100	481602	5719106	N	Deadfall; dry; few rocks; 25cm deep
09-Nov-10	GEO-MINERALS	Chevy	131911	3+800	B	brown	0	33	33	34	100	481697	5719101	N	moist; tree cover; 20cm deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132149	00+00	B	brown	5	95	0	0	100	445350	5714850	N	deadfall, some small boulders; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132150	01+00	B	brown	15	85	0	0	100	445450	5714850	N	large rocks, 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132151	02+00	B	brown	15	85	0	0	100	445550	5714850	N	pine flats, deadfall, rocky; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132152	03+00	B	brown	10	90	0	0	100	445650	5714850	N	flat, deadfall, small boulders, 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132153	04+00	B	gr brown	20	80	0	0	100	445750	5714850	N	solid ground, rocky, 6" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132156	34+00	B	brown	0	50	10	40	100	448750	5714850	N	12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132157	33+00	B	gr brown	0	50	50	0	100	448650	5714850	N	flat; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132158	32+00	B	grey	0	100	0	0	100	448550	5714850	N	12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132159	31+00	B	grey	0	100	0	0	100	448450	5714850	N	flat, treed; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132160	30+00	B	brown	0	0	20	80	100	448350	5714850	N	flat; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132161	29+00	B	brown	0	20	0	80	100	448250	5714850	N	flat, treed; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132162	28+00	B	brown	0	25	25	50	100	448150	5714850	N	slight west facing slope, 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132163	27+00	B	brown	0	90	0	10	100	448050	5714850	N	slight west facing slope, 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132164	26+00	B	grey	0	25	25	50	100	447950	5714850	N	flat, treed; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132165	25+00	B	brown	0	70	20	10	100	447850	5714850	N	flat, treed; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132166	24+00	B	grey	0	0	0	100	100	447750	5714850	N	flat; 18" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132167	23+00	B	brown	0	50	20	30	100	447650	5714850	N	flat, treed; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132168	22+00	B	brown	0	90	10	0	100	447550	5714850	N	rolling hills; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132169	21+00	B	brown	0	90	10	0	100	447450	5714850	N	slight east facing slope, 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132170	20+00	B	brown	0	60	30	10	100	447350	5714850	N	flat ground, treed; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132171	19+00	B	grey	0	60	40	0	100	447250	5714850	N	flat ground, angular gravel, volcanic rocks; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132172	18+00	B	grey	0	10	90	0	100	447150	5714850	N	flat ground, treed; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132173	17+00	B	gr brown	0	60	40	0	100	447050	5714850	N	flat ground, pine flats; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132174	16+00	B	grey	0	70	20	10	100	446950	5714850	N	pine flats, lots of blowdown; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132175	15+00	B	grey	0	70	30	0	100	446850	5714850	N	pine flats; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132176	14+00	B	grey	0	70	30	0	100	446750	5714850	N	pine flats; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132177	13+00	B	brown	0	70	30	0	100	446650	5714850	N	gently rolling hills; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132178	12+00	B	tan	0	60	20	20	100	446550	5714850	N	slight east facing slope, 12" deep

14-Nov-10	GEO-MINERALS	Prosperity NW	132180	10+00	B	brown	0	0	90	10	100	446350	5714850	N	flat, swampy; 14" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132181	09+00	B	brown	0	60	20	20	100	446250	5714850	N	flat, treed; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132182	08+00	B	grey	0	60	40	0	100	446150	5714850	N	flat treed, very thick bush; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132183	07+00	B	brown	0	90	10	0	100	446050	5714850	N	lots gravel, rolling hills; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132185	05+00	B	brown	0	60	0	40	100	445850	5714850	N	gently rolling hills; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132192	00+00	B	brown	10	90			100	445350	5714100	N	pine flats; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132193	01+00	B	brown	10	90			100	445450	5714100	N	Pine, blowdown, rocky; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132194	02+00	B	brown	5	95			100	445550	5714100	N	west facing slope, blowdown; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132195	03+00	B	brown	10	90			100	445650	5714100	N	pine, 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132196	04+00	B	brown	15	85			100	445750	5714100	N	pine flats, some rock; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132197	05+00	B	brown	10	90			100	445850	5714100	N	blowdown, sandy; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132198	06+00	B	brown	10	90			100	445950	5714100	N	flat, some rocks; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132199	07+00	B	brown	3	97			100	446050	5714100	N	pine, blowdown; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132200	08+00	B	brown	10	90			100	446150	5714100	N	pine flats; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132201	09+00	B	brown	15	85			100	446250	5714100	N	flat, treed, 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132202	10+00	B	brown	10	90			100	446350	5714100	N	flat, pines; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132203	11+00	B	brown	15	85			100	446450	5714100	N	pine, some rocks; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132204	12+00	B	brown	10	90			100	446550	5714100	N	old cut block; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132205	13+00	B	brown	5	95			100	446650	5714100	N	old cut block, 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132206	14+00	B	brown	5	95			100	446750	5714100	N	old cut block; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132207	15+00	B	brown	10	90			100	446850	5714100	N	planted pine, rocks; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132208	16+00	B	brown	15	85			100	446950	5714100	N	pine flats, rocks; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132209	17+00	B	brown	20	80			100	447050	5714100	N	pine, rotty, solid ground; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132210	18+00	B	brown	15	85			100	447150	5714100	N	pine, some small boulders; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132211	19+00	B	brown	10	90			100	447250	5714100	N	blow down, flat; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132212	20+00	B	brown	15	85			100	447350	5714100	N	brush, blowdown; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132214	22+00	B	Black	organics				0	447550	5714100	N	swampy, organics; 14" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132215	23+00	B	Brown	15	85			100	447650	5714100	N	edge of old cut block; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132216	24+00	B	Brown	20	80			100	447750	5714100	N	pine flats, rocky; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132217	25+00	B	Brown	10	90			100	447850	5714100	N	slight east facing slope, 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132218	26+00	B	Brown	10	90			100	447950	5714100	N	pine trees, flat; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132219	27+00	B	Brown	15	85			100	448050	5714100	N	blowdown, pine, some rock; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132220	28+00	B	Brown	10	90			100	448150	5714100	N	pine flats, rocky; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132221	29+00	B	Brown	10	90			100	448250	5714100	N	pine, some rock, 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132222	30+00	B	Brown	10	80			90	448350	5714100	N	pine, blowdown, flat; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132223	31+00	B	Brown	20	80			100	448450	5714100	N	some boulders, small rocks; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132224	32+00	B	Brown	15	85			100	448550	5714100	N	pine flat, rocky; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132235	00+00	B	dk brown	0	20	60	20	100	445350	5713350	N	deadfall; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132236	01+00	B	dk brown	0	0	70	30	100	445450	5713350	N	deadfall; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132237	02+00	B	dk brown	0	10	50	40	100	445550	5713350	N	deadfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132238	03+00	B	dk brown	0	20	60	20	100	445650	5713350	N	deadfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132239	04+00	B	dk brown	0	0	70	30	100	445750	5713350	N	deadfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132240	05+00	B	dk brown	0	0	70	30	100	445850	5713350	N	deadfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132241	06+00	B	dk brown	0	10	80	10	100	445950	5713350	N	deadfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132242	07+00	B	dk brown	0	10	60	30	100	446050	5713350	N	deadfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132243	08+00	B	dk brown	0	0	70	30	100	446150	5713350	N	deadfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132244	09+00	B	brown	0	0	90	10	100	446250	5713350	N	deadfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132245	10+00	B	dk brown	0	10	70	20	100	446350	5713350	N	deadfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132246	11+00	B	brown	0	10	80	10	100	446450	5713350	N	beside road; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132247	12+00	B	dk brown	0	10	80	10	100	446550	5713350	N	treed; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132248	13+00	B	dk brown	0	10	70	20	100	446650	5713350	N	treed; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132249	14+00	B	brown	0	10	80	10	100	446750	5713350	N	treed, deadfall; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132250	15+00	B	brown	0	20	80	0	100	446850	5713350	N	treed, deadfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132251	16+00	B	gr brown	0	30	70	0	100	446950	5713350	N	treed, deadfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132252	17+00	B	brown	0	10	80	10	100	447050	5713350	N	treed, deadfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132253	18+00	B	brown	0	10	80	10	100	447150	5713350	N	big rocks, downfall; 11" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132254	19+00	B	brown	0	10	70	20	100	447250	5713350	N	big rocks, downfall; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132255	20+00	B	brown	0	40	60	0	100	447350	5713350	N	treed, deadfall, lava rock; 11" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132256	21+00	B	dk brown	0	10	70	20	100	447450	5713350	N	treed, downfall; 10" deep

14-Nov-10	GEO-MINERALS	Prosperity NW	132257	22+00	B	brown	0	10	80	10	100	447550	5713350	N	treed, downfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132258	23+00	B	brown	0	10	80	10	100	447650	5713350	N	treed, downfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132259	24+00	B	dk brown	0	10	50	40	100	447750	5713350	N	treed, downfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132260	25+00	B	brown	0	10	80	10	100	447850	5713350	N	treed, downfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132261	26+00	B	brown	0	10	80	10	100	447950	5713350	N	treed, downfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132262	27+00	B	brown	0	10	70	20	100	448050	5713350	N	treed, downfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132263	28+00	B	dk brown	0	10	70	20	100	448150	5713350	N	treed, downfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132264	29+00	B	dk brown	0	20	80	0	100	448250	5713350	N	treed, downfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132265	30+00	B	dk brown	0	10	80	10	100	448350	5713350	N	treed, downfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132266	31+00	B	gr brown	0	10	80	10	100	448450	5713350	N	treed, downfall; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132267	32+00	B	gr brown	0	30	70	0	100	448550	5713350	N	treed, downfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132268	33+00	B	brown	0	30	70	0	100	448650	5713350	N	treed, downfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132269	34+00	B	Brown	0	20	70	10	100	448750	5713350	N	treed, downfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132270	35+00	B	Brown	0	10	80	10	100	448850	5713350	N	treed, downfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132271	36+00	B	dk brown	0	10	70	20	100	448950	5713350	N	treed, downfall; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132272	37+00	B	dk brown	0	10	90	0	100	449050	5713350	N	se facing slope, treed, deadfall; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132275	40+00	B	dk brown	0	20	60	20	100	449350	5713350	N	treed, deadfall; 12"
14-Nov-10	GEO-MINERALS	Prosperity NW	132276	41+00	B	Brown	0	10	70	20	100	449450	5713350	N	treed, deadfall; 12"
14-Nov-10	GEO-MINERALS	Prosperity NW	132277	42+00	B	dk brown	0	20	70	10	100	449550	5713350	N	treed, deadfall; 10 deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132278	43+00	B	dk brown	0	0	60	40	100	449650	5713350	N	treed, deadfall; 10 deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132279	44+00	B	dk brown	0	0	60	40	100	449750	5713350	N	treed, hilly; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132280	45+00	B	dk brown	0	10	80	10	100	449850	5713350	N	treed, hilly, 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132281	46+00	B	dk brown	0	10	60	30	100	449950	5713350	N	treed; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132282	47+00	B	dk brown	0	10	70	20	100	450050	5713350	N	slope; 9" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132283	48+00	B	dk brown	0	10	70	20	100	450150	5713350	N	slope, 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132284	49+00	B	brown	0	10	70	20	100	450250	5713350	N	slope, 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132285	50+00	B	brown	0	10	90	0	100	450350	5713350	N	deadfall, slope; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132287	34+00	B	brown	0	60	40	0	100	448750	5712600	N	lots small pebs, 15 degree slope west, dry soil, 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132288	35+00	B	brown	0	20	80	0	100	448850	5712600	N	west facing slope, dry fine soil; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132289	36+00	B	brown	0	30	70	0	100	448950	5712600	N	west facing slope, dry fine soil, 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132290	37+00	B	brown	0	50	50	0	100	449050	5712600	N	dry fine soil, west facing slope; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132291	38+00	B	brown	0	20	50	30	100	449150	5712600	Y	grey boulders; 6" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132292	39+00	B	brown	0	10	60	30	100	449250	5712600	N	rooty, mossy; 10"
14-Nov-10	GEO-MINERALS	Prosperity NW	132293	40+00	B	brown	0	20	70	10	100	449350	5712600	N	dry soil, few rocks, rooty; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132294	41+00	B	brown	0	20	60	20	100	449450	5712600	N	moist, not many rocks, rooty, flat, 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132295	42+00	B	brown	0	20	80	0	100	449550	5712600	N	rooty, few rocks, dry soil blowdown; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132297	44+00	B	brown	0	30	70	0	100	449750	5712600	N	dry fine soil; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132298	45+00	B	brown	0	20	40	20	80	449850	5712600	N	moist soil, treed, rooty; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132299	46+00	B	brown	0	20	70	10	100	449950	5712600	N	moist, rooty, 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132300	47+00	B	brown	0	20	50	30	100	450050	5712600	N	west facing slope, moist soil, little veg; 6" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132301	48+00	B	brown	0	10	60	30	100	450150	5712600	N	dry soil, rooty, east facing slope; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132302	49+00	B	brown	0	10	60	30	100	450250	5712600	N	blowdown. Rooty. Thick veg, flat, 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132303	50+00	B	grey	0	50	50	0	100	450350	5712600	N	blowdown, dry fine soil, little veg; 6" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132304	51+00	B	brown	0	10	60	30	100	450450	5712600	N	moist soil, rocky, rooty; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132305	34+00	B	brown	0	50	50	0	100	448750	5711850	N	30 degree west slope, dry soil, rooty; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132306	35+00	B	brown	0	20	70	10	100	448850	5711850	N	lots of blowdown, rooty, thick veg, moist soil; 14" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132307	36+00	B	brown	0	20	80	0	100	448950	5711850	N	blowdown, grassy, moist soil; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132308	37+00	B	brown	0	20	70	10	100	449050	5711850	N	blowdown, rooty, moist soil; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132309	38+00	B	brown	0	20	80	0	100	449150	5711850	N	blowdown, dry fine soil; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132310	39+00	B	brown	0	20	80	0	100	449250	5711850	N	blowdown, dry fine soil; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132311	40+00	B	brown	0	20	80	0	100	449350	5711850	N	blowdown, moist fine soil, few pebbles; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132312	41+00	B	brown	0	30	70	0	100	449450	5711850	N	blowdown, dry fine soil, small pebs; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132313	42+00	B	brown	0	20	80	0	100	449550	5711850	N	dry fine soil, rocky, rooty; 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132314	43+00	B	brown	0	10	60	30	100	449650	5711850	N	moist soil, rooty, blowdown; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132315	44+00	B	brown	0	0	90	10	100	449750	5711850	N	blowdown, dry fine soil, rooty; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132316	45+00	B	brown	0	0	90	10	100	449850	5711850	N	blowdown, dry fine soil; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132317	46+00	B	brown	0	20	80	0	100	449950	5711850	N	dry fine soil, mossy; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132318	47+00	B	brown	0	20	80	0	100	450050	5711850	N	fine dry soil, rooty, 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132319	48+00	B	brown	0	20	80	0	100	450150	5711850	N	dry fine soil, grassy; 10" deep

14-Nov-10	GEO-MINERALS	Prosperity NW	132320	49+00	B	brown	0	30	70	0	100	450250	5711850	N	dry soil, rooty; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132321	50+00	B	brown	0	50	50	0	100	450350	5711850	N	blowdown, dry, rocky, little veg; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132322	51+00	B	gr brown	0	40	60	0	100	450450	5711850	N	dry, rooty, rocky; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132323	38+00	B	brown	0	0	60	40	100	449250	5711100	N	frozen ground, treed, moist; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132324	39+00	B	brown	0	0	80	20	100	449350	5711100	N	moist soil, rockyl 12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132325	40+00	B	brown	0	0	80	20	100	449450	5711100	N	dry soil, few rocks; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132326	41+00	B	brown	0	0	80	20	100	449550	5711100	N	blowdown, moist soil, few pebs, rooty;12" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132327	42+00	B	gr brown	0	40	60	0	100	449650	5711100	N	blowdown, dry soil, few rocks, rooty; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132328	43+00	B	brown	0	30	70	0	100	449750	5711100	N	rocky, moist soil, lttle veg, blowdown; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132329	44+00	B	grey	0	50	50	0	100	449850	5711100	N	on small hill, blowdown, dry fine soil; 6" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132330	45+00	B	grey	0	40	60	0	100	449950	5711100	N	blowdown, dry soil, little veg; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132331	46+00	B	brown	0	20	80	0	100	450050	5711100	N	in meadow, rocky, small hill, east facing slope, 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132332	47+00	B	brown	0	20	70	10	100	450150	5711100	N	dry, rocky, fine, very little veg; 6" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132333	48+00	B	brown	0	40	60	0	100	450250	5711100	N	deadfall, grassy, rocky, moist soil; 10" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132334	49+00	B	brown	0	40	60	0	100	450350	5711100	N	top of hill, dry soil, rocky; 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132335	50+00	B	brown	0	10	60	30	100	450450	5711100	N	blowdown, grassy, dry soil, 8" deep
14-Nov-10	GEO-MINERALS	Prosperity NW	132336	51+00	B	blk brown	0	60	40	0	100	450550	5711100	N	field of buck brush, rooty, few rocks, moist soil; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132033	00+00	B	brown	0	20	80	0	100	453199	5716149	N	rooty, dry, fine, 25cm
15-Nov-10	GEO-MINERALS	Vick	132034	01+00	B	brown	0	20	80	0	100	453305	5716153	N	45 degree slope west, little veg.; dry, 20cm
15-Nov-10	GEO-MINERALS	Vick	132035	02+00	B	brown					0	453404	5716149	N	25 degree slope west, rooty, moist, not many rocks, little veg, 15cm
15-Nov-10	GEO-MINERALS	Vick	132036	03+00	B	brown	0	40	60	0	100	453500	5716153	N	rooty, dry, little veg, tree cover, 15cm
15-Nov-10	GEO-MINERALS	Vick	132037	04+00	B	brown	0	10	70	20	100	453602	5716149	Y	grey boulders, grassy cover, moist, not many rocks, 25cm
15-Nov-10	GEO-MINERALS	Vick	132038	05+00	B	brown	0	30	70	0	100	453703	5716153	Y	grey boulders, 35 degree slope west, little veg, dry, not many rocks, 20cm
15-Nov-10	GEO-MINERALS	Vick	132039	06+00	B	copper	0	20	80	0	100	453800	5716150	N	re-gen, little veg, dry, no rocks, 15cm
15-Nov-10	GEO-MINERALS	Vick	132040	07+00	B	grey	0	0	30	70	100	453901	5716152	N	clumpy, moist, no rocks, 15cm
15-Nov-10	GEO-MINERALS	Vick	132041	08+00	B	brown	0	30	70	0	100	454001	5716148	N	re-gen, little veg, few rocks, dry, 25cm
15-Nov-10	GEO-MINERALS	Vick	132042	09+00	B	brown	0	40	60	0	100	454102	5716149	Y	re-gen, little veg, rocky, dry, 15cm
15-Nov-10	GEO-MINERALS	Vick	132043	10+00	B	brown	0	10	60	30	100	454199	5716148	N	re-gen, little veg, rooty, not many rocks, moist, 20cm
15-Nov-10	GEO-MINERALS	Vick	132044	11+00	B	brown	0	40	60	0	100	454306	5716150	N	re-gen, little veg, rocky, rooty, 25cm
15-Nov-10	GEO-MINERALS	Vick	132045	12+00	B	grey	0	20	80	0	100	454404	5716150	N	dry soil, few rocks, mossy cover, 15cm
15-Nov-10	GEO-MINERALS	Vick	132046	13+00	B	brown	0	40	60	0	100	454506	5716151	N	tree cover, few rocks, dry, rooty, 25cm
15-Nov-10	GEO-MINERALS	Vick	132047	14+00	B	brown	0	40	60	0	100	454603	5716146	N	few rocks, pebbles, dry, 30cm
15-Nov-10	GEO-MINERALS	Vick	132049	16+00	B	brown	0	40	60	0	100	454807	5716152	N	moist, tree cover, not many rocks, 20cm
15-Nov-10	GEO-MINERALS	Vick	132050	17+00	B	brown	0	20	40	40	100	454900	5716149	N	deadfall, mossy cover, moist, not many rocks, 25cm
15-Nov-10	GEO-MINERALS	Vick	132052	19+00	B	brown	0	20	40	40	100	455107	5716151	N	moist, few rocks, rooty, 25cm
15-Nov-10	GEO-MINERALS	Vick	132053	20+00	B	brown	0	40	60	0	100	455207	5716165	N	deadfall, dry, not many rocks, 25cm
15-Nov-10	GEO-MINERALS	Vick	132054	21+00	B	brown	0	30	70	0	100	455305	5716153	N	grassy cover, few rocks, dry soil, rooty, 25cm
15-Nov-10	GEO-MINERALS	Vick	132057	02+00	B	brown	0	30	60	10	100	453399	5715748	N	grassy cover, rooty, moist, 30cm
15-Nov-10	GEO-MINERALS	Vick	132058	03+00	B	brown	0	50	50	0	100	453499	5715750	N	blow down, rooty, dry soil, few rocks, 20cm
15-Nov-10	GEO-MINERALS	Vick	132059	04+00	B	brown	0	20	40	40	100	453598	5715750	N	moist, clumpy, rooty, 20cm
15-Nov-10	GEO-MINERALS	Vick	132060	05+00	B	brown	0	30	70	0	100	453689	5715747	N	rocky, moist, 20cm
15-Nov-10	GEO-MINERALS	Vick	132061	06+00	B	copper	0	50	50	0	100	453800	5715750	N	top of hill, little veg, dry, rocky, 25cm
15-Nov-10	GEO-MINERALS	Vick	132062	07+00	B	copper	0	30	60	10	100	453899	5715748	N	rooty. Moist, grassy cover, 30cm
15-Nov-10	GEO-MINERALS	Vick	132063	08+00	B	brown	0	10	60	30	100	453999	5715749	N	moist, not mant rocks, rooty, 25cm
15-Nov-10	GEO-MINERALS	Vick	132064	09+00	B	brown	0	50	30	20	100	454096	5715751	N	rocky, rooty, little veg, moist, 25cm
15-Nov-10	GEO-MINERALS	Vick	132065	10+00	B	brown	0	40	60	0	100	454199	5715753	N	grassy cover, 15 degree slope east, moist, 25cm
15-Nov-10	GEO-MINERALS	Vick	132066	11+00	B	brown	0	10	70	20	100	454300	5715752	N	moist, beside old road, rooty, 25cm
15-Nov-10	GEO-MINERALS	Vick	132067	12+00	B	brown	0	40	60	0	100	454397	5715748	N	beside old road, little veg, dry, rocky, 15cm
15-Nov-10	GEO-MINERALS	Vick	132068	13+00	B	grey	0	40	40	20	100	454499	5715751	N	re-gen, rocky, little veg, flat ground, 15cm. Dry
15-Nov-10	GEO-MINERALS	Vick	132069	14+00	B	grey	0	0	20	80	100	454596	5715749	N	clumpy, wet, rooty, 30cm
15-Nov-10	GEO-MINERALS	Vick	132072	17+00	B	brown	0	20	40	40	100	454897	5715747	N	moist, no rocks, rooty, 25cm
15-Nov-10	GEO-MINERALS	Vick	132073	18+00	B	brown	0	40	60	0	100	455003	5715750	N	deadfall, dry, fine, rooty, 25cm
15-Nov-10	GEO-MINERALS	Vick	132075	20+00	B	grey	0	50	50	0	100	455197	5715751	N	re-gen, little veg, rocky, dry, 25cm
15-Nov-10	GEO-MINERALS	Vick	132076	21+00	B	brown	0	50	50	0	100	455304	5715754	N	re-gen, rooty, rocky, 30cm
15-Nov-10	GEO-MINERALS	Vick	132077	00+00	B	Grey	0	50	0	50	100	453200	5715400	N	rolling hills; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132079	02+00	B	brown	0	50	0	50	100	453400	5715400	N	slight west facing slope, treed; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132080	03+00	B	brown	0	90	0	10	100	453500	5715400	N	20 degree west facing slope; 12" deep

15-Nov-10	GEO-MINERALS	Vick	132081	04+00	B	tan	0	50	50	0	100	453600	5715400	N	flat, edge of cutblock: 12" deep
15-Nov-10	GEO-MINERALS	Vick	132082	05+00	B	brown	0	80	0	20	100	453700	5715400	N	flat, treed; 15" deep
15-Nov-10	GEO-MINERALS	Vick	132083	06+00	B	gr brown	0	50	0	50	100	453800	5715400	N	flat treed ground; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132084	07+00	B	lt brown	0	70	0	30	100	453900	5715400	N	flat treed ground; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132085	08+00	B	Grey	0	50	0	50	100	454000	5715400	N	flat ground; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132086	09+00	B	dk grey	0	50	0	50	100	454100	5715400	N	flat ground; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132087	10+00	B	dk grey	0	10	0	90	100	454200	5715400	N	treed; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132088	11+00	B	lt brown	0	90	10	0	100	454300	5715400	N	flat, regen; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132089	12+00	B	dk brown	0	0	90	10	100	454400	5715400	N	pine flats; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132090	13+00	B	dk brown	0	0	50	50	100	454500	5715400	N	treed, some rocks; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132091	14+00	B	brown	0	10	90	0	100	454600	5715400	N	old regen, cutblock 10" deep
15-Nov-10	GEO-MINERALS	Vick	132092	15+00	B	brown	0	0	50	50	100	454700	5715400	N	some rocks; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132094	17+00	B	dk brown	0	0	50	50	100	454900	5715400	N	Thin brush, pine; 14" deep
15-Nov-10	GEO-MINERALS	Vick	132095	18+00	B	lt brown	0	20	80	0	100	455000	5715400	N	pine forest, blowdown; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132096	19+00	B	brown	0	10	60	30	100	455100	5715400	N	pine trees, flat; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132097	20+00	B	brown	0	10	80	10	100	455200	5715400	N	deadfall, flat; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132098	21+00	B	brown	0	10	80	10	100	455300	5715400	N	pine, some rocks; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132099	00+00	B	brown	0	100	0	0	100	453200	5715000	N	flat, lots of gravel; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132100	01+00	B	brown	0	60	0	40	100	453300	5715000	N	treed, 10 degree west slope; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132101	02+00	B	brown	0	10	80	10	100	453400	5715000	N	
15-Nov-10	GEO-MINERALS	Vick	132103	04+00	B	grey	0	60	0	40	100	453600	5715000	N	slight east facing slope, treed; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132104	05+00	B	charcoal	0	20	80	0	100	453700	5715000	N	30 degree east facing slope; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132105	06+00	B	brown	0	60	20	20	100	453800	5715000	N	old cutblock; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132106	07+00	B	brown	0	20	80	0	100	453900	5715000	N	flat, old cutblock; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132107	08+00	B	brown	0	60	10	30	100	454000	5715000	N	flat, treed; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132108	09+00	B	brown	0	40	60	0	100	454100	5715000	N	flat cutblock; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132109	10+00	B	brown	0	100	0	0	100	454200	5715000	N	flat; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132110	11+00	B	dk brown	0	0	50	50	100	454300	5715000	N	top of valley; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132111	12+00	B	brown	0	10	80	10	100	454400	5715000	N	broken rocks, cutblock; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132112	13+00	B	lt brown	0	10	90	0	100	454500	5715000	N	some small boulders; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132113	14+00	B	brown	0	30	70	0	100	454600	5715000	N	flat, some rocks; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132114	15+00	B	dk brown	0	0	50	50	100	454700	5715000	N	planted pine flats; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132115	16+00	B	brown	0	10	90	0	100	454800	5715000	N	flat, pine; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132116	17+00	B	lt brown	0	20	80	0	100	454900	5715000	N	flat, pine; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132117	18+00	B	lt brown	0	20	80	0	100	455000	5715000	N	regen, treed; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132118	19+00	B	dk brown	0	0	60	40	100	455100	5715000	N	regen, treed; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132119	20+00	B	brown	0	20	80	0	100	455200	5715000	N	regen pine flats; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132120	21+00	B	brown	0	10	70	20	100	455300	5715000	N	pine flats; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132123	10+00	B	brown	5	95	0	0	100	454200	5714650	N	some small boulders, west facing slope; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132124	11+00	B	brown	0	100	0	0	100	454300	5714650	N	treed, deadfall; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132125	12+00	B	gr brown	0	40	0	60	100	454400	5714650	N	regen pine, some rocks; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132126	13+00	B	brown	30	70	0	0	100	454500	5714650	N	regen pine; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132127	14+00	B	brown	40	60	0	0	100	454600	5714650	N	regen pine; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132128	15+00	B	brown	10	90	0	0	100	454700	5714650	N	beside main road; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132129	16+00	B	brown	10	90	0	0	100	454800	5714650	N	cut block, some rocks; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132130	17+00	B	brown	20	80	0	0	100	454900	5714650	N	treed, very rocky; 6" deep
15-Nov-10	GEO-MINERALS	Vick	132132	19+00	B	brown	10	80	0	10	100	455100	5714650	N	treed, rocky; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132133	20+00	B	brown	10	90	0	0	100	455200	5714650	N	treed, rocky; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132135	14+00	B	brown	10	90	0	0	100	454600	5714250	N	Beside Lake, Rocky; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132136	15+00	B	brown	10	90	0	0	100	454700	5714250	N	South facing slope, 12" deep
15-Nov-10	GEO-MINERALS	Vick	132137	16+00	B	brown	10	90	0	0	100	454800	5714250	N	blowdown, treed; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132138	17+00	B	brown	10	90	0	0	100	454900	5714250	N	blowdown, treed; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132139	18+00	B	brown	0	80	0	20	100	455000	5714250	N	blowdown, trees; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132140	19+00	B	brown	10	90	0	0	100	455100	5714250	N	trees, some rocks; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132141	20+00	B	brown	10	90	0	0	100	455200	5714250	N	Some rock, trees: 10" deep
15-Nov-10	GEO-MINERALS	Vick	132142	08+00	B	brown	15	85	0	0	100	454000	5713900	N	Trees, blowdown, some rock; 12' deep
15-Nov-10	GEO-MINERALS	Vick	132143	09+00	B	brown	20	0	0	80	100	454100	5713900	N	trees, blowdown; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132144	10+00	B	brown	10	90	0	0	100	454200	5713900	N	Pine, edge of cutblock 10" deep
15-Nov-10	GEO-MINERALS	Vick	132145	11+00	B	brown	5	95	0	0	100	454300	5713900	N	Regen, pine; 10" deep

15-Nov-10	GEO-MINERALS	Vick	132146	12+00	B	brown	20	80	0	0	100	454400	5713900	N	edge of cutblock; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132147	13+00	B	brown	5	95	0	0	100	454500	5713900	N	regen, pine; 12" deep
15-Nov-10	GEO-MINERALS	Vick	132148	14+00	B	brown	10	90	0	0	100	454600	5713900	N	blowdown, regen; 10" deep
15-Nov-10	GEO-MINERALS	Vick	132149	15+00	B	brown	15	85	0	0	100	454700	5713900	N	north facing slope, 10" deep
15-Nov-10	GEO-MINERALS	Vick	132150	16+00	B	brown	10	90	0	0	100	454800	5713900	N	blowdown, pine, some rocks; 10" deep
12-Nov-10	GEO-MINERALS	Newton North	131824	2+000	B	brown	0	30	50	20	100	453999	5749747	N	Cut block; 6" deep
12-Nov-10	GEO-MINERALS	Newton North	131825	2+200	B	Lt Brown	0	20	80	0	100	454200	5749750	N	Cut block; 6" deep
12-Nov-10	GEO-MINERALS	Newton North	131826	2+400	B	Brown	0	0	95	5	100	454400	5749750	N	Cut block; 6" deep
12-Nov-10	GEO-MINERALS	Newton North	131827	2+600	B	Lt Brown	0	0	100	0	100	454600	5749750	N	Cut block; 7" deep, Ash
12-Nov-10	GEO-MINERALS	Newton North	131828	2+800	B	Lt Brown	0	10	90	0	100	454800	5749750	N	Cut block; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131829	3+000	B	brown	0	20	80	0	100	455000	5749750	N	Trees, Blowdown; 6" deep
12-Nov-10	GEO-MINERALS	Newton North	131830	3+200	B	brown	0	10	70	20	100	455200	5749750	N	Trees, Blowdown; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131831	3+400	B	Grey	0	80	20	0	100	455400	5749750	N	Trees, Blowdown; 6" deep
12-Nov-10	GEO-MINERALS	Newton North	131832	3+600	B	brown	0	30	70	0	100	455600	5749750	N	Trees, Blowdown; 6" deep
12-Nov-10	GEO-MINERALS	Newton North	131833	3+800	B	brown	0	10	70	20	100	455800	5749750	N	Trees, Blowdown; 10" deep
12-Nov-10	GEO-MINERALS	Newton North	131834	4+000	B	brown	0	10	60	30	100	456000	5749750	N	Cutblock, Regen; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131912	4+200	B	Lt Brown	0	40	60	0	100	456200	5749750	N	Cutblock, Regen; 6" deep
12-Nov-10	GEO-MINERALS	Newton North	131913	4+400	B	brown	0	0	70	30	100	456400	5749750	N	Cutblock, Regen; 6" deep
12-Nov-10	GEO-MINERALS	Newton North	131914	4+600	B	brown	0	10	80	10	100	456600	5749750	N	Cutblock, Regen; 7" deep
12-Nov-10	GEO-MINERALS	Newton North	131915	4+800	B	Lt Brown	0	10	90	0	100	456800	5749750	N	Trees: 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131916	5+000	B	Gr Brown	0	30	70	0	100	457000	5749750	N	Cutblock, Regen; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131917	5+200	B	brown	0	30	60	10	100	457200	5749750	N	Cutblock, Regen; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131918	5+400	B	Gr Brown	0	10	90	0	100	457400	5749750	N	Cutblock, Regen; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131919	5+600	B	brown	0	10	90	0	100	457600	5749750	N	Cutblock, Regen; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131920	5+800	B	Lt Brown	0	10	60	30	100	457800	5749750	N	trees, blowdown; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131921	6+000	B	Lt Brown	0	30	70	0	100	458000	5749750	N	cutblock, Regen; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131922	6+200	B	Gr Brown	0	20	80	0	100	458200	5749750	N	cutblock, Regen; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131923	6+400	B	Lt Brown	0	40	60	0	100	458400	5749750	N	trees, edge of block; 10" deep
12-Nov-10	GEO-MINERALS	Newton North	131924	6+600	B	brown	0	80	20	0	100	458600	5749750	N	treed, blowdown; 10" deep
12-Nov-10	GEO-MINERALS	Newton North	131925	6+800	B	dk broan	0	10	80	10	100	458800	5749750	N	treed, blowdown; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131926	7+000	B	brown	0	10	70	20	100	459000	5749750	N	treed, blowdown; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131927	7+200	B	Lt Brown	0	30	70	0	100	459200	5749750	N	cutblock, regen; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131928	7+400	B	Lt Brown	0	20	80	0	100	459400	5749750	N	cutblock, regen; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131929	7+600	B	Lt Brown	0	0	70	30	100	459600	5749750	N	treed, blowdown; 6" deep
12-Nov-10	GEO-MINERALS	Newton North	131930	7+800	B	Lt Brown	0	10	90	0	100	459800	5749750	N	cutblock, regen; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131931	8+000	B	brown	0	40	60	0	100	460000	5749750	N	cutblock, regen; 10" deep
12-Nov-10	GEO-MINERALS	Newton North	131932	8+200	B	Gr Brown	0	20	80	0	100	460200	5749750	N	cutblock,; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131933	8+400	B	brown	0	20	80	0	100	460400	5749750	Y	cutblock, grey boulders; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131934	8+600	B	brown	0	30	60	10	100	460600	5749750	Y	cutblock, grey boulders; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131935	8+800	B	brown	0	20	80	0	100	460800	5749750	Y	cutblock, grey boulders; 10" deep
12-Nov-10	GEO-MINERALS	Newton North	131936	9+000	B	brown	0	20	80	0	100	461000	5749750	Y	cutblock, grey boulders; 10" deep
12-Nov-10	GEO-MINERALS	Newton North	131937	9+200	B	grey	0	20	80	0	100	461200	5749750	Y	rocky, grey boulders; 6" deep
12-Nov-10	GEO-MINERALS	Newton North	131938	9+400	B	Gr Brown	0	20	80	0	100	461400	5749750	N	cutblock; 6" deep
12-Nov-10	GEO-MINERALS	Newton North	131939	9+600	B	grey	0	20	80	0	100	461600	5749750	N	cutblock, 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131940	9+800	B	brown	0	20	80	0	100	461800	5749750	N	deadfall, fine soil, 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131941	10+000	B	brown	0	40	60	0	100	462000	5749750	N	Deadfall, some small pebbles; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131942	10+200	B	brown	0	0	80	20	100	462200	5749750	N	deadfall, gully; 10" deep
12-Nov-10	GEO-MINERALS	Newton North	131943	10+400	B	Gr Brown	0	30	70	0	100	462400	5749750	Y	rooty, fine soil, dry; 10" deep
12-Nov-10	GEO-MINERALS	Newton North	131944	10+600	B	brown	0	20	80	0	100	462600	5749750	N	deadfall, dry fine soil; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131945	10+800	B	brown	0	20	60	20	100	462800	5749750	Y	deadfall, rooty, boulders; 10" deep
12-Nov-10	GEO-MINERALS	Newton North	131946	11+000	B	brown	0	20	80	0	100	463000	5749750	Y	rooty, dry, deadfall; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131947	11+200	B	grey	0	40	60	0	100	463200	5749750	Y	dry fine soil, grey boulders; 10" deep
12-Nov-10	GEO-MINERALS	Newton North	131948	11+400	B	brown	0	20	80	0	100	463400	5749750	Y	gully, cutblock, dry fine soil, 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131949	11+600	B	gr brown	0	30	70	0	100	463600	5749750	N	cutblock, dry soil, rooty; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	131950	11+800	B	grey	0	20	80	0	100	463800	5749750	Y	dry fine soil, cutblock, boulders; 10" deep
12-Nov-10	GEO-MINERALS	Newton North	132001	12+000	B	grey	0	40	60	0	100	464000	5749750	N	cutblock, dry soil; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	132002	12+200	B	Gr Brown	0	40	60	0	100	464200	5749750	Y	cutblock, dry soil, boulders; 8" deep
12-Nov-10	GEO-MINERALS	Newton North	132003	12+400	B	Brown	0	20	40	40	100	464400	5749750	N	deadfall, moist soil, few pebbles; 10"
12-Nov-10	GEO-MINERALS	Newton North	132004	12+600	B	Grey	0	50	50	0	100	464600	5749750	N	cutblock, dry soil, little rock; 80" deep

12-Nov-10	GEO-MINERALS	Newton North	132005	12+800	B	Gr Brown	0	30	70	0	100	464800	5749750	N	cutblock, dry fine soil, few rocks; 10" deep
13-Nov-10	GEO-MINERALS	Newton North	132006	13+000	B	Lt Brown	0	20	80	0	100	465000	5749750	N	cutblock regen; 7" deep
13-Nov-10	GEO-MINERALS	Newton North	132007	13+200	B	Lt Brown	0	30	70	0	100	465200	5749750	N	cutblock , regen; 6" deep
13-Nov-10	GEO-MINERALS	Newton North	132008	13+400	B	Lt Brown	0	50	50	0	100	465400	5749750	N	hard ground, cutblock, regen; 6" deep
13-Nov-10	GEO-MINERALS	Newton North	132009	13+600	B	Gr Brown	0	20	70	10	100	465600	5749750	N	treed; 7" deep
13-Nov-10	GEO-MINERALS	Newton North	132010	13+800	B	brown	0	20	80	0	100	465800	5749750	N	treed; 7" deep
13-Nov-10	GEO-MINERALS	Newton North	132011	14+000	B	dk brown	0	10	70	20	100	466000	5749750	N	treed; 9" deep
13-Nov-10	GEO-MINERALS	Newton North	132012	14+200	B	brown	0	20	80	0	100	466200	5749750	N	treed; 7" deep
13-Nov-10	GEO-MINERALS	Newton North	132013	14+400	B	Lt Brown	0	20	80	0	100	466400	5749750	N	cutblock, regen 7" deep
13-Nov-10	GEO-MINERALS	Newton North	132014	14+600	B	Gr Brown	0	40	60	0	100	466600	5749750	N	cutblock, regen, rocky; 6" deep
13-Nov-10	GEO-MINERALS	Newton North	132015	14+800	B	brown	0	20	80	0	100	466800	5749750	N	cutblock, regen, rocky; 8" deep
13-Nov-10	GEO-MINERALS	Newton North	132016	15+000	B	brown	0	30	70	0	100	467000	5749750	N	cutblock, regen, rocky; 7" deep
13-Nov-10	GEO-MINERALS	Newton North	132017	15+200	B	Gr Brown	0	40	60	0	100	467200	5749750	N	cutblock, regen, rocky; 6" deep
13-Nov-10	GEO-MINERALS	Newton North	132018	15+400	B	Gr Brown	0	40	60	0	100	467400	5749750	N	cutblock, regen, rocky; 6" deep
13-Nov-10	GEO-MINERALS	Newton North	132019	15+600	B	Gr Brown	0	40	60	0	100	467600	5749750	N	cutblock, regen, rocky; 6" deep
13-Nov-10	GEO-MINERALS	Newton North	132020	15+800	B	Gr Brown	0	40	60	0	100	467800	5749750	N	cutblock, regen, rocky; 6" deep
13-Nov-10	GEO-MINERALS	Newton North	132021	16+000	B	brown	0	30	70	0	100	468000	5749750	N	cutblock, regen, rocky; 8" deep
13-Nov-10	GEO-MINERALS	Newton North	132022	16+200	B	dk brown	0	0	90	10	100	468200	5749750	N	Big Boulders; 12" deep
13-Nov-10	GEO-MINERALS	Newton North	132023	16+400	B	brown	0	10	90	0	100	468400	5749750	N	Treed, Rocky; 10" deep
13-Nov-10	GEO-MINERALS	Newton North	132024	16+600	B	Gr Brown	0	30	70	0	100	468600	5749750	N	edge of cutblock; 8" deep
11-Nov-10	GEO-MINERALS	Newton North	131951	21+00	B	brown	0	50	40	10	100	453900	5748700	N	Cutblock; 9" deep
11-Nov-10	GEO-MINERALS	Newton North	131952	23+00	B	brown	0	20	70	10	100	454100	5748700	N	Cutblock, Regen; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131953	25+00	B	brown	0	20	70	10	100	454300	5748700	N	cutblock; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131954	27+00	B	brown	0	30	70	0	100	454500	5748700	N	cutblock, regen; 12" deep
11-Nov-10	GEO-MINERALS	Newton North	131955	29+00	B	dk brown	0	10	80	10	100	454700	5748700	N	treed, blowdown; 12" deep
11-Nov-10	GEO-MINERALS	Newton North	131956	31+00	B	Gr Brown	0	20	80	0	100	454900	5748700	N	rocky, treed; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131957	33+00	B	brown	0	30	70	0	100	455100	5748700	N	rocky, treed, 12" deep
11-Nov-10	GEO-MINERALS	Newton North	131958	35+00	B	brown	0	10	75	15	100	455300	5748700	N	edge of cutblock; 6" deep
11-Nov-10	GEO-MINERALS	Newton North	131959	37+00	B	Lt Brown	0	30	70	0	100	455500	5748700	N	treed; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131960	39+00	B	Lt Brown	0	20	70	10	100	455700	5748700	N	rocky, treed; 10 " deep
11-Nov-10	GEO-MINERALS	Newton North	131961	41+00	B	brown	0	10	70	20	100	455900	5748700	N	Treed, Rocky; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131962	43+00	B	brown	0	10	80	10	100	456100	5748700	N	cutblock, regen, rocky; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131963	45+00	B	brown	0	30	70	0	100	456300	5748700	N	cutblock, regen, rocky; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131964	47+00	B	Lt Brown	0	30	70	0	100	456500	5748700	N	cutblock, regen, rocky; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131965	49+00	B	Lt Brown	0	20	70	10	100	456700	5748700	N	Treed, Rocky; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131966	51+00	B	brown	0	20	60	20	100	456900	5748700	N	Treed, Rocky; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131967	53+00	B	brown	0	15	70	15	100	457100	5748700	N	Treed, Rocky; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131968	55+00	B	brown	0	30	70	0	100	457300	5748700	N	treed, rocky underground; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131969	57+00	B	brown	0	10	80	10	100	457500	5748700	N	cutblock, regen; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131970	59+00	B	Lt Brown	0	20	70	10	100	457700	5748700	N	cutblock, regen; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131971	61+00	B	gr brown	0	30	70	0	100	457900	5748700	N	cutblock, regen; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131972	63+00	B	Lt Brown	0	10	90	0	100	458100	5748700	N	pineflats; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131973	65+00	B	Gr Brown	0	20	70	10	100	458300	5748700	N	pineflats; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131974	67+00	B	Lt Brown	0	20	80	0	100	458500	5748700	N	pineflats; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131975	69+00	B	Gr Brown	0	40	60	0	100	458700	5748700	N	dry fine soil, few rocks; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131976	71+00	B	Gr Brown	0	30	70	0	100	458900	5748700	N	dry fine soil, no rocks; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131977	73+00	B	brown	0	0	70	30	100	459100	5748700	N	cutblock, moist, few pebbles; 8" deep
11-Nov-10	GEO-MINERALS	Newton North	131978	75+00	B	grey	0	0	70	30	100	459300	5748700	N	cutblock, big rocks, dry soil; 6" deep
11-Nov-10	GEO-MINERALS	Newton North	131979	77+00	B	brown	0	20	80	0	100	459500	5748700	Y	grey boulders, dry soil, few rocks; 8" deep
11-Nov-10	GEO-MINERALS	Newton North	131980	79+00	B	Gr Brown	0	20	80	0	100	459700	5748700	Y	grey boulders, dry soil, few rocks, cutblock; 6" deep
11-Nov-10	GEO-MINERALS	Newton North	131981	81+00	B	Gr Brown	0	20	80	0	100	459900	5748700	Y	grey boulders, fine dry soil; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131982	83+00	B	brown	0	30	70	0	100	460100	5748700	Y	grey boulders, cutblock, dry, few pebs; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131983	85+00	B	Gr Brown	0	30	70	0	100	460300	5748700	Y	grey boulders, dry soil, rocky, cutblock; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131984	87+00	B	Lt Brown	0	30	70	0	100	460500	5748700	Y	edge of cutblock, no rocks, dry soil; 8" deep
11-Nov-10	GEO-MINERALS	Newton North	131985	89+00	B	grey	0	20	80	0	100	460700	5748700	Y	boulders, cutblock, dry fine soil, few small rocks, 8" deep
11-Nov-10	GEO-MINERALS	Newton North	131986	91+00	B	grey	0	20	80	0	100	460900	5748700	N	cutblock, dry fine soil, 8" deep
11-Nov-10	GEO-MINERALS	Newton North	131987	93+00	B	grey	0	20	80	0	100	461100	5748700	N	deadfall, treed, dry fine soil; 8" deep
11-Nov-10	GEO-MINERALS	Newton North	131988	95+00	B	grey	0	20	80	0	100	461300	5748700	N	cutblock, dry fine soil; 8" deep
11-Nov-10	GEO-MINERALS	Newton North	131989	97+00	B	Gr Brown	0	20	80	0	100	461500	5748700	N	cutblock, dry fine soil, rooty, 8" deep

11-Nov-10	GEO-MINERALS	Newton North	131990	99+00	B	grey	0	20	80	0	100	461700	5748700	N	cutblock, not many rocks, dry fine soil, 6" deep
11-Nov-10	GEO-MINERALS	Newton North	131991	10+100	B	grey	0	30	30	40	100	461900	5748700	N	edge of cutblock, lots of rocks, moist soil, rooty; 10" deep
11-Nov-10	GEO-MINERALS	Newton North	131992	10+300	B	Gr Brown	0	20	80	0	100	462100	5748700	N	deadfall, fine, dry soil, few rocks, 6" deep
11-Nov-10	GEO-MINERALS	Newton North	131993	10+500	B	brown	0	30	50	20	100	462300	5748700	N	deadfall, moist, not many rocks, rooty; 8" deep
11-Nov-10	GEO-MINERALS	Newton North	131994	10+700	B	grey	0	20	80	0	100	462500	5748700	N	cutblock, dry soil, little veg, few small rocks; 8" deep
11-Nov-10	GEO-MINERALS	Newton North	131995	10+900	B	grey	0	20	80	0	100	462700	5748700	N	dry fine soil, cutblock, flat ground; 8" deep
11-Nov-10	GEO-MINERALS	Newton North	131996	11+100	B	grey	0	20	80	0	100	462900	5748700	N	dry fine soil, not many rocks; 6" deep
11-Nov-10	GEO-MINERALS	Newton North	131997	11+300	B	brown	0	0	80	20	100	463100	5748700	N	moist fine soil, flat, little veg; 8" deep
11-Nov-10	GEO-MINERALS	Newton North	131998	11+500	B	grey	0	20	80	0	100	463300	5748700	N	dry fine soil, little veg, rooty; 8" deep
11-Nov-10	GEO-MINERALS	Newton North	131999	11+700	B	grey	0	20	80	0	100	463500	5748700	N	deadfall dry fine soil, not many rocks; 10" deep
13-Nov-10	GEO-MINERALS	Newton North	132000	11+900	B	grey	0	40	60	0	100	463700	5748700	N	cutblock, rock, dry soil, little veg; 8" deep
13-Nov-10	GEO-MINERALS	Newton North	132025	12+100	B	grey	0	30	70	0	100	463900	5748700	N	cutblock, little veg, dry soil, few rocks; 6" deep
13-Nov-10	GEO-MINERALS	Newton North	132026	12+300	B	brown	0	40	60	0	100	464100	5748700	N	cutblock, dry soil, little veg, not many rocks; 8" deep
13-Nov-10	GEO-MINERALS	Newton North	132027	12+500	B	Lt Brown	0	30	70	0	100	464300	5748700	N	cutblock, rooty, dry soil, not many rocks; 8" deep
13-Nov-10	GEO-MINERALS	Newton North	132028	12+700	B	grey	0	20	80	0	100	464500	5748700	N	cutblock, dry fine soil, few rocks, little veg; 6" deep
13-Nov-10	GEO-MINERALS	Newton North	132029	12+900	B	brown	0	40	60	0	100	464700	5748700	N	cutblock, dry soil, few rocks, little veg, 8" deep
13-Nov-10	GEO-MINERALS	Newton North	132030	13+100	B	grey	0	50	50	0	100	464900	5748700	N	rocky, edge of cutblock, dry soil, little veg; 6" deep
13-Nov-10	GEO-MINERALS	Newton North	132031	13+300	B	brown	0	20	60	20	100	465100	5748700	N	moist soil, deadfall, not many rocks; 10" deep
13-Nov-10	GEO-MINERALS	Newton North	132032	13+500	B	gr brown	0	30	70	0	100	465300	5748700	N	cutblock, dry fine soil, few rocks, 8" deep

APPENDIX III: ACME METHODOLOGY

METHOD SPECIFICATIONS

GROUP 1D AND 1F – GEOCHEMICAL AQUA REGIA DIGESTION

Package Codes:	1D01 to 1D03, 1DX1 to 1DX3, 1F01 to 1F07
Sample Digestion:	HNO ₃ -HCl acid digestion
Instrumentation Method:	ICP-ES (1D), ICP-MS (1DX, 1F)
Applicability:	Sediment, Soil, Non-mineralized Rock and Drill Core

Method Description:

Prepared sample is digested with a modified Aqua Regia solution of equal parts concentrated HCl, HNO₃ and DI H₂O for one hour in a heating block of hot water bath. Sample is made up to volume with dilute HCl. Sample splits of 0.5g, 15g or 30g can be analyzed.

Element	Group 1D Detection	Group 1DX Detection	Group 1F Detection	Upper Limit
Ag	0.3 ppm	0.1 ppm	2 ppb	100 ppm
Al*	0.01%	0.01%	0.01%	10%
As	2 ppm	0.5 ppm	0.1 ppm	10000 ppm
Au	2 ppm	0.5 ppb	0.2 ppb	100 ppm
B*^	20 ppm	20 ppm	20 ppm	2000 ppm
Ba*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Bi	3 ppm	0.1 ppm	0.02 ppm	2000 ppm
Ca*	0.01%	0.01%	0.01%	40%
Cd	0.5 ppm	0.1 ppm	0.01 ppm	2000 ppm
Co	1 ppm	0.1 ppm	0.1 ppm	2000 ppm
Cr*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Cu	1 ppm	0.1 ppm	0.01 ppm	10000 ppm
Fe*	0.01%	0.01%	0.01%	40%
Ga*	-	1 ppm	0.1 ppm	1000 ppm
Hg	1 ppm	0.01 ppm	5 ppb	50 ppm
K*	0.01%	0.01%	0.01%	10%
La*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Mg*	0.01%	0.01%	0.01%	30%
Mn*	2 ppm	1 ppm	1 ppm	10000 ppm
Mo	1 ppm	0.1 ppm	0.01 ppm	2000 ppm
Na*	0.01%	0.001%	0.001%	5%
Ni	1 ppm	0.1 ppm	0.1 ppm	10000 ppm
P*	0.001%	0.001%	0.001%	5%
Pb	3 ppm	0.1 ppm	0.01 ppm	10000 ppm
S	0.05%	0.05%	0.02%	10%

Element	Group 1D Detection	Group 1DX Detection	Group 1F Detection	Upper Limit
Sb	3 ppm	0.1 ppm	0.02 ppm	2000 ppm
Sc	-	0.1 ppm	0.1 ppm	100 ppm
Se	-	0.5 ppm	0.1 ppm	100 ppm
Sr*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Te	-	0.2 ppm	0.02 ppm	1000 ppm
Th*	2 ppm	0.1 ppm	0.1 ppm	2000 ppm
Ti*	0.01%	0.001%	0.001%	5%
Tl	5 ppm	0.1 ppm	0.02 ppm	1000 ppm
U*	8 ppm	0.1 ppm	0.05 ppm	2000 ppm
V*	1 ppm	2 ppm	2 ppm	10000 ppm
W*	2 ppm	0.1 ppm	0.05 ppm	100 ppm
Zn	1 ppm	1 ppm	0.1 ppm	10000 ppm
Be*	-	-	0.1 ppm	1000 ppm
Ce*	-	-	0.1 ppm	2000 ppm
Cs*	-	-	0.02 ppm	2000 ppm
Ge*	-	-	0.1 ppm	100 ppm
Hf*	-	-	0.02 ppm	1000 ppm
In	-	-	0.02 ppm	1000 ppm
Li*	-	-	0.1 ppm	2000 ppm
Nb*	-	-	0.02 ppm	2000 ppm
Rb*	-	-	0.1 ppm	2000 ppm
Re	-	-	1 ppb	1000 ppb
Sn*	-	-	0.1 ppm	100 ppm
Ta*	-	-	0.05 ppm	2000 ppm
Y*	-	-	0.01 ppm	2000 ppm
Zr*	-	-	0.1 ppm	2000 ppm
Pt*	-	-	2 ppb	100 ppm
Pd*	-	-	10 ppb	100 ppm
Pb ₂₀₄	-	-	0.01 ppm	10000 ppm
Pb ₂₀₆	-	-	0.01 ppm	10000 ppm
Pb ₂₀₇	-	-	0.01 ppm	10000 ppm
Pb ₂₀₈	-	-	0.01 ppm	10000 ppm

* Solubility of some elements will be limited by mineral species present.

^Detection limit = 1 ppm for 15g / 30g analysis.

Limitations:

Au solubility can be limited by refractory and graphitic samples.

APPENDIX IV: ACME ASSAY DATA

ACME ANALYTICAL LABORATORIES LTD.		Final Report																																	
Client:	UTM Exploration Services Ltd.																																		
File Created:	15-Dec-10																																		
Job Number:	SMI10000867																																		
Number of Samples:	15																																		
Project:	Chilcotin																																		
Shipment ID:																																			
P.O. Number:	CHI-05																																		
Received:	30-Nov-10																																		
	Method	WGHT	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Sc	Ga	
	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	
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	2	2	1	0.5	3	3	1	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	5	5	
Sample	Type																																		
131501	Rock	1.43	<1	41	<3	45	<0.3	4	5	280	1.32	<2	<2	<2	173	<0.5	<3	<3	37	0.65	0.033	3	5	0.51	60	0.034	<20	1.19	0.11	0.1	<2	<0.05	<5	<5	
131502	Rock	1.22	<1	29	<3	67	<0.3	6	10	607	2.87	4	<2	<2	262	<0.5	<3	<3	58	1.02	0.072	3	8	1.09	53	0.181	<20	1.66	0.07	0.06	<2	0.07	<5	7	
131503	Rock	1.14	<1	7	<3	83	<0.3	16	19	1078	4.23	3	<2	<2	115	0.6	<3	<3	160	2.43	0.102	4	27	1.53	71	0.243	<20	2.92	0.23	0.05	<2	<0.05	11	12	
131504	Rock	1.45	<1	37	<3	74	<0.3	113	34	730	4.97	<2	<2	<2	62	<0.5	<3	<3	15	0.84	0.089	8	14	2.71	14	0.05	<20	1.18	0.26	0.04	<2	<0.05	<5	<5	
131505	Rock	0.93	<1	27	<3	86	<0.3	4	15	852	4.45	13	<2	<2	43	0.5	<3	<3	118	1.56	0.165	<1	6	1.37	58	0.217	<20	2.53	0.16	0.16	<2	<0.05	10	12	
131506	Rock	1.28	<1	2	<3	38	<0.3	1	4	487	1.62	<2	<2	3	15	<0.5	<3	<3	25	0.32	0.034	7	3	0.5	94	0.091	<20	1.02	0.08	0.51	<2	<0.05	<5	<5	
131507	Rock	1.03	<1	35	<3	57	<0.3	24	9	419	2.22	<2	<2	2	91	<0.5	<3	<3	78	0.92	0.11	19	22	0.66	89	0.195	<20	1.47	0.24	0.26	<2	<0.05	<5	5	
131508	Rock	0.89	<1	7	<3	66	<0.3	2	8	511	3.33	5	<2	<2	66	<0.5	<3	<3	55	1.49	0.073	4	6	0.8	47	0.136	<20	2.09	0.15	0.28	<2	<0.05	6	10	
131509	Rock	1.22	<1	4	14	40	<0.3	11	8	339	1.91	9	<2	11	29	<0.5	<3	<3	4	0.28	0.047	28	6	0.09	105	0.002	<20	0.38	0.03	0.28	<2	<0.05	5	<5	
131510	Rock	0.86	<1	89	15	100	<0.3	36	18	858	4.07	<2	<2	11	16	<0.5	<3	<3	31	0.61	0.062	33	18	1.12	80	0.235	<20	1.64	0.01	0.3	<2	<0.05	<5	9	
131515	Rock	1.2	<1	9	6	82	<0.3	47	16	592	3.46	4	<2	5	47	<0.5	<3	<3	98	1.14	0.062	19	68	1.3	79	0.209	<20	2.28	0.02	0.14	<2	<0.05	10	9	
131516	Rock	1.26	<1	25	4	49	<0.3	8	8	318	2.01	5	<2	<2	272	<0.5	<3	<3	50	1.66	0.051	7	7	0.94	145	0.158	<20	2.68	0.12	0.12	<2	<0.05	5	9	
131517	Rock	0.97	<1	24	4	38	<0.3	8	7	564	1.73	5	<2	<2	385	<0.5	<3	<3	43	5.1	0.055	6	8	0.83	181	0.113	<20	4.9	0.2	0.12	<2	<0.05	<5	8	
131518	Rock	0.92	<1	20	<3	26	<0.3	10	5	958	1.72	116	<2	<2	149	<0.5	<3	<3	64	10.59	0.027	5	13	0.25	2947	0.006	<20	1.08	<0.01	0.02	<2	0.12	<5	<5	
131519	Rock	1.25	<1	34	<3	74	<0.3	169	37	550	5.19	<2	<2	<2	122	<0.5	<3	<3	21	1.34	0.071	6	34	3.89	24	0.096	<20	2.92	0.39	0.03	<2	<0.05	<5	8	
Pulp Duplicates																																			
131508	Rock	0.89	<1	7	<3	66	<0.3	2	8	511	3.33	5	<2	<2	66	<0.5	<3	<3	55	1.49	0.073	4	6	0.8	47	0.136	<20	2.09	0.15	0.28	<2	<0.05	6	10	
131508	REP		<1	7	<3	64	<0.3	2	8	511	3.26	6	<2	<2	67	<0.5	<3	<3	55	1.5	0.072	4	5	0.78	46	0.141	<20	2.1	0.15	0.27	<2	<0.05	6	8	
Preparation Duplicates																																			
131510	Rock	0.86	<1	89	15	100	<0.3	36	18	858	4.07	<2	<2	11	16	<0.5	<3	<3	31	0.61	0.062	33	18	1.12	80	0.235	<20	1.64	0.01	0.3	<2	<0.05	<5	9	
131510	DUP		<1	99	14	101	<0.3	36	19	855	4.08	<2	<2	11	14	<0.5	<3	<3	30	0.51	0.059	33	18	1.14	85	0.216	<20	1.68	<0.01	0.31	<2	<0.05	<5	8	
Reference Materials																																			
STD DS7	STD		20	95	62	387	0.8	50	8	591	2.25	45	<2	4	72	5.8	4	5	79	0.93	0.072	12	179	1	390	0.115	30	0.99	0.09	0.44	3	0.2	<5	5	
STD OREAS45PA	STD		3	622	16	115	<0.3	307	110	1080	16.98	<2	<2	6	14	<0.5	<3	<3	215	0.24	0.035	17	849	0.11	184	0.145	<20	3.69	<0.01	0.08	<2	<0.05	52	17	
STD DS8	STD		13	104	122	314	1.5	37	7	609	2.43	26	<2	6	65	2.2	5	6	41	0.72	0.077	16	115	0.6	294	0.114	<20	0.91	0.09	0.41	3	0.17	<5	7	
BLK	BLK		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<5	<5	
Prep Wash																																			
G1	Prep Blank		<1	1	<3	47	<0.3	3	3	556	1.94	<2	<2	5	62	<0.5	<3	<3	37	0.5	0.077	10	5	0.54	204	0.122	<20	0.94	0.07	0.47	<2	<0.05	<5	6	
G1	Prep Blank		<1	1	3	47	<0.3	3	3	557	1.94	<2	<2	5	57	<0.5	<3	<3	37	0.51	0.076	10	6	0.56	197	0.125	<20	0.95	0.07	0.47	<2	<0.05	<5	6	

132091	Soil	0.5	11.2	4.1	61	<0.1	23.3	9.2	346	2.44	1.8	0.2	0.9	1	29	<0.1	0.2	<0.1	54	0.31	0.036	5	35	0.38	110	0.111	<20	1.41	0.015	0.14	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	0.2
132092	Soil	0.4	21.2	4.1	56	<0.1	35.2	11.8	413	2.95	3.1	0.3	1.9	1	45	<0.1	0.2	<0.1	63	0.37	0.045	6	45	0.48	123	0.097	<20	1.88	0.022	0.08	<0.1	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
132094	Soil	0.5	21	4.6	73	<0.1	47.2	13.4	458	3.07	3.6	0.3	0.9	1	45	<0.1	0.2	<0.1	56	0.58	0.031	6	62	0.71	112	0.114	<20	1.93	0.025	0.08	<0.1	0.03	4.9	<0.1	<0.05	6	<0.5	<0.2
132095	Soil	0.3	10.8	4.2	65	<0.1	42.5	9.4	406	2.17	1.2	0.3	1.1	0.6	30	<0.1	0.2	<0.1	46	0.41	0.023	3	59	0.53	102	0.117	<20	1.56	0.023	0.04	<0.1	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
132096	Soil	0.5	14.9	3.9	70	<0.1	29.3	9.6	266	2.43	2.9	0.2	<0.5	0.7	33	<0.1	0.1	<0.1	49	0.29	0.058	4	33	0.37	111	0.102	<20	1.95	0.017	0.05	<0.1	0.01	2.6	<0.1	<0.05	6	<0.5	0.2
132097	Soil	0.3	20.8	3.7	35	<0.1	22.9	6.3	158	2.16	3.7	2.6	2.2	0.7	65	<0.1	0.2	<0.1	54	0.66	0.042	5	41	0.53	119	0.088	<20	1.78	0.037	0.03	<0.1	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2
132098	Soil	0.4	18.9	3.4	80	<0.1	37.1	10.6	254	2.92	2.2	0.2	<0.5	0.7	42	<0.1	0.1	<0.1	51	0.37	0.042	4	36	0.55	130	0.118	<20	2.01	0.025	0.06	<0.1	0.01	3.1	<0.1	<0.05	6	<0.5	<0.2
132099	Soil	0.4	21.5	6.6	68	<0.1	18.1	10.5	570	2.4	7.1	0.7	<0.5	2.1	100	0.1	0.1	0.1	47	0.41	0.037	12	24	0.52	256	0.042	<20	2.1	0.011	0.14	<0.1	0.01	3.8	<0.1	<0.05	7	<0.5	0.2
132100	Soil	0.5	10.3	4.1	128	<0.1	20.8	8.6	630	2.52	1.2	0.2	<0.5	0.9	40	0.1	0.1	0.1	54	0.38	0.058	5	29	0.36	194	0.096	<20	2.03	0.018	0.16	<0.1	<0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
132101	Soil	0.4	10.8	4.4	100	<0.1	17.7	9.4	320	2.49	1.9	0.3	1.2	1	41	<0.1	0.1	<0.1	59	0.43	0.037	6	32	0.4	132	0.098	<20	1.97	0.021	0.09	<0.1	0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
132103	Soil	0.4	13.7	3.7	53	<0.1	13.5	9.5	387	2.12	1.9	0.3	2.9	0.7	53	<0.1	0.1	<0.1	50	0.38	0.027	5	28	0.33	129	0.125	<20	1.33	0.029	0.18	<0.1	0.01	3.6	<0.1	<0.05	4	<0.5	<0.2
132104	Soil	0.8	30.1	4.8	55	<0.1	16.8	11.8	586	2.35	5.5	0.3	<0.5	0.8	129	0.2	0.1	0.1	50	0.6	0.052	8	20	0.53	334	0.057	<20	2.39	0.042	0.28	<0.1	0.01	4.7	<0.1	<0.05	6	<0.5	<0.2
132105	Soil	0.6	23.3	5.5	84	0.1	29	13.3	661	2.98	3.6	0.4	<0.5	1.1	60	0.3	0.2	0.1	64	0.47	0.035	9	38	0.42	223	0.069	<20	2.01	0.022	0.21	<0.1	0.02	5	<0.1	<0.05	6	0.6	<0.2
132106	Soil	0.7	21.2	6.4	70	<0.1	24.3	13	492	2.76	4.8	0.4	1.1	1.8	57	0.2	0.4	0.1	62	0.43	0.023	10	39	0.43	194	0.073	<20	1.58	0.016	0.21	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
132107	Soil	0.7	16.9	6.5	95	<0.1	21.9	9.6	587	2.5	3.2	0.5	1.2	1.7	59	0.2	0.3	0.1	56	0.42	0.036	9	35	0.34	272	0.091	<20	1.49	0.017	0.15	<0.1	0.01	3.6	<0.1	<0.05	5	<0.5	<0.2
132108	Soil	0.4	12.7	5.1	76	<0.1	20.9	9.1	352	2.22	1.7	0.3	2.2	1.4	40	0.1	0.2	0.1	53	0.38	0.027	8	33	0.39	137	0.12	<20	1.42	0.021	0.13	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
132109	Soil	1	66.7	9.8	69	<0.1	28.5	13.1	375	3.07	9	0.8	1	2.4	235	0.2	0.3	0.2	44	0.76	0.033	16	21	0.47	407	0.002	<20	2.55	0.015	0.24	<0.1	0.01	5.3	<0.1	<0.05	6	0.7	<0.2
132110	Soil	0.5	18.5	4.5	60	<0.1	26.3	13.4	418	2.71	2.9	0.3	0.9	1.3	44	<0.1	0.2	0.1	60	0.41	0.028	8	27	0.47	150	0.122	<20	1.52	0.026	0.19	<0.1	0.01	3.9	<0.1	<0.05	5	<0.5	<0.2
132111	Soil	0.4	13.8	6.4	83	<0.1	29.5	7.5	323	2.13	0.9	0.4	0.7	2	25	<0.1	0.2	0.1	42	0.29	0.05	9	36	0.5	106	0.13	<20	1.6	0.018	0.14	<0.1	<0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
132112	Soil	0.4	17.8	4.1	58	<0.1	28.8	10.8	299	2.68	2.3	0.2	1.1	1.3	39	<0.1	0.2	<0.1	62	0.34	0.032	6	43	0.41	123	0.133	<20	1.71	0.02	0.11	<0.1	<0.01	3.6	<0.1	<0.05	5	0.6	<0.2
132113	Soil	0.5	18.4	3.8	83	<0.1	55.2	13.2	414	3.11	2.7	0.2	2.1	0.6	30	<0.1	0.3	<0.1	62	0.36	0.085	4	51	0.61	114	0.127	<20	2.42	0.024	0.11	<0.1	0.02	3	<0.1	<0.05	7	<0.5	<0.2
132114	Soil	0.4	22	4.5	73	<0.1	27.4	12.5	617	2.67	2.9	0.3	1.5	1.1	45	<0.1	0.2	<0.1	55	0.54	0.041	7	40	0.46	152	0.101	<20	1.83	0.024	0.12	<0.1	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2
132115	Soil	0.4	15.9	3.5	54	<0.1	27.8	9.8	419	2.63	2.9	0.5	51.6	0.7	49	<0.1	0.2	<0.1	52	0.71	0.033	5	49	0.46	96	0.124	<20	1.85	0.033	0.09	<0.1	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2
132116	Soil	0.3	12.4	4	59	<0.1	52.8	10.9	311	2.33	1.9	0.2	4.2	0.8	29	<0.1	0.2	<0.1	53	0.34	0.032	4	70	0.65	93	0.139	<20	1.55	0.02	0.06	<0.1	0.01	3	<0.1	<0.05	5	<0.5	<0.2
132117	Soil	0.3	13.2	4	107	<0.1	108.3	12.1	395	2.41	0.8	0.2	<0.5	0.6	30	<0.1	0.1	<0.1	44	0.39	0.033	3	60	0.76	105	0.119	<20	1.82	0.028	0.06	<0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
132118	Soil	0.6	18.3	4	50	<0.1	30.8	13.2	535	3.55	4.8	0.7	0.9	0.8	56	<0.1	0.2	0.1	66	0.68	0.03	5	57	0.73	122	0.131	<20	2.61	0.03	0.08	<0.1	0.03	6	<0.1	<0.05	7	<0.5	<0.2
132119	Soil	0.6	15.8	3.3	87	<0.1	33.8	10.4	348	2.7	4.1	0.2	<0.5	0.6	45	<0.1	0.2	<0.1	57	0.44	0.084	3	34	0.41	118	0.1	<20	2.19	0.021	0.06	<0.1	0.03	2.4	<0.1	<0.05	6	<0.5	<0.2
132120	Soil	0.4	25.1	3.3	49	<0.1	28.8	8.7	359	2.7	3.4	0.4	1.8	0.8	56	<0.1	0.2	<0.1	51	0.63	0.026	6	42	0.57	114	0.113	<20	1.77	0.06	0.05	<0.1	0.03	4.3	<0.1	<0.05	5	<0.5	0.3
132123	Soil	0.3	24.3	5.3	49	<0.1	21.1	12.8	586	2.38	2.7	0.4	<0.5	1.3	79	<0.1	0.2	0.1	54	0.43	0.029	9	32	0.36	216	0.083	<20	1.41	0.02	0.2	<0.1	<0.01	4	<0.1	<0.05	4	<0.5	<0.2
132124	Soil	0.5	14.2	4	62	<0.1	26	11.7	435	2.58	1.7	0.5	1	1.2	39	<0.1	0.2	<0.1	58	0.36	0.045	6	40	0.48	128	0.139	<20	1.28	0.025	0.14	<0.1	<0.01	3.4	<0.1	<0.05	4	<0.5	<0.2
132125	Soil	0.4	9.5	3.8	35	<0.1	18.6	7	447	1.63	1.2	0.2	<0.5	1	42	<0.1	0.1	<0.1	38	0.38	0.019	7	26	0.23	109	0.067	<20	0.92	0.013	0.1	<0.1	0.02	2.5	<0.1	<0.05	3	<0.5	<0.2
132126	Soil	0.4	17.9	3.7	39	<0.1	26.9	10.1	341	2.39	1.9	0.2	<0.5	1.1	40	<0.1	0.2	<0.1	50	0.4	0.03	5	39	0.32	116	0.113	<20	1.25	0.026	0.12	<0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
132127	Soil	0.6	13.1	4	91	<0.1	40.8	12.8	543	2.66	1.9	0.2	0.5	0.9	31	<0.1	0.2	<0.1	57	0.38	0.047	4	50	0.43	147	0.135	<20	1.96	0.021	0.11	<0.1	<0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
132128	Soil	0.4	21.8	3.3	96	0.1	27.2	12.9	1585	2.24	5.4	1.3	<0.5	0.7	150	0.2	0.3	0.1	65	2.75	0.166	7	28	0.75	130	0.094	<20	1.84	0.132	0.31	<0.1	<0.01	3.6	<0.1	<0.05	6	0.5	<0.2
132129	Soil	0.4	17.1	2.8	44	<0.1	28.2	10	293	2.63	3.3	0.2	6.3	0.7	38	<0.1	0.2	<0.1	56	0.36	0.035	4	42	0.32	75	0.129	<20	1.57	0.023	0.11	<0.1	0.01	3.1	<0.1	<0.05	5	<0.5	<0.2
132130	Soil	0.3	13.8	3	43	<0.1	43.6	11.3	207	2.66	3.2	0.2	1.8	0.7	33	<0.1	0.2	<0.1	62	0.28	0.025	3	54	0.48	93	0.122	<20	1.71	0.022	0.07	<0.1	<0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
132132	Soil	0.4	17	3.3	40	<0.1	28.4																															

STD DS7	STD	20.7	111.1	71.7	422	1	56.9	9.8	654	2.47	58.9	4.8	58	4.5	77	6.6	5.7	4.9	82	0.95	0.083	12	185	1.07	435	0.124	39	1.04	0.095	0.5	3.5	0.21	2.5	4.1	0.18	5	2.4	1.9
STD OREAS45PA	STD	0.9	584.1	18.8	113	0.3	274.2	104.4	1046	17.3	4.7	1.2	48.2	6.9	14	<0.1	0.2	0.2	198	0.22	0.034	16	748	0.11	184	0.133	<20	3.21	0.012	0.07	<0.1	0.02	40	<0.1	<0.05	16	<0.5	0.2
STD DS8	STD	14.4	119.1	134.5	326	1.9	39.7	7.9	640	2.58	29.4	3.2	97.2	8.3	72	2.4	6	7.6	42	0.7	0.086	15	119	0.6	326	0.118	<20	0.91	0.089	0.45	2.9	0.19	2.1	5.9	0.14	5	5.3	6.6
STD DS7	STD	22.2	102.1	68.4	390	1.1	50.8	9	610	2.3	51.9	4.5	57.9	4.4	76	6.2	5.5	4.6	77	0.91	0.079	13	175	1.03	414	0.118	39	1	0.099	0.48	3.4	0.19	2.3	4	0.16	5	2.5	1.3
STD OREAS45PA	STD	0.9	561.1	18.4	111	0.3	262.6	99.6	1005	16.62	4.7	1.1	47.7	6.6	14	<0.1	0.2	0.2	185	0.22	0.033	15	721	0.11	174	0.126	<20	3.26	0.013	0.07	<0.1	0.03	39.2	<0.1	<0.05	16	0.9	<0.2
STD DS8	STD	12.5	107.7	124.1	302	1.8	36.2	7.1	603	2.37	26.2	2.6	105.1	6.8	64	2.3	5.2	6.9	39	0.65	0.08	14	112	0.58	283	0.111	<20	0.86	0.086	0.42	2.5	0.18	2.2	5.3	0.14	5	4.8	4.5
STD DS7	STD	21.9	114	68.1	408	1.1	59	10.1	661	2.58	53.5	4.6	58.5	4.6	77	6.2	5.9	5.2	86	0.98	0.083	13	186	1.09	435	0.128	50	1	0.102	0.5	3.5	0.22	2.4	4.3	0.2	5	3.3	0.8
STD OREAS45PA	STD	1	620.1	18	112	0.3	289.3	109.6	1067	17.54	4.8	1.2	46.4	6.6	14	<0.1	0.2	0.2	219	0.23	0.034	15	793	0.1	193	0.132	<20	3.12	0.012	0.08	<0.1	0.03	42.1	<0.1	<0.05	17	0.6	0.2
STD DS8	STD	13.9	116.7	124.8	318	1.8	40.9	8.1	652	2.61	27.3	3	97.2	7.5	65	2.4	5.5	7.2	42	0.71	0.079	14	117	0.64	312	0.12	<20	0.95	0.092	0.43	2.9	0.19	2	5.4	0.12	5	5.7	4.8
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

131951	Soil	0.3	6.6	2.7	94	<0.1	17.6	7.1	516	1.77	1.1	0.1	<0.5	0.6	24	<0.1	<0.1	<0.1	45	0.41	0.028	3	19	0.32	121	0.118	<20	1.65	0.017	0.08	<0.1	0.01	3.1	<0.1	0.05	5	<0.5	<0.2
131952	Soil	0.4	10.9	2.9	54	<0.1	15.8	7.4	505	2.02	1.7	0.2	<0.5	0.6	25	0.1	0.1	<0.1	53	0.48	0.048	4	22	0.33	69	0.118	<20	1.6	0.014	0.12	<0.1	0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
131953	Soil	0.3	9.5	2.3	39	<0.1	13.3	6.8	209	1.95	1.7	0.2	<0.5	0.6	25	<0.1	0.1	<0.1	57	0.45	0.019	4	21	0.33	65	0.143	<20	1.58	0.012	0.07	<0.1	<0.01	4.2	<0.1	<0.05	4	<0.5	<0.2
131954	Soil	0.2	12.7	2.4	42	<0.1	19	7.8	233	2.39	2	0.2	<0.5	0.7	28	<0.1	0.2	<0.1	66	0.45	0.022	4	25	0.37	76	0.136	<20	1.63	0.017	0.06	<0.1	<0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
131955	Soil	0.3	9.8	2.4	43	<0.1	15.6	6.6	208	2	1.6	0.2	<0.5	0.7	29	<0.1	0.1	<0.1	55	0.43	0.019	4	23	0.32	70	0.145	<20	1.49	0.015	0.06	<0.1	0.01	4.1	<0.1	<0.05	4	<0.5	<0.2
131956	Soil	0.2	9.2	2	32	<0.1	14.3	6.4	167	1.81	1.3	0.2	<0.5	0.5	25	<0.1	0.1	<0.1	48	0.43	0.021	3	20	0.3	59	0.133	<20	1.48	0.016	0.05	<0.1	<0.01	3	<0.1	<0.05	4	<0.5	<0.2
131957	Soil	0.2	10.7	2.3	50	<0.1	15	6.6	317	1.63	1.6	0.2	<0.5	0.5	25	<0.1	0.1	<0.1	43	0.43	0.031	3	20	0.32	75	0.135	<20	1.82	0.012	0.06	<0.1	0.01	3.6	<0.1	<0.05	5	<0.5	<0.2
131958	Soil	0.2	9.4	2.5	44	<0.1	13.9	6.2	215	1.7	1.7	0.2	<0.5	0.6	26	<0.1	0.1	<0.1	48	0.43	0.023	3	20	0.33	68	0.136	<20	1.67	0.011	0.05	<0.1	<0.01	3.9	<0.1	<0.05	5	<0.5	<0.2
131959	Soil	0.2	8.5	2.6	49	<0.1	13.9	6.4	301	1.68	1.6	0.2	<0.5	0.6	24	<0.1	0.1	<0.1	49	0.45	0.018	3	19	0.34	77	0.143	<20	1.53	0.013	0.05	<0.1	<0.01	3.5	<0.1	<0.05	4	<0.5	<0.2
131960	Soil	0.3	8	2.1	39	<0.1	12.6	6.4	349	1.86	1.7	0.2	<0.5	0.5	24	0.1	0.1	<0.1	54	0.44	0.019	3	22	0.28	70	0.136	<20	1.51	0.013	0.07	<0.1	<0.01	3.5	<0.1	<0.05	4	<0.5	<0.2
131961	Soil	0.3	10	2.3	44	<0.1	16.4	7	219	2.14	2	0.2	<0.5	0.7	28	<0.1	0.1	0.1	61	0.45	0.015	4	27	0.34	74	0.161	<20	1.77	0.013	0.07	<0.1	<0.01	4.8	<0.1	<0.05	5	<0.5	<0.2
131962	Soil	0.3	12.2	2.5	55	<0.1	23.6	8.7	416	2.48	2	0.2	0.7	0.7	30	<0.1	0.2	<0.1	64	0.48	0.022	5	31	0.34	82	0.162	<20	1.95	0.018	0.09	<0.1	<0.01	5.4	<0.1	<0.05	5	<0.5	<0.2
131963	Soil	0.3	10	2.4	42	<0.1	16.6	7.7	281	2.25	1.6	0.2	0.7	0.8	27	<0.1	0.1	<0.1	60	0.45	0.016	4	26	0.32	75	0.151	<20	1.56	0.015	0.06	<0.1	<0.01	4.4	<0.1	<0.05	4	<0.5	<0.2
131964	Soil	0.3	7.9	2.4	56	<0.1	15.7	7.3	333	2.02	1.6	0.2	<0.5	0.7	28	<0.1	0.1	<0.1	58	0.45	0.02	4	22	0.33	93	0.138	<20	1.85	0.013	0.06	<0.1	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
131965	Soil	0.3	8.3	2.5	37	<0.1	13	6.1	229	1.91	1.6	0.2	<0.5	0.7	25	<0.1	0.2	<0.1	57	0.43	0.011	4	22	0.28	71	0.152	<20	1.44	0.015	0.05	<0.1	<0.01	3.7	<0.1	<0.05	4	<0.5	<0.2
131966	Soil	0.5	8.6	2.7	55	<0.1	15.9	6.6	214	1.6	1.2	0.2	<0.5	0.8	25	<0.1	0.1	<0.1	46	0.44	0.024	4	20	0.33	84	0.138	<20	1.71	0.013	0.05	<0.1	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
131967	Soil	0.2	8.6	2.5	52	<0.1	14.2	7	285	2.04	1.5	0.2	<0.5	0.7	30	<0.1	0.1	<0.1	60	0.47	0.015	4	22	0.34	96	0.141	<20	1.66	0.014	0.05	<0.1	<0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
131968	Soil	0.4	17.4	3.4	92	<0.1	23.1	9.9	633	2.65	3	0.2	0.5	0.8	39	<0.1	0.2	<0.1	66	0.39	0.041	5	27	0.46	195	0.128	<20	2.72	0.014	0.07	<0.1	0.01	4.4	<0.1	<0.05	6	<0.5	<0.2
131969	Soil	0.3	12.6	3.6	54	<0.1	20.4	9.1	399	2.58	2.1	0.2	<0.5	1.3	33	<0.1	0.2	<0.1	63	0.47	0.025	7	32	0.35	93	0.161	<20	1.6	0.016	0.12	<0.1	0.01	4.8	<0.1	<0.05	5	<0.5	<0.2
131970	Soil	0.4	14	3.9	73	<0.1	24.5	9.8	600	2.63	1.9	0.3	8.5	1.1	39	<0.1	0.2	<0.1	62	0.53	0.028	7	32	0.38	108	0.179	<20	1.76	0.02	0.16	<0.1	0.02	5.1	<0.1	<0.05	5	<0.5	<0.2
131971	Soil	0.4	18.4	4.2	56	<0.1	25.9	11.4	567	2.82	2.1	0.3	<0.5	1.1	49	<0.1	0.2	<0.1	66	0.59	0.03	8	35	0.44	108	0.179	<20	1.83	0.03	0.17	<0.1	0.02	5.6	<0.1	<0.05	6	<0.5	<0.2
131972	Soil	0.3	12.3	4.1	64	<0.1	21.8	9.1	448	2.56	1.5	0.3	0.8	1	33	<0.1	0.2	<0.1	64	0.48	0.023	6	32	0.36	87	0.193	<20	1.64	0.022	0.14	<0.1	<0.01	4.9	<0.1	<0.05	5	<0.5	<0.2
131973	Soil	0.2	9.7	2.2	30	<0.1	13.9	6.8	192	2	1.1	0.2	<0.5	0.7	26	<0.1	0.1	<0.1	56	0.45	0.015	4	23	0.27	64	0.161	<20	1.36	0.018	0.05	<0.1	<0.01	3.6	<0.1	<0.05	4	<0.5	<0.2
131974	Soil	0.3	10	2.2	43	<0.1	18.7	7.3	228	2.14	1.1	0.2	<0.5	0.6	27	<0.1	0.1	<0.1	61	0.45	0.019	4	26	0.31	63	0.155	<20	1.71	0.018	0.05	<0.1	<0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
131975	Soil	0.3	12.1	2	46	<0.1	23.3	8.5	229	2.09	0.8	0.2	<0.5	0.6	28	<0.1	<0.1	<0.1	53	0.43	0.017	4	26	0.3	59	0.149	<20	1.57	0.02	0.05	<0.1	<0.01	3.5	<0.1	<0.05	4	<0.5	<0.2
131976	Soil	0.2	7.6	2.1	43	<0.1	16.9	6.4	201	1.73	0.7	0.2	<0.5	0.5	24	<0.1	0.1	<0.1	49	0.42	0.017	3	18	0.29	66	0.139	<20	1.49	0.015	0.04	<0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
131977	Soil	0.3	9.9	2.4	94	<0.1	21.5	8.2	304	1.91	0.8	0.2	<0.5	0.5	27	<0.1	<0.1	<0.1	44	0.37	0.03	3	19	0.32	125	0.127	<20	1.97	0.015	0.05	<0.1	<0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
131978	Soil	0.2	9.6	2.1	40	<0.1	18.2	7.3	230	1.92	1.3	0.2	<0.5	0.5	30	<0.1	<0.1	<0.1	53	0.41	0.02	3	21	0.31	79	0.14	<20	1.61	0.015	0.03	<0.1	<0.01	3	<0.1	<0.05	4	<0.5	<0.2
131979	Soil	0.2	8.5	2.4	48	<0.1	17.7	7.6	243	1.75	1	0.2	<0.5	0.7	22	<0.1	0.1	<0.1	44	0.39	0.024	3	22	0.3	61	0.135	<20	1.49	0.014	0.06	<0.1	<0.01	3.1	<0.1	<0.05	4	<0.5	<0.2
131980	Soil	0.3	13.7	2.8	44	<0.1	21.6	9.1	229	2.43	1.7	0.2	<0.5	0.9	34	<0.1	0.2	<0.1	63	0.45	0.025	5	33	0.34	78	0.189	<20	1.59	0.023	0.08	<0.1	0.03	4.7	<0.1	<0.05	5	<0.5	<0.2
131981	Soil	0.3	12	1.5	45	<0.1	27.8	10.1	199	2.33	<0.5	0.1	<0.5	0.5	23	<0.1	<0.1	<0.1	46	0.36	0.021	3	29	0.26	53	0.162	<20	1.53	0.025	0.06	<0.1	<0.01	3	<0.1	<0.05	4	<0.5	<0.2
131982	Soil	0.2	11.5	1.8	50	<0.1	29.2	9.4	162	2.19	<0.5	0.2	2.2	0.6	23	<0.1	<0.1	<0.1	43	0.36	0.018	4	27	0.3	68	0.15	<20	1.57	0.023	0.05	<0.1	<0.01	3.4	<0.1	<0.05	5	<0.5	<0.2
131983	Soil	0.3	8.1	2.8	37	<0.1	16.9	6.9	206	1.93	<0.5	0.2	0.5	0.6	25	<0.1	<0.1	<0.1	36	0.39	0.02	3	23	0.26	56	0.157	<20	1.39	0.026	0.05	<0.1	<0.01	2.6	<0.1	<0.05	4	<0.5	<0.2
131984	Soil	0.3	8.3	2.5	55	<0.1	22.4	8.1	327	2.09	0.8	0.2	<0.5	0.5	25	<0.1	<0.1	<0.1	51	0.37	0.027	3	26	0.29	85	0.132	<20	1.83	0.017	0.06	<0.1	<0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
131985	Soil	0.3	8.6	2.7	50	<0.1	20.4	8.1	309	2.14	1.3	0.2	<0.5	0.7	26	<0.1	0.1	0.1	56	0.41	0.018	4	26	0.3	73	0.161	<20	1.62	0.017	0.07	<0.1	<0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
131986	Soil	0.2	7.5	3	60	<0.1	17.6	6.5	353	1.72	1	0.2	1.1	0.6	25	<0.1	0.1	<0.1	49	0.4	0.019	3	21	0.27	73	0.138	<20	1.52	0.016	0.06	<0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2

132016	Soil	0.3	16.9	3.4	68	<0.1	37.2	11.4	520	2.97	3	0.2	<0.5	0.9	36	<0.1	0.1	<0.1	69	0.4	0.048	5	42	0.39	143	0.154	<20	2.33	0.02	0.08	<0.1	0.02	4.8	<0.1	<0.05	7	<0.5	<0.2
132017	Soil	0.4	10	2.7	54	<0.1	24.6	8.9	297	2.17	1.4	0.2	<0.5	0.8	27	<0.1	0.1	<0.1	52	0.39	0.031	4	31	0.33	80	0.148	<20	1.36	0.022	0.11	<0.1	<0.01	3.4	<0.1	<0.05	4	<0.5	<0.2
132018	Soil	0.4	10.7	3.1	51	<0.1	27.1	10.3	391	2.45	1.8	0.2	<0.5	0.9	31	<0.1	0.1	<0.1	60	0.41	0.029	6	36	0.36	93	0.164	<20	1.32	0.021	0.12	<0.1	0.01	4	<0.1	<0.05	4	<0.5	<0.2
132019	Soil	0.4	8.2	3	56	<0.1	23.1	8.9	350	2.18	1.3	0.2	<0.5	0.9	27	<0.1	0.1	<0.1	52	0.34	0.024	5	31	0.31	114	0.154	<20	1.16	0.021	0.09	<0.1	<0.01	3.3	<0.1	<0.05	4	<0.5	<0.2
132020	Soil	0.4	9.5	3	53	<0.1	23.9	9.7	348	2.2	1.6	0.2	<0.5	0.9	30	<0.1	0.1	<0.1	57	0.37	0.021	5	36	0.3	98	0.159	<20	1.22	0.022	0.1	<0.1	0.01	3.7	<0.1	<0.05	4	<0.5	<0.2
132021	Soil	0.4	13.3	3.3	77	<0.1	24.3	8.6	246	2.08	1	0.2	1	0.9	28	<0.1	0.1	<0.1	45	0.36	0.036	4	29	0.35	100	0.156	<20	1.47	0.022	0.06	<0.1	<0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
132022	Soil	0.3	16.8	4.4	317	<0.1	69.8	7.9	139	1.86	0.7	0.2	2.1	0.8	45	0.1	<0.1	<0.1	24	0.28	0.52	3	23	0.24	162	0.09	<20	2.16	0.013	0.07	<0.1	0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
132023	Soil	0.3	15.6	2.4	60	<0.1	35.9	11	314	3.08	1.6	0.2	<0.5	0.8	37	<0.1	0.1	<0.1	56	0.51	0.038	5	42	0.35	78	0.144	<20	1.86	0.023	0.19	<0.1	0.01	5	<0.1	<0.05	6	<0.5	<0.2
132024	Soil	0.3	10.7	2.2	85	<0.1	32.6	8.6	281	2.05	0.9	0.2	<0.5	0.6	22	<0.1	0.1	<0.1	44	0.29	0.029	3	29	0.27	86	0.129	<20	1.6	0.019	0.06	<0.1	<0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
132025	Soil	0.3	9.3	2.9	54	<0.1	18.7	7.3	350	2.14	1.3	0.2	0.6	0.8	27	<0.1	0.1	<0.1	53	0.42	0.02	4	25	0.31	89	0.145	<20	1.41	0.018	0.1	<0.1	0.04	3.4	<0.1	<0.05	4	<0.5	<0.2
132026	Soil	0.4	8.3	2.9	79	<0.1	20	7.6	483	1.96	1.3	0.2	<0.5	0.6	23	<0.1	0.1	<0.1	47	0.34	0.031	4	25	0.31	90	0.13	<20	1.54	0.014	0.08	<0.1	0.01	2.8	<0.1	<0.05	4	<0.5	<0.2
132027	Soil	0.3	7.2	3.5	71	<0.1	19.9	5.9	272	1.65	0.8	0.2	0.9	0.7	22	<0.1	0.1	<0.1	38	0.34	0.034	3	22	0.31	86	0.132	<20	1.48	0.016	0.08	<0.1	<0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
132028	Soil	0.3	8.3	2.5	48	<0.1	19.5	6.9	251	2.04	0.9	0.2	1.2	0.9	23	<0.1	0.1	<0.1	50	0.35	0.027	4	25	0.28	71	0.141	<20	1.33	0.015	0.08	<0.1	<0.01	2.8	<0.1	<0.05	4	<0.5	<0.2
132029	Soil	0.4	10	2.8	61	<0.1	20.7	8.4	309	2.05	1.2	0.2	<0.5	0.8	27	<0.1	0.1	<0.1	51	0.4	0.026	5	26	0.32	76	0.15	<20	1.44	0.015	0.08	<0.1	<0.01	3.3	<0.1	<0.05	4	<0.5	<0.2
132030	Soil	0.3	7.6	3.3	70	<0.1	22.5	6.4	341	1.71	0.7	0.2	<0.5	0.7	26	<0.1	<0.1	<0.1	39	0.35	0.034	3	23	0.26	104	0.136	<20	1.5	0.017	0.08	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
132031	Soil	0.3	9.7	2.9	48	<0.1	21.6	7.1	191	2	0.9	0.2	0.7	0.8	25	<0.1	0.2	<0.1	48	0.34	0.023	5	30	0.31	79	0.158	<20	1.57	0.018	0.08	<0.1	<0.01	3.9	<0.1	<0.05	4	<0.5	<0.2
132032	Soil	0.3	10.2	3.2	76	<0.1	24.7	7.8	347	2.07	1.1	0.2	<0.5	0.8	27	<0.1	0.1	<0.1	47	0.4	0.037	4	27	0.32	97	0.141	<20	1.81	0.015	0.12	<0.1	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
Pulp Duplicates																																						
131829	Soil	0.3	8.6	2.8	45	<0.1	16.5	7	378	2.11	1.2	0.2	<0.5	1	25	<0.1	0.1	<0.1	59	0.42	0.013	4	26	0.26	71	0.159	<20	1.48	0.016	0.08	<0.1	<0.01	3.7	<0.1	<0.05	4	<0.5	<0.2
131829	REP	0.3	8.7	2.9	45	<0.1	16.2	6.9	355	2.11	1.3	0.2	<0.5	0.9	24	<0.1	0.1	<0.1	57	0.41	0.013	4	26	0.26	68	0.159	<20	1.52	0.016	0.08	<0.1	<0.01	3.7	<0.1	<0.05	4	<0.5	<0.2
131935	Soil	0.4	14.4	1.8	69	<0.1	39.6	13.2	387	2.73	0.9	0.2	15.2	0.6	25	<0.1	<0.1	<0.1	51	0.39	0.029	4	37	0.33	70	0.162	<20	1.74	0.027	0.08	<0.1	<0.01	4.5	<0.1	<0.05	5	<0.5	<0.2
131935	REP	0.4	14.8	1.7	66	<0.1	39.7	13.1	398	2.71	0.8	0.1	<0.5	0.6	26	<0.1	<0.1	<0.1	52	0.39	0.028	4	37	0.32	72	0.155	<20	1.72	0.026	0.08	<0.1	<0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
131955	Soil	0.3	9.8	2.4	43	<0.1	15.6	6.6	208	2	1.6	0.2	<0.5	0.7	29	<0.1	0.1	<0.1	55	0.43	0.019	4	23	0.32	70	0.145	<20	1.49	0.015	0.06	<0.1	0.01	4.1	<0.1	<0.05	4	<0.5	<0.2
131955	REP	0.3	9.6	2.3	43	<0.1	14.9	6.5	208	2	1.6	0.2	<0.5	0.6	28	<0.1	0.2	<0.1	57	0.45	0.02	4	24	0.33	72	0.148	<20	1.52	0.016	0.07	<0.1	<0.01	4	<0.1	<0.05	4	<0.5	<0.2
132004	Soil	0.3	7	3.2	61	<0.1	19.5	6.2	228	1.67	0.9	0.2	<0.5	0.7	24	<0.1	<0.1	<0.1	43	0.37	0.025	4	24	0.3	74	0.155	<20	1.39	0.018	0.08	<0.1	0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
132004	REP	0.2	7.9	3.3	65	<0.1	20.1	6.6	230	1.69	1	0.2	<0.5	0.7	26	<0.1	0.1	<0.1	43	0.36	0.026	4	24	0.3	74	0.154	<20	1.42	0.018	0.08	<0.1	<0.01	3	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																																						
STD DS7	STD	22.1	106.6	67.5	379	0.9	55.4	9.7	620	2.39	54.6	4.8	56.4	4.5	70	7.2	5.4	5	87	0.88	0.08	12	168	1.01	404	0.123	45	0.99	0.097	0.47	3.7	0.21	2.6	4.2	0.25	5	3.2	1.3
STD OREAS45PA	STD	1	601.3	18.1	115	0.3	273.1	107.3	1030	15.73	5.5	1.2	47.2	6.7	14	<0.1	0.2	0.2	203	0.23	0.033	16	754	0.11	179	0.143	<20	3.01	0.01	0.07	<0.1	0.03	43.6	<0.1	<0.05	16	0.9	<0.2
STD DS8	STD	14.4	116.8	120.8	313	1.5	39.8	7.9	628	2.54	27	3.2	91.4	7	69	2.7	5	6.4	46	0.7	0.079	16	123	0.6	298	0.129	<20	0.96	0.1	0.43	2.5	0.17	2.6	5.4	0.16	5	5.5	4.7
STD DS7	STD	20.7	111.1	71.7	422	1	56.9	9.8	654	2.47	58.9	4.8	58	4.5	77	6.6	5.7	4.9	82	0.95	0.083	12	185	1.07	435	0.124	39	1.04	0.095	0.5	3.5	0.21	2.5	4.1	0.18	5	2.4	1.9
STD OREAS45PA	STD	0.9	584.1	18.8	113	0.3	274.2	104.4	1046	17.3	4.7	1.2	48.2	6.9	14	<0.1	0.2	0.2	198	0.22	0.034	16	748	0.11	184	0.133	<20	3.21	0.012	0.07	<0.1	0.02	40	<0.1	<0.05	16	<0.5	0.2
STD DS8	STD	14.4	119.1	134.5	326	1.9	39.7	7.9	640	2.58	29.4	3.2	97.2	8.3	72	2.4	6	7.6	42	0.7	0.086	15	119	0.6	326	0.118	<20	0.91	0.089	0.45	2.9	0.19	2.1	5.9	0.14	5	5.3	6.6
STD DS7	STD	21.8	106.5	67.5	394	1	55.3	9.6	639	2.38	54.9	4.9	51.7	4.9	79	6.6	5.2	4.4	88	0.94	0.073	13	188	1.04	423	0.141	35	1.05	0.104	0.47	3.5	0.19	2.7	4.2	0.17	5	3.4	1.5
STD OREAS45PA	STD	0.8	608.2	18	114	0.3	289.8	105.1	1034	16.15	5.1	1.1	42.1	7.1	14	0.1	<0.1	0.2	192	0.23	0.031	16	750	0.12	195	0.141	<20	3.23	0.011	0.07	<0.1	0.02	44.4	<0.1	<0.05	18	0.7	<0.2
STD DS8	STD	13.2	106.8	117.8	307	1.6	37.2	7.3	603	2.44	27.3	2.5	113.9	6.3	65	2.4	4.6	6	40	0.68	0.079	14	111	0.6	301	0.122	<20	0.92	0.1	0.42	2.5	0.17	2.4	5.3	0.1	4	5.4	4.7
STD DS7	STD	20.3	111.4	66.2	393	0.5	56.9	9.9	613	2.43	51.6	4.5	57.5	4.4	71	6.5	5.3	4.5	87	0.92	0.074	12	174	1.05	419	0.129	39	0.99	0.095	0.47	3.6	0.19	2.6	4.1	0.22	5	3.2	1
STD OREAS45PA	STD	0.9	586.3	17.5	112	0.1	291	104.9	1082	16.45	5	1.1	47.4	6.7	14	<0.1	0.1	0.2	208	0.22	0.033	16	790	0.11	190	0.141	<20	3.03	0.012	0.07	<0.1	0.02	44.4	<0.1	<0.05	17	0.7	<0.2
STD DS8	STD	13.8	110.8	122.4	302	0.8	40.5	7.6	638</																													

132210	Soil	0.4	15	3.5	78	<0.1	38.9	11.3	329	3.07	1.3	0.2	<0.5	0.6	34	<0.1	<0.1	<0.1	64	0.4	0.034	4	49	0.55	68	0.226	<20	2.17	0.026	0.08	<0.1	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2		
132211	Soil	0.3	15.6	2.8	110	<0.1	56.3	17.3	422	3.23	0.9	0.1	<0.5	0.6	31	<0.1	<0.1	<0.1	60	0.39	0.046	3	58	0.64	72	0.209	<20	2.51	0.03	0.11	<0.1	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2		
132212	Soil	0.4	15.3	2.4	93	<0.1	42.3	14.7	433	3.33	1.2	0.2	<0.5	0.5	32	<0.1	<0.1	<0.1	71	0.47	0.038	3	52	0.59	64	0.224	<20	1.95	0.032	0.09	<0.1	0.01	3.8	<0.1	<0.05	6	<0.5	<0.2		
132214	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
132215	Soil	0.3	28.7	2.3	84	0.1	31.7	9.2	507	2.27	1.9	0.3	<0.5	0.2	227	0.3	0.2	<0.1	34	4.43	0.05	3	23	1.9	82	0.079	107	1.38	0.109	0.08	<0.1	0.03	2.7	<0.1	0.07	4	<0.5	<0.2		
132216	Soil	0.2	12	3	75	<0.1	29.9	11	316	2.6	2	0.2	1.9	0.5	32	<0.1	<0.1	<0.1	62	0.42	0.029	3	38	0.47	65	0.199	<20	1.96	0.028	0.06	<0.1	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2		
132217	Soil	0.2	14.5	3.6	75	<0.1	24	9.2	321	2.48	2.5	0.2	<0.5	0.6	44	<0.1	0.1	<0.1	61	0.5	0.02	4	38	0.51	61	0.222	<20	1.75	0.032	0.06	<0.1	0.03	4.2	<0.1	<0.05	5	<0.5	<0.2		
132218	Soil	0.3	15.1	3.1	90	<0.1	37.1	13	475	3.19	2.6	0.2	<0.5	0.6	34	<0.1	<0.1	<0.1	75	0.44	0.034	4	48	0.5	65	0.213	<20	2.12	0.028	0.08	<0.1	0.04	4.4	<0.1	<0.05	6	<0.5	<0.2		
132219	Soil	0.2	15.9	3.6	69	<0.1	28.6	10.3	279	2.9	3.3	0.2	<0.5	0.6	56	<0.1	0.1	<0.1	69	0.48	0.022	3	44	0.58	69	0.247	<20	1.87	0.035	0.06	<0.1	0.04	4.1	<0.1	<0.05	6	<0.5	<0.2		
132220	Soil	0.5	15.2	2.9	71	<0.1	24.8	14.3	458	3.62	3.7	0.2	<0.5	0.6	160	<0.1	<0.1	<0.1	89	0.48	0.028	3	48	0.53	165	0.226	<20	2.03	0.024	0.08	<0.1	0.05	4.3	<0.1	<0.05	6	<0.5	<0.2		
132221	Soil	0.4	16.8	2.8	105	<0.1	59.1	17.9	477	4.29	2.1	0.2	<0.5	0.7	35	<0.1	0.1	<0.1	92	0.4	0.046	4	80	0.65	77	0.244	<20	3.18	0.025	0.11	<0.1	0.03	6.9	<0.1	<0.05	9	<0.5	<0.2		
132222	Soil	0.4	16.7	2.3	92	<0.1	50.1	17.1	398	3.92	1.3	0.2	<0.5	0.6	35	0.1	<0.1	<0.1	79	0.43	0.037	3	74	0.73	63	0.256	<20	2.45	0.036	0.14	<0.1	0.02	5.3	<0.1	<0.05	7	<0.5	<0.2		
132223	Soil	0.5	14.7	2.3	92	<0.1	57.2	17.1	440	3.87	1.3	0.2	<0.5	0.6	31	<0.1	<0.1	<0.1	80	0.41	0.034	4	78	0.65	55	0.252	<20	2.66	0.033	0.1	<0.1	0.03	4.9	<0.1	<0.05	8	<0.5	<0.2		
132224	Soil	0.5	17	2.5	102	<0.1	51.9	15.2	414	3.68	1.3	0.2	<0.5	0.6	38	<0.1	<0.1	<0.1	74	0.47	0.049	4	65	0.59	75	0.224	<20	2.69	0.029	0.13	<0.1	0.04	5.8	<0.1	<0.05	8	<0.5	<0.2		
132225	Soil	0.3	14.2	2.6	98	<0.1	41.1	13	409	3.41	1.5	0.2	<0.5	0.5	42	<0.1	<0.1	<0.1	79	0.52	0.041	3	51	0.59	79	0.216	<20	2.36	0.026	0.1	<0.1	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2		
132235	Soil	0.3	14.9	2.9	76	<0.1	34.2	11.4	310	3.08	1.8	0.2	<0.5	0.7	36	<0.1	0.1	<0.1	74	0.45	0.041	4	51	0.51	65	0.215	<20	1.87	0.025	0.1	<0.1	0.02	4	<0.1	<0.05	6	<0.5	<0.2		
132236	Soil	0.5	14	3.1	86	<0.1	30.5	11.1	599	2.8	1.8	0.2	0.8	0.6	35	0.1	0.2	<0.1	68	0.47	0.036	4	44	0.42	85	0.203	<20	1.55	0.027	0.12	<0.1	0.01	4.2	<0.1	<0.05	5	<0.5	<0.2		
132237	Soil	0.4	12.9	2.9	86	<0.1	28.3	10.5	454	2.68	1.4	0.2	<0.5	0.7	31	0.2	0.1	<0.1	65	0.43	0.027	4	42	0.42	77	0.205	<20	1.42	0.033	0.11	<0.1	0.02	4	<0.1	<0.05	5	<0.5	<0.2		
132238	Soil	0.3	14.9	3.2	82	<0.1	27	10.1	447	2.49	1.3	0.2	0.6	0.6	34	<0.1	0.1	<0.1	62	0.46	0.028	5	36	0.41	91	0.185	<20	1.36	0.032	0.13	<0.1	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2		
132239	Soil	0.3	13.4	3.5	68	<0.1	28.9	7.7	211	2.39	1.6	0.2	0.7	0.7	34	<0.1	0.1	<0.1	55	0.39	0.032	4	40	0.49	66	0.19	<20	1.6	0.025	0.08	<0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2		
132240	Soil	0.4	11.5	3	71	<0.1	25.2	8.3	338	2.44	1.3	0.2	8.1	0.7	30	<0.1	0.1	<0.1	58	0.4	0.029	3	41	0.38	83	0.201	<20	1.48	0.026	0.09	<0.1	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2		
132241	Soil	0.3	13.8	3.2	64	<0.1	26.9	10	331	2.94	2.7	0.2	<0.5	0.8	30	<0.1	0.1	0.1	72	0.36	0.027	4	39	0.34	69	0.181	<20	1.36	0.022	0.07	<0.1	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2		
132242	Soil	0.4	12.2	3.4	121	<0.1	36.3	9.7	318	2.44	1.6	0.2	<0.5	0.6	29	<0.1	0.1	<0.1	52	0.38	0.046	3	40	0.48	78	0.182	<20	1.93	0.022	0.1	<0.1	<0.01	3.1	<0.1	<0.05	6	<0.5	<0.2		
132243	Soil	0.5	14.1	3	93	<0.1	33.2	12.1	590	2.76	1.6	0.2	0.9	0.6	37	<0.1	0.1	<0.1	67	0.45	0.028	4	47	0.44	86	0.207	<20	1.71	0.034	0.1	<0.1	0.01	4	<0.1	<0.05	5	<0.5	<0.2		
132244	Soil	0.4	11.6	2.7	80	<0.1	34.7	11.6	465	2.92	1.2	0.2	1	0.6	30	<0.1	0.1	<0.1	66	0.44	0.032	4	51	0.45	64	0.219	<20	1.64	0.035	0.2	<0.1	0.01	4.4	<0.1	<0.05	5	<0.5	<0.2		
132245	Soil	0.2	10.8	3.6	79	<0.1	23.3	6.9	302	2.02	1.2	0.2	0.9	0.7	35	<0.1	<0.1	<0.1	43	0.43	0.022	4	35	0.48	56	0.2	<20	1.37	0.043	0.1	<0.1	0.03	3.7	<0.1	<0.05	4	<0.5	<0.2		
132246	Soil	0.4	16.1	3.2	70	<0.1	29.1	9.4	347	2.54	1.9	0.2	<0.5	0.6	34	<0.1	0.1	<0.1	61	0.43	0.03	4	42	0.47	73	0.194	<20	1.66	0.036	0.07	<0.1	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2		
132247	Soil	0.4	17.1	2.9	92	<0.1	39.3	12.8	476	3.15	2.1	0.2	1.1	0.7	35	0.1	0.1	<0.1	72	0.44	0.048	4	53	0.47	91	0.219	<20	2.08	0.024	0.11	<0.1	<0.01	5.1	<0.1	<0.05	6	<0.5	<0.2		
132248	Soil	0.4	13.8	3.3	77	<0.1	29.6	7.6	244	2.27	1.5	0.2	<0.5	0.6	31	<0.1	0.1	0.1	50	0.37	0.028	3	42	0.47	65	0.214	<20	1.66	0.027	0.08	<0.1	0.01	3.6	<0.1	<0.05	5	<0.5	<0.2		
132249	Soil	0.4	14.3	3.2	91	<0.1	28.8	9.9	354	2.47	1.6	0.2	<0.5	0.6	33	<0.1	0.1	<0.1	58	0.42	0.03	4	42	0.46	66	0.208	<20	1.45	0.036	0.08	<0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2		
132250	Soil	0.4	14.6	3.1	94	<0.1	31.1	9.6	281	2.68	1.6	0.2	0.9	0.6	29	<0.1	0.1	<0.1	59	0.37	0.028	3	47	0.47	71	0.216	<20	1.68	0.028	0.09	<0.1	0.01	3.9	<0.1	<0.05	5	<0.5	<0.2		
132251	Soil	0.4	14.4	3.2	62	<0.1	37.4	13.2	254	2.93	1	0.2	<0.5	0.5	31	<0.1	0.1	<0.1	59	0.39	0.044	4	43	0.58	78	0.198	<20	1.72	0.026	0.1	<0.1	0.01	3.1	<0.1	<0.05	5	<0.5	<0.2		
132252	Soil	0.4	14.6	3.2	87	<0.1	32.9	12.6	387	2.75	1.2	0.1	<0.5	0.7	30	0.1	0.1	<0.1	61	0.36	0.041	3	41	0.48	79	0.202	<20	1.78	0.025	0.11	<0.1	0.01	3.6	<0.1	<0.05	6	<0.5	<0.2		
132253	Soil	0.5	12.7	3.2	178	<0.1	44.3	15.1	893	2.79	<0.5	0.1	<0.5	0.7	32	<0.1	<0.1	0.1	44	0.4	0.071	2	45	0.47	131	0.161	<20	2.3	0.027	0.07	<0.1	0.02	2.9	<0.1	<0.05	6	<0.5	<0.2		
132254	Soil	0.3	18.6	4	129	<0.1	55	11.1	173	2.78	0.5	0.1	<0.5	0.6	25	<0.1	<0.1	<0.1	43	0.35	0.04	3	56	0.5	85	0.242	<20	2.93	0.03	0.07	<0.1	0.01	3.6	<0.1	<0.05	8	<0.5	<0.2		
132255	Soil	0.4	23.5	2.4	89	<0.1	53.5	17.4	425	4.05	1.2	0.2	<0.5	0.8	33	<0.1	<0.1	<0.1	75	0.46	0.046	4	71	0.81	63	0.242	<20	2.51	0.044	0.11	<0.1	0.01	5.9	<0.1	<0.05	7	<0.5	<0.2		
132256	Soil	0.3	14.6	2.6	76	<0.1	36.9	11.1	387	2.74																														

132288	Soil	0.4	20.8	3.2	86	<0.1	35.3	14.6	619	3.69	4.9	0.1	1	0.6	51	<0.1	0.1	<0.1	90	0.56	0.043	5	45	0.71	108	0.179	<20	3.07	0.027	0.11	<0.1	0.02	7.1	<0.1	<0.05	8	<0.5	<0.2
132289	Soil	0.3	20.3	2.7	81	<0.1	38.3	14.9	484	3.53	4.1	0.1	<0.5	0.5	53	<0.1	0.1	<0.1	84	0.61	0.046	3	43	0.9	93	0.18	<20	2.86	0.023	0.13	<0.1	0.03	6.1	<0.1	<0.05	7	<0.5	<0.2
132290	Soil	0.5	53.2	6.6	47	0.2	25.5	17.4	602	3.13	8.2	0.4	1.4	1.6	730	<0.1	0.1	<0.1	51	1.69	0.052	7	17	0.54	475	0.011	<20	3.77	0.024	0.14	<0.1	0.66	6.5	<0.1	<0.05	7	<0.5	<0.2
132291	Soil	0.5	11.7	4.2	118	<0.1	27.2	9.6	435	2.73	1.4	0.1	0.5	0.9	31	0.1	0.1	<0.1	55	0.34	0.028	4	36	0.46	102	0.154	<20	1.61	0.017	0.12	<0.1	0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
132292	Soil	0.7	16.1	4	120	<0.1	37.2	15.3	913	3.34	1.9	0.2	<0.5	1.2	45	<0.1	<0.1	<0.1	64	0.5	0.04	5	51	0.58	113	0.181	<20	2.27	0.018	0.11	<0.1	0.03	5	<0.1	<0.05	6	<0.5	<0.2
132293	Soil	0.5	13	3.8	97	<0.1	30.3	11.9	539	3.16	2.9	0.2	0.6	0.9	44	<0.1	<0.1	0.2	78	0.39	0.04	5	47	0.52	113	0.167	<20	2.44	0.014	0.09	<0.1	0.03	5.4	<0.1	<0.05	7	<0.5	<0.2
132294	Soil	0.4	22.1	4.8	94	<0.1	29.2	13.1	615	3.4	5.1	0.4	<0.5	0.9	58	<0.1	0.1	<0.1	86	0.68	0.058	6	37	0.69	85	0.164	<20	3.15	0.016	0.06	<0.1	0.04	6.4	<0.1	<0.05	9	<0.5	<0.2
132295	Soil	0.4	9.3	3.3	78	<0.1	24.2	8.1	355	2.5	1.9	0.2	0.5	0.6	25	<0.1	0.1	<0.1	60	0.33	0.037	3	30	0.41	81	0.151	<20	1.58	0.017	0.1	<0.1	<0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
132297	Soil	0.6	27.3	4.1	75	<0.1	30.7	12.2	592	3.52	4.7	0.3	0.6	0.8	51	0.1	0.2	<0.1	90	0.47	0.04	7	51	0.54	100	0.185	<20	2.36	0.015	0.11	<0.1	0.03	7.4	<0.1	<0.05	7	<0.5	<0.2
132298	Soil	0.4	15.4	3.8	71	<0.1	20.5	8.7	289	2.8	3.3	0.3	1.1	0.7	34	<0.1	0.1	<0.1	80	0.4	0.034	5	30	0.45	66	0.198	<20	1.59	0.017	0.11	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
132299	Soil	0.4	10	4.1	56	<0.1	15.8	9	530	2.54	2.6	0.2	3.7	0.7	35	<0.1	0.1	<0.1	69	0.45	0.026	5	28	0.4	68	0.185	<20	1.4	0.022	0.12	<0.1	0.03	4.1	<0.1	<0.05	5	<0.5	<0.2
132300	Soil	0.4	12.7	3.7	63	<0.1	18.5	8.8	295	2.76	3.3	0.3	<0.5	0.8	48	<0.1	0.1	<0.1	81	0.45	0.032	5	29	0.49	98	0.219	<20	1.73	0.015	0.08	<0.1	0.01	4.9	<0.1	<0.05	6	<0.5	<0.2
132301	Soil	0.4	13.7	3.8	76	<0.1	21.5	10.4	418	3.12	3.3	0.3	<0.5	0.8	41	<0.1	0.2	<0.1	87	0.46	0.027	5	33	0.51	98	0.219	<20	1.66	0.018	0.14	<0.1	0.04	5.9	<0.1	<0.05	6	<0.5	<0.2
132302	Soil	0.4	15	3.2	71	<0.1	22.3	8.5	262	2.87	3.8	0.2	<0.5	0.6	29	<0.1	0.2	<0.1	74	0.41	0.042	4	31	0.47	72	0.167	<20	1.67	0.016	0.1	<0.1	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
132303	Soil	0.4	20.3	3.6	68	<0.1	14.7	10	374	3.61	5.3	0.2	<0.5	0.7	65	<0.1	0.2	<0.1	89	0.56	0.039	4	22	0.46	119	0.159	<20	2.13	0.013	0.07	<0.1	0.02	6.7	<0.1	<0.05	6	<0.5	<0.2
132304	Soil	0.5	20.8	3.9	111	<0.1	13.6	12.2	1043	4.38	4.8	0.2	<0.5	0.5	87	0.1	0.1	<0.1	101	1.02	0.051	6	20	0.54	112	0.14	<20	2.26	0.011	0.17	0.1	0.04	10.6	<0.1	<0.05	6	<0.5	<0.2
132305	Soil	0.5	25.2	3.7	111	<0.1	30.6	15.3	814	3.45	3.7	0.3	0.8	0.8	57	0.2	0.1	<0.1	72	0.63	0.048	5	44	0.62	134	0.15	<20	2.42	0.023	0.13	<0.1	0.03	6.7	<0.1	<0.05	7	<0.5	<0.2
132306	Soil	0.5	22.7	3.4	94	<0.1	38.9	15.2	700	3.86	2.5	0.2	<0.5	0.7	67	0.1	<0.1	<0.1	67	0.75	0.057	5	54	0.74	116	0.16	<20	2.37	0.023	0.27	<0.1	0.03	6.9	<0.1	<0.05	6	<0.5	<0.2
132307	Soil	0.4	30.9	3.9	86	<0.1	45.5	17.7	737	4.04	3.7	0.3	1.6	0.9	71	0.1	0.2	<0.1	81	0.71	0.046	8	64	0.66	153	0.152	<20	2.69	0.022	0.19	<0.1	0.03	7.5	<0.1	<0.05	7	<0.5	<0.2
132308	Soil	0.4	13	2.6	70	<0.1	24.9	10.1	356	2.57	1.4	0.1	0.8	0.6	32	<0.1	0.2	<0.1	58	0.41	0.032	4	34	0.4	67	0.181	<20	1.16	0.028	0.15	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
132309	Soil	0.4	12.8	3.2	76	<0.1	28.8	12.6	463	2.83	1.5	0.2	1.3	0.7	37	<0.1	<0.1	<0.1	66	0.42	0.021	5	46	0.43	108	0.212	<20	1.34	0.029	0.15	<0.1	0.02	4.5	<0.1	<0.05	4	<0.5	<0.2
132310	Soil	0.5	14.9	3.3	105	<0.1	23.4	11.1	583	2.79	1.9	0.2	0.8	0.8	37	<0.1	0.2	<0.1	66	0.44	0.034	4	37	0.47	102	0.181	<20	1.4	0.025	0.21	<0.1	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
132311	Soil	0.4	12.2	3.4	72	<0.1	25	10.3	364	2.65	1.7	0.2	<0.5	0.7	38	<0.1	0.1	<0.1	69	0.41	0.024	4	40	0.43	79	0.2	<20	1.38	0.024	0.09	<0.1	<0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
132312	Soil	0.4	20.2	3.8	85	<0.1	31.5	12.7	463	3.34	3.4	0.2	0.6	1	40	0.1	0.2	<0.1	75	0.49	0.043	5	50	0.53	100	0.189	<20	1.93	0.024	0.18	<0.1	0.19	5.4	<0.1	<0.05	6	<0.5	<0.2
132313	Soil	0.5	11.3	3.4	72	<0.1	22.8	8.8	348	2.53	1.8	0.2	<0.5	0.7	34	<0.1	0.1	<0.1	67	0.43	0.021	4	36	0.41	78	0.206	<20	1.37	0.023	0.12	<0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
132314	Soil	0.3	15.3	3.7	74	<0.1	25.2	8.6	308	2.59	1.9	0.3	<0.5	0.7	37	0.1	0.1	<0.1	62	0.45	0.032	4	39	0.5	78	0.193	<20	1.55	0.025	0.13	<0.1	0.02	4.6	<0.1	<0.05	5	<0.5	<0.2
132315	Soil	0.3	13.7	4	102	<0.1	23.1	9.1	530	2.69	2.3	0.3	<0.5	0.9	39	<0.1	0.1	<0.1	65	0.47	0.032	5	35	0.5	82	0.179	<20	1.61	0.025	0.15	<0.1	<0.01	4.4	<0.1	<0.05	5	<0.5	<0.2
132316	Soil	0.4	12.1	4	80	<0.1	21.6	8.4	443	2.42	2.3	0.3	<0.5	0.8	36	0.1	0.1	<0.1	64	0.43	0.027	5	31	0.46	88	0.188	<20	1.46	0.019	0.12	<0.1	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
132317	Soil	0.3	9.3	4.4	86	<0.1	19.3	7.3	322	2.38	2	0.3	<0.5	0.8	37	<0.1	0.1	<0.1	65	0.4	0.028	5	29	0.44	92	0.185	<20	1.7	0.016	0.09	<0.1	<0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
132318	Soil	0.4	9.8	3.9	79	<0.1	19.5	8.4	379	2.53	2.6	0.3	<0.5	0.9	36	<0.1	0.1	<0.1	74	0.41	0.026	5	30	0.46	74	0.215	<20	1.81	0.015	0.12	<0.1	<0.01	4.2	<0.1	<0.05	6	<0.5	<0.2
132319	Soil	0.5	9.5	3.8	122	<0.1	19.5	8.6	386	2.47	1.6	0.3	<0.5	0.7	29	<0.1	<0.1	<0.1	67	0.44	0.043	4	29	0.48	102	0.205	<20	1.66	0.017	0.2	<0.1	<0.01	4.1	<0.1	<0.05	6	<0.5	<0.2
132320	Soil	0.5	16.6	3.5	64	<0.1	28.4	12.1	479	2.91	3	0.2	1.4	0.8	39	<0.1	0.2	<0.1	72	0.46	0.036	5	41	0.5	83	0.189	<20	1.57	0.024	0.14	<0.1	0.06	4.7	<0.1	<0.05	5	<0.5	<0.2
132321	Soil	0.6	31.4	4.5	68	<0.1	34.6	13.3	668	3.32	5.6	0.3	1.3	1.1	55	0.1	0.2	<0.1	78	0.58	0.059	9	46	0.56	96	0.158	<20	2.13	0.018	0.23	<0.1	0.03	6.4	<0.1	<0.05	7	<0.5	<0.2
132322	Soil	0.5	13.9	4.3	87	<0.1	17.9	9.8	421	2.94	2.7	0.2	1.6	0.7	78	0.1	0.1	<0.1	76	0.5	0.025	5	33	0.45	143	0.174	<20	1.47	0.024	0.12	<0.1	0.23	4.8	<0.1	<0.05	5	<0.5	<0.2
132323	Soil	0.3	23.6	3.8	54	<0.1	30.9	9.6	290	3.24	2.8	0.3	0.8	0.9	51	<0.1	0.1	<0.1	51	0.71	0.017	6	41	0.83	66	0.121	<20	2.06	0.038	0.15	<0.1	0.02	5.4	<0.1	<0.05	6	<0.5	<0.2
132324	Soil	0.5	15.2	2.9	51	<0.1	21.8	10.1	419	2.66	2.2	0.2	1.7	0.6	36	<0.1	0.1	0.1	61	0.41	0.035	5	32	0.45	83	0.158	<20	1.45	0.027	0.13	<0.1	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
132325	Soil																																					

STD OREAS45PA	STD	1.1	616.8	18.5	109	0.3	296.2	105.2	1074	16.76	5.2	1.1	47.8	6.4	14	0.1	0.2	0.2	207	0.23	0.033	16	782	0.1	182	0.139	<20	3.02	0.013	0.08	<0.1	0.04	42.9	<0.1	<0.05	16	0.6	<0.2
STD DS8	STD	14.3	115.4	121.8	296	1.6	43.4	8.2	629	2.57	29.9	2.7	97	6.4	67	2.6	5.6	7.3	44	0.72	0.084	13	123	0.64	317	0.119	<20	0.91	0.089	0.49	2.8	0.2	2.1	5.4	0.17	5	5.4	4.6
STD DS7	STD	20.7	130.1	71.3	411	1	58.6	9.4	624	2.35	52.8	4.8	57.5	4.1	74	5.7	5.3	4.6	83	0.92	0.078	12	186	1.04	412	0.12	35	0.97	0.092	0.47	3.4	0.21	2.2	4.2	0.16	5	3	0.5
STD OREAS45PA	STD	0.9	592	17.7	111	0.3	275.8	104.2	1013	15.87	4.8	1.1	50.2	6.5	14	0.1	0.2	0.2	206	0.22	0.032	16	755	0.1	175	0.138	<20	2.93	0.011	0.07	<0.1	0.03	38.6	<0.1	<0.05	16	<0.5	<0.2
STD DS8	STD	13.6	114.3	127.9	322	1.7	39.8	7.9	613	2.45	25.7	2.7	106.2	6.6	66	2.6	5.5	6.9	43	0.69	0.082	14	121	0.59	293	0.119	<20	0.87	0.08	0.43	3.5	0.19	1.8	5.6	0.14	5	4.8	5.1
STD DS7	STD	22.9	112.7	75.8	417	1	60.9	10.1	640	2.43	51.5	4.8	62.8	4.3	72	6.1	5.6	4.7	87	0.92	0.074	12	192	1.07	423	0.124	29	1.02	0.093	0.49	3.5	0.21	2	4.2	0.2	5	3.2	0.6
STD OREAS45PA	STD	1	583.4	19.3	108	0.3	281.9	103	990	15.64	4.4	1.2	50.9	6.7	14	<0.1	0.2	0.2	204	0.22	0.03	16	722	0.1	171	0.134	<20	2.91	0.01	0.07	<0.1	0.03	37.3	<0.1	<0.05	14	<0.5	0.4
STD DS8	STD	14.4	113	131.9	309	1.9	40.2	7.8	604	2.42	26.4	2.7	109.8	6.8	68	2.3	5.8	6.6	43	0.69	0.078	15	118	0.61	292	0.117	<20	0.89	0.084	0.43	2.9	0.19	1.8	5.6	0.15	5	4.6	6.5
STD DS7	STD	21	102.4	68.8	375	0.9	53.2	9.4	616	2.36	55.3	4.6	56.8	4.6	72	6.6	4.9	4.5	87	0.93	0.076	13	179	1.03	419	0.13	42	1.03	0.099	0.45	3.3	0.21	2.4	4.1	0.18	5	3.5	1
STD OREAS45PA	STD	1	597.5	18.1	109	0.3	288.8	100.2	1041	16.23	5.6	1.1	44.1	6.8	14	<0.1	0.2	0.2	204	0.23	0.033	16	787	0.11	187	0.149	<20	3.12	0.012	0.07	<0.1	0.03	43.5	<0.1	<0.05	16	0.9	<0.2
STD DS8	STD	13.1	117.4	119.7	314	1.8	39.5	7.7	635	2.5	30.6	2.7	131	6.7	66	2.5	5.4	6.5	44	0.7	0.085	14	120	0.61	294	0.124	<20	0.92	0.089	0.42	3	0.18	2.1	5.3	0.15	5	5	6.1
STD DS7	STD	21.7	132.3	68.5	409	0.9	55.8	9.1	628	2.38	51.2	4.8	52	4.7	71	6.8	5.1	4.4	88	0.91	0.082	12	182	1.06	419	0.132	42	1.03	0.097	0.45	3.4	0.2	2.6	3.9	0.24	5	3	1.3
STD OREAS45PA	STD	1	616.2	17.6	119	0.3	285.4	102.4	1044	16.09	5	1.1	43.3	6.7	15	0.1	0.1	0.2	203	0.22	0.032	16	795	0.11	183	0.142	<20	3.14	0.011	0.07	<0.1	0.03	44.1	<0.1	<0.05	16	0.8	<0.2
STD DS8	STD	13.3	118.2	129	314	1.6	41.3	7.9	636	2.49	28.7	2.8	95.3	7.1	70	2.5	5.1	6.6	45	0.71	0.084	14	119	0.61	301	0.128	<20	0.95	0.092	0.41	2.6	0.17	2.2	5.4	0.18	5	5.2	5.5
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

131601	Soil	0.2	7.3	3.5	36<0.1	12.2	4.4	211	1.53	1.1	0.2	<0.5	0.5	23<0.1	0.2	<0.1	39	0.23	0.018	4	7	0.21	50	0.111	<20	0.98	0.016	0.03	<0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
131602	Soil	0.4	10.9	3.8	53<0.1	19.6	7.3	475	1.86	2.1	0.2	<0.5	0.7	30<0.1	0.2	<0.1	47	0.38	0.037	5	23	0.25	74	0.096	<20	1.3	0.014	0.05	<0.1	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
131603	Soil	0.4	7.6	3.8	64<0.1	19.5	5.8	275	1.68	1.2	0.2	<0.5	0.7	26<0.1	0.1	<0.1	38	0.27	0.049	5	22	0.2	101	0.09	<20	1.25	0.015	0.07	<0.1	0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
131604	Soil	0.5	6.5	3.7	46<0.1	15.7	5.9	554	1.63	1.1	0.2	<0.5	0.8	27<0.1	0.1	<0.1	44	0.26	0.041	4	20	0.2	114	0.097	<20	1.19	0.013	0.08	<0.1	0.02	1.6	<0.1	0.06	4	<0.5	<0.2
131605	Soil	0.3	8.3	3.5	38<0.1	13.9	5.1	258	1.56	1.4	0.2	<0.5	0.6	39<0.1	0.2	<0.1	40	0.28	0.04	4	20	0.2	67	0.095	<20	1.2	0.013	0.06	<0.1	0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
131606	Soil	0.4	13.7	3.4	32<0.1	18.2	7.1	190	2.04	2.5	0.2	<0.5	1	31<0.1	0.3	<0.1	56	0.27	0.022	6	29	0.26	61	0.127	<20	1.02	0.016	0.05	<0.1	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
131607	Soil	0.7	12.1	5.1	60<0.1	19.4	6.9	536	1.9	1.7	0.2	<0.5	0.7	26<0.1	0.1	0.1	48	0.21	0.051	4	19	0.21	112	0.084	<20	1.79	0.01	0.05	<0.1	0.03	1.6	<0.1	0.06	6	<0.5	<0.2
131608	Soil	0.5	11.5	3.5	38<0.1	17	6	241	1.81	1.5	0.2	<0.5	0.8	29<0.1	0.2	<0.1	49	0.24	0.019	4	24	0.24	79	0.109	<20	1.12	0.017	0.04	<0.1	0.01	2	<0.1	<0.05	4	<0.5	<0.2
131609	Soil	0.3	12.6	3.5	32<0.1	14.9	5.4	153	1.78	1.8	0.3	<0.5	0.7	37<0.1	0.2	<0.1	52	0.28	0.022	5	24	0.24	74	0.128	<20	0.97	0.019	0.04	<0.1	0.01	2.2	<0.1	<0.05	3	<0.5	<0.2
131610	Soil	0.3	11	3.6	38<0.1	17.2	5.3	153	1.69	1.6	0.2	<0.5	0.9	29<0.1	0.2	<0.1	48	0.26	0.023	5	25	0.27	64	0.133	<20	1.04	0.019	0.04	<0.1	0.01	2.1	<0.1	<0.05	3	<0.5	<0.2
131611	Soil	0.4	10.9	4.3	41<0.1	17.8	6.6	297	1.91	1.5	0.3	<0.5	1.6	22<0.1	0.1	<0.1	50	0.25	0.018	5	27	0.3	66	0.113	<20	1.13	0.018	0.06	<0.1	0.01	2.6	<0.1	<0.05	4	<0.5	<0.2
131612	Soil	0.4	13	4.1	54<0.1	17.6	7.7	262	2.09	6.6	0.3	21.6	0.8	24<0.1	0.6	<0.1	50	0.31	0.032	6	23	0.33	70	0.103	<20	1.18	0.014	0.07	<0.1	0.02	3	<0.1	<0.05	4	<0.5	<0.2
131613	Soil	0.4	15.7	3.2	56<0.1	29.5	9.2	190	2.81	3.5	0.2	<0.5	0.9	27<0.1	0.2	<0.1	44	0.3	0.058	4	29	0.54	97	0.124	<20	1.7	0.022	0.08	<0.1	<0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
131614	Soil	0.4	11.6	4.5	92<0.1	18.9	6	290	1.85	2.9	0.3	1	0.7	24<0.1	0.3	<0.1	40	0.29	0.03	5	23	0.33	57	0.105	<20	1.21	0.016	0.09	<0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
131615	Soil	0.5	9.7	5.1	71<0.1	20.1	8.3	248	1.96	3.1	0.2	1.1	0.7	20<0.1	0.3	<0.1	41	0.23	0.07	4	21	0.28	93	0.085	<20	1.68	0.011	0.06	<0.1	0.01	2.1	<0.1	<0.05	5	<0.5	<0.2
131616	Soil	0.3	12	4	30<0.1	13.3	5.9	156	1.95	2	0.3	<0.5	0.9	33<0.1	0.2	<0.1	51	0.26	0.032	4	24	0.23	67	0.124	<20	1.19	0.016	0.04	<0.1	0.02	2	<0.1	0.09	4	<0.5	<0.2
131617	Soil	0.3	7.6	3.2	45<0.1	13.6	4.6	214	1.4	1.1	0.2	<0.5	0.6	19<0.1	0.1	<0.1	37	0.22	0.032	4	17	0.21	59	0.083	<20	1.05	0.014	0.05	<0.1	0.02	1.8	<0.1	<0.05	3	<0.5	0.3
131618	Soil	0.3	9.2	4.1	47<0.1	14.6	5.6	299	1.59	1.7	0.2	1.1	0.5	26<0.1	0.2	<0.1	40	0.28	0.021	4	19	0.26	59	0.095	<20	1.14	0.016	0.05	<0.1	0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
131619	Soil	0.5	11.6	3.6	73<0.1	22.5	7.8	298	2.13	2.8	0.2	1.3	0.5	28<0.1	0.3	0.1	50	0.27	0.032	4	28	0.29	73	0.101	<20	1.62	0.012	0.06	<0.1	<0.01	2	<0.1	<0.05	5	<0.5	<0.2
131620	Soil	0.3	11.2	3.7	37<0.1	12.6	5.1	157	1.72	1.9	0.2	<0.5	0.7	32<0.1	0.2	<0.1	48	0.25	0.021	4	21	0.22	76	0.101	<20	1.11	0.014	0.04	<0.1	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
131621	Soil	0.4	8.6	3.8	41<0.1	11.5	6.4	332	1.52	1.6	0.2	<0.5	0.7	33<0.1	0.2	<0.1	43	0.24	0.026	5	19	0.24	74	0.096	<20	1.07	0.016	0.04	<0.1	0.02	2	<0.1	<0.05	3	<0.5	<0.2
131622	Soil	0.3	14.2	3.7	43<0.1	13.7	5.5	191	2.05	3.1	0.3	0.9	0.9	31<0.1	0.3	<0.1	53	0.26	0.029	4	24	0.34	65	0.124	<20	1.12	0.02	0.06	<0.1	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
131623	Soil	0.3	10.9	4.3	80<0.1	11.4	8	416	1.71	1.8	0.3	<0.5	0.8	35	0.1	0.2	43	0.38	0.018	4	23	0.25	49	0.091	<20	1.07	0.018	0.07	<0.1	0.04	3.2	<0.1	<0.05	3	<0.5	<0.2
131624	Soil	0.2	9.5	4.7	33<0.1	9.3	4.8	160	1.57	1.9	0.3	<0.5	0.8	31<0.1	0.3	<0.1	43	0.27	0.017	4	20	0.24	49	0.117	<20	0.89	0.02	0.06	<0.1	<0.01	2.5	<0.1	<0.05	3	<0.5	<0.2
131625	Soil	0.2	8.1	4.1	30<0.1	9.7	3.4	123	1.24	1.4	0.3	7.1	0.7	29<0.1	0.1	<0.1	34	0.24	0.019	4	16	0.22	49	0.108	<20	0.89	0.017	0.04	<0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
131626	Soil	0.2	8.3	3.8	40<0.1	11.2	4.1	152	1.28	1.2	0.2	<0.5	0.8	24<0.1	0.2	<0.1	34	0.23	0.021	4	17	0.25	53	0.099	<20	1.07	0.013	0.04	<0.1	0.01	2	<0.1	<0.05	3	<0.5	<0.2
131627	Soil	0.2	8.6	3.5	40<0.1	13	5.4	193	1.45	1.6	0.2	2.2	0.7	27<0.1	0.2	<0.1	41	0.27	0.021	5	19	0.25	49	0.105	<20	1.07	0.018	0.04	<0.1	0.01	2.2	<0.1	<0.05	3	<0.5	<0.2
131628	Soil	0.3	12.2	3.3	35<0.1	17.2	5.3	165	1.75	2	0.3	<0.5	1	23<0.1	0.2	<0.1	42	0.23	0.029	4	23	0.31	66	0.11	<20	1.27	0.018	0.05	<0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
131629	Soil	0.4	7.6	3.1	35<0.1	11.2	4.5	182	1.51	1.4	0.2	<0.5	0.6	29<0.1	0.2	<0.1	42	0.22	0.039	3	18	0.18	73	0.095	<20	0.94	0.014	0.05	<0.1	0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
131630	Soil	0.3	12.4	3.2	29<0.1	13.3	5.5	153	1.99	2.8	0.2	0.8	1.1	34<0.1	0.3	<0.1	58	0.27	0.027	4	25	0.24	55	0.135	<20	0.94	0.017	0.06	<0.1	<0.01	2.6	<0.1	<0.05	3	<0.5	<0.2
131631	Soil	0.3	8.4	3.6	44<0.1	15.8	6	204	1.79	1.3	0.2	1	0.8	26<0.1	0.2	<0.1	48	0.22	0.041	4	21	0.24	85	0.12	<20	1.23	0.014	0.06	<0.1	0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
131632	Soil	0.3	8	3.8	44<0.1	14.5	5.9	213	1.58	1.4	0.2	<0.5	0.9	28<0.1	0.1	<0.1	43	0.22	0.034	4	19	0.22	68	0.108	<20	1.19	0.024	0.05	<0.1	0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
131633	Soil	0.2	12	3.5	25<0.1	11.3	4.7	134	1.72	2	0.2	<0.5	0.8	40<0.1	0.2	<0.1	52	0.26	0.013	4	21	0.24	74	0.136	<20	0.89	0.023	0.04	<0.1	0.01	2.1	<0.1	<0.05	3	<0.5	<0.2
131634	Soil	0.2	13.5	4.3	29<0.1	11.8	4.8	159	1.58	1.9	0.3	<0.5	1.1	39<0.1	0.2	<0.1	46	0.3	0.027	6	20	0.31	90	0.126	<20	1.07	0.023	0.03	<0.1	<0.01	2.3	<0.1	<0.05	3	<0.5	<0.2
131635	Soil	0.3	10.6	4.3	33<0.1	13.7	4.9	174	1.63	1.8	0.2	<0.5	0.9	30<0.1	0.2	<0.1	47	0.23	0.015	5	23	0.26	76	0.118	<20	0.99	0.017	0.04	<0.1	0.01	2	<0.1	<0.05	3	<0.5	<0.2
131636	Soil	0.3	11	4	48<0.1	15.9	5.5	211	1.62	1.8	0.3	<0.5	0.9	33<0.1	0.2	<0.1	42	0.27	0.035	5	22	0.29	69	0.121	<20	1.12	0.023	0.05	<0.1	0.02	2.5	<0.1	<0.05	3	<0.5	<0.2
131637	Soil	0.6	9.6	4.3	49<0.1	24.7	9.5	355	2.08	1.8	0.2	<0.5	1	25<0.1	0.1	<0.1	50	0.23	0.089	4	25	0.26	119	0.092	<20	1.53	0.014	0.17	<0.1	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
131638	Soil	0.3	9.1	3.8	34<0.1	14.7	6.4	322	1.61	1.5	0.3	<0.5	0.9	25<0.1	0.1	<0.1																				

131732	Soil	0.7	8.7	5	76	<0.1	23.4	8.6	368	1.98	3.3	0.2	5	0.6	17	<0.1	0.2	<0.1	51	0.2	0.072	3	23	0.26	109	0.098	<20	1.86	0.009	0.06	<0.1	0.01	1.9	<0.1	<0.05	6	<0.5	<0.2
131733	Soil	0.2	4.7	4.1	32	<0.1	9	4.1	162	1.25	1.1	0.2	<0.5	0.7	24	<0.1	0.1	<0.1	34	0.25	0.009	4	16	0.19	51	0.109	<20	0.83	0.017	0.04	<0.1	<0.01	1.8	<0.1	<0.05	2	<0.5	<0.2
131734	Soil	0.3	7.3	4.5	42	<0.1	13.8	5.3	200	1.46	1.4	0.2	<0.5	0.7	22	<0.1	0.1	<0.1	41	0.19	0.023	3	19	0.19	69	0.103	<20	1.17	0.016	0.05	<0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
131735	Soil	0.6	11.9	4.8	58	<0.1	24.3	25.1	1157	2.51	4.8	0.3	2.4	1	29	0.1	0.2	<0.1	62	0.36	0.03	7	37	0.28	86	0.11	<20	1.54	0.014	0.09	<0.1	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
131736	Soil	0.6	9	4.9	79	<0.1	23.1	10	350	2.15	3.2	0.1	6.8	0.8	17	<0.1	0.2	<0.1	50	0.2	0.053	3	26	0.28	90	0.099	<20	1.77	0.011	0.07	<0.1	0.01	2.1	<0.1	<0.05	5	<0.5	<0.2
131737	Soil	0.2	6.3	5.8	64	<0.1	13.4	4.2	129	1.4	1.9	0.2	<0.5	0.6	20	<0.1	0.1	<0.1	38	0.23	0.013	3	21	0.19	47	0.107	<20	0.86	0.015	0.06	<0.1	<0.01	1.8	<0.1	<0.05	3	<0.5	<0.2
131738	Soil	0.3	9.7	7.1	56	<0.1	12.7	6	256	1.71	2.9	0.2	1.2	0.7	22	<0.1	0.2	<0.1	42	0.24	0.021	3	19	0.28	51	0.104	<20	1.08	0.017	0.06	<0.1	<0.01	2.2	<0.1	<0.05	3	<0.5	<0.2
131739	Soil	0.3	6.2	3.8	47	<0.1	14.7	5.7	265	1.6	1.5	0.2	<0.5	0.7	19	<0.1	0.2	<0.1	47	0.23	0.02	4	22	0.19	58	0.11	<20	1.02	0.015	0.05	<0.1	<0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
131740	Soil	0.2	6.9	3.9	31	<0.1	10.9	3.8	113	1.28	1.4	0.2	2	0.7	20	<0.1	0.2	<0.1	33	0.24	0.017	4	19	0.21	47	0.12	<20	0.9	0.014	0.04	<0.1	<0.01	1.8	<0.1	<0.05	3	<0.5	<0.2
131741	Soil	0.3	12.2	3.6	44	<0.1	18.3	8.7	269	1.93	2.4	0.2	<0.5	0.8	22	<0.1	0.2	<0.1	52	0.24	0.036	3	29	0.23	67	0.117	<20	1.22	0.019	0.05	<0.1	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
131742	Soil	0.3	6.9	3.7	40	<0.1	17.1	6.3	114	1.69	1.8	0.2	<0.5	0.6	19	<0.1	0.2	<0.1	45	0.18	0.027	3	23	0.19	79	0.109	<20	1.36	0.012	0.04	<0.1	<0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
131743	Soil	0.3	11.5	3.4	44	<0.1	21.6	9.2	186	2.09	2.8	0.2	<0.5	0.8	18	<0.1	0.3	<0.1	52	0.22	0.039	4	30	0.27	57	0.118	<20	1.47	0.012	0.05	<0.1	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
131744	Soil	0.4	6.9	4.1	51	<0.1	18.5	7.1	341	1.76	1.6	0.2	<0.5	0.7	19	<0.1	0.2	<0.1	44	0.21	0.029	3	25	0.22	88	0.115	<20	1.53	0.011	0.05	<0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
131745	Soil	0.7	8.4	4.5	85	<0.1	29.6	9.9	241	2.28	2.8	0.2	<0.5	0.9	18	<0.1	0.2	<0.1	55	0.2	0.05	3	31	0.25	106	0.113	<20	2.1	0.018	0.06	<0.1	<0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
131746	Soil	0.3	8.2	4.1	67	<0.1	19.8	7.7	317	1.71	1.7	0.2	<0.5	0.5	24	<0.1	0.1	<0.1	43	0.23	0.039	4	21	0.22	95	0.096	<20	1.53	0.014	0.04	<0.1	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
131747	Soil	0.4	8.2	4.2	58	<0.1	24.4	7.9	198	1.9	2	0.2	<0.5	0.8	16	<0.1	0.2	<0.1	44	0.17	0.042	3	25	0.25	101	0.103	<20	1.71	0.011	0.04	<0.1	0.01	1.7	<0.1	<0.05	5	<0.5	<0.2
131748	Soil	0.4	7.4	4.3	47	<0.1	21.1	7.4	267	1.75	1.8	0.2	<0.5	0.7	20	<0.1	0.2	<0.1	49	0.19	0.025	3	28	0.22	82	0.111	<20	1.45	0.012	0.05	<0.1	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
131749	Soil	0.3	10.4	3.7	37	<0.1	23.2	11.1	353	2.29	2.4	0.2	<0.5	0.8	19	<0.1	0.2	<0.1	64	0.19	0.017	4	35	0.24	65	0.128	<20	1.46	0.014	0.04	<0.1	<0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
131750	Soil	0.4	11.3	4	36	<0.1	20.9	9	168	2.21	3	0.2	<0.5	1	19	<0.1	0.2	<0.1	60	0.2	0.025	4	33	0.28	78	0.124	<20	1.6	0.011	0.04	<0.1	<0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
131751	Soil	0.3	6.1	4.5	24	<0.1	12.3	5.7	179	1.37	1.1	0.2	<0.5	0.8	25	<0.1	<0.1	<0.1	40	0.22	0.014	3	9	0.16	82	0.11	<20	1.12	0.012	0.04	<0.1	<0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
131752	Soil	0.4	8.2	3.5	61	<0.1	22.6	8.5	315	1.96	1.4	0.2	<0.5	0.7	21	<0.1	0.1	<0.1	48	0.23	0.022	4	27	0.25	71	0.128	<20	1.51	0.014	0.07	<0.1	<0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
131753	Soil	0.4	7.3	3.4	52	<0.1	19.9	7.7	374	1.77	1.4	0.2	<0.5	0.6	22	<0.1	0.1	<0.1	43	0.22	0.041	3	22	0.19	96	0.105	<20	1.31	0.012	0.04	<0.1	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
131754	Soil	0.4	8.1	4.1	51	<0.1	19.3	6.5	207	1.82	1.5	0.2	<0.5	0.8	19	<0.1	0.2	<0.1	43	0.23	0.029	3	27	0.26	65	0.129	<20	1.26	0.016	0.05	<0.1	<0.01	2	<0.1	<0.05	4	<0.5	<0.2
131755	Soil	0.3	8	3.4	41	<0.1	17.9	7.6	348	1.82	1.3	0.2	<0.5	0.7	25	<0.1	0.1	<0.1	44	0.22	0.03	3	23	0.2	85	0.123	<20	1.32	0.015	0.05	<0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
131756	Soil	0.3	6.2	4.3	44	<0.1	14.8	5.7	165	1.67	1.6	0.2	<0.5	1.1	17	<0.1	0.1	<0.1	41	0.16	0.027	5	22	0.24	58	0.092	<20	1.07	0.012	0.04	<0.1	<0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
131757	Soil	0.4	7.5	4.5	48	<0.1	17.2	7.2	504	1.74	1.3	0.2	<0.5	0.6	29	<0.1	<0.1	<0.1	44	0.21	0.032	3	20	0.24	100	0.117	<20	1.49	0.018	0.05	<0.1	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
131758	Soil	0.4	10	4	45	<0.1	20.1	8.1	236	2.12	2.2	0.2	<0.5	0.8	23	<0.1	0.2	<0.1	55	0.26	0.031	4	30	0.25	72	0.12	<20	1.4	0.015	0.06	<0.1	<0.01	2.2	<0.1	<0.05	4	<0.5	<0.2
131759	Soil	0.3	9.9	3.9	55	<0.1	22.6	8.3	252	2.05	2.6	0.2	<0.5	0.7	22	<0.1	0.2	<0.1	51	0.24	0.051	4	26	0.26	72	0.103	<20	1.45	0.016	0.05	<0.1	<0.01	2.2	<0.1	<0.05	4	<0.5	<0.2
131761	Soil	0.3	7.4	5.1	44	<0.1	15.3	5.7	172	1.53	1.1	0.2	<0.5	1.5	20	<0.1	0.1	<0.1	37	0.19	0.025	7	19	0.23	71	0.093	<20	1.15	0.011	0.04	<0.1	<0.01	2	<0.1	<0.05	3	<0.5	<0.2
131762	Soil	0.3	9.1	4.8	40	<0.1	14.6	5.3	193	1.55	1.2	0.2	<0.5	0.9	25	<0.1	0.1	<0.1	41	0.23	0.023	4	22	0.24	62	0.119	<20	1.27	0.016	0.05	<0.1	<0.01	2.2	<0.1	<0.05	4	<0.5	<0.2
131763	Soil	0.3	9.8	4.4	23	<0.1	11.4	4.6	150	1.37	1.3	0.2	<0.5	1	30	<0.1	0.1	<0.1	39	0.26	0.018	4	20	0.26	60	0.135	<20	1.08	0.019	0.04	<0.1	<0.01	2.4	<0.1	<0.05	3	<0.5	<0.2
131764	Soil	0.4	8.9	4.9	51	<0.1	16.2	6.5	318	1.67	1.4	0.2	2	1.1	23	<0.1	0.1	<0.1	43	0.2	0.033	5	21	0.26	101	0.099	<20	1.44	0.011	0.04	<0.1	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
131765	Soil	0.3	11.5	3.3	27	<0.1	12.6	4.7	193	1.45	1.8	0.5	1.4	0.7	25	<0.1	0.1	<0.1	42	0.3	0.019	5	19	0.24	39	0.085	<20	1.19	0.018	0.04	<0.1	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
131766	Soil	0.2	12.2	4.2	38	<0.1	11.2	4.7	134	1.65	2.2	0.4	1.2	0.8	45	<0.1	0.2	<0.1	39	0.47	0.015	5	23	0.29	44	0.083	<20	1.36	0.023	0.03	<0.1	0.03	3.6	<0.1	<0.05	4	<0.5	<0.2
131767	Soil	0.3	6	3.6	34	<0.1	10.1	5.2	161	1.25	1.5	0.3	1.1	0.5	28	<0.1	<0.1	<0.1	31	0.31	0.019	4	15	0.18	38	0.068	<20	0.98	0.02	0.04	<0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
131768	Soil	0.3	9.5	4.2	41	<0.1	13.4	6.3	196	1.94	2.5	0.2	0.8	0.5	38	<0.1	0.1	0.1	44	0.41	0.024	4	18	0.27	51	0.071	<20	1.43	0.015	0.08	<0.1	<0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
131769																																						

131803	Soil	0.2	10.1	3.9	41	<0.1	12.1	4.2	154	1.4	1.7	0.7	0.8	0.9	34	<0.1	0.1	<0.1	39	0.32	0.016	5	20	0.29	54	0.104	<20	0.96	0.021	0.05	<0.1	0.02	2.6	<0.1	<0.05	3	<0.5	<0.2
131804	Soil	0.2	18.3	4.8	39	<0.1	17.8	5.8	256	1.82	2.5	0.8	2.6	0.9	47	<0.1	0.1	<0.1	40	0.59	0.022	6	18	0.4	78	0.08	<20	1.53	0.038	0.04	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
131805	Soil	1	60.6	4.5	39	0.2	37.8	6.8	219	2.27	3.1	4.7	3.1	1.2	96	0.2	0.3	0.1	45	1.1	0.048	14	36	0.61	125	0.068	<20	1.65	0.047	0.07	<0.1	0.05	4.5	<0.1	<0.05	5	<0.5	<0.2
131806	Soil	0.3	34.7	4.8	40	0.1	21.5	7.7	214	2.5	2.8	0.7	0.8	1.3	65	<0.1	0.2	0.1	47	0.75	0.022	9	28	0.65	97	0.081	<20	1.8	0.045	0.05	<0.1	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
131807	Soil	0.3	33.1	4.4	37	0.1	28.5	8.8	295	2.47	3.5	0.5	1	0.8	122	0.2	0.2	<0.1	47	2.89	0.051	10	28	0.69	112	0.068	<20	1.71	0.05	0.07	<0.1	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2
131808	Soil	0.3	22.8	5.5	39	<0.1	19.8	8.3	685	2.41	2.5	0.7	<0.5	1.3	57	<0.1	0.2	0.1	48	0.83	0.027	13	25	0.52	103	0.078	<20	1.81	0.033	0.07	<0.1	0.04	4.4	<0.1	<0.05	5	<0.5	<0.2
131809	Soil	0.4	9	7.8	42	<0.1	11.8	5.1	318	1.73	1.5	0.4	1	1.1	35	<0.1	0.2	<0.1	44	0.34	0.018	6	24	0.27	79	0.131	<20	1.17	0.027	0.08	<0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
131810	Soil	0.4	10.3	4.5	53	<0.1	16.8	5.9	304	1.71	2	0.3	<0.5	1.1	32	<0.1	0.3	<0.1	42	0.29	0.026	6	23	0.3	75	0.118	<20	1.19	0.023	0.06	<0.1	0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
131811	Soil	0.5	13.6	4.2	63	<0.1	17.7	8.1	384	2.19	4.9	0.2	2.9	0.6	30	<0.1	0.7	<0.1	51	0.34	0.036	6	23	0.33	78	0.11	<20	1.5	0.02	0.07	<0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
131812	Soil	0.4	12.2	4	39	<0.1	14.8	6.3	215	2.06	2.7	0.2	<0.5	0.9	30	<0.1	0.3	0.1	54	0.28	0.03	4	26	0.28	71	0.142	<20	1.29	0.025	0.06	<0.1	0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
131813	Soil	0.3	8.7	4.8	49	<0.1	13.6	5.5	233	1.74	2.3	0.3	<0.5	0.9	27	<0.1	0.2	0.3	43	0.29	0.02	4	22	0.29	62	0.133	<20	1.12	0.021	0.06	<0.1	0.01	2.6	<0.1	<0.05	4	<0.5	<0.2
131814	Soil	0.3	9.3	4.8	49	<0.1	15.7	5.6	252	1.7	1.9	0.2	0.7	0.8	26	<0.1	0.2	<0.1	43	0.27	0.023	5	24	0.24	63	0.123	<20	1.24	0.021	0.06	<0.1	0.01	2.2	<0.1	<0.05	4	<0.5	<0.2
131815	Soil	0.2	10	5.7	55	<0.1	16.6	5.5	200	1.92	2.1	0.3	<0.5	0.9	23	<0.1	0.2	<0.1	43	0.24	0.025	4	25	0.3	73	0.126	<20	1.44	0.023	0.07	<0.1	<0.01	2.6	<0.1	<0.05	4	<0.5	<0.2
131816	Soil	0.6	8.4	5.9	60	<0.1	22	5.5	240	1.72	1.3	0.2	<0.5	0.9	26	<0.1	0.2	<0.1	39	0.26	0.023	5	35	0.27	75	0.126	<20	1.45	0.021	0.06	<0.1	<0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
131817	Soil	0.4	8.6	3.8	44	<0.1	16.4	6.7	332	1.74	1.2	0.2	<0.5	0.8	26	<0.1	0.2	<0.1	43	0.25	0.019	5	26	0.24	76	0.131	<20	1.38	0.019	0.06	<0.1	0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
131818	Soil	0.3	8.4	4	40	<0.1	17.4	5.8	180	1.72	1.4	0.2	<0.5	0.8	25	<0.1	0.1	<0.1	42	0.2	0.02	3	27	0.24	87	0.122	<20	1.55	0.016	0.06	<0.1	<0.01	2	<0.1	<0.05	4	<0.5	<0.2
131819	Soil	0.5	6.4	4.7	86	<0.1	21.7	6.8	439	1.85	1.6	0.2	<0.5	0.7	19	<0.1	0.2	<0.1	44	0.2	0.031	3	23	0.23	95	0.112	<20	1.58	0.017	0.07	<0.1	0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
131820	Soil	0.4	18.9	4.2	49	<0.1	29.1	10.4	353	3.33	3.1	0.8	1.3	1.6	46	<0.1	0.2	0.1	50	0.56	0.026	7	44	0.64	83	0.125	<20	1.92	0.044	0.1	<0.1	0.02	6.1	<0.1	<0.05	6	<0.5	<0.2
131821	Soil	0.2	25.1	3.4	37	<0.1	32.5	8.4	257	2.59	5.5	1.2	1.2	0.6	88	0.1	0.4	<0.1	57	1.24	0.048	8	31	0.65	86	0.083	<20	1.43	0.063	0.06	<0.1	0.03	3.6	<0.1	<0.05	4	<0.5	<0.2
131823	Soil	0.4	6	4.2	48	<0.1	14.8	5.3	285	1.59	1.2	0.2	<0.5	0.5	23	<0.1	0.1	<0.1	41	0.21	0.037	3	17	0.2	73	0.102	<20	1.34	0.017	0.05	<0.1	<0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
131836	Soil	0.2	9	6.3	30	<0.1	11.8	5.8	215	1.7	1.5	0.2	1.3	0.6	36	<0.1	0.2	<0.1	45	0.33	0.024	4	20	0.25	48	0.124	<20	1.04	0.029	0.06	<0.1	0.01	2.3	<0.1	<0.05	3	<0.5	<0.2
131837	Soil	0.3	13.4	4.1	25	<0.1	14.4	6.1	335	1.92	2.1	0.5	1	0.8	68	<0.1	0.3	<0.1	39	1.17	0.034	5	20	0.42	66	0.082	<20	1.21	0.057	0.04	<0.1	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
131838	Soil	0.4	10.1	5.5	40	<0.1	16.8	5.6	357	1.78	1.8	0.2	<0.5	0.8	36	<0.1	0.2	<0.1	46	0.42	0.03	8	17	0.21	75	0.088	<20	1.39	0.023	0.05	<0.1	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
131839	Soil	0.2	19.9	4.4	27	<0.1	17.6	7.6	243	2.3	2.5	0.3	0.7	1	81	0.1	0.2	<0.1	44	1.34	0.034	9	24	0.49	77	0.088	<20	1.56	0.054	0.03	<0.1	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2
131840	Soil	0.3	8.2	4.4	36	<0.1	14.7	5.5	164	1.78	1.9	0.2	0.7	1	25	<0.1	0.2	<0.1	44	0.25	0.042	4	20	0.24	64	0.104	<20	1.32	0.02	0.04	<0.1	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
131841	Soil	0.4	7.6	3.8	44	<0.1	13.6	5.6	236	1.83	1.3	0.2	<0.5	0.8	32	<0.1	0.2	<0.1	49	0.29	0.022	4	21	0.24	80	0.124	<20	1.24	0.029	0.05	<0.1	0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
131842	Soil	0.5	9.2	3.6	58	<0.1	22.7	7.5	230	2.18	2.3	0.2	35.4	0.9	28	<0.1	0.2	<0.1	51	0.23	0.061	4	24	0.27	98	0.105	<20	1.95	0.013	0.05	<0.1	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
131843	Soil	0.3	9.3	4.1	38	<0.1	15.2	6	180	1.74	1.7	0.2	<0.5	1	34	<0.1	0.2	<0.1	43	0.27	0.032	5	22	0.24	74	0.128	<20	1.35	0.024	0.04	<0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
131844	Soil	0.4	8.6	4.1	41	<0.1	15.5	6	206	1.94	1.8	0.2	0.8	1	24	<0.1	0.2	<0.1	50	0.25	0.031	4	23	0.21	65	0.117	<20	1.14	0.017	0.05	<0.1	0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
131845	Soil	0.3	9.9	8.5	34	<0.1	14.4	6.4	161	2.05	2.4	0.3	<0.5	0.7	39	<0.1	0.3	<0.1	51	0.33	0.028	4	23	0.29	62	0.134	<20	1.36	0.029	0.04	<0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
131846	Soil	0.3	7.3	4	33	<0.1	11.3	4.8	226	1.71	1.5	0.2	0.7	0.7	31	<0.1	0.2	<0.1	47	0.29	0.018	4	20	0.21	59	0.124	<20	1.05	0.026	0.05	<0.1	0.01	1.8	<0.1	<0.05	3	<0.5	<0.2
131847	Soil	0.3	8.2	4.3	24	<0.1	9.9	5.6	152	2.06	1.8	0.5	1.7	0.9	39	<0.1	0.2	<0.1	46	0.44	0.012	4	22	0.24	48	0.118	<20	1.29	0.027	0.06	<0.1	0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
131848	Soil	0.2	7.6	4.2	31	<0.1	14.6	5.7	239	1.82	1.6	0.3	<0.5	0.7	47	<0.1	0.1	<0.1	39	0.39	0.021	4	19	0.23	51	0.089	<20	1.4	0.027	0.06	<0.1	0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
131849	Soil	0.4	12.5	4.7	33	<0.1	18.3	8.6	686	2.31	2.2	0.3	<0.5	0.9	45	<0.1	0.2	<0.1	47	0.58	0.02	6	26	0.31	72	0.098	<20	1.74	0.026	0.09	<0.1	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
131850	Soil	0.3	9.9	3.9	46	<0.1	16.1	5.8	154	1.81	1.6	0.3	<0.5	1.5	28	<0.1	0.2	<0.1	42	0.25	0.034	7	22	0.28	51	0.093	<20	1.21	0.023	0.05	<0.1	<0.01	2	<0.1	<0.05	4	<0.5	<0.2
131851	Soil	0.4	8.1	4	35	<0.1	12	4.9	171	1.77	1.8	0.3	0.8	1.1	35	<0.1	0.2	<0.1	46	0.31	0.019	6	21	0.23	54	0.105	<20	1.09	0.024	0.05	<0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
131852	Soil	0.2	5.2	2.6	27	<0.1	8.7	4	132	1.12																												

131881	Soil	0.3	12.1	4.1	43<0.1	16.2	8.8	314	1.94	3.4	0.2	1.1	1.1	23<0.1	0.4	<0.1	54	0.23	0.019	5	23	0.32	71	0.112	<20	1.13	0.012	0.05	<0.1	0.02	2.6	<0.1	<0.05	3	<0.5	<0.2	
131882	Soil	0.4	9.9	3.8	69<0.1	19.5	6.7	198	1.74	2.3	0.2	0.6	1.1	20<0.1	0.2	<0.1	43	0.24	0.035	4	24	0.32	68	0.099	<20	1.24	0.013	0.06	<0.1	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2	
131883	Soil	0.3	10.2	4.3	39<0.1	15.9	6.2	187	1.68	1.6	0.2	0.6	0.8	27<0.1	0.1	<0.1	47	0.23	0.028	4	23	0.23	78	0.118	<20	1.3	0.012	0.05	<0.1	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2	
131884	Soil	0.3	5.5	4.2	68<0.1	12.5	4.3	208	1.28	1.3	0.2	7.9	0.8	20<0.1	<0.1	<0.1	35	0.22	0.034	3	15	0.2	78	0.105	<20	1.08	0.013	0.05	<0.1	0.01	1.7	<0.1	<0.05	4	<0.5	<0.2	
131885	Soil	0.4	9.8	4.7	48<0.1	16.1	7.7	350	1.65	2	0.2	1.2	0.9	23<0.1	0.2	<0.1	45	0.23	0.028	5	21	0.26	70	0.109	<20	1.34	0.011	0.06	<0.1	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2	
131886	Soil	0.3	7.8	3.4	51<0.1	18	6.8	249	1.7	1.9	0.2	1.5	0.8	19<0.1	0.2	<0.1	44	0.21	0.037	4	22	0.24	75	0.106	<20	1.22	0.013	0.05	<0.1	0.02	2	<0.1	<0.05	4	<0.5	<0.2	
131887	Soil	0.4	11.8	6.7	55<0.1	19.9	7.2	235	2.14	2.6	0.2	<0.5	0.9	24<0.1	0.3	<0.1	53	0.25	0.043	4	27	0.27	79	0.119	<20	1.52	0.014	0.06	<0.1	<0.01	2.3	<0.1	<0.05	5	<0.5	<0.2	
131888	Soil	0.5	11.4	3.6	39<0.1	20.4	8.5	201	2.2	2.4	0.2	0.8	0.9	25<0.1	0.2	<0.1	60	0.24	0.039	4	32	0.24	74	0.134	<20	1.65	0.021	0.04	<0.1	<0.01	2.4	<0.1	<0.05	4	<0.5	<0.2	
131889	Soil	0.6	11.7	6.4	92<0.1	25.7	10.1	463	2.11	3.4	0.2	<0.5	0.9	20<0.1	0.3	<0.1	49	0.24	0.049	4	25	0.32	109	0.108	<20	1.88	0.013	0.07	<0.1	<0.01	2.3	<0.1	<0.05	5	<0.5	<0.2	
131890	Soil	0.3	10.1	4.1	42<0.1	18.9	6.8	199	1.89	1.5	0.2	<0.5	0.8	24<0.1	0.2	<0.1	47	0.25	0.044	4	25	0.23	75	0.14	<20	1.49	0.017	0.06	<0.1	<0.01	1.9	<0.1	<0.05	4	<0.5	<0.2	
131891	Soil	0.8	12.3	5.6	71<0.1	17.4	10.5	432	2.59	3.6	0.2	1.2	0.8	24<0.1	0.5	0.1	65	0.3	0.038	3	29	0.33	67	0.127	<20	1.38	0.022	0.09	<0.1	<0.01	2.8	<0.1	<0.05	4	<0.5	<0.2	
131892	Soil	0.2	6.7	4.9	34<0.1	9.3	6	168	1.44	1.6	0.2	<0.5	0.6	21<0.1	0.2	<0.1	41	0.23	0.013	3	16	0.21	66	0.108	<20	0.87	0.021	0.05	<0.1	0.01	1.8	<0.1	0.07	3	<0.5	<0.2	
131893	Soil	0.6	8.5	4.6	56<0.1	14.1	10	831	2.08	2.2	0.5	0.5	0.8	30<0.1	0.2	<0.1	53	0.36	0.02	4	24	0.24	74	0.099	<20	1.27	0.021	0.07	<0.1	0.03	2.8	<0.1	0.06	4	<0.5	<0.2	
131894	Soil	0.3	6.5	3.4	27<0.1	9.7	4.7	149	1.26	1	0.2	<0.5	0.7	21<0.1	0.1	<0.1	39	0.19	0.019	3	15	0.16	58	0.1	<20	0.86	0.015	0.04	<0.1	0.01	1.5	<0.1	0.05	3	<0.5	<0.2	
131895	Soil	0.4	8.1	4.8	60<0.1	17.4	6.4	210	1.69	1.9	0.2	<0.5	0.6	17<0.1	0.2	<0.1	46	0.21	0.041	3	21	0.23	59	0.105	<20	1.16	0.016	0.05	<0.1	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2	
131896	Soil	0.6	9.6	6.1	64<0.1	17.7	8.7	736	1.74	2.2	0.2	<0.5	0.5	22<0.1	0.2	<0.1	43	0.23	0.055	4	21	0.23	95	0.087	<20	1.53	0.014	0.05	<0.1	0.02	2	<0.1	<0.05	4	<0.5	<0.2	
131897	Soil	0.3	6.7	3.6	50<0.1	17.3	8	189	1.78	1.5	0.2	<0.5	0.7	19<0.1	0.1	<0.1	46	0.23	0.027	3	24	0.23	84	0.106	<20	1.35	0.013	0.03	<0.1	0.01	2	<0.1	<0.05	4	<0.5	<0.2	
131898	Soil	0.3	8.7	3.9	57<0.1	16	5.5	202	1.48	1.2	0.2	<0.5	0.6	17<0.1	0.1	0.1	39	0.19	0.02	3	18	0.25	57	0.107	<20	1.26	0.014	0.05	<0.1	0.01	2	<0.1	<0.05	4	<0.5	<0.2	
131899	Soil	0.2	5	3.6	42<0.1	12.6	6.4	216	1.29	1.1	0.2	0.9	0.6	19<0.1	<0.1	<0.1	37	0.21	0.012	3	16	0.21	57	0.099	<20	0.92	0.016	0.04	<0.1	0.01	1.8	<0.1	<0.05	3	<0.5	<0.2	
131900	Soil	0.4	8.1	3.6	64<0.1	21.1	7.1	268	1.67	1.7	0.2	<0.5	0.7	16<0.1	0.2	<0.1	40	0.18	0.034	3	24	0.24	105	0.113	<20	1.49	0.014	0.05	<0.1	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2	
131901	Soil	0.3	8.4	3.5	41<0.1	16.1	6.8	250	1.59	1.7	0.2	0.8	0.8	17<0.1	0.2	<0.1	39	0.2	0.02	3	23	0.25	77	0.112	<20	1.23	0.013	0.05	<0.1	0.01	2.1	<0.1	<0.05	4	<0.5	<0.2	
131902	Soil	0.3	7	3	46<0.1	16.7	6	161	1.46	1.1	0.2	6.6	0.6	16<0.1	0.1	<0.1	39	0.16	0.02	3	20	0.22	67	0.107	<20	1.22	0.014	0.06	<0.1	<0.01	1.6	<0.1	<0.05	4	<0.5	<0.2	
131903	Soil	0.2	6.3	4	33<0.1	10.1	3.9	129	1.08	0.8	0.2	<0.5	0.6	21<0.1	<0.1	<0.1	32	0.22	0.017	3	18	0.22	56	0.114	<20	0.96	0.015	0.04	<0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2	
131904	Soil	0.5	6.6	4.1	73<0.1	20.8	6.2	303	1.44	1.2	0.2	<0.5	0.8	16<0.1	0.1	<0.1	38	0.17	0.021	3	20	0.24	77	0.104	<20	1.41	0.012	0.05	<0.1	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2	
131905	Soil	0.4	8	3.3	55<0.1	20	8.4	317	1.69	1.5	0.2	<0.5	0.6	17<0.1	0.2	<0.1	45	0.19	0.027	3	24	0.24	78	0.112	<20	1.3	0.013	0.05	<0.1	0.01	1.9	<0.1	<0.05	4	<0.5	<0.2	
131906	Soil	0.4	8.4	3.5	68<0.1	25.2	9.4	423	2.04	1.7	0.2	<0.5	0.8	16<0.1	0.2	<0.1	50	0.19	0.043	3	28	0.25	85	0.119	<20	1.64	0.014	0.07	<0.1	0.01	2.2	<0.1	<0.05	5	<0.5	<0.2	
131907	Soil	0.4	8.1	3.1	52<0.1	22	8	223	1.91	1.3	0.2	3.1	0.6	20<0.1	0.1	<0.1	50	0.21	0.04	3	26	0.24	74	0.126	<20	1.4	0.016	0.05	<0.1	0.06	2.1	<0.1	<0.05	4	<0.5	<0.2	
131908	Soil	0.4	9.1	4	31<0.1	12.7	8.1	206	1.87	1.3	0.2	<0.5	0.7	28<0.1	0.2	<0.1	48	0.27	0.016	3	26	0.24	67	0.125	<20	1.16	0.027	0.04	<0.1	<0.01	2.6	<0.1	<0.05	3	<0.5	<0.2	
131909	Soil	0.3	7.4	3.1	39<0.1	16.6	7.7	296	1.6	1.2	0.3	<0.5	1.4	20<0.1	0.2	<0.1	44	0.21	0.017	3	22	0.2	73	0.129	<20	1.09	0.014	0.04	<0.1	<0.01	1.8	<0.1	<0.05	3	<0.5	<0.2	
131910	Soil	0.3	8.4	3.9	47<0.1	15.6	5	155	1.47	0.9	0.2	0.5	1	21<0.1	0.1	<0.1	41	0.22	0.02	5	23	0.26	63	0.119	<20	1.06	0.013	0.05	<0.1	0.01	2.1	<0.1	<0.05	3	<0.5	<0.2	
131911	Soil	0.3	8.8	3.1	39<0.1	18.9	7.4	188	1.92	1.7	0.2	<0.5	0.7	21<0.1	0.2	<0.1	55	0.2	0.029	4	28	0.23	75	0.129	<20	1.31	0.017	0.05	<0.1	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2	
Pulp Duplicates																																					
131806	Soil	0.3	34.7	4.8	40	0.1	21.5	7.7	214	2.5	2.8	0.7	0.8	1.3	65<0.1	0.2	0.1	47	0.75	0.022	9	28	0.65	97	0.081	<20	1.8	0.045	0.05	<0.1	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
131806	REP	0.3	34.8	4.8	38	0.1	21.1	7.6	218	2.48	2.9	0.8	<0.5	1.3	65<0.1	0.1	0.1	47	0.75	0.023	9	28	0.65	99	0.081	<20	1.82	0.049	0.05	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
131583	Soil	0.3	8.6	4.2	46<0.1	15.2	5.8	306	1.6	1.5	0.3	0.7	0.7	28<0.1	0.2	<0.1	45	0.24	0.021	5	21	0.23	67	0.107	<20	1.12	0.016	0.04	<0.1	<0.01	2	<0.1	<0.05	4	<0.5	<0.2	
131583	REP	0.3	8.4	4.4	46<0.1	14.6	5.8	304	1.59	1.5	0.3	1	0.7	27<0.1	0.2	<0.1	45	0.24	0.02	5	21	0.22	72	0.106	<20	1.12	0.016	0.04	<0.1	<0.01	1.9	<0.1	<0.05	4	<0.5	<0.2	
131756	Soil	0.3	6.2	4.3	44<0.1	14.8	5.7	165	1.67	1.6	0.2	<0.5	1.1	17<0.1	0.1	<0.1	41	0.16	0.027	5	22	0.24	58	0.092	<20	1.07	0.012	0.04	<0.1	<0.01	1.6	<0.1	<0.05	4	<0.5	<0.2	
131756	REP	0.4	6.6	4.7	46<0.1	14.3	6.1	164	1.67	1.7	0.2	1	1.1	17<0.1	0.2	<0.1	42	0.17	0.027	5	21	0.25	57	0.096	<20	1.1	0.012	0.04	<0.1	<0.01	1.6	<0.1	<0.05	4	<0.5	<0.2	
131889	Soil	0.6	11.7	6.4	92<0.1	25.7	10.1	463																													

STD OREAS45PA	STD	1	617.3	27.3	113	0.3	282.9	108.7	1072	16.27	5.6	1.1	46.7	6.8	14	0.1	0.1	0.2	207	0.23	0.034	16	786	0.1	178	0.134	<20	3.11	0.01	0.07	<0.1	0.02	40.2	<0.1	<0.05	17	0.8	<0.2
STD DS8	STD	13.8	114.5	128.3	315	1.9	41.4	8.3	663	2.59	30.4	2.6	106.9	6.6	67	2.7	5.1	7	46	0.7	0.087	13	118	0.63	307	0.118	<20	0.9	0.098	0.46	2.9	0.19	2.1	5.8	0.17	5	5.8	5.4
STD DS7	STD	21.9	118.8	68.5	421	1.1	58.5	10.1	675	2.62	56.1	5	60.7	4.7	83	6.8	5.7	4.9	96	1.02	0.084	14	204	1.15	436	0.137	42	1.1	0.111	0.53	3.7	0.22	2.7	4.2	0.24	5	3.4	1.8
STD OREAS45PA	STD	1.2	644.6	17.8	121	0.3	303.1	110.4	1136	17.49	4.8	1.2	50.1	6.7	14	0.1	0.2	0.2	217	0.23	0.034	16	856	0.11	183	0.156	<20	3.49	0.011	0.08	<0.1	0.02	42.9	<0.1	<0.05	17	0.8	<0.2
STD DS8	STD	15.2	114.4	115.6	334	1.8	40.3	8	648	2.55	27.3	2.9	123.4	6.6	70	2.6	5	6.9	44	0.73	0.083	16	114	0.63	303	0.125	<20	0.93	0.099	0.44	2.6	0.21	2.1	5.3	0.15	5	5.9	5.2
STD DS7	STD	21.5	111.2	65.4	410	1	56.8	9.9	630	2.46	55.9	4.8	70	4.4	71	6.8	5.6	4.7	88	0.92	0.079	12	185	1.05	429	0.117	39	0.98	0.095	0.49	3.7	0.19	2.3	3.9	0.26	5	3	1.3
STD OREAS45PA	STD	1	590.4	17.4	112	0.3	282	108.8	1052	16.37	5.6	1.1	46.2	6.4	14	<0.1	0.2	0.2	208	0.23	0.034	15	777	0.1	179	0.129	<20	3.03	0.01	0.07	<0.1	0.03	40.4	<0.1	<0.05	17	0.6	<0.2
STD DS8	STD	15.3	116.1	120.2	315	1.8	42.3	7.8	643	2.53	28.5	2.5	121.6	6.3	66	2.4	5.4	6.9	44	0.69	0.087	14	118	0.62	296	0.112	<20	0.95	0.089	0.42	2.7	0.2	2	5.2	0.22	5	5.3	6.1
STD DS7	STD	22	107.2	70.2	392	1	54.5	9.3	612	2.3	49.8	5	66.8	4.9	70	6.3	5.1	4.5	87	0.88	0.073	12	179	1.02	390	0.125	32	0.99	0.092	0.46	3.4	0.21	2.3	4	0.2	5	2.8	1
STD OREAS45PA	STD	0.9	610.3	19.8	113	0.3	275.5	103.8	1019	15.51	4.4	1.2	52.2	7.1	13	<0.1	0.1	0.2	199	0.22	0.031	15	761	0.1	173	0.133	<20	2.94	0.01	0.07	<0.1	0.04	41.1	<0.1	<0.05	15	0.7	<0.2
STD DS8	STD	13.2	119.6	130.8	321	1.7	41	8.3	637	2.49	26.9	2.8	123.8	6.7	65	2.6	5.3	6.9	44	0.68	0.081	14	122	0.61	295	0.12	<20	0.91	0.087	0.43	2.9	0.24	2	5.5	0.16	4	5.2	5.5
STD DS7	STD	23.2	107	72.8	389	1	57	9.7	627	2.38	47.7	5.2	58.2	4.5	75	5.8	5	4.8	89	0.94	0.071	12	194	1.06	400	0.13	34	1.02	0.095	0.48	3.3	0.22	2.2	4.3	0.2	5	2.7	2.2
STD OREAS45PA	STD	1	606.9	19.5	117	0.3	291.8	108.1	1031	16.14	4.7	1.2	51.7	7	14	0.1	0.1	0.2	209	0.23	0.031	16	763	0.11	173	0.139	<20	3.13	0.012	0.07	<0.1	0.03	38.7	<0.1	<0.05	16	0.5	<0.2
STD DS8	STD	15.8	119.8	140.7	329	1.7	42.2	8	636	2.54	26.6	2.9	100.2	7.2	70	2.1	5	7.4	45	0.71	0.078	15	125	0.63	299	0.124	<20	0.93	0.091	0.44	2.9	0.2	2	5.8	0.19	5	5.7	7.8
STD DS7	STD	20.5	114.5	73.2	432	1	56.9	9.5	654	2.45	56.9	5	65.3	4.5	76	6.4	6	5.1	83	0.95	0.08	12	187	1.07	449	0.122	41	1.01	0.102	0.51	3.7	0.22	2.4	4.3	0.17	5	3.3	1.4
STD OREAS45PA	STD	0.9	566	18.7	112	0.3	263.4	101.4	1028	17.3	5.3	1.2	51.2	6.9	14	0.1	0.2	0.2	199	0.22	0.034	16	732	0.11	186	0.132	<20	3.13	0.012	0.08	<0.1	0.03	39.6	<0.1	<0.05	16	0.9	<0.2
STD DS8	STD	14	115.8	133.5	323	1.7	39.6	7.7	616	2.46	27.9	2.9	115.4	7.2	71	2.3	5.9	7.6	42	0.69	0.088	14	117	0.62	323	0.116	<20	0.94	0.101	0.44	2.8	0.23	2.3	3.7	0.14	5	5	4.7
STD DS7	STD	20.6	107.3	71.8	398	1	54.8	9.3	619	2.36	51.7	5	76.7	4.7	78	6.4	5.4	4.7	86	0.97	0.084	14	183	1.05	432	0.128	38	1.04	0.101	0.5	3.3	0.24	2.7	3.8	0.2	5	3.3	0.9
STD DS8	STD	14.5	122.5	131.6	334	1.8	41.3	8.1	648	2.59	29.3	3	112.9	7.4	74	2.4	5.5	7.4	43	0.73	0.088	17	119	0.63	321	0.127	<20	0.94	0.09	0.45	2.8	0.27	2.4	5.7	0.16	5	4.8	4.4
STD DS7	STD	19.7	103.6	69.8	376	1	51.9	9.4	593	2.24	53.8	5.1	57	4.7	70	6	4.7	4.5	82	0.9	0.071	13	176	0.99	390	0.124	41	0.99	0.101	0.46	3.3	0.23	2.6	4	0.2	5	3.2	1.9
STD DS8	STD	13.7	115.4	125.9	304	1.8	37.7	7.6	592	2.33	24.9	2.9	108	6.5	63	2.5	4.9	6.6	43	0.66	0.078	14	116	0.58	278	0.12	<20	0.91	0.095	0.43	2.6	0.21	2.2	5.5	0.17	5	5	5.3
STD DS7	STD	20.1	103.8	72.7	399	0.9	57.8	9.7	631	2.36	51.7	5.4	75.6	4.8	72	6	5.5	4.8	83	0.93	0.077	12	185	1.04	410	0.126	35	0.97	0.094	0.48	3.5	0.2	2.5	4	0.3	4	3.7	3.2
STD OREAS45PA	STD	1.1	587.9	18.7	115	0.3	283.2	106.7	1041	15.99	5.4	1.2	47.5	7	14	0.1	0.2	0.2	211	0.23	0.034	16	754	0.11	175	0.144	<20	3.24	0.012	0.07	<0.1	0.02	41	<0.1	<0.05	17	1.1	<0.2
STD DS8	STD	12.6	107	123.7	310	1.7	37.6	7.4	594	2.42	26	3.2	102.9	6.6	67	2.4	5.5	6.9	41	0.66	0.081	13	112	0.59	296	0.116	<20	0.88	0.091	0.42	2.7	0.19	2.1	5.2	0.19	5	5.6	4.3
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	BLK	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<1																				

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APPENDIX V: COST BREAKDOWN

Chilcoltin					
Expenses Breakdown					
12-23-2010	Acme Analytical Lab-3	\$ 47.58	\$ 5.10	Assay Expense	
12-23-2010	Acme Analytical Lab-4	\$ 239.90	\$ 25.70	Assay Expense	
12-23-2010	Acme Analytical Lab-5	\$ 1,940.94	\$ 207.96	Assay Expense	
12-23-2010	Acme Analytical Lab-6	\$ 2,511.80	\$ 269.12	Assay Expense	
12-23-2010	Acme Analytical Lab-7	\$ 3,139.75	\$ 336.40	Assay Expense	
12-23-2010	Acme Analytical Lab-8	\$ 6,469.79	\$ 693.19	Assay Expense	
		\$ 14,349.76	\$ 1,537.47		
11-07-2010	4 - IRL Supplies Ltd. - Sample ba	\$ 123.20	\$ 13.20	Field Supplies	
11-07-2010	5 - IRL Supplies Ltd. - Assorted S	\$ 1,375.57	\$ 147.38	Field Supplies	
11-07-2010	6 - IRL Supplies Ltd. - Sample Ba	\$ 98.56	\$ 10.56	Field Supplies	
11-07-2010	8 - Evergreen Industrial Supplies	\$ 16.66	\$ 1.78	Field Supplies	
11-07-2010	9 - Acme Analytical Lab - Sample	\$ 268.80	\$ 28.80	Field Supplies	
12-23-2010	Deakin Industries-9	\$ 420.00	\$ 45.00	Field Supplies	
		\$ 2,302.79	\$ 246.72		
11-07-2010	11 - Chevron	\$ 218.15	\$ 10.39	Fuel	
11-07-2010	12 - Chevron	\$ 792.66	\$ 37.75	Fuel	
11-07-2010	17 - Lee's Corner (Diesel)	\$ 72.02	\$ 3.43	Fuel	
11-15-2010	19- Chevron	\$ 40.64	\$ 1.94	Fuel	
11-15-2010	20- Chevron	\$ 108.73	\$ 5.18	Fuel	
11-15-2010	21 - Chevron	\$ 66.16	\$ 3.15	Fuel	
11-21-2010	22 - Petro Canada	\$ 43.46	\$ 2.07	Fuel	
11-21-2010	23- Petro Canada (Fuel Only)	\$ 55.06	\$ 2.62	Fuel	
11-21-2010	24 - Lee's Corner Gas	\$ 34.75	\$ 1.94	Fuel	
11-21-2010	25 - Lee's Corner Gas	\$ 87.25	\$ 4.15	Fuel	
11-24-2010	35 - Lee's Corner - Fuel	\$ 84.32	\$ 4.02	Fuel	
10-11-24	36 - Lee's Corner - Fuel	\$ 90.00	\$ 4.29	Fuel	
12-23-2010	Chevron-12	\$ 1,126.44	\$ 53.63	Fuel	
		\$ 2,819.64	\$ 134.56		

11-07-2010	7 - Tower Communications- Sat F	\$ 224.00	\$ 24.00	Sat Phone	
		\$ 224.00	\$ 24.00		
11-07-2010	14 - Spirit Ranch	\$ 8,299.20	\$ 889.20	Room and Board	
11-21-2010	31 - Spirit Ranch	\$ 6,871.20	\$ 736.20	Room and Board	
11-21-2010	32 - Spirit Ranch	\$ 7,369.60	789..60	Room and Board	
11-24-2010	33- Spirit Ranch	\$ 5,252.80	\$ 562.80	Room and Board	
		\$ 27,792.80	\$ 2,188.20		
12-23-2010	MTO #110590630-10	\$ 7,333.08	\$ -	SOW Filing Fee	
12-23-2010	MTO #110590631-11	\$ 2,217.95	\$ -	SOW Filing Fee	
		\$ 9,551.03	\$ -		
10-09-2010	1 - Air Canada PB5ADR	\$ 1,239.84	\$ 161.72	Travel	
10-15-2010	2 - Westjet PREVXE	\$ 256.61	\$ 27.49	Travel	
10-15-2010	3 - West Jet BMBHGQ	\$ 256.61	\$ 27.49	Travel	
11-07-2010	15 - Air Canada	\$ 1,030.24	\$ 134.24	Travel	
11-24-2010	34 - Air Canada	\$ 1,024.48	\$ 133.23	Travel	
10-11-24	37 - Air Canada MKZFUM	\$ 1,078.77	\$ 115.65	Travel	
10-11-24	38 - Air Canada QCxV3E	\$ 351.90	\$ 45.90	Travel	
		\$ 5,238.45	\$ 645.72		
12-01-2010	Overlander Motor Inn - 1	\$ 88.48	\$ 9.48	Travel - Accom	
		\$ 88.48	\$ 9.48		
12-02-2010	Boston Pizza - 2	\$ 41.72	\$ 4.47	Travel - Food	
11-07-2010	13 - Petro Canada	\$ 13.76	\$ -	Travel - Meal	
11-07-2010	16 - Oasis Resort	\$ 24.81	\$ 2.66	Travel - Meal	
11-15-2010	18 - Tim Horton's	\$ 8.96	\$ 0.96	Travel - Meal	
11-21-2010	26 - Travel Meal	\$ 27.98	\$ 3.00	Travel - Meal	
11-21-2010	27 - Pita Pit	\$ 6.37	\$ 0.68	Travel - Meal	
11-21-2010	28 - Wasabi Sushi	\$ 20.89	\$ 2.24	Travel - Meal	
11-21-2010	29- Pita Pit	\$ 10.74	\$ 1.15	Travel - Meal	
11-21-2010	30 - Travel Meal	\$ 11.41	\$ 1.22	Travel - Meal	
11-07-2010	10 - McDonalds	\$ 6.03	\$ 0.65	Travel- Meal	
		\$ 172.67	\$ 17.03		
	Total Expenses:	\$ 62,539.62			

QTY	Date	Activity	DESCRIPTION	Unit Price	AMOUNT
72	Oct-Nov	Rental	Truck rental	\$ 85.00	\$ 6,120.00
20901	Oct-Nov	Rental	Mileage	\$ 0.60	\$ 12,540.60
61	Oct-Nov	Rental	Sampling Kit Rental	\$ 25.00	\$ 1,525.00
32	Oct-Nov	Rental	Line Cutting Gear	\$ 25.00	\$ 800.00
40.5	Oct-Nov	GIS	GIS Services	\$ 60.00	\$ 2,430.00
38	Oct-Nov	Rental	Quad	\$ 60.00	\$ 2,280.00
Expenses				Total Rentals and Charges*	\$ 25,695.60
Total Rental:		\$ 25,695.60			
Chevy					
QTY	Date	Activity	DESCRIPTION	Unit Price	AMOUNT
5	Oct-Nov	GEO	Tanya Strate	\$550.00	\$2,750.00
5	Oct-Nov	PM	Tanya Strate	\$700.00	\$3,500.00
7	Oct-Nov	GEO	Mark Senkiw	\$550.00	\$3,850.00
8	Oct-Nov	GEO	Sarah Henderson	\$400.00	\$3,200.00
5	Oct-Nov	PM	Richard Beck	\$700.00	\$3,500.00
10	Oct-Nov	LC	Brian Fraser	\$400.00	\$4,000.00
4	Oct-Nov	PM	Brian Fraser	\$700.00	\$2,800.00
15	Oct-Nov	LC	Tyler George	\$400.00	\$6,000.00
12	Oct-Nov	SS	Angela Pierre	\$350.00	\$4,200.00
12	Oct-Nov	SS	Deb Townsend	\$350.00	\$4,200.00
10	Oct-Nov	SS	Mike Travis	\$350.00	\$3,500.00
13	Oct-Nov	SS	Billy Townsend	\$350.00	\$4,550.00
13	Oct-Nov	SS	Tim Smith	\$350.00	\$4,550.00
2	Oct-Nov	Driver/Expeditor	Jess Hardy	\$375.00	\$750.00
				Total Labour	\$51,350.00

Newton North					
QTY	Date	Activity	DESCRIPTION	Unit Price	AMOUNT
6	Oct-Nov	GEO	Tanya Strate	\$550.00	\$3,300.00
3	Oct-Nov	GEO	Mark Senkiw	\$550.00	\$1,650.00
8	Oct-Nov	GEO	Sarah Henderson	\$400.00	\$3,200.00
1	Oct-Nov	PM	Richard Beck	\$700.00	\$700.00
3	Oct-Nov	PM	Brian Fraser	\$700.00	\$2,100.00
7	Oct-Nov	SS	Angela Pierre	\$350.00	\$2,450.00
4	Oct-Nov	SS	Deb Townsend	\$350.00	\$1,400.00
2	Oct-Nov	SS	Mike Travis	\$350.00	\$700.00
4	Oct-Nov	SS	Billy Townsend	\$350.00	\$1,400.00
5	Oct-Nov	SS	Tim Smith	\$350.00	\$1,750.00
				Total Labour	\$18,650.00
Newton East					
QTY	Date	Activity	DESCRIPTION	Unit Price	AMOUNT
2	Oct-Nov	GEO	Tanya Strate	\$550.00	\$1,100.00
3	Oct-Nov	GEO	Mark Senkiw	\$550.00	\$1,650.00
3	Oct-Nov	GEO	Sarah Henderson	\$400.00	\$1,200.00
1	Oct-Nov	PM	Richard Beck	\$700.00	\$700.00
2	Oct-Nov	SS	Mike Travis	\$350.00	\$700.00
				Total Labour	\$5,350.00

Vick					
QTY	Date	Activity	DESCRIPTION	Unit Price	AMOUNT
2	Oct-Nov	GEO	Tanya Strate	\$550.00	\$1,100.00
1	Oct-Nov	GEO	Mark Senkiw	\$550.00	\$550.00
1	Oct-Nov	GEO	Sarah Henderson	\$400.00	\$400.00
1	Oct-Nov	PM	Richard Beck	\$700.00	\$700.00
2	Oct-Nov	PM	Brian Fraser	\$700.00	\$1,400.00
2	Oct-Nov	LC	Tyler George	\$400.00	\$800.00
2	Oct-Nov	SS	Angela Pierre	\$350.00	\$700.00
2	Oct-Nov	SS	Deb Townsend	\$350.00	\$700.00
3	Oct-Nov	SS	Billy Townsend	\$350.00	\$1,050.00
2	Oct-Nov	SS	Tim Smith	\$350.00	\$700.00
				Total Labour	\$8,100.00
NW Prosperity					
QTY	Date	Activity	DESCRIPTION	Unit Price	AMOUNT
1	Oct-Nov	GEO	Mark Senkiw	\$550.00	\$550.00
2	Oct-Nov	GEO	Sarah Henderson	\$400.00	\$800.00
1	Oct-Nov	PM	Richard Beck	\$700.00	\$700.00
2	Oct-Nov	PM	Brian Fraser	\$700.00	\$1,400.00
1	Oct-Nov	LC	Tyler George	\$400.00	\$400.00
2	Oct-Nov	SS	Angela Pierre	\$350.00	\$700.00
3	Oct-Nov	SS	Deb Townsend	\$350.00	\$1,050.00
2	Oct-Nov	SS	Billy Townsend	\$350.00	\$700.00
2	Oct-Nov	SS	Tim Smith	\$350.00	\$700.00
				Total Labour	\$7,000.00

Tete Angela					
QTY	Date	Activity	DESCRIPTION	Unit Price	AMOUNT
3	Oct-Nov	GEO	Sarah Henderson	\$400.00	\$1,200.00
1	Oct-Nov	PM	Richard Beck	\$700.00	\$700.00
2	Oct-Nov	SS	Mike Travis	\$350.00	\$700.00
				Total Labour	\$2,600.00
Not sure if you need management fees:					
Total Management Fees:		\$ 11,261.00			
Percent Breakdown by invoice					
10 - 57	% Expenses	%Total Rentals	% Total Mgnt Fee	Total Labor	
Chevy	\$ 15,090.68	\$ 3,283.70	\$ 2,204.92	\$ -	
Newton North	\$ 4,603.94	\$ 1,001.81	\$ 672.69	\$ -	
Newton East	\$ 1,534.65	\$ 333.94	\$ 224.23	\$ -	
NW Prosperity	\$ 1,534.65	\$ 333.94	\$ 224.23	\$ -	
Vick	\$ 2,046.19	\$ 445.25	\$ 298.97	\$ -	
Tete Angela	\$ 767.32	\$ 166.97	\$ 112.11	\$ -	
	25577.43	5565.6	3737.16	0	
Inv 10-55	% Expenses	%Total Rentals	% Total Mgnt Fee	Total Labor	
Chevy	\$ 21,807.69	\$ 11,876.70	\$ 4,439.07	\$ 51,350.00	
Newton North	\$ 6,653.19	\$ 3,623.40	\$ 1,354.29	\$ 18,650.00	
Newton East	\$ 2,217.73	\$ 1,207.80	\$ 451.43	\$ 5,350.00	
NW Prosperity	\$ 2,217.73	\$ 1,207.80	\$ 451.43	\$ 7,000.00	
Vick	\$ 2,956.98	\$ 1,610.40	\$ 601.91	\$ 8,100.00	
Tete Angela	\$ 1,108.87	\$ 603.90	\$ 225.72	\$ 2,600.00	
	36962.19	20130	7523.84	93050	

Total Breakdown per project, by property					
	% Expenses	%Total Rentals	% Total Mgmt Fee	Total Labor	
Chevy	\$ 36,898.38	\$ 15,160.40	\$ 6,643.99	\$ 51,350.00	
Newton North	\$ 11,257.13	\$ 4,625.21	\$ 2,026.98	\$ 18,650.00	
Newton East	\$ 3,752.38	\$ 1,541.74	\$ 675.66	\$ 5,350.00	
NW Prosperity	\$ 3,752.38	\$ 1,541.74	\$ 675.66	\$ 7,000.00	
Vick	\$ 5,003.17	\$ 2,055.65	\$ 900.88	\$ 8,100.00	
Tete Angela	\$ 1,876.19	\$ 770.87	\$ 337.83	\$ 2,600.00	
	\$ 62,539.62	\$ 25,695.60	\$ 11,261.00	\$ 93,050.00	192546.22
			157666.03		
			34880.19		
			192546.22		