GEOLOGICAL, GEOCHEMICAL AND TRENCHING ASSESSMENT REPORT

on the

FIFTY MILE PROJECT

Sixtymile area, Yukon Territory

Kam 627-635, 688-701, 748-69:	YE40327-35, 388-401, 448-69,
Kam 782-827, 840-81, 83, 89-1009,:	YE40482-527, 540-81, 83, 589-709
Kam 1024-55, 1070-1101, 1116-45	YE40724-755, 770-801, 816-845
Kam 1194-1221, 1270-1300, 1301-25	YE40894-912, 970-41000, YE44001-25
Kam 1465-6, 1481-4:	YE441665-6, YE441681-4
Kam 1509-12, 37-42, 67-74, 1599-1608	YE44209-12, 37-42, 67-74, 299-308
Kam 1631-40, 61-72, 74, 87-94, 96:	YE44320, 31-40, 61-72, 74, 87-94, 96
Cal 1-50:	YE77921-YE77970

NTS: 116C/01-02, 115N/15-16

Latitude 64°02'N Longitude 140°35'W

Dawson Mining District

Work performed between
June 24 and October 8, 2014

For

0908937 B.C. Ltd.
310 - 850 West Hastings Street
Vancouver, British Columbia
V6C 1E1, Canada

By
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March 3, 2015

1.0 EXECUTIVE SUMMARY

The 11,475 hectare Fifty Mile Project, NTS map sheets 116C/01-02 and 115N/ 15-16, is centered at a latitude and longitude of 64°02'N, 140°35'W, approximately 58 km west of Dawson City, which lies 538 km by paved highway north of Whitehorse, Yukon Territory. The claims straddle the placer drainage of Sixty Mile River in the Sixtymile Goldfields, Dawson Mining District, within the unglaciated Yukon Plateau. The property is accessible by the Top of the World Highway, which extends from Dawson City, Yukon Territory to Alaska, and local mining roads and trails. The claims are registered 100% to 0908937 B.C. Ltd., of the Province of British Columbia, subject to an option agreement with Seafield Explorations Limited.

The Fifty Mile Project is underlain by a Devonian to Mississippian, and locally older, package of rocks primarily consisting of graphitic quartzite and siliciclastic schistose metasedimentary rocks, and orthogneiss. Small bodies of Paleozoic ultramafic rocks occur locally, with one body mapped northeast of Mt. Nolan. The above units are overlain by Late Cretaceous volcanic rocks of the Carmacks Group, locally with coarse clastic sedimentary rocks at the base. Related Late Cretaceous dykes and/or sills of the Prospector Mountain suite intrude the above units, with plugs mapped just south and west of the Fifty Mile Project, which may extend onto the property. Outcrop on the property is less than 1%.

Regionally the Fifty Mile Project is located within the Sixtymile goldfields, which produced an estimated over 800,000 ounces of crude placer gold, primarily from creeks just west of the property *(MacDonald, 2012)*. Recent drilling on the Sixty Mile Project of Rackla Metals Inc. intersected epithermal and orogenic style mineralization returning 19 g/t Au over 1m in DDH11-08, 132 g/t Au over 1.5m in DDH11-10, and 0.5 g/t Au over 105.3m, including 1.5 g/t Au over 24m, in DDH11-18 *(Rackla Metals Inc., 2013)*, which may continue onto the adjoining western Fifty Mile Project through the Cal and Nine targets.

The orogenic style of gold mineralization at Sixtymile shares common structural and age relationships with gold-bearing veins in the Klondike and White Gold districts, which are controlled by a brittle to brittle-ductile D4 deformation event and have been dated as Middle to Late Jurassic. As of December 31, 2013 the indicated resource at the Golden Saddle deposit at White Gold is 9,788,000 tonnes grading 2.7 g/t Au, primarily mineable by open pit methods, with an additional 2,166,000 tonnes inferred grading 1.8 g/t Au *(Kinross, 2014)*. The author has not been able to independently verify the above information and it is not necessarily indicative of the mineralization on the Fifty Mile Project which is the subject of this report.

Polymetallic veins, skarn and porphyry copper-gold-molybdenum mineralization are evident at the Lerner, Connaught and Butler Minfile occurrences just south of the Fifty Mile Project in an area of Late Cretaceous intrusions. Good potential exists within the Boucher and Cal targets for metamorphosed copper-gold-silver-molybdenum porphyry style mineralization hosted within the mafic orthogneiss, in an environment that may be similar to the Lucky Joe prospect, owned by Golden Predator Mining Corporation. Lucky

Joe exhibits similar mineralization to, and lies along trend of, the Carmacks copper-gold belt, which includes the Minto Mine of Capstone Mining Corporation.

No significant exploration is documented prior to the staking of the Fifty Mile Project by Seafield Explorations Limited in 2011, although old trenches occur on the SE Nine target and along the California Creek road. Previous exploration by 0908937 B.C. Ltd., since the granting of the option in 2011, consisted of the collection of 4,542 soil samples, 60 silt samples and 202 rock samples, with local prospecting and concurrent mapping in 2011 to 2013, which identified four significant gold±antimony±arsenic±silver target areas (Cal, NW Nine, SE Nine, Sixty), and two copper-gold-silver±molybdenum soil anomalies (Boucher and Cal).

The 2014 exploration program, completed between June 24 and October 8, consisted of follow up prospecting, mapping and sampling over the Nine, Cal and Boucher targets and follow up soils over the Cal and Boucher targets (264 samples), followed by 206 line metres of trenching to test the Cal and NW Nine targets. The program was funded by 0908937 B.C. Ltd. of the Province of British Columbia with the aid of a grant under the Yukon Mineral Exploration Program. The program was successful in extending the gold and copper-gold soil anomalies on the Cal and Boucher targets, and discovering significant mineralization on all three targets.

The Cal target now covers a strong northeast trending 200m by 2 km >10 ppb, and mostly >20 ppb, gold in soil anomaly hosted within a 2.4 km antimony-arsenic, ±silver-lead soil anomaly, with maximum values of 284.2 ppb Au, 6.5 ppm Ag, 1196.9 ppm As, 38.3 ppm Sb, 2184.3 ppm Cu, 414.7 ppm Pb, 1587 ppm Zn and 17.3 ppm Bi, primarily open to the southwest. A road proximal trench across the anomaly in 2014 returned 893 ppb Au, 60.3 ppm Ag, 2996 ppm As, 92 ppm Sb, 0.76% Pb and 0.55% Zn as a grab over 1m from a zone of fissure veins and breccia. A silver-lead-zinc-arsenic-antimony anomalous interval extends from 50 to 100m.

The Cal target also covers an easterly trending 1 km by up to 500m wide copper-gold-bismuth-silver±molybdenum soil anomaly where 2014 prospecting uncovered disseminations of chalcopyrite and chalcocite within the mafic orthogneiss, returning maximum values of 0.56% Cu with 10.9 ppm Ag, 12 ppm Bi and 78 ppm Mo. Limonitic material returned 1.406 g/t Au, 0.48% Cu, 36.9 ppm Ag, 811 ppm Bi. Disseminated chalcopyrite hosted by the mafic orthogneiss was also uncovered on the Boucher target, similar to the copper zone on the Cal grid, returning 0.12% Cu with 212 ppb Au. The Boucher target covers north-northwest trending copper-gold ±silver-molybdenum soil anomalies up to 150-300m wide, extending across the 700m long grid, with maximum values of 2171.2 ppm Cu and 43.2 ppb Au.

The NW Nine target, on the ridge east of Five Mile Creek, covers a significant irregular 50-200m by 600m long gold-silver-antimony-bismuth-lead-zinc soil anomaly containing the highest silver (12.2 ppm Ag) and the highest gold in soil values (525.7 ppb Au) on the property. Prospecting in 2014 returned 4.23 g/t Au with 6.4 ppm Ag, 10 ppm Bi and 734 ppm Pb from a brecciated and sericite altered felsic dyke with minor limonitic quartz ±carbonate veinlets uphill of the 8.5 ppm Ag soil anomaly. A quartz feldspar porphyry dyke was also intersected in trench FMTR14-02 beneath the 525.7 ppb Au soil anomaly

but no significant gold values were obtained from the 60m long trench. Soil anomalies may be sourced further uphill, more proximal to the 4.23 g/t Au grab sample.

The SE Nine target covers a northeast trending >50 ppb arsenic, >3 ppm antimony soil anomaly, extending across the 700m grid over a 350m width, with associated ±lead, silver and elevated gold. Small (<1m wide) oxidized polymetallic veins are evident with maximum values in rock from 2012-13 sampling of 1837.9 ppm Cu, 152.6 ppm Mo, 1543 ppm Zn, 559.8 ppm Pb, 236.6 ppm As, 16.8 ppm Sb, 5.8 ppm Ag and 40.3 ppb Au.

The Cal and Nine anomalies appear be associated with strands of the Sixty Mile-Pika fault system, which hosts gold mineralization on the adjacent Sixty Mile Project of Rackla Metals Inc. *(Rackla Metals Inc., 2013)*.

The Sixty target covers a northwest trending 200m by 400m coincident >20 ppb gold and >50 ppb arsenic soil anomaly with maximum values of 87.5 ppb Au and 222 ppm As, which may be masked and subdued by deep overburden and intense permafrost.

Malachite stained, chalcopyrite bearing ultramafic float, which returned 228 ppb Au, 5.8 g/t Ag with 1.75% Cu was found in the placer tailings along the north side of the Sixty Mile River. The source could be ultramafic lenses, one of which is mapped along the north side of Boucher Ridge and gold and copper stream sediment anomalies drain Boucher ridge.

The Fifty Mile Project constitutes a property of merit based on favourable geological setting (Sixty Mile gold district), geology (Devono-Mississippian and possibly older orthogneiss, and metasedimentary rocks of the Yukon-Tanana terrane, overlain by Carmacks volcanic rocks, which host mineralization on the adjacent Sixty Mile Project), gold, ± silver, arsenic, antimony, copper, lead and bismuth soil anomalies, presence of placer drainages, similarities and proximity to the Sixty Mile Project of Rackla Metals Inc., similarities to the Jurassic orogenic gold mineralization in the White Gold and Klondike gold districts of the Yukon, and potential on the Boucher and eastern Cal targets for metamorphosed copper-gold-silver-molybdenum porphyry style mineralization similar to the Lucky Joe prospect and Minto mine.

An initial exploration program with an estimated budget of $125,000 is recommended consisting of soil grid extension, prospecting/mapping, trenching and 500m of RAB drilling in 5 holes to follow up favourable results on the Cal, NW Nine and Boucher targets. Additional targets exist as discussed above, and additional work is warranted to fully evaluate the Project.

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2.0 INTRODUCTION AND TERMS OF REFERENCE

2.1 Qualified Person and Participating Personnel

Ms. Jean M. Pautler, P.Geo. was commissioned by 0908937 B.C. Ltd., a company duly incorporated under the laws of the Province of British Columbia, to participate in, supervise and document the 2014 exploration program on the Fifty Mile Project (consisting of the Kam and Cal claims) and to make recommendations for the next phase of exploration work in order to test the economic potential of the property. The 2014 exploration program, completed between June 24 and October 8, consisted of follow up prospecting, mapping and sampling over priority targets and follow up soils over select targets, followed by 206 line metres of trenching to test the anomalies. The program was funded by 0908937 B.C. Ltd. of the Province of British Columbia with the aid of a grant under the Yukon Mineral Exploration Program. The report was prepared to support assessment requirements.

The report describes the 2014 exploration program on the property historical information, a review of recent exploration in the area, and work conducted on behalf of 0908937 B.C. Ltd. on the property from 2011 to 2013, consisting of soil, silt and rock geochemical surveys, and minor prospecting with concurrent mapping. The 2014 soil surveys, trenching and trench sampling (under the supervision of the author) were completed by GroundTruth Exploration Inc. of Dawson City, Yukon Territory. The author completed prospecting, mapping and sampling over the NW Nine, Cal and Boucher soil anomalies with the aid of prospectors Morgan Fraughton (Spere Exploration Inc.) on the Cal target and Chad Cote (GroundTruth Exploration Inc.) on the Boucher target. The author supervised the trench sampling and took additional samples from the trenches.

2.2 Terms, Definitions and Units

All costs contained in this report are denominated in Canadian dollars. Distances are reported in metres (m) and kilometres (km). GPS refers to global positioning system with co-ordinates reported in UTM grid, Zone 7, Nad 83 projection. Minfile showing refers to documented mineral occurrences on file with the Yukon Geological Survey. DDH refers to diamond drill hole and RAB to rotary air blast a type of percussion drilling. CSAMT refers to controlled-source audio-frequency magneto-tellurics a deep penetrating type of geophysical survey.

The term ppm refers to parts per million, which is equivalent to grams per metric tonne (g/t) and ppb refers to parts per billion. The abbreviation oz/ton and oz/t refers to troy ounces per imperial short ton. The symbol % refers to weight percent unless otherwise stated.

Elemental abbreviations used in this report include gold (Au), copper (Cu), arsenic (As), antimony (Sb), lead (Pb), zinc (Zn), bismuth (Bi), manganese (Mn) and tungsten (W). Minerals found on the property and surrounding area include pyrite (iron sulphide), limonite (hydrated iron oxide), arsenopyrite (iron, arsenic sulphide), galena (lead sulphide), sphalerite (zinc sulphide), chalcopyrite (copper sulphide) and molybdenite (molybdenum sulphide). K-spar refers to potassium feldspar.

2.3 Source Documents

Sources of information are detailed below and include available public domain information and private company data.

- Research of the Minfile data available for the area at http://data.geology.gov.yk.ca/ on December 30, 2014.
- Research of mineral titles at http://apps.gov.yk.ca/pls/apex40p, http://www.yukonmining recorder.ca/ and http://mapservices.gov.yk.ca/YGS/WebMap.aspx on December 30, 2014.
- Review of company reports and annual assessment reports filed with the government at http://199.247.132.58:8000/cgi-bin/gw/chameleon.
- Review of geological maps and reports completed by the Geological Survey of Canada and the Yukon Geological Survey or their predecessors.
- Review of published scientific papers on the geology and mineral deposits of the region and on mineral deposit types.
- Review of publicly available data on 0908937 B.C. Ltd.
- Company data of 0908937 B.C. Ltd., including a review of the entire 2011 to 2014 exploration programs, and option agreement (discussed in Section 4.2, Land Tenure).
- Examination of, and work on, the property by the author on June 24, August 23-24 & 28, September 20 & 22, 2014, September 17-19 & June 15, 2013, and on September 19, 2012.
- The author has previous independent experience and knowledge of the area having conducted exploration, including property examinations, within the Sixtymile district for Teck Exploration Ltd. in 1993 and 1997 to 2000 and Kerr Addison Mines from 1983 to 1984. The author also has extensive experience throughout the White Gold district. The author has examined the Lerner, Connaught, Butler, and assorted occurrences within the Sixtymile goldfields, and worked on the adjacent Fifty Mile Project of Ryan Gold Corp. in 2011.

2.4 Limitations, Restrictions and Assumptions

The author has relied in part upon work and reports completed by others in previous years in the preparation of this report as identified under section 2.3, “Source Documents” and section 19.0, “References”. The author has assumed that the previous documented work on the property and in the region is valid and has not encountered any information to discredit such work. Thorough checks to confirm the results of such work and reports have not been done. Unless otherwise stated the author has not independently confirmed the accuracy of the data. Exploration assessment reports, listed in Section 19.0, “References”, were completed by competent professionals and/or reputable prospectors and have been accepted by the Mining Recorder.

3.0 RELIANCE ON OTHER EXPERTS

While title documents and the option agreement were reviewed for this study as identified under section 2.3, “Source Documents”, this report does not constitute nor is it intended to represent a legal, or any other, opinion as to the validity of the title. The title and option agreement information were relied upon to describe the ownership of the property, claim summary and summary of the option agreement in Section 4.2, “Land Tenure”.

4.0 PROPERTY DESCRIPTION AND LOCATION

4.1 Location (Figures 1 and 2)

The Fifty Mile Project, NTS map sheets 116C/01-02 and 115N/ 15-16 is located near Sixtymile site *(Figure 2)* in the Sixtymile goldfields, approximately 58 km west of Dawson City, Yukon Territory *(Figure 1)*. Dawson City is 538 km by paved highway north of Whitehorse, Yukon Territory *(Figure 1)*. The property is centered at a latitude and longitude of 64°02’N, 140°35’W.

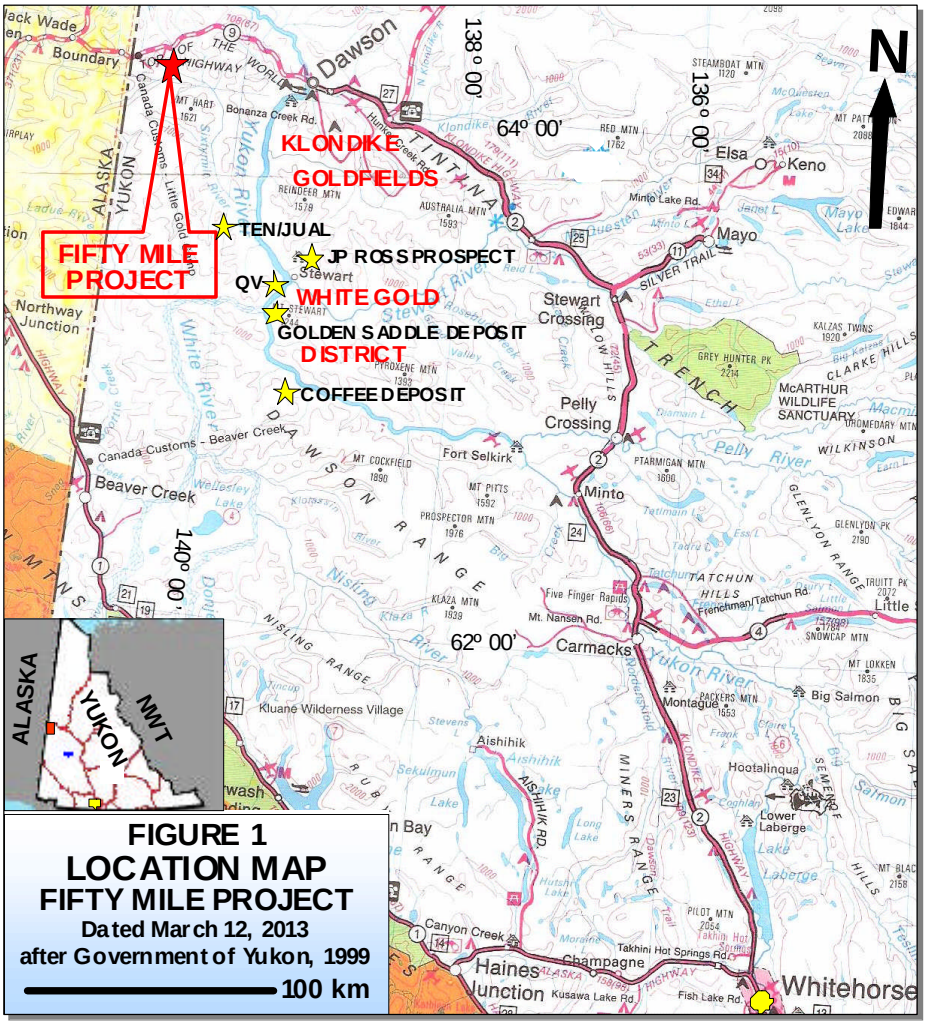


FIGURE 1
LOCATION MAP
FIFTY MILE PROJECT
Dated March 12, 2013
after Government of Yukon, 1999
100 km

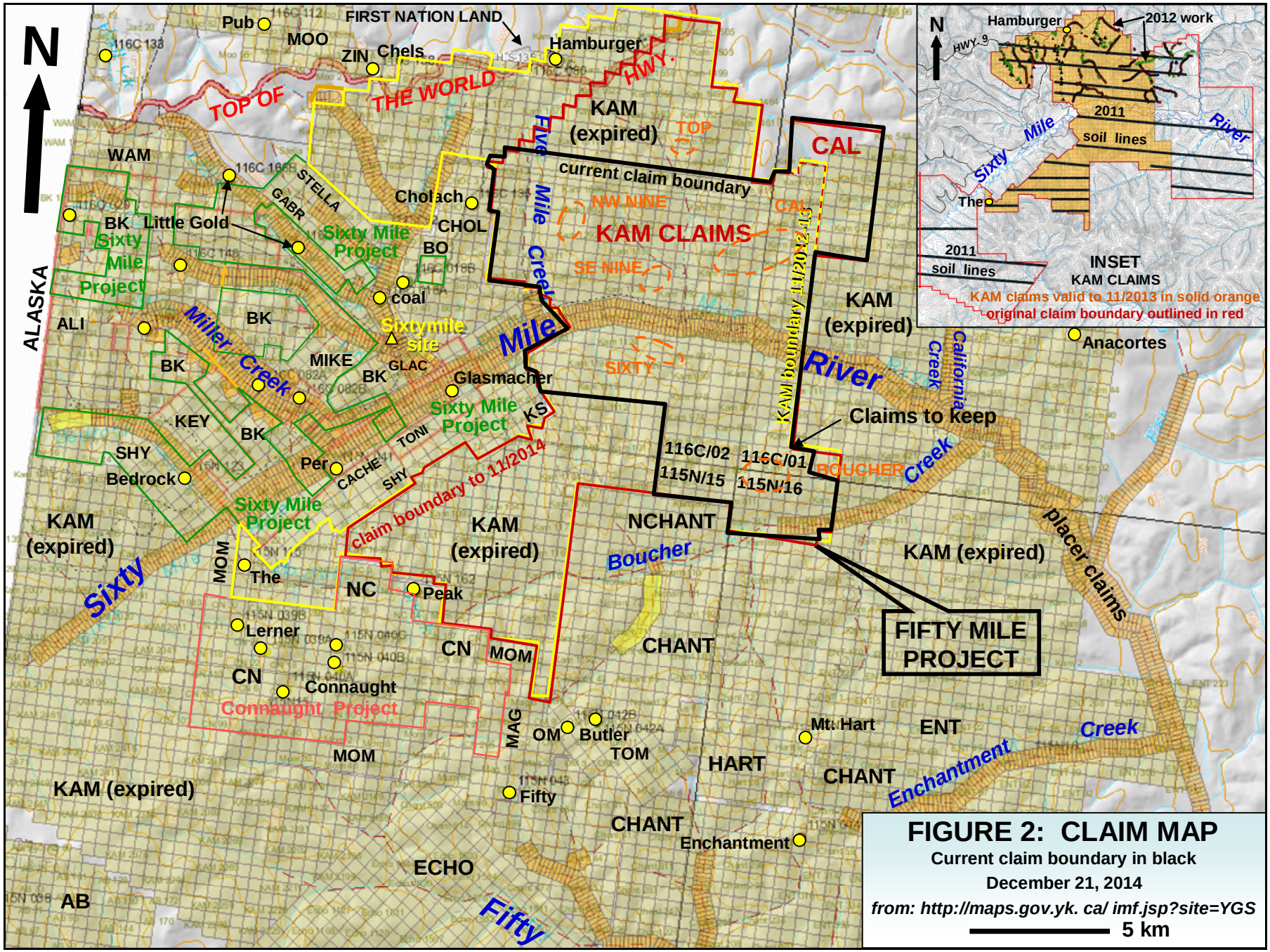


FIGURE 2: CLAIM MAP

Current claim boundary in black

December 21, 2014

from: http://maps.gov.yk. ca/ imf.jsp?site=YGS

5 km

4.2 Land Tenure (Figure 2)

The Fifty Mile Project consists of 549 Yukon Quartz Mining claims covering an area of approximately 11,475 hectares in the Dawson Mining District *(Figure 2)*. The area is approximate since claim boundaries have not been legally surveyed. The mineral claims were located by GPS and staked in accordance with the Yukon Quartz Mining Act on claim sheets 116C/01-02 and 115N/15-16, available for viewing in the Dawson Mining Recorder's Office. Placer claims occur within the property area, but do not affect the title to, or exploration on, the mineral claims. The Kam and Cal claims are registered 100% to 0908937 B.C. Ltd. *(website at http://www.yukonminingrecorder.ca/)*. A table summarizing pertinent claim data follows.

TABLE 1: Claim data

Claim Name	Grant No.	No.	Expiry Date
Kam 627-635, 688-701, 748-69, 782-827	YE40327-35, 388-401, 448-69, 482-527	91	01/11/2015*
Kam 840-881, 83, 889-1009, 1024-1037, 46-55	YE40540-81, 83, 89-709, 724-37, 46-55	188	01/11/2015*
Kam 1038-45, 1084-91	YE40738-45, 84-91	16	01/11/2015
Kam 70-83, 1092-1101, 16-29, 38, 40, 42, 44	YE40770-783, 792-801,816-829, 38,40,42,44	42	01/11/2015*
Kam 1130-37, 39, 41, 43, 45	YE40830-37, 39, 41, 43, 45	12	01/11/2015
Kam 1194-1207, 1270-83, 1302-5	YE40894-907, 970-83, 44002-5	32	01/11/2015*
Kam 1208-21, 1284-1300, 1301	YE40908-21, 84-41000, 44001	32	01/11/2015
Kam 1306-11, 16-21	YE44006-11, 16-21	12	01/11/2015
Kam 1312-15,1322-25, 1465-6, 81-4, 1509-12	YE44006-015, 022-25, 155-6,	18	01/11/2015*
Kam 1538, 40-42, 73-74, 1607-08	YE44238, 40-42, 73-74, YE44152-53	8	01/11/2015*
Kam 1537, 39, 67-72, 99--1606, 1631-38	YE44237, 39, 67-72, 99-306, 331-38	24	01/11/2015
Kam 1639-40, 61-72, 74, 87-94, 96	YE44339-40, 61-72, 74, 87-94, 96	24	01/11/2015*
Cal 1-50	YE77921- YE77970	50	03/09/2015
TOTAL		**549**	

* expiry date based on acceptance of 2014 assessment report

Originally 2500 KAM claims were staked in 2011 by Seafield Explorations Ltd., but 1332 were allowed to lapse on November 1, 2012, and four additional claims were dropped on the northern edge of the property *(Figure 2 inset)*. An additional 50 CAL claims were staked August 31, 2013 by 0908937 B.C. Ltd. and 242 claims were allowed to lapse on November 1, 2013 *(Figure 2)*. Another 423 claims were allowed to lapse on November 1, 2014. The current claim boundary is shown in black on Figure 2.

All claims are subject to an option agreement between Seafield Explorations Ltd. and 0908937 B.C. Ltd. in a letter of agreement signed and dated April 1, 2011. A 100% interest can be earned by 0908937 B.C. Ltd. in the Fifty Mile Project claims through a series of staged payments and issuance of shares to Seafield Explorations Ltd. and completion of exploration expenditures, totaling $100,000 cash, 1,000,000 common shares, and $300,000 in exploration expenditures. The vendor will retain a 2.0% underlying net smelter return royalty (NSR), of which 1.0% may be purchased for $1,500,000.

The Fifty Mile Project is located within the Traditional Territory of the Tr'ondëk Hwëch'in First Nation. The First Nation has settled their land claims in the area, and no First Nation land occurs within or proximal to the Fifty Mile property. No First Nation or other concerns are anticipated. The land in which the mineral claims are situated is Crown Land and the mineral claims fall under the jurisdiction of the Yukon Government. Surface rights would have to be obtained from the government if the property were to go into development.

A mineral claim holder is required to perform assessment work and is required to document this work to maintain the title as outlined in the regulations of the Yukon Quartz Mining Act. The amount of work required is equivalent to $100.00 of assessment work per quartz claim unit per year. Alternatively, the claim holder may pay the equivalent amount per claim unit per year to the Yukon Government as “Cash in Lieu” to maintain title to the claims.

Preliminary exploration activities do not require permitting, but significant drilling, trenching, blasting, cut lines, and excavating may require a Mining Land Use Permit that must be approved under the Yukon Environmental Socioeconomic Assessment Act (YESSA). A permit is not currently in place for the Fifty Mile Project, but will be applied for as required. To the author’s knowledge, the Fifty Mile Project area is not subject to any environmental liability.

5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

5.1 Access, Local Resources and Infrastructure (Figures 1-2, and 10)

The property is accessible via the Top of the World Highway (summer travel only), which is accessed via a ferry across the Yukon River from Dawson City to West Dawson *(Figure 1)*. Several southerly trending mining roads/trails *(Figure 4)* access the claims from the Top of the World Highway (Highway 9), which follows the northern portion of the property for about 4 km from kilometre 74 *(Figure 2)*. ATV access is necessary on some of the roads. The Sixty Mile road (at kilometre 80 on the Top of the World Highway) accesses the southwestern claim area via the Matson Creek road, accessible via a ford across the Sixty Mile River approximately 3 km south of Sixtymile. An old, variably overgrown road/trail off the Matson Creek road at km 10 accesses the ridge north of Boucher Creek. Another ford across the Sixty Mile River, 2 km southeast of Sixtymile, provides limited access to the claims just south of the river.

Helicopter access is also available from Dawson City, 58 km east of the property *(Figure 1)*. Dawson City is accessed by a year-round highway approximately 538 km north of Whitehorse, Yukon. Daily flight service is available from Whitehorse to Dawson City.

Water is available from the Sixty Mile River and its northerly, southerly and easterly flowing tributaries, including Boucher Creek.

Dawson City is the closest town of significant size, with a population of approximately 2020, but draws some 60,000 visitors each year. Facilities include an airport, with regular air service from Whitehorse, Yukon Territory and Fairbanks, Alaska, two helicopter bases, a hospital, police station, service stations, two grocery stores, accommodation and restaurants. Industrial services include tire repair, propane sales, welding and machine shops, heavy equipment repair and rental, a lumber mill, and freight and trucking companies. Heavy equipment and a mining oriented labour force are available for contract exploration and mining work. Main industries are tourism and gold mining. More complete facilities and a larger mining oriented labour force are available in Whitehorse.

5.2 Physiography, Climate and Infrastructure (Figures 1 to 2)

The Fifty Mile Project straddles the Sixty Mile River, covering an incised peneplain with steep hillsides and rounded crests, within the unglaciated Yukon Plateau *(Figures 1-2)*. The area is drained by northerly, southerly and easterly flowing tributaries of the Sixty Mile River including Boucher Creek and its tributaries. Elevation ranges from just below 1980 feet along the Sixty Mile River to 4500 feet on Mount Nolan in the south central property area *(Figure 2)*. Treeline is at approximately 4,000 feet. Vegetation is typical boreal forest consisting of white spruce, birch and poplar on well-drained slopes and black spruce on poorly drained frozen north facing slopes. Alder, dwarf birch, balsam fir, and spruce predominate in valley bottoms. Outcrop is restricted to ridges, small cliffs, creek bottoms and along road and trench cuts. Permafrost occurs locally throughout the property, especially along north facing slopes.

The area has a northern interior climate characterized by a wide temperature range with warm summers, long cold winters and light precipitation. Summers are warm, with daily averages in July of 20°C dropping to 5°C at night. Winters are cold, with January temperatures of -25°C during the day, dropping to an average of -35°C overnight and -50°C is not uncommon. Annual precipitation averages about 325 millimetres, including close to 200 mm of rain and 160 mm of snow. The exploration season lasts from early June until late September.

Although there do not appear to be any topographic or physiographic impediments, and suitable lands appear to be available for a potential mine, including mill, tailings storage, heap leach and waste disposal sites, engineering studies have not been undertaken and there is no guarantee that areas for potential mine waste disposal, heap leach pads, or areas for processing plants will be available within the subject property. The nearest source of hydro-electric power is Dawson City.

6.0 HISTORY (Figures 2 to 4)

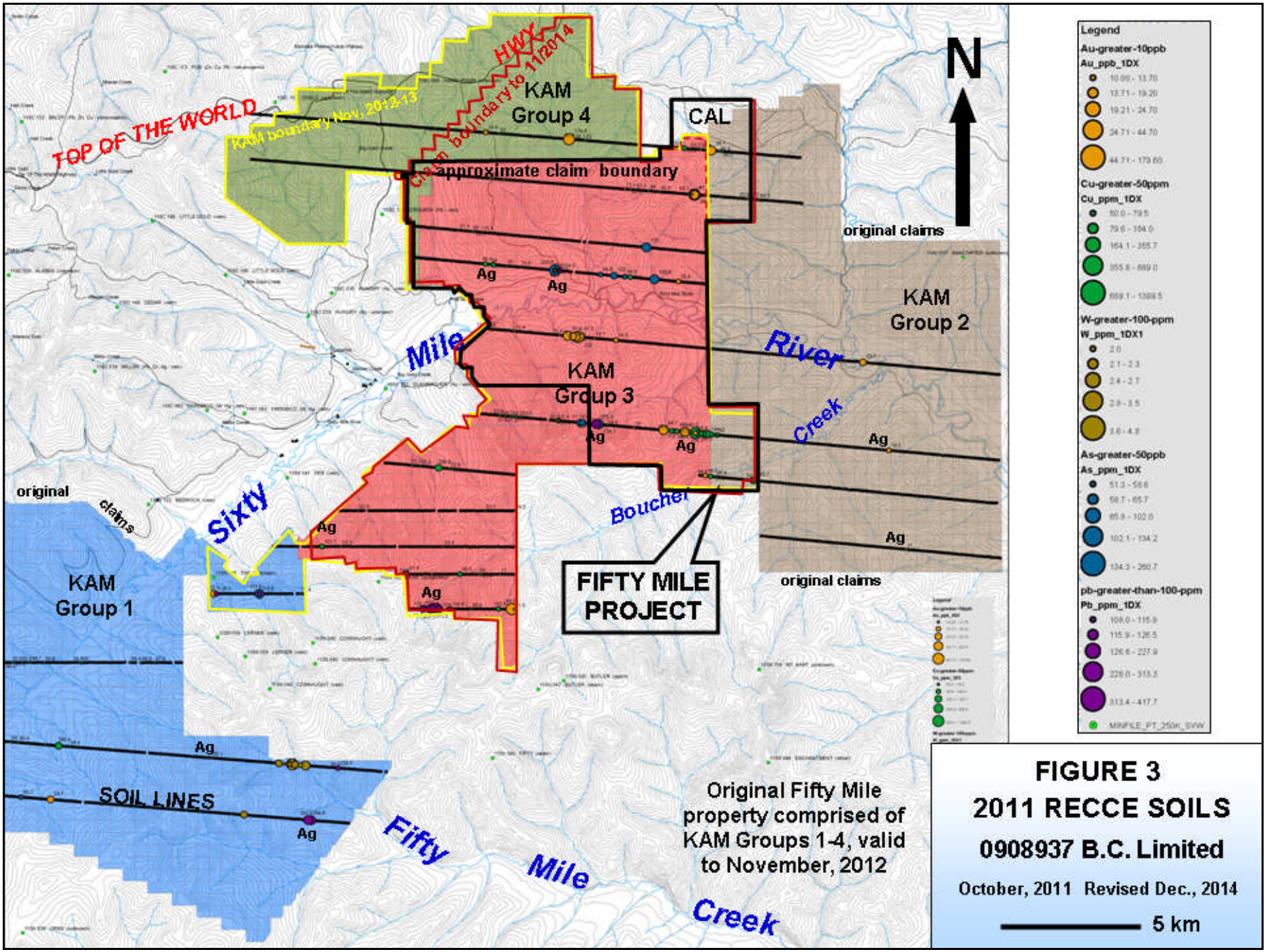
The Fifty Mile Project is situated within the Sixtymile placer goldfields which were actively explored since the 1890's. Production came from Miller, Glacier, Big Gold, Little Gold, Bedrock, California, Boucher and Matson Creeks and the Sixty Mile River. Production from the Sixtymile Goldfields is estimated at over 800,000 ounces of crude gold *(Hakonson, 1992, LeBarge et al., 2007 and 2011 and Placer Mining Section, 1998 1996, 1991)*. The Sixty Mile River and its tributaries, Boucher, California and lower Five Mile Creeks, which drain the Fifty Mile Project, are currently staked for placer (*http://mapservices.gov.yk.ca/YGS/*).

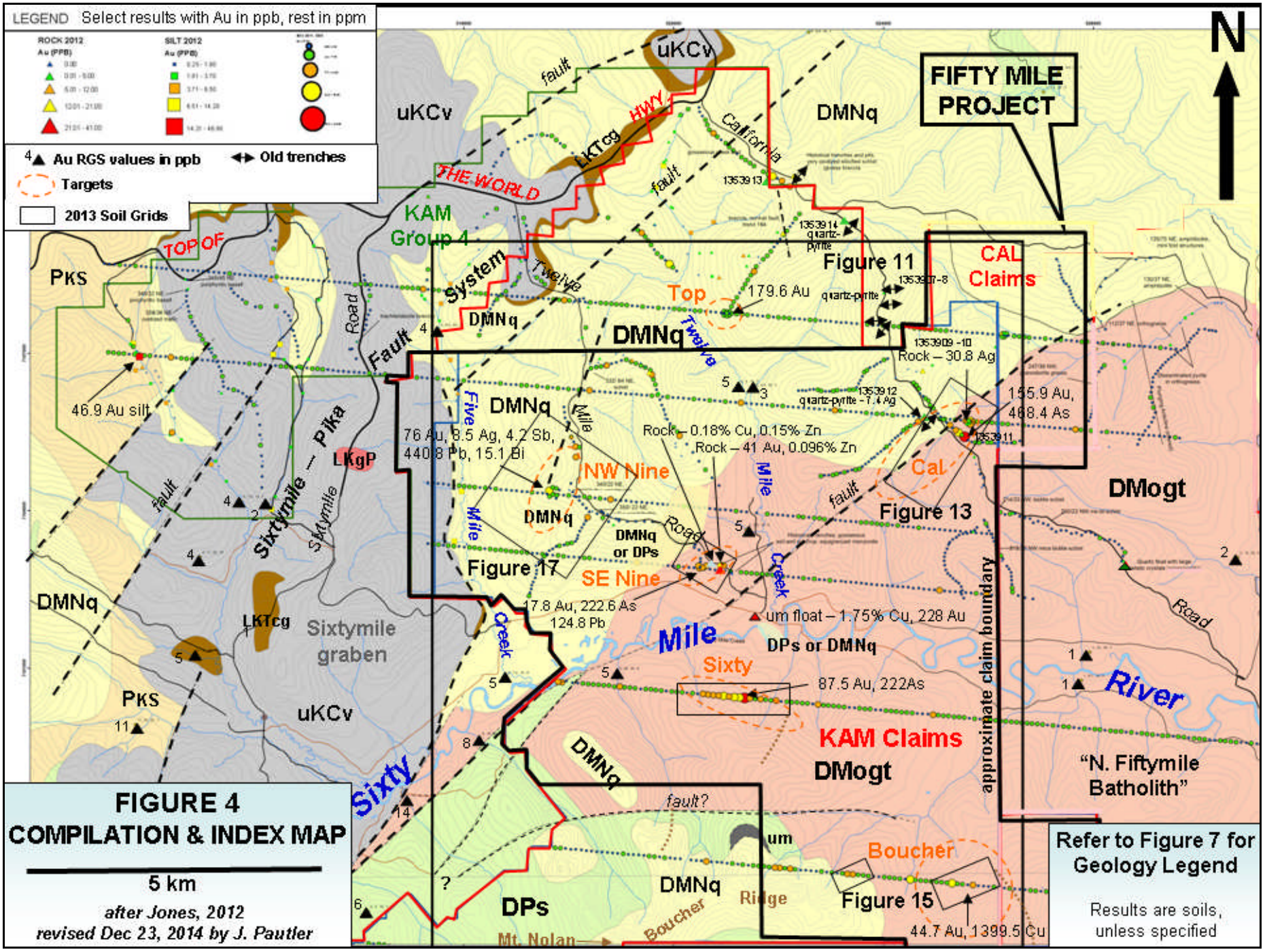
The only hard rock exploration documented on the Fifty Mile Project prior to the acquisition by Seafield Explorations Limited in 2011 was by Sixty Mile Placers Ltd., which conducted auger drilling in 1991 (collecting bedrock samples for assay) on claims along the Sixty Mile River near the mouth of Five Mile Creek (including area now part of the Fifty Mile Project). Results were generally inconclusive due to limited sampling *(Hakonson, 1992)*. However, a potential source area was located along the Sixty Mile River, approximately 1 km upstream of its confluence with Five Mile Creek, just west of the Fifty Mile Project *(Hakonson, 1992)*.

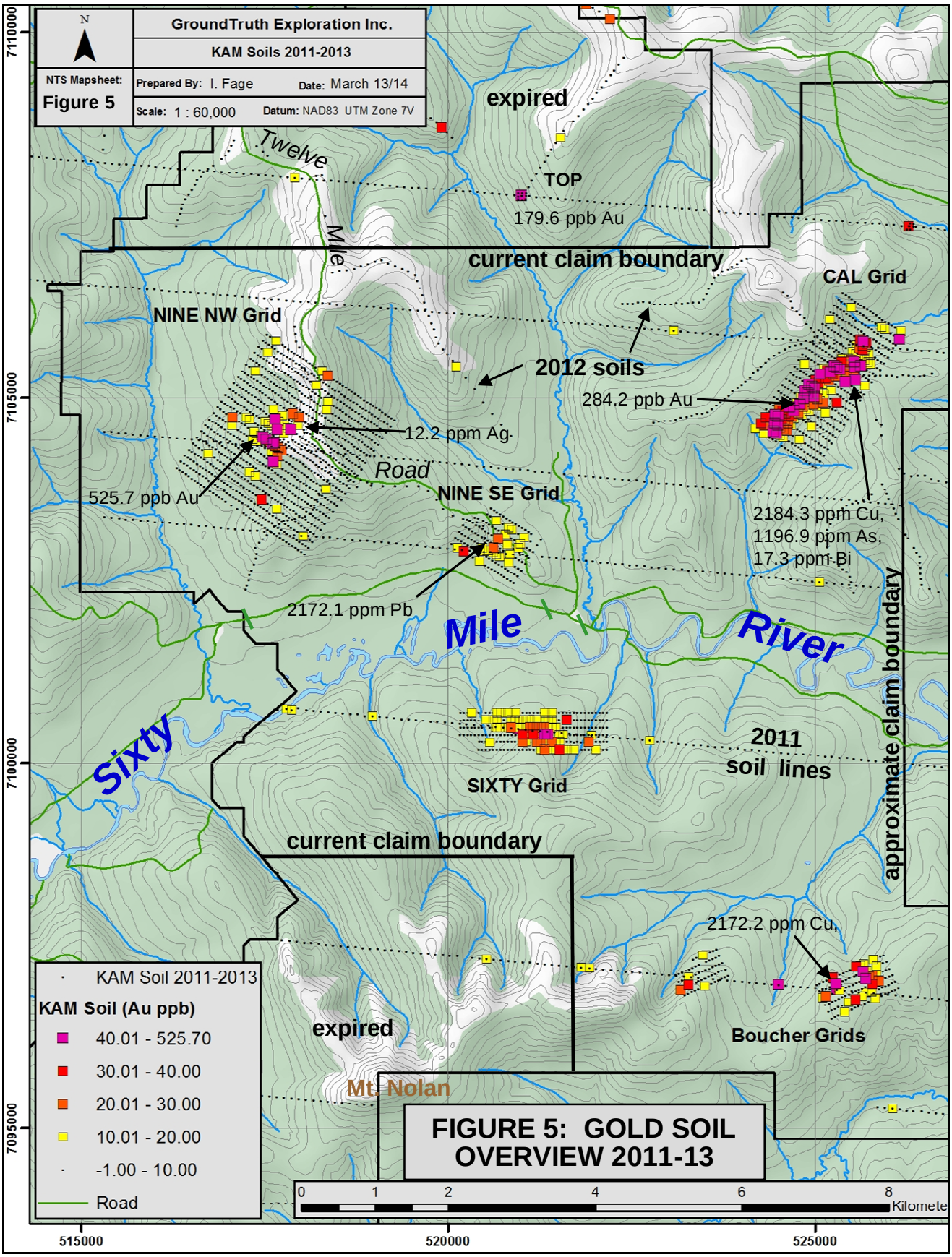
No additional prior work is documented in Yukon Minfile *(Deklerk, 2009)*, various government publications of the Yukon Geological Survey or its predecessor *(Mineral Industry Reports and Yukon Exploration and Geology)* and the Geological Survey of Canada, and company publications (primarily available as assessment reports filed with the government). However, old trenches were observed by the author along the access roads to Twelve Mile and California Creeks.

The property was acquired by 0908937 B.C. Ltd. in April, 2011. The 2011 program consisted of the collection of 1,873 soil samples on 17 reconnaissance lines across the entire 2500 Kam claims by All-In Exploration Solutions Inc. using a 100m sample spacing. The survey was successful in defining seventeen anomalies *(Figure 3)*, five single elevated gold anomalies not associated with watercourses, five elevated gold with coincident trace element and/or base metal signatures, six elevated silver with coincident trace element and/or base metal anomalies, and one elevated in base metals *(MacDonald, 2012)*. Maximum values include 179.6 ppb Au, 177.6 ppb Sb, 260.7 ppm As, 2.9 ppm Ag, 1399.5 ppm Cu, 417.7 ppm Pb, 360 ppm Zn and 26.5 ppm Mo *(Figure 4)*.

In 2012 a follow up program was conducted by Druid Exploration Inc. of Dawson City, Yukon Territory in the northern property area consisting of detailed soil sampling over accessible 2011 soil anomalies, 20 ridge and spur soil traverses in areas not previously sampled, and silt sampling, all with concurrent rock sampling where appropriate *(Jones, 2012)*. Rock samples were collected along soil and silt traverses and geological observations noted. A total of 595 soil samples, 60 silt samples and 174 rock samples were collected. Maximum values from 2012 include 156.9 ppb Au, 8.5 ppm Ag, 468.4 ppm As, 10.7 ppm Sb, 1174.7 ppm Cu, 440.8 ppm Pb, 575 ppm Zn, 19.1 ppm Mo and 15.1 ppm Bi *(Figure 4)*.


TOP OF THE WORLD
KAM boundary Nov. 2012-13
HWY
claim boundary to 11/2014
KAM Group 4
CAL
approximate claim boundary
original claims
KAM Group 2
Mile
River
KAM Group 3
Creek
Ag
Sixty
Boucher
original claims
FIFTY MILE PROJECT
KAM Group 1
SOIL LINES
Fifty
Mile
Creek
Original Fifty Mile property comprised of KAM Groups 1-4, valid to November, 2012
N
Legend
Au-greater-10ppb
Au_ppb_1DX
Cu-greater-50ppm
Cu_ppm_1DX
W-greater-100-ppm
W_ppm_1DX1
As-greater-50ppb
As_ppm_1DX
pb-greater-than-100-ppm
Pb_ppm_1DX
FIGURE 3
2011 RECCE SOILS
0908937 B.C. Limited
October, 2011 Revised Dec., 2014
5 km


LEGEND Select results with Au in ppb, rest in ppm
ROCK 2012 Au (PPB)
SILT 2012 Au (PPB)
Au RGS values in ppb
Old trenches
Targets
2013 Soil Grids
N
FIFTY MILE PROJECT
FIGURE 4
COMPILATION & INDEX MAP
5 km
after Jones, 2012
revised Dec 23, 2014 by J. Pautler
Refer to Figure 7 for Geology Legend
Results are soils, unless specified
uKCv
DMNq
PKS
LKTcg
LKgP
DMogt
DPs
Sixtymile graben
KAM Group 4
KAM Claims
CAL Claims
Figure 11
Figure 13
Figure 15
Figure 17
Top
NW Nine
SE Nine
Sixty Mile
Boucher
Ridge
Mt. Nolan
Five Mile Creek
Twelve Mile Creek
Sixtymile – Pika Road
HWY
California
THE WORLD
System
fault
fault?
approximate claim boundary
"N. Fiftymile Batholith"
River
179.6 Au
46.9 Au silt
76 Au, 8.5 Ag, 4.2 Sb, 440.8 Pb, 15.1 Bi
Rock – 0.18% Cu, 0.15% Zn
Rock – 41 Au, 0.096% Zn
Rock – 30.8 Ag
155.9 Au, 468.4 As
17.8 Au, 222.6 As
124.8 Pb
um float – 1.75% Cu, 228 Au
87.5 Au, 222As
44.7 Au, 1399.5 Cu


GroundTruth Exploration Inc.
KAM Soils 2011-2013
NTS Mapsheet:
Figure 5
Prepared By: I. Fage
Date: March 13/14
Scale: 1 : 60,000
Datum: NAD83 UTM Zone 7V
expired
Twelve Mile
TOP
179.6 ppb Au
current claim boundary
CAL Grid
NINE NW Grid
2012 soils
284.2 ppb Au
12.2 ppm Ag
Road
525.7 ppb Au
NINE SE Grid
2184.3 ppm Cu,
1196.9 ppm As,
17.3 ppm Bi
2172.1 ppm Pb
Mile River
approximate claim boundary
Sixty
2011
soil lines
SIXTY Grid
current claim boundary
2172.2 ppm Cu,
KAM Soil 2011-2013
KAM Soil (Au ppb)
40.01 - 525.70
30.01 - 40.00
20.01 - 30.00
10.01 - 20.00
-1.00 - 10.00
Road
expired
Boucher Grids
Mt. Nolan
FIGURE 5: GOLD SOIL OVERVIEW 2011-13
0 1 2 4 6 8 Kilometers
7110000
7105000
7100000
7095000
515000
520000
525000

The 2011-2012 programs identified four significant gold ±arsenic ±silver target areas (Cal, Nine, Sixty and Top), a copper-gold soil anomaly (Boucher), and a gold anomalous drainage basin (Hungry Gulch). The 2013 program involved the collection of 2,070 grid soil samples on the Cal, Nine, Sixty and Boucher targets by GroundTruth Exploration Inc. and minor prospecting, with concurrent mapping and sampling (3 soil and 22 rock samples) by the author, delineating and further defining five significant target areas, the Cal, NW Nine, Boucher, Sixty, and SE Nine. The targets and anomalies are shown on Figures 2 and 4 with 2011-2013 anomalous gold in soils on Figure 5. Maximum values from 2013 include 525.7 ppb Au, 12.2 ppm Ag, 1196.9 ppm As, 52.9 ppm Sb, 2184.3 ppm Cu, 2172.1 ppm Pb, 2450 ppm Zn, 32.9 ppm Mo and 17.3 ppm Bi.

The locations of occurrences in the area, known mineralized zones and important natural features are shown in Figures 2 and 4 in relation to the outside property boundaries.

7.0 GEOLOGICAL SETTING AND MINERALIZATION

7.1 Regional Geology (Figure 6)

Recent research and investigations of the Yukon Gold Project by the Mineral Deposit Research Unit, University of British Columbia, has contributed significantly to the understanding of the area of the Fifty Mile Project, particularly the delineation of the Sixtymile-Pika fault system and the nature and timing of mineralization *(Allan, Hart, and Mortensen, 2012)*. The results were not made public until May, 2013 due to a one year confidentiality agreement with industry participants. Regional geology of the area is documented in Gordey et al. (2006), Mortensen (1996) and Green (1972). The author has experience in the region, having conducted exploration through the area between 1983 and 2014.

The Fifty Mile Project occurs within the unglaciated Yukon Plateau portion of the Paleozoic Yukon-Tanana terrane, southwest of the Tintina fault, dominated in the regional area by Mississippian and older metaplutonic and metasedimentary rocks *(Figure 6)*. The metasedimentary rocks primarily consist of quartzite and quartz-mica schist, all commonly graphitic, and local marble and amphibolite, of the Devonian to Mississippian Nasina assemblage (**DMNq**). Minor biotite-muscovite-quartz-feldspar schist, quartzite, micaceous quartzite and rare marble (**Dps**) of the Devonian and older Nisling assemblage (Snowcap assemblage equivalent) are exposed in the southern Fifty Mile Project area. The metaplutonic rocks consist of mafic to intermediate orthogneiss (**DMogt**) within what was previously referred to as the north Fiftymile batholith *(Mortensen, 1996)*, and potassium feldspar augen orthogneiss (**DMoga**) further south within the Fiftymile batholith (previously referred to as the south Fiftymile batholith), the latter continuing to the west into Alaska.

The above units are overlain by metavolcanic rocks of the Permian aged Klondike schist (**PKS**), generally to the south of the Fiftymile batholith with minor occurrences just west and south of the Fifty Mile Project. All of the above units are intruded by intermediate to mafic and porphyritic granite intrusive rocks of the Mid Cretaceous Whitehorse plutonic suite (**Kg**) and by intermediate intrusive rocks of the Late Cretaceous (67-71 Ma) Prospector Mountain plutonic suite (**LKgP**), and overlain by basalt, andesite porphyry and dacite flows, intermediate pyroclastic rocks and associated epiclastic rocks of the Late Cretaceous Carmacks Group (**uKCv**).

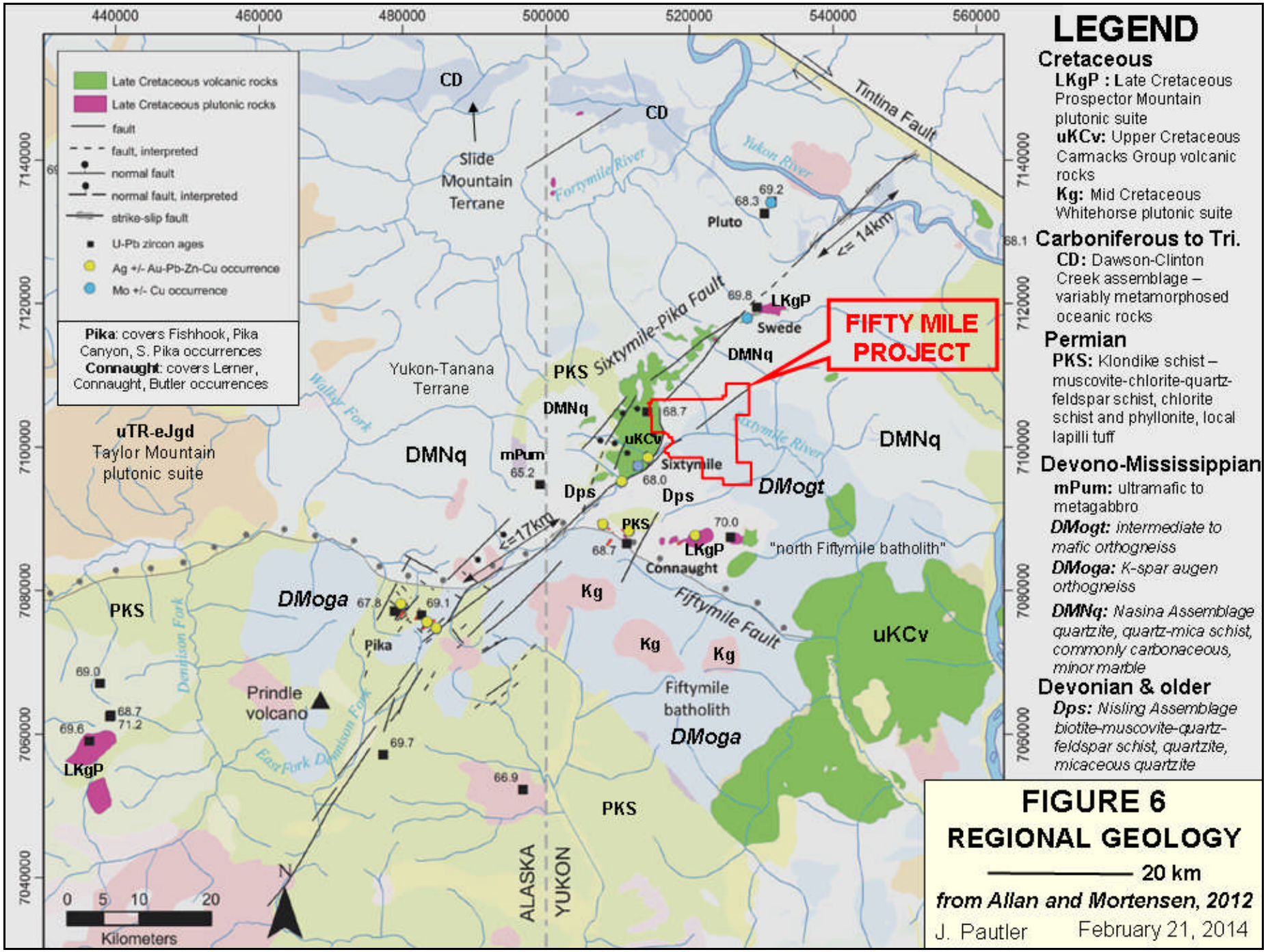
The northeast trending, approximately 140 km long Sixtymile-Pika fault system extends from the East Fork of the Fortymile River in eastern Alaska, through the Sixty Mile River valley, possibly to the Tintina fault and exhibits approximately 15 km of sinistral offset *(Figure 6)*. At Sixtymile rocks of the Upper Cretaceous Carmacks Group are preserved within the Sixtymile graben, a pull apart basin, and a north-dipping, low angle normal fault borders the northern margin of the Fiftymile batholith *(Allan and Mortensen, 2012)*.

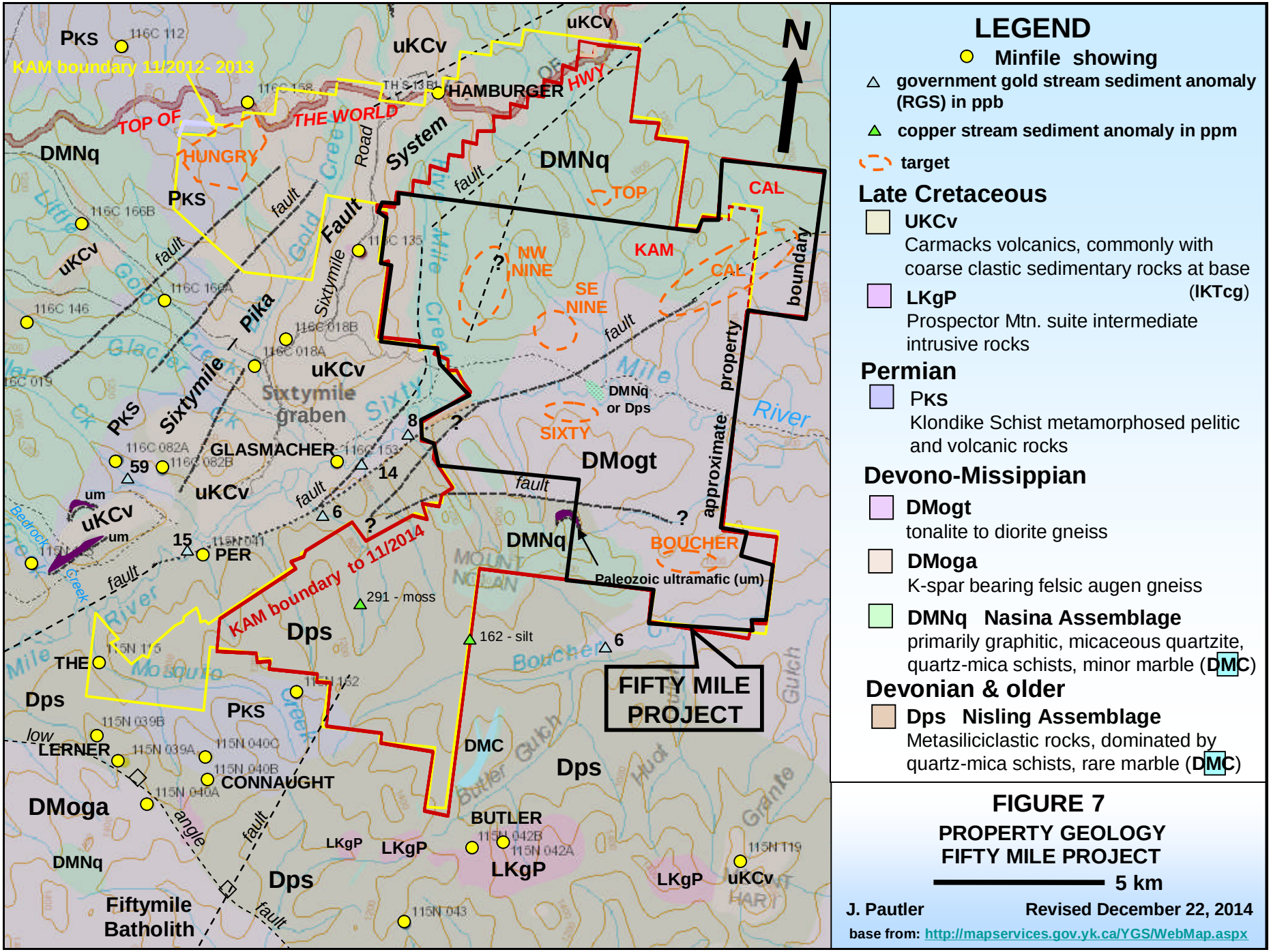
Mineralization along the Sixtymile-Pika fault system includes porphyry molybdenum occurrences (Pluto, Swede, Sixtymile), magnetite skarn (Butler), polymetallic silver-lead ±zinc-copper-gold veins (Connaught, Lerner, Butler, Per, Fishhook, Pika Canyon) and epithermal and orogenic gold (Glasmacher, Per).

A Late Cretaceous epithermal and intrusion-related mineralization event has been previously recognized in the Sixtymile area *(Glasmacher and Friedrich, 1992)*, supported by recent exploration activities by Rackla Metals Inc. and recently recognized in the Pika area of Full Metal Minerals Ltd. in eastern Alaska *(Allan and Mortensen, 2012)*. The Sixtymile and Pika areas are considered to be part of a single continuous structural and metallogenic regime with faulting, magmatism, and mineralization contemporaneous in the latest Cretaceous *(Allan and Mortensen, 2012)*.

However, orogenic veins, hosted by metamorphic rocks of the Yukon-Tanana terrane have been identified as the predominant source of placer gold in the Sixtymile district *(Mortensen et al., 2006)*. The older, orogenic style of gold mineralization at Sixtymile shares common structural and age relationships with gold-bearing veins in the Klondike and White Gold districts, which are controlled by a brittle to brittle-ductile D4 deformation event and have been dated as Middle to Late Jurassic, corresponding to the age of regional exhumation and cooling in the region *(Allan et al., 2012)*.

The gold showings and districts mentioned in this section are discussed in more detail under section 8.0, “Deposit Types” and section 15.0, “Adjacent Properties”.


440000
460000
480000
500000
520000
540000
560000
7140000
7120000
7100000
7080000
7060000
7040000
Late Cretaceous volcanic rocks
Late Cretaceous plutonic rocks
fault
fault, interpreted
normal fault
normal fault, interpreted
strike-slip fault
U-Pb zircon ages
Ag +/- Au-Pb-Zn-Cu occurrence
Mo +/- Cu occurrence
Pika: covers Fishhook, Pika Canyon, S. Pika occurrences
Connaught: covers Lerner, Connaught, Butler occurrences
CD
Slide Mountain Terrane
Tintina Fault
Forymile River
Yukon River
Pluto
69.2
68.3
<= 14km
68.1
69.8
LKgP
Swede
Sixtymile-Pika Fault
FIFTY MILE PROJECT
DMNq
PKS
Yukon-Tanana Terrane
Walker Fork
uTR-eJgd
Taylor Mountain plutonic suite
DMNq
mPum
65.2
DMNq
68.7
uKCv
Sixtymile
68.0
Dps
Dps
DMNq
DMogt
<=17km
PKS
70.0
68.7
LKgP
Connaught
"north Fiftymile batholith"
Kg
Fiftymile Fault
uKCv
DMoga
67.8
69.1
PKS
Pika
Kg
Kg
Fiftymile batholith
DMoga
Prindle volcano
69.0
68.7
71.2
69.6
LKgP
Dennison Fork
East Fork Dennison Fork
69.7
66.9
PKS
ALASKA
YUKON
N
0 5 10 20
Kilometers
LEGEND
Cretaceous
LKgP : Late Cretaceous Prospector Mountain plutonic suite
uKCv: Upper Cretaceous Carmacks Group volcanic rocks
Kg: Mid Cretaceous Whitehorse plutonic suite
Carboniferous to Tri.
CD: Dawson-Clinton Creek assemblage – variably metamorphosed oceanic rocks
Permian
PKS: Klondike schist – muscovite-chlorite-quartz-feldspar schist, chlorite schist and phyllonite, local lapilli tuff
Devono-Mississippian
mPum: ultramafic to metagabbro
DMogt: intermediate to mafic orthogneiss
DMoga: K-spar augen orthogneiss
DMNq: Nasina Assemblage quartzite, quartz-mica schist, commonly carbonaceous, minor marble
Devonian & older
Dps: Nisling Assemblage biotite-muscovite-quartz-feldspar schist, quartzite, micaceous quartzite
FIGURE 6
REGIONAL GEOLOGY
20 km
from Allan and Mortensen, 2012
J. Pautler
February 21, 2014



LEGEND

- Minfile showing
- government gold stream sediment anomaly (RGS) in ppb
- copper stream sediment anomaly in ppm
- target

Late Cretaceous

UKCv
Carmacks volcanics, commonly with coarse clastic sedimentary rocks at base (lKTcg)

LKgP
Prospector Mtn. suite intermediate intrusive rocks

Permian

PKS
Klondike Schist metamorphosed pelitic and volcanic rocks

Devono-Missippian

DMogt
tonalite to diorite gneiss

DMoga
K-spar bearing felsic augen gneiss

DMNq Nasina Assemblage
primarily graphitic, micaceous quartzite, quartz-mica schists, minor marble (DMC)

Devonian & older

Dps Nisling Assemblage
Metasiliciclastic rocks, dominated by quartz-mica schists, rare marble (DMC)

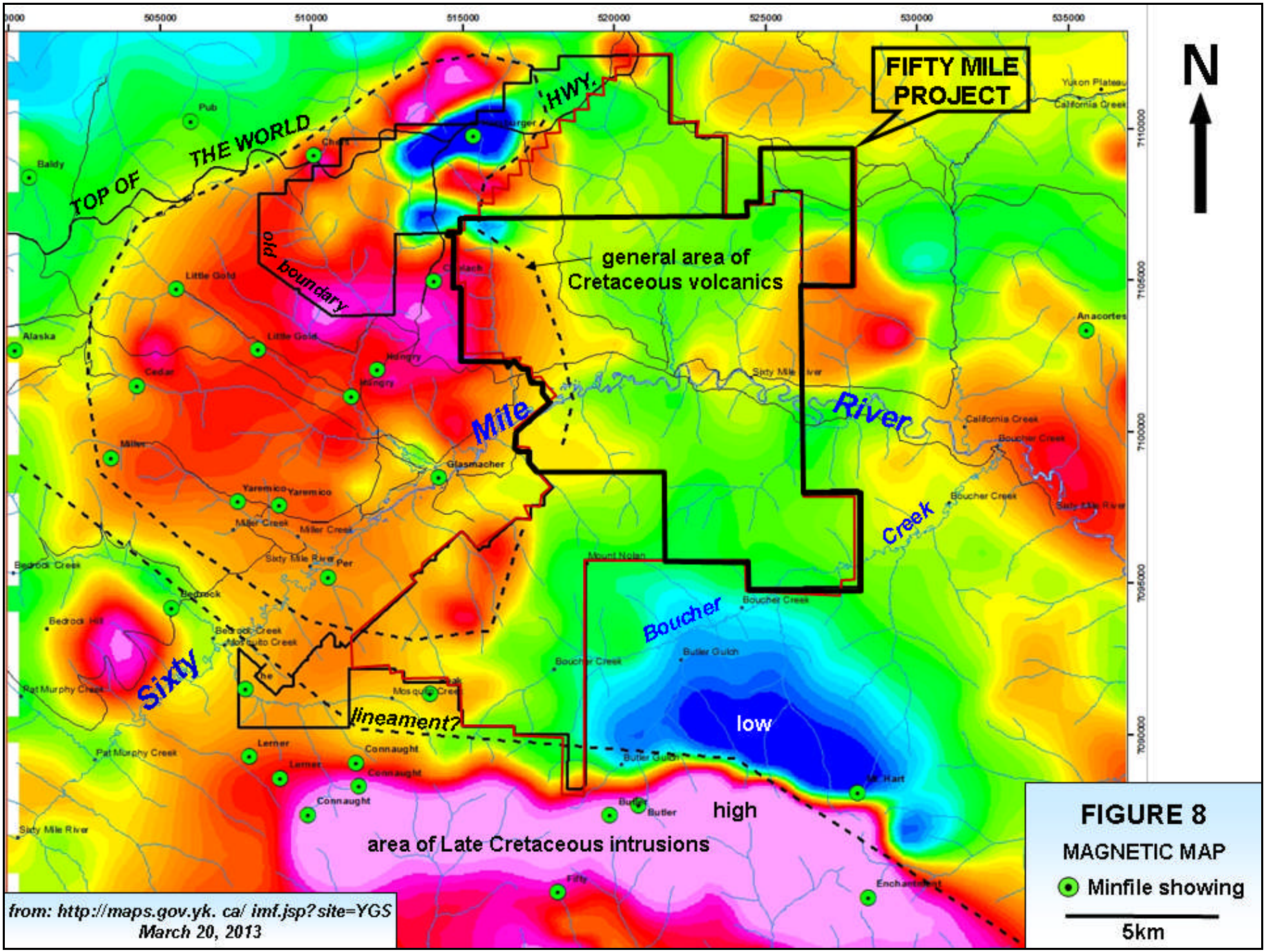
FIGURE 7

PROPERTY GEOLOGY
FIFTY MILE PROJECT

5 km

J. Pautler — Revised December 22, 2014

base from: http://mapservices.gov.yk.ca/YGS/WebMap.aspx


FIFTY MILE PROJECT
N
TOP OF THE WORLD HWY.
old boundary
general area of Cretaceous volcanics
Mile River
Boucher Creek
Sixty
lineament?
low
high
area of Late Cretaceous intrusions
from: http://maps.gov.yk. ca/ imf.jsp?site=YGS
March 20, 2013
FIGURE 8
MAGNETIC MAP
Minfile showing
5km

7.2 Property Geology (Figures 4 and 7 to 11)

Property scale mapping has not been undertaken on the Fifty Mile Project, but detailed 1:50,000 scale mapping was completed over the southern property area by Mortensen (1996). Limited prospecting/mapping was conducted by Druid Exploration Inc. in 2012 *(Jones, 2012)*. The author mapped and prospected the Nine target soil anomalies on June 24, 2014, the Cal target area on August 23-24, 2014, and the Boucher target on August 28, 2014. Previously the author briefly examined Hungry Gulch and the extent of the Sixtymile-Pika fault system through the upper Twelve Mile road on June 15, 2013, and mapped and prospected portions of the Nine target and Sixty Mile River between September 17 and 19, 2013.

Outcrop is limited on the property, comprising approximately 1%, and generally confined to ridge tops, small cliffs, creek bottoms and along road and old trench cuts. Permafrost is extensive, particularly on north facing slopes. An overview of the property geology is shown on Figure 7, geophysics on Figure 8, and detailed mapping is shown on Figures 9 to 11. A compilation is shown in Figure 4.

The Fifty Mile Project is primarily underlain by Paleozoic metasedimentary rocks with graphitic quartzite, quartzite and mica-quartz schist of the Devonian to Mississippian Nasina assemblage (**DMNq**) exposed in the northern property area, and metasiliciclastic rocks dominated by quartz-mica schists of the Devonian and older Nisling assemblage (**Dps**) in the southern property area *(Figure 7)*. Minor marble (**DMC**) is exposed just southeast of the property near Butler Gulch. Devonian to Mississippian diorite to granodiorite orthogneiss (**DMogt**) (previously referred to as the north Fifty Mile batholith) underlies the central property area. Metamorphosed pelitic and volcanic rocks (**PKS**) of the Permian Klondike Schist are exposed to the west and just southwest of the property, the latter possibly extending onto the property. Small bodies of Paleozoic ultramafic rocks occur locally, with one body mapped northeast of Mt. Nolan.

The above units are overlain by andesitic volcanic rocks of the Late Cretaceous Carmacks Group (**uKCv**), a favourable host to mineralization on the adjoining Sixty Mile Project of Rackla Metals Inc., in the northwest to northern property area. The author has not been able to independently verify information regarding the Sixty Mile Project throughout this section and it is not necessarily indicative of the mineralization on the Fifty Mile Project which is the subject of this report. Locally Late Cretaceous coarse clastic rocks, primarily conglomerate, are exposed at the base of the Carmacks Group (**lKTcg**) *(Figure 4)*. Related feldspar ± quartz porphyry dykes occur through the region.

A belt of small Late Cretaceous plugs (**LKgP**) extends westerly from Mount Hart to the Connaught area, just south of the Fifty Mile Project, and appears to have a relationship to mineralization at the Lerner-Connaught and Butler Minfile occurrences. The airborne magnetic signature suggests that the plugs are part of a larger intrusion at depth. Probable related rare outcrops occur *(Hulstein, 2009)*, and granodiorite dykes have been intersected *(Deklerk, 2009)* in the Sixty Mile valley just west of the Kam claims.

The northeast trending, Sixtymile-Pika fault system extends through the Sixty Mile River valley to the west of, and extending onto, the Fifty Mile Project *(Figure 6)*. Rocks of the

Late Cretaceous Carmacks Group are preserved within the Sixtymile graben, a pull apart basin *(Allan and Mortensen, 2012)*, which is associated with epithermal style mineralization on the Sixty Mile Project of Rackla Metals Inc., adjoining the western Fifty Mile Project *(Rackla Metals Inc., 2013)*.

In 2013 brecciation was found to be extensive in the upper Twelve Mile road area, which appears to lie along the extent of the Sixtymile-Pika fault system. The northeast trending fault system is exposed across 1.5 km and extends through a saddle area between upper Five and Twelve Mile Creeks and further south *(Figure 9)*. The fault system cuts graphitic quartzite of the Nasina Assemblage and minor Carmacks Group basalt along the northern margin of the fault system. The southern fault strand trends more north-northeast, dipping steeply, and may extend through the NW Nine target *(Figure 4)*.

Mortensen (1996) suggests a thrust contact along the north contact of the mafic augen gneiss, and a strand of the Sixtymile-Pika fault system is shown to bisect the Fifty Mile Project *(Figure 6)*, extending through the Cal target *(Figure 7)*. Gold mineralization occurs within a thrust fault zone and a northeast trending half graben fault (Sixtymile fault) just west of the Fifty Mile Project on the Sixty Mile Project of Rackla Metals Inc. *(Rackla Metals Inc., 2013)*. In 2012 the author observed extensive quartzite, commonly graphitic, and lesser metasedimentary schist (**DMNq**) along the upper California Creek road *(Figure 7)* and in 2014 the Cal target was found to be underlain by mafic orthogneiss (**DMogt**) with one occurrence of a foliated felsic biotite-feldspar porphyry dyke *(Figure 14)*. In 2012 extensive Zones (screens) of metasedimentary schist were noted within the mafic orthogneiss *(Figure 4)* along the lower California Creek road *(Jones, 2012)*.

Examination of the SE Nine target by the author in 2013 indicated that the metasediment - mafic orthogneiss (**DMogt**) contact along the road to Twelve Mile Creek occurs approximately 1 km further to the east *(Figure 11)* than previously mapped by Mortensen (1996) and no evidence of a younger monzonite intrusion *(Jones, 2012)* was observed through the area. A north-northwest trending quartz feldspar porphyry dyke, locally brecciated, cuts the orthogneiss. In 2013-14 the NW Nine target was found to be underlain by graphitic quartzite and argillite of the Nasina assemblage (**DMNq**) but the 2 km intervening area west of the mafic orthogneiss is nongraphitic micaceous quartzite and biotite-quartz schist, which may be Nisling assemblage (**DPs**). The grid area is dominated by graphitic quartzite with two occurrences of unfoliated felsic dykes noted in 2014 mapping *(Figures 17 and 20)*.

The main Boucher grid, prospected in 2014, appears to be underlain by mafic to intermediate orthogneiss with muscovite-quartz-feldspar schist *(Figure 16)*.

A lineament was interpreted by Sheldrake (2012) to trend along the northern edge of the Cretaceous intrusions, just south of the property *(Figure 8)*. A north-northeast trending fault is shown in regional government mapping in this area, which may continue across the southwest property area *(Figures 6 and 7)*. A northerly trending fault was identified in 2012 near the Top target and a plunging anticline was inferred just east of the property within the orthogneiss unit *(Jones, 2012)*.

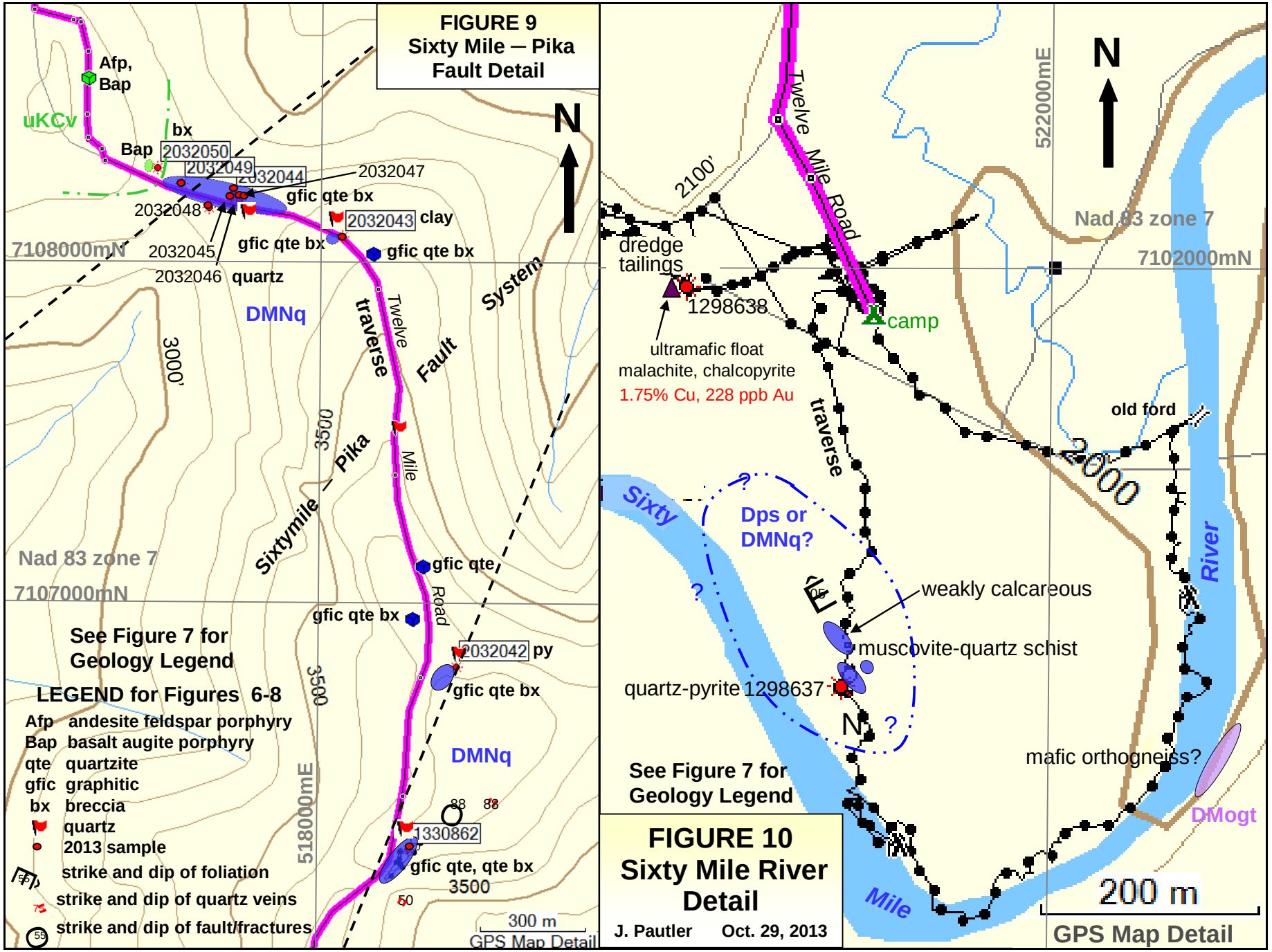
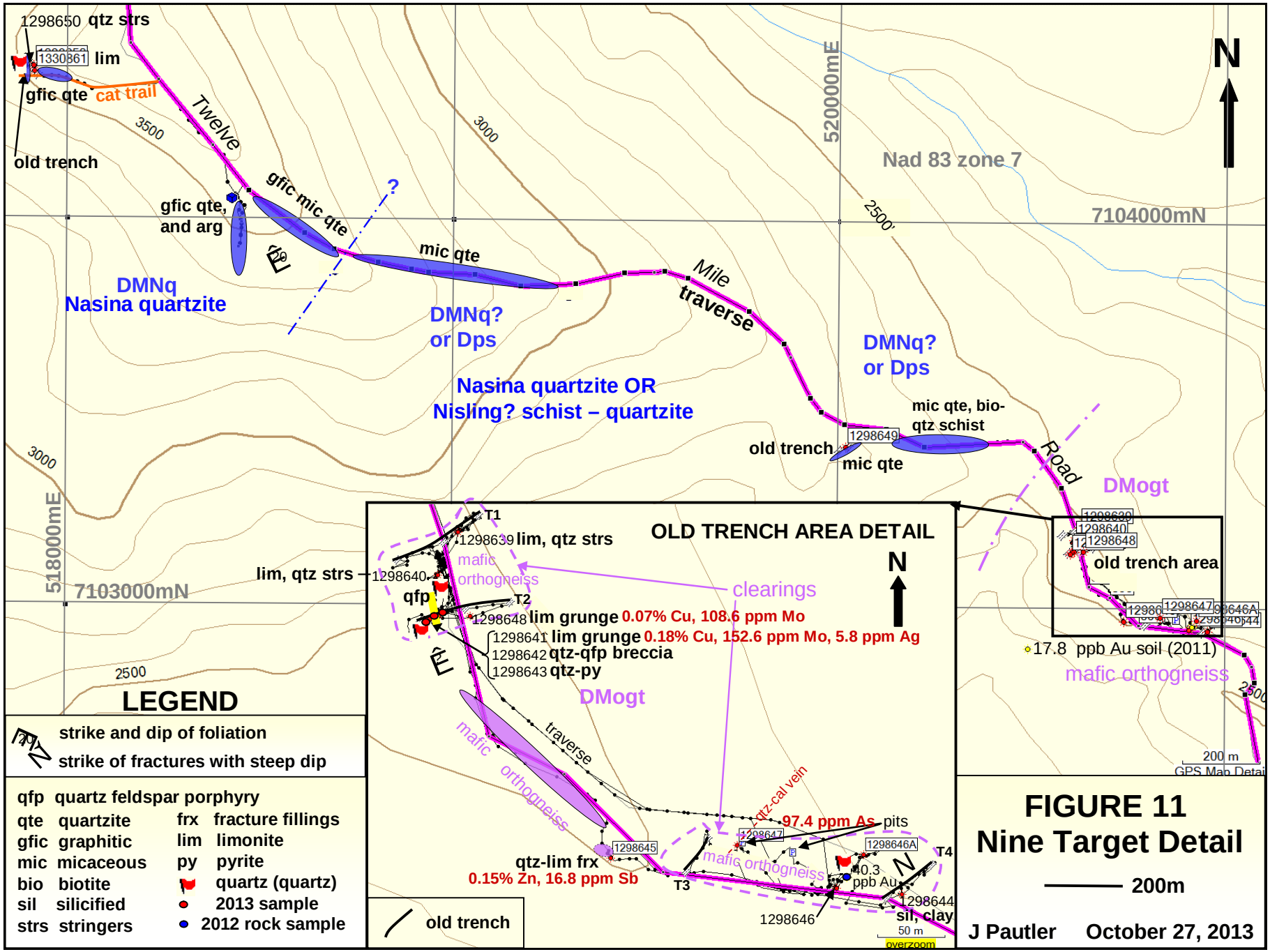


FIGURE 9
Sixty Mile – Pika
Fault Detail
N
Afp,
Bap
uKCv
bx
Bap
2032050
2032049
2032044
2032047
gfic qte bx
2032048
2032043
clay
7108000mN
2032045
gfic qte bx
gfic qte bx
2032046
quartz
DMNq
3000'
traverse
Twelve
Mile
Fault
System
3500
Pika
Sixtymile
Nad 83 zone 7
7107000mN
gfic qte
Road
gfic qte bx
2032042
py
gfic qte bx
3500
DMNq
518000mE
1330862
gfic qte, qte bx
3500
300 m
GPS Map Detail
See Figure 7 for
Geology Legend
LEGEND for Figures 6-8
Afp andesite feldspar porphyry
Bap basalt augite porphyry
qte quartzite
gfic graphitic
bx breccia
quartz
2013 sample
strike and dip of foliation
strike and dip of quartz veins
strike and dip of fault/fractures
Twelve Mile Road
522000mE
N
2100'
Nad 83 zone 7
7102000mN
dredge
tailings
1298638
camp
ultramafic float
malachite, chalcopyrite
1.75% Cu, 228 ppb Au
old ford
traverse
2000
Sixty
Mile
River
Dps or
DMNq?
weakly calcareous
muscovite-quartz schist
quartz-pyrite 1298637
mafic orthogneiss?
DMogt
See Figure 7 for
Geology Legend
FIGURE 10
Sixty Mile River
Detail
J. Pautler Oct. 29, 2013
200 m
GPS Map Detail


1298650 qtz strs
1330861 lim
gfic qte
cat trail
old trench
Twelve
3500
3000
gfic mic qte
gfic qte, and arg
?
mic qte
DMNq
Nasina quartzite
DMNq?
or Dps
Nasina quartzite OR
Nisling? schist – quartzite
Mile
traverse
DMNq?
or Dps
mic qte, bio-qtz schist
1298649
old trench
mic qte
Road
DMogt
520000mE
Nad 83 zone 7
7104000mN
2500
N
3000
518000mE
7103000mN
2500
OLD TRENCH AREA DETAIL
N
T1
1298639 lim, qtz strs
mafic orthogneiss
lim, qtz strs
1298640
qfp
T2
clearings
1298648 lim grunge 0.07% Cu, 108.6 ppm Mo
1298641 lim grunge 0.18% Cu, 152.6 ppm Mo, 5.8 ppm Ag
1298642 qtz-qfp breccia
1298643 qtz-py
DMogt
traverse
mafic orthogneiss
qtz-cal vein
97.4 ppm As
pits
1298647
1298646A
T4
40.3 ppb Au
1298645
qtz-lim frx
0.15% Zn, 16.8 ppm Sb
T3
mafic orthogneiss
1298644
sil, clay
1298646
50 m
overzoom
old trench area
17.8 ppb Au soil (2011)
mafic orthogneiss
200 m
GPS Map Detai
LEGEND
strike and dip of foliation
strike of fractures with steep dip
qfp quartz feldspar porphyry
qte quartzite
gfic graphitic
mic micaceous
bio biotite
sil silicified
strs stringers
frx fracture fillings
lim limonite
py pyrite
quartz (quartz)
2013 sample
2012 rock sample
old trench
FIGURE 11
Nine Target Detail
200m
J Pautler October 27, 2013

7.3 Mineralization (Figures 4 to 11)

There are four gold anomalous stream sediment samples in the Yukon Regional Geochemical (RGS) database which drain the Mt. Nolan area on the Fifty Mile Project *(Friske et al., 2001)*. Anomalous values include 6, 8 and 14 ppb Au from northerly flowing tributaries of the Sixty Mile River and 6 ppb Au from a southerly flowing tributary of Boucher Creek *(Figure 7).* It should be noted that the White Gold discovery was found by following up a 12 ppb Au RGS stream sediment anomaly. The Sixty Mile River and its tributaries, Boucher, California and lower Five Mile Creeks, which drain the Fifty Mile property, are currently staked for placer gold.

Five significant soil anomalies warranting follow up were delineated on the Fifty Mile Project by the 2011 to 2014 geochemical surveys funded by 0908937 B.C. Ltd. on the Fifty Mile Project, with potential for orogenic and/or polymetallic veins similar to those on the surrounding ground. In 2014 prospecting and mapping indicated potential on the eastern Cal and Boucher targets for metamorphosed copper-gold-silver-molybdenum porphyry style mineralization hosted within the mafic orthogneiss, in an environment that may be similar to the Lucky Joe prospect of Golden Predator Mining Corporation.

The Cal target covers a strong northeast trending 200m by 2 km, >10 ppb, and mostly >20 ppb, gold in soil anomaly hosted within a 2.4 km antimony-arsenic, ±silver-lead soil anomaly, with maximum values of 284.2 ppb Au, 6.5 ppm Ag, 1196.9 ppm As, 38.3 ppm Sb, 2184.3 ppm Cu, 414.7 ppm Pb, 1587 ppm Zn and 17.3 ppm Bi, primarily open to the southwest. A road proximal trench across the anomaly in 2014 returned 893 ppb Au, 60.3 ppm Ag, 2996 ppm As, 92 ppm Sb, 0.76% Pb and 0.55% Zn as a grab over 1m from a zone of fissure veins and breccia. A silver-lead-zinc-arsenic-antimony anomalous interval extends from 50 to 100m.

The Cal target also covers an easterly trending 1 km by up to 500m wide copper-gold-bismuth-silver±molybdenum soil anomaly where 2014 prospecting uncovered disseminations of chalcopyrite and chalcocite within the mafic orthogneiss, returning maximum values of 0.56% Cu with 10.9 ppm Ag, 12 ppm Bi and 78 ppm Mo. Limonitic material returned 1.406 g/t Au, 0.48% Cu, 36.9 ppm Ag, 811 ppm Bi. Disseminated chalcopyrite hosted by the mafic orthogneiss was also uncovered on the Boucher target, similar to the copper zone on the Cal grid, returning 0.12% Cu with 212 ppb Au. The Boucher target covers north-northwest trending copper-gold ±silver-molybdenum soil anomalies up to 150-300m wide, extending across the 700m long grid, with maximum values of 2171.2 ppm Cu and 43.2 ppb Au.

The NW Nine target, on the ridge east of Five Mile Creek, covers a significant irregular 50-200m by 600m long gold-silver-antimony-bismuth-lead-zinc anomaly containing the highest silver (12.2 ppm Ag) and the highest gold in soil values (525.7 ppb Au) on the property. Prospecting in 2014 returned 4.23 g/t Au with 6.4 ppm Ag, 10 ppm Bi and 734 ppm Pb from a brecciated and sericite altered felsic dyke with minor limonitic quartz ±carbonate veinlets uphill of the 8.5 ppm Ag soil anomaly. A quartz feldspar porphyry dyke was also intersected in trench FMTR14-02 below the 525.7 ppb Au soil anomaly but no significant gold values were obtained from the 60m long trench. Soil anomalies may be sourced further uphill, more proximal to the 4.23 g/t Au grab sample.

The SE Nine target covers a northeast trending >50 ppb arsenic, >3 ppm antimony soil anomaly, extending across the 700m grid over a 350m width, with associated ±lead,

silver and elevated gold. Small (<1m wide) oxidized polymetallic veins are evident with maximum values in rock from 2012-13 sampling of 1837.9 ppm Cu, 152.6 ppm Mo, 1543 ppm Zn, 559.8 ppm Pb, 236.6 ppm As, 16.8 ppm Sb, 5.8 ppm Ag and 40.3 ppb Au.

The Cal and Nine anomalies appear be associated with strands of the Sixty Mile-Pika fault system, which hosts gold mineralization on the adjacent Sixty Mile Project of Rackla Metals Inc. *(Rackla Metals Inc., 2013)*.

The Sixty target covers a northwest trending 200m by 400m coincident >20 ppb gold and >50 ppb arsenic soil anomaly with maximum values of 87.5 ppb Au and 222 ppm As, which may be masked and subdued by deep overburden and intense permafrost.

Malachite stained, chalcopyrite bearing ultramafic float, which returned 228 ppb Au, 5.8 g/t Ag with 1.75% Cu (sample 1298638), was found in the placer tailings along the north side of the Sixty Mile River *(Figures 10 and 4)*. The source could be local ultramafic lenses, one of which is mapped along the north side of Boucher Ridge *(Figure 7)*. Other ultramafic lenses occur near Bedrock Creek *(Figure 7)*.

8.0 DEPOSIT TYPE

The Fifty Mile Project lies within the Tintina Gold Belt (a 200 km wide by 1,200 km long arcuate belt extending from northern British Columbia into southwest Alaska) underlain by rocks of the Yukon-Tanana terrane. The Tintina Gold Belt includes such large gold deposits as Pogo (an orogenic deposit with proven and probable reserves of 3.6 million ounces of gold), Fort Knox (intrusion related gold deposit with proven and probable reserves of 3.8 million ounces of gold and measured and indicated resources of 1.7 million ounces of gold), True North, Donlin Creek (proven and probable reserves of 29.3 million ounces of gold and measured and indicated resources of 6 million ounces of gold), Shotgun, and the Golden Saddle deposit (White Gold district) of Kinross Gold Corp. The author has not been able to independently verify the above information and it is not necessarily indicative of the mineralization on the Fifty Mile Project, which is the subject of this report.

The Fifty Mile Project is located within the Sixtymile goldfields, which produced an estimated over 800,000 ounces of crude placer gold, primarily from creeks just west of the property *(Hakonson, 1992, LeBarge et al., 2007 and 2011 and Placer Mining Section, 1998 1996, 1991)*. Recent drilling on the Sixty Mile Project of Rackla Metals Inc. has intersected epithermal and orogenic style mineralization *(Rackla Metals Inc., 2013)*, which may continue onto the adjoining Fifty Mile Project.

On the Sixty Mile Project significant results, including 19 g/t Au over 1m in DDH11-08 and 132 g/t Au over 1.5m in DDH11-10, were intersected from the Graben Fault zone, an 8 km long belt of strongly altered Carmacks volcanic rocks associated with a northeast trending half graben fault (Sixtymile fault) that juxtaposes the volcanic rocks against Devono-Mississippian metasedimentary schists and metaplutonic rocks *(Rackla Metals Inc., 2013)*. Epithermal style mineralization was previously identified along this structure at the Glasmacher showing and the Per drilled prospect (Yukon Minfile occurrences), the latter of which returned 7.1 g/t Au over 12m from DDH89-2 *(website*

at http://data.geology.gov.yk.ca/). As in the White Gold district, gold appears to have a direct association with pyrite. Strands of the Sixtymile-Pika fault system extend onto the Fifty Mile Project *(Figure 7)*.

In addition, the drilling on the Sixty Mile Project intersected 0.5 g/t Au over 105.3m, including 1.5 g/t Au over 24m, in DDH11-18 from cross cutting gold bearing veins, reported as orogenic style, hosted by multiple beds of quartzite in the Thrust Fault zone *(Rackla Metals Inc., 2013)*.

Polymetallic veins, skarn and porphyry copper-gold-molybdenum mineralization are evident at the Lerner, Connaught and Butler Minfile occurrences just south of the Fifty Mile Project in an area of Late Cretaceous intrusions *(Figure 7)*. Good potential exists within the Boucher and Cal targets for metamorphosed copper-gold-silver-molybdenum porphyry style mineralization hosted within the mafic orthogneiss, in an environment that may be similar to the Lucky Joe prospect, owned by Golden Predator Mining Corporation. Lucky Joe exhibits similar mineralization to, and lies along trend of, the Carmacks copper-gold belt, which includes the Minto Mine of Capstone Mining Corporation.

Orogenic veins, hosted by metamorphic rocks of the Yukon-Tanana terrane have been identified as the predominant source of placer gold in the Sixtymile district *(Mortensen et al., 2006)*. This style of gold mineralization at Sixtymile shares common structural and age relationships with gold-bearing veins in the Klondike and White Gold districts, which are controlled by a brittle to brittle-ductile D4 deformation event and have been dated as Middle to Late Jurassic, corresponding to the age of regional exhumation and cooling in the region *(Allan et al., 2012)*.

As of December 31, 2013 the indicated resource at the Golden Saddle deposit at White Gold is 9,788,000 tonnes grading 2.7 g/t Au, primarily mineable by open pit methods, with an additional 2,166,000 tonnes inferred grading 1.8 g/t Au *(Kinross, 2014)*. The neighboring QV deposit has an initial open ended NI 43-101 compliant inferred open pittable resource of 4,390,000 tonnes grading 1.65 g/t Au, using a cut-off grade of 0.5 g/t Au *(Pautler and Shahkar, 2014)*. The author has not been able to independently verify this information and it is not necessarily indicative of the mineralization on the Fifty Mile Project which is the subject of this report.

At the Golden Saddle deposit and Comstock Metals' VG zone gold mineralization is associated with quartz ±carbonate veins, stockwork and breccia zones, as well as pyrite veinlets, including cubic pyrite and visible gold, predominantly hosted within Permian felsic orthogneiss (meta-intrusive) *(Bailey et al., 2012).* The alteration assemblage includes intense-quartz-carbonate-illite, with albite, pervasive K-spar and hematite. Gold occurs within and in fractures between pyrite grains and is paragenetically associated with galena, chalcopyrite, molybdenite, silver-tellurides, bismuthinite, and barite *Bailey et al., 2012)*. The Arc zone (part of the Golden Saddle deposit) is hosted by a Devono-Mississippian metasedimentary package (**DMps**), which includes silicified and graphite bearing breccias. Mineralization is associated with cubic pyrite and best fits the orogenic gold deposit model *(Bailey et al., 2012)*.

The Jurassic orogenic systems within the White Gold, Klondike and Sixtymile districts exhibit a variety of metal associations in mineralized veins and structures, with host rock lithology appearing to be the primary control. The Golden Saddle zone, hosted primarily

in felsic metaplutonic rocks, is enriched in gold and molybdenum, whereas the adjacent Arc zone, hosted in graphic metasedimentary rocks, has a gold-arsenic signature. Other associations include gold ± arsenic-antimony-tungsten-lead-copper within Klondike schist host rocks, evident in the Klondike, and lead-zinc-silver in calcareous metasedimentary rocks of the Nasina assemblage at Sixtymile *(Allan et al., 2012)*.

The author has not been able to independently verify the above information on other deposits and occurrences within this section and the information is not necessarily indicative of the mineralization on the Fifty Mile Project, which is the subject of this report.

9.0 2014 EXPLORATION (Figures 12 to 20)

The 2014 exploration program, completed between June 24 and October 8, consisted of follow up prospecting, mapping and sampling over the NW Nine, Cal and Boucher targets and follow up soils over the Cal and Boucher targets (264 samples), followed by 206 line metres of trenching to test the Cal and NW Nine targets. The program was funded by 0908937 B.C. Ltd. of the Province of British Columbia with the aid of a grant under the Yukon Mineral Exploration Program. The 2014 soil surveys, trenching and trench sampling (under the supervision of the author) were completed by GroundTruth Exploration Inc. of Dawson City, Yukon Territory. The author completed prospecting, mapping and sampling, with the collection of 30 rock and 2 soil samples, over the Nine (June 24), Cal (August 23-24) and Boucher (August 28) soil anomalies with the aid of prospectors Morgan Fraughton (Spere Exploration Inc.) on the Cal target and Chad Cote (GroundTruth Exploration Inc.) on the Boucher target. The author mapped the trenches, supervised the trench sampling and took additional samples from the trenches.

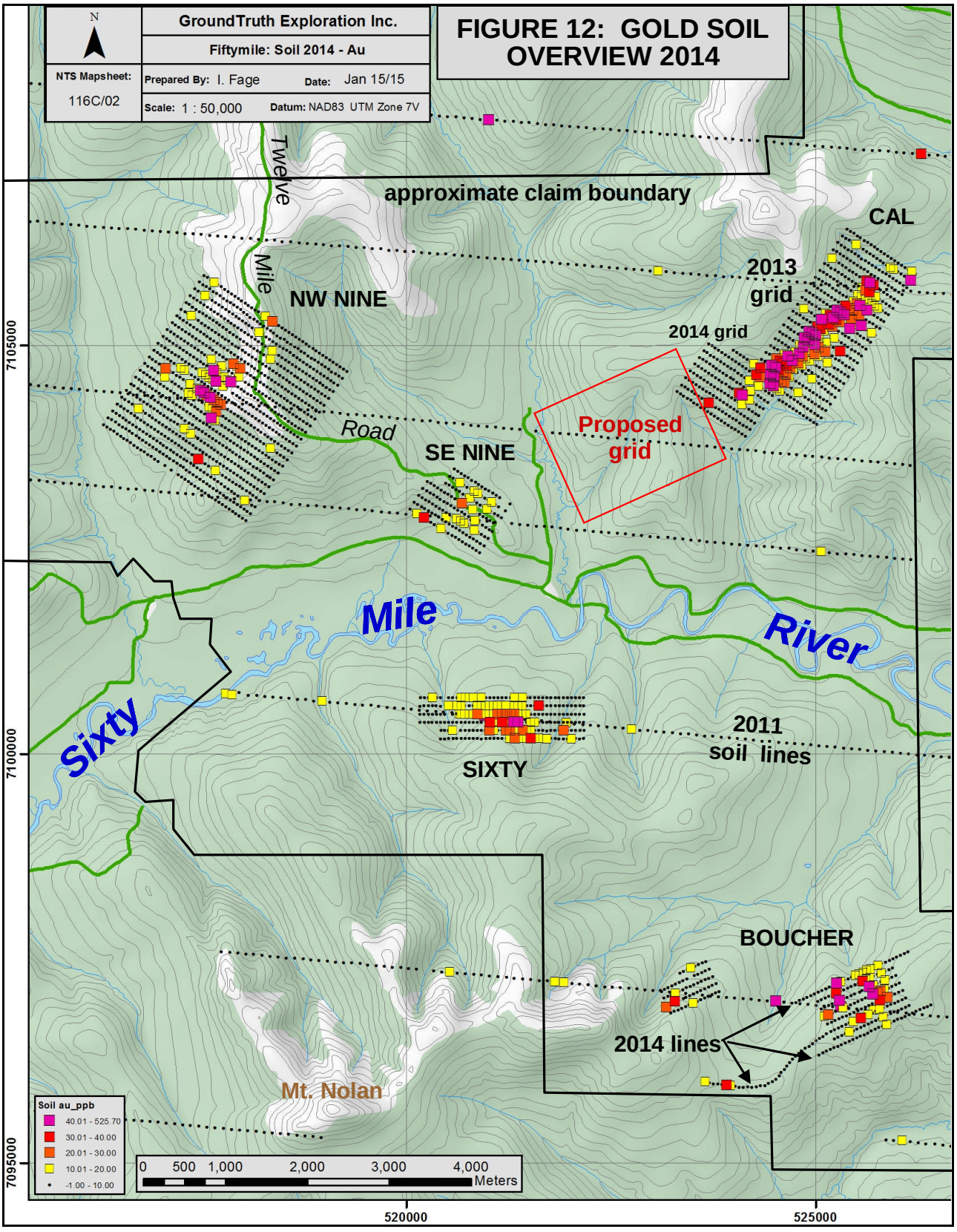
Control was provided by property scale topographic maps, compass and GPS. Sample locations are shown in Figures 12 to 20, with significant results. Sample descriptions with results are outlined in Appendix I, soil sample descriptions in Appendix II and complete laboratory results in Appendix III. Geochemistry is discussed below and mapping is discussed under sections 7.2, “Property Geology” and 7.3, “Mineralization”. Additional element plots are provided in Appendix IV, and Photographs in Appendix V.

9.1 Geochemistry and Prospecting

9.1.1 Sampling Method and Approach

A total of 293 soil, and 87 rock samples were collected for 0908937 B.C. Ltd. on the Fifty Mile Project in 2014. The author completed prospecting, mapping and sampling, with the collection of 30 rock and 2 soil samples. In the trenching program 55 rock and 29 soils were collected which are discussed under section 9.2, “Trenching”. A total of 159 grid soils and 6 QAQC samples covering 7.5 line km were completed to extend the Cal grid to the southwest on July 8, 2014 by a 5 person crew. Samples were collected along six, 305° trending, 1 km long lines, and three of the 2013 lines were extended to the northwest. All lines are 100m apart. On the Boucher target 97 soils and 2 QAQC samples were completed along two 065° trending, 1.5 km long lines at the northwest

and southeast ends of the grid and along a 1.65 km long ridge line to the west, the latter covering two saddles (often a signature of alteration). The grid and ridge line soils were collected at a 50m sample spacing. *(Refer to Figure 12.)* Most of the samples were collected from paleotalus slopes with poor soil development.



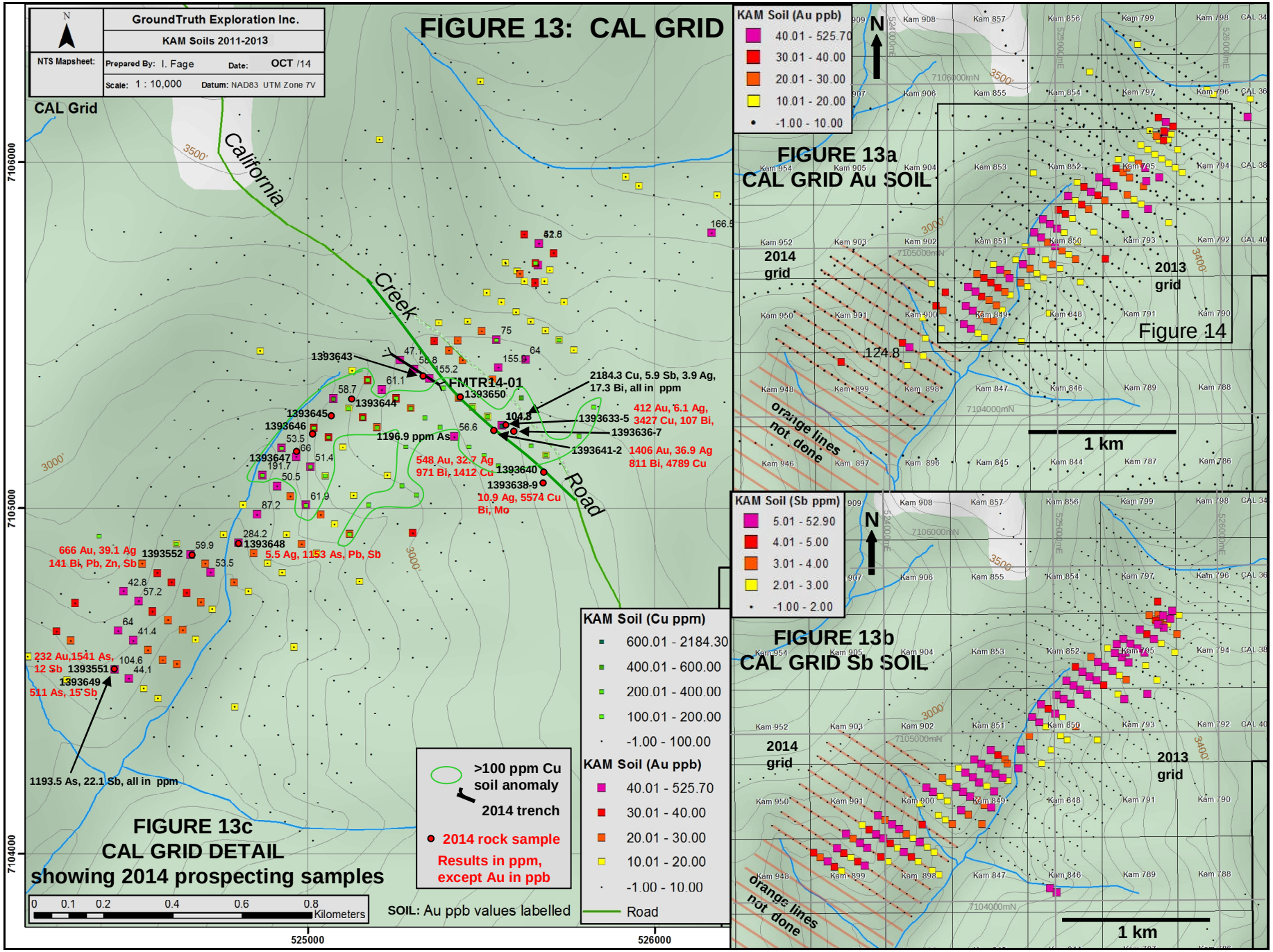


FIGURE 13: CAL GRID
GroundTruth Exploration Inc.
KAM Soils 2011-2013
NTS Mapsheet:
Prepared By: I. Fage
Date: OCT /14
Scale: 1 : 10,000
Datum: NAD83 UTM Zone 7V
CAL Grid
California Creek Road
FMTR14-01
1393643
1393644
1393645
1393646
1393647
1393650
1393633-5
1393636-7
1393641-2
1393640
1393638-9
1393648
1393552
1393551
1393649
2184.3 Cu, 5.9 Sb, 3.9 Ag, 17.3 Bi, all in ppm
412 Au, 6.1 Ag, 3427 Cu, 107 Bi,
1406 Au, 36.9 Ag 811 Bi, 4789 Cu
548 Au, 32.7 Ag 971 Bi, 1412 Cu
10.9 Ag, 5574 Cu Bi, Mo
1196.9 ppm As
5.5 Ag, 1153 As, Pb, Sb
666 Au, 39.1 Ag 141 Bi, Pb, Zn, Sb
232 Au,1541 As, 12 Sb
511 As, 15 Sb
1193.5 As, 22.1 Sb, all in ppm
KAM Soil (Cu ppm)
600.01 - 2184.30
400.01 - 600.00
200.01 - 400.00
100.01 - 200.00
-1.00 - 100.00
KAM Soil (Au ppb)
40.01 - 525.70
30.01 - 40.00
20.01 - 30.00
10.01 - 20.00
-1.00 - 10.00
Road
>100 ppm Cu soil anomaly
2014 trench
2014 rock sample
Results in ppm, except Au in ppb
SOIL: Au ppb values labelled
0 0.1 0.2 0.4 0.6 0.8 Kilometers
525000
526000
7106000
7105000
7104000
FIGURE 13c
CAL GRID DETAIL
showing 2014 prospecting samples
KAM Soil (Au ppb)
40.01 - 525.70
30.01 - 40.00
20.01 - 30.00
10.01 - 20.00
-1.00 - 10.00
FIGURE 13a
CAL GRID Au SOIL
2014 grid
2013 grid
Figure 14
orange lines not done
1 km
KAM Soil (Sb ppm)
5.01 - 52.90
4.01 - 5.00
3.01 - 4.00
2.01 - 3.00
-1.00 - 2.00
FIGURE 13b
CAL GRID Sb SOIL
2014 grid
2013 grid
orange lines not done
1 km

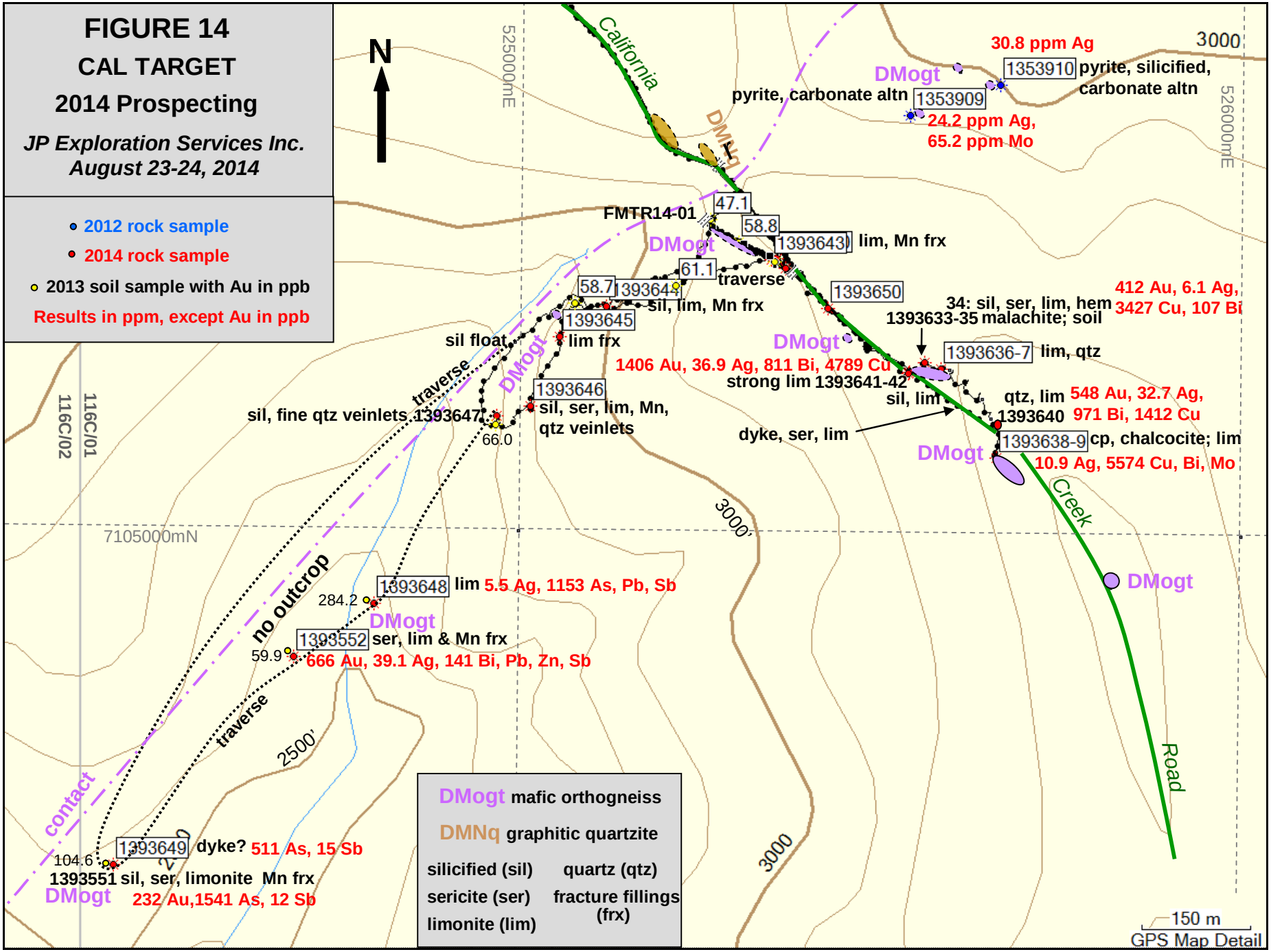


FIGURE 14
CAL TARGET
2014 Prospecting
JP Exploration Services Inc.
August 23-24, 2014
2012 rock sample
2014 rock sample
2013 soil sample with Au in ppb
Results in ppm, except Au in ppb
N
California
DMNq
525000mE
526000mE
3000'
2500'
7105000mN
116C/02
116C/01
30.8 ppm Ag
1353910 pyrite, silicified, carbonate altn
DMogt
pyrite, carbonate altn 1353909
24.2 ppm Ag, 65.2 ppm Mo
FMTR14-01
47.1
58.8
1393643 lim, Mn frx
61.1
traverse
58.7
1393644
sil, lim, Mn frx
1393650
34: sil, ser, lim, hem
1393633-35 malachite; soil
412 Au, 6.1 Ag, 3427 Cu, 107 Bi
1393645
sil float
lim frx
1406 Au, 36.9 Ag, 811 Bi, 4789 Cu
strong lim 1393641-42
1393636-7 lim, qtz
sil, lim
qtz, lim 548 Au, 32.7 Ag,
1393640 971 Bi, 1412 Cu
1393646
sil, ser, lim, Mn, qtz veinlets
sil, fine qtz veinlets 1393647
66.0
dyke, ser, lim
1393638-9 cp, chalcocite; lim
10.9 Ag, 5574 Cu, Bi, Mo
Creek
Road
no outcrop
284.2
1393648 lim 5.5 Ag, 1153 As, Pb, Sb
1393552 ser, lim & Mn frx
59.9
666 Au, 39.1 Ag, 141 Bi, Pb, Zn, Sb
contact
104.6
1393649 dyke? 511 As, 15 Sb
1393551 sil, ser, limonite Mn frx
232 Au,1541 As, 12 Sb
DMogt mafic orthogneiss
DMNq graphitic quartzite
silicified (sil)
sericite (ser)
limonite (lim)
quartz (qtz)
fracture fillings (frx)
150 m
GPS Map Detail

The grid/ridge line soil samples were collected from the C horizon, and B horizon if C horizon was not available, with 1.2m soil augers (Edelman Dutch Tulip Planter), or with a mattock where necessary (depending on vegetative cover and the thickness of the organic horizon). Approximately 400-500 grams of soil were collected and placed in waterproof Kraft soil bags, after coarse material and organic matter was removed by hand. The Kraft bags, each with a unique plastic bar coded tag, were sealed and affixed with a duplicate plastic bar coded tag. Sample stations were marked with a third plastic bar coded tag, along with pink flagging and locations were recorded by GPS in the field using UTM coordinates, Nad 83 datum, Zone 7 projection. Detailed sample notes were taken at each site (including depth, soil type, colour, vegetation) and pictures were taken of each sample and sample site. Kraft bags were placed into a 12” x 16” ore bag for transportation to the office where samples were sealed in a rice bag using a tamper proof, bar code enhanced security zip tie.

The prospecting samples consisted of 30 grab samples from quartz veins, veinlets, stringers, altered zones, breccias, sulphide (primarily pyrite) bearing and limonitic zones and 2 soil samples from the 104.8 ppb gold in soil anomaly on the Cal target. It should be noted that there is less than 1% exposure within the grid areas on the Fifty Mile Project. The rock samples were photographed, described, placed in clear plastic sample bags, and the soils in waterproof Kraft bags. Sample locations were marked with flagging tape, labelled with the sample number, and recorded by GPS. All samples were located and recorded by GPS using UTM coordinates, Nad 83 datum, Zone 7 projection, numbered and secured in the field. It appears that the 2 soil samples were erroneously analyzed as rock samples, so were not sieved to -80 mesh.

9.1.2 Results (Figures 12 to 20)

9.1.2.1 Cal Target (Figures 13 to 14)

The follow up soil grid completed in 2014 to the southwest of the 2013 Cal soil grid, extended the 1.8 km >10 ppb, and mostly >20 ppb gold in soil anomaly, a further 200m to the southwest, with a maximum value of 124.8 ppb Au *(Figure 13a)*. There is a fairly close association with arsenic and more so with antimony *(Figure 13b)* which both extend across the 2014 grid, extending the soil anomaly in both elements 600m further to the southwest for a total of 2.4 km, open to the southwest. Maximum arsenic values are 840.9 ppm As and 20.2 ppm Sb. The linearity of the anomalies suggest an association with a structure, probably a strand of the Sixtymile-Pika fault system *(Figures 4 and 7)*. The original 230° trend evident across the 2013 grid appears to deviate to 245° across the 2014 Cal grid *(Figure 13a)* and may be continuous with the SE Nine arsenic-antimony ± lead, silver and elevated gold soil anomaly *(Figure 12)*.

No significant copper in soils was uncovered on the 2014 Cal grid. An easterly trending 1 km by up to 500m wide copper in soil anomaly with bismuth, silver and molybdenum occurs on the central 2013 grid, in part coincident with anomalous gold in soils. Prospecting of the 2013 Cal grid area on August 23 and 24, 2014 uncovered an outcrop of biotite rich mafic orthogneiss (hornblende-biotite-quartz-feldspar gneiss) with disseminated malachite and chalcocite (sample 1393638) ±limonite along foliation (sample 1393639) 200m upslope of the highest copper in soil anomaly of 2184.3 ppm Cu, accompanied by 104.8 ppb Au, 3.9 ppm Ag, 5.9 ppm Sb, and 17.3 ppm Bi (sample

1369108). The former sample returned 0.56% Cu with 6.1 ppm Ag, 9 ppm Bi and 20 ppm Mo and the latter 0.38% Cu with 10.9 ppm Ag, 12 ppm Bi and 78 ppm Mo. Malachite bearing orthogneiss was observed over a 200m diameter area in soil holes, with results up to 0.34% Cu (sample 1393633) with adjacent silicified, hematite and limonite altered orthogneiss carrying 412 ppb Au (sample 1393634), both from the 2184.3 ppm Cu, 104.8 ppb Au sample site (sample 1369108).

Within the copper-gold zone a composite grab sample over 20m of strongly limonitic orthogneiss within a rusty zone of soil along the road, near the 104.8 gold in soil hole, returned 0.48% Cu, 1.406 g/t Au, 36.9 ppm Ag, 811 ppm Bi and 46 ppm Mo (sample 1393641). Another sample, 150m to the southeast, returned 0.14% Cu, 0.548 g/t Au, 32.7 ppm Ag, 971 and 971 ppm Bi (sample 1393640).

Prospecting along the linear southeast trending gold-arsenic-antimony-bismuth-zinc soil anomaly uncovered extensive limonite, ±Mn, along foliation and as fracture fillings, throughout the mafic orthogneiss ± some silicification and sericite alteration *(Figure 13c)*. The best gold in rock along this trend was 666 ppb Au with 39.1 ppm Ag, 271 ppm As, 14 ppm Sb, 141 ppm Bi, >1% Pb and 0.25% Zn (sample 1393652) from weak sericite altered, limonitic orthogneiss with limonite and Mn fracture fillings at the 59.9 ppb Au soil hole. At the southern end of the grid 232 ppb Au with 3.3 ppm Ag, 1541 ppm As and 12 ppm Sb from similar material with silicification and some calcite (sample 1393651) at the 104.6 ppb Au soil hole.

9.1.2.2 Boucher Target (Figures 15 to 16)

The two soil lines, one to the north and one to the south of the Boucher copper-gold soil anomaly, with elevated molybdenum, extended the anomaly in both directions with a maximum of 1294 ppm Cu, 41 ppb Au and 17.2 ppm Mo at the north end and 613 ppm Cu, 12.7 ppb Au and 5 ppm Mo at the south end. Elevated copper and gold occur within the saddle along the ridge soil line, 2km to the southwest and may be on trend of the elevated copper-gold soils on the West grid. *(Refer to Figure 15.)* A mercury anomaly occurs between the two copper-gold soil anomalies on the Main grid.

Prospecting of the Main Boucher grid area on August 28, 2014 *(Figure 16)* uncovered quartz ±carbonate, silicified and breccia veins, with pieces up to 15 cm observed, primarily just west of the main copper-gold soil anomaly. No significant results were obtained from this style of mineralization, which is associated with silicification, sericite and limonite-Mn fracture fillings, except for anomalous antimony of 16 ppm Sb from the phyllic altered schist host rock (sample 1330865). The grid appears to be underlain by mafic to intermediate orthogneiss with muscovite-quartz-feldspar schist ±limonite and oxidized cubic pyrite between the two copper-gold soil anomalies, corresponding to the mercury anomaly. The latter may represent phyllic (quartz-sericite-pyrite alteration) related to a structure and/or veins within a porphyry system.

Disseminated chalcopyrite hosted by the mafic orthogneiss was uncovered at the 1532.7 ppm Cu soil station, similar to the copper zone on the Cal grid. A sample of the chalcopyrite bearing granodiorite gneiss returned 0.12% Cu with 212 ppb Au (sample 1330870).

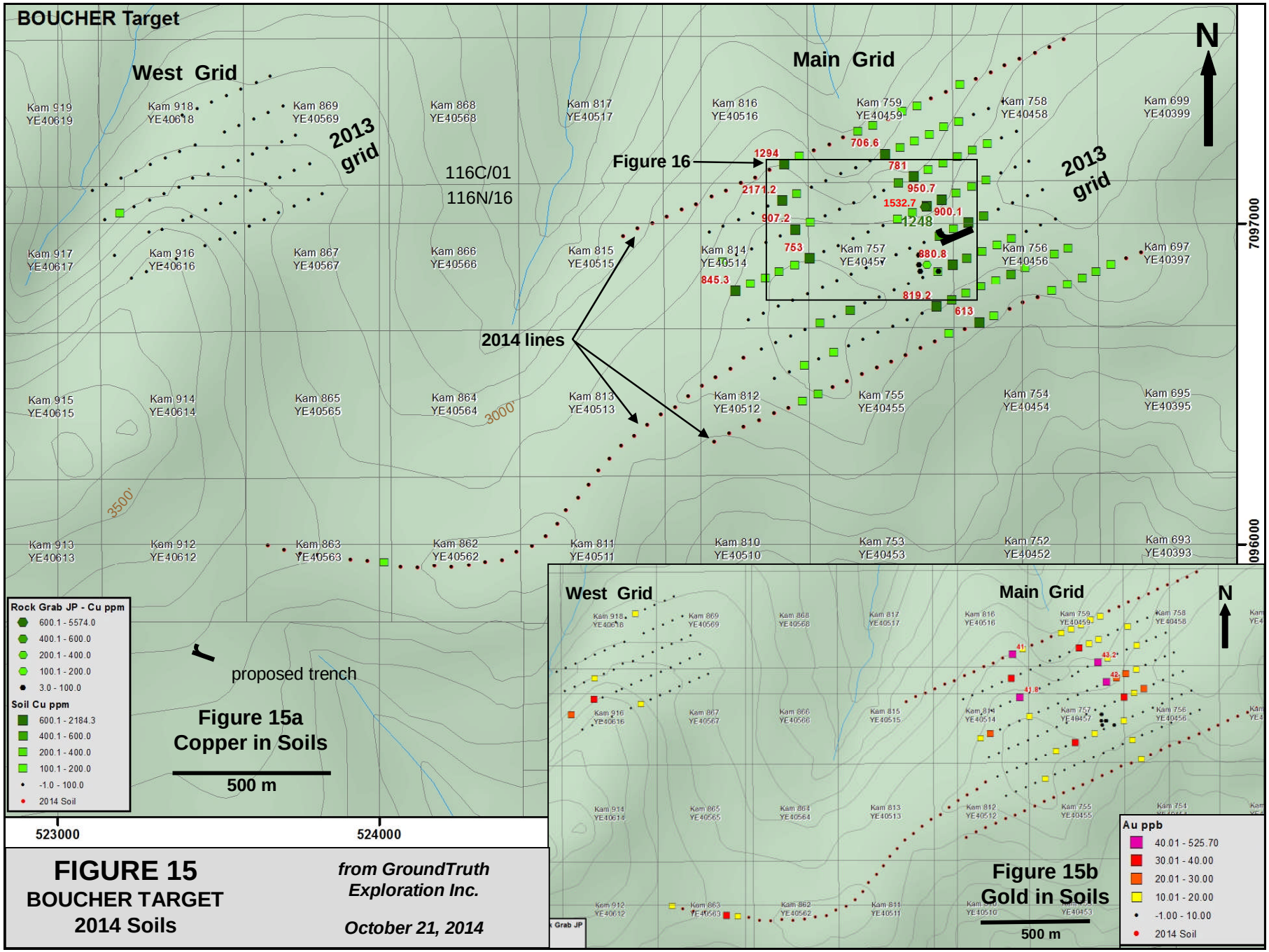


FIGURE 15
BOUCHER TARGET
2014 Soils

from GroundTruth Exploration Inc.

October 21, 2014

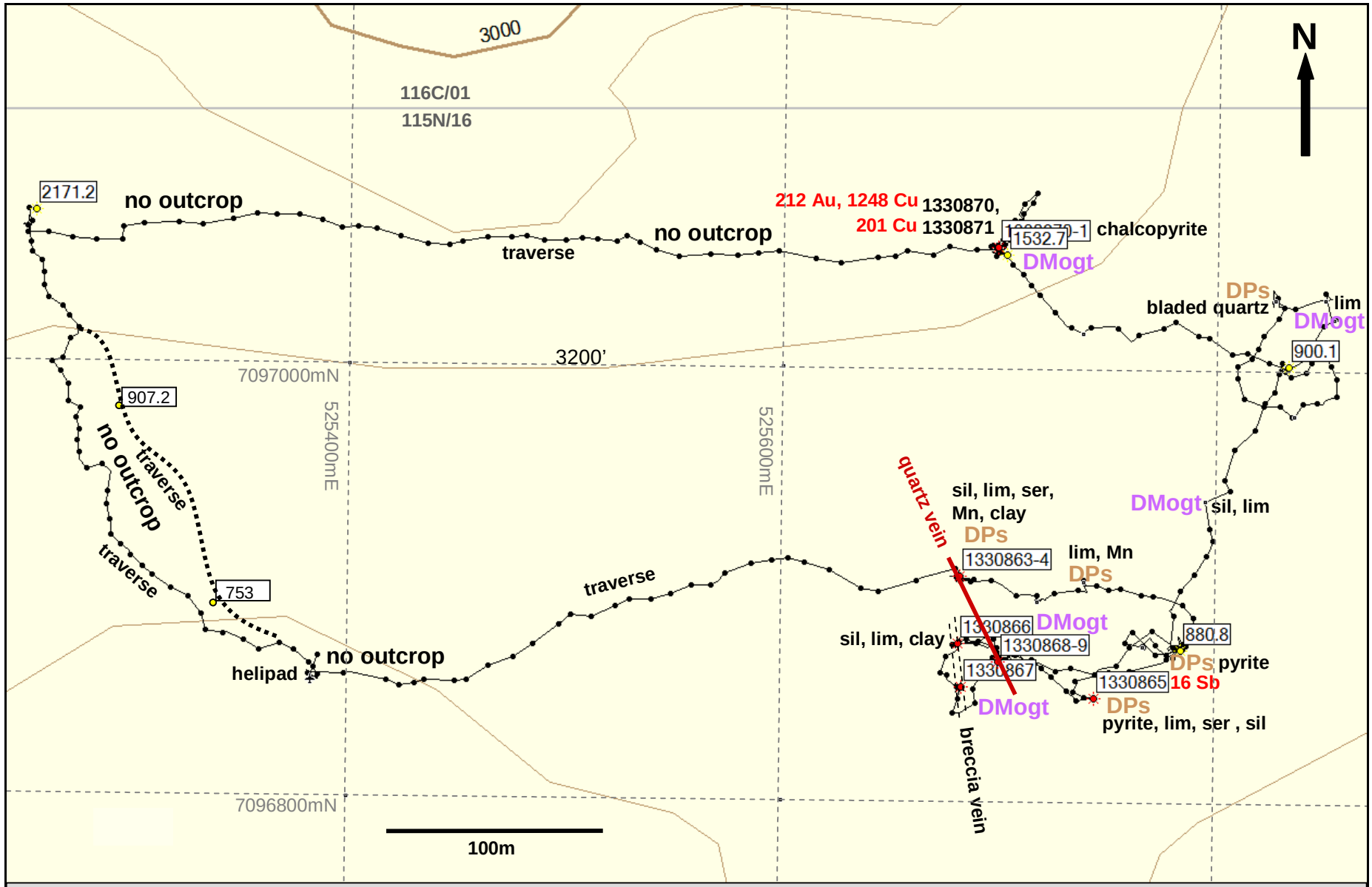


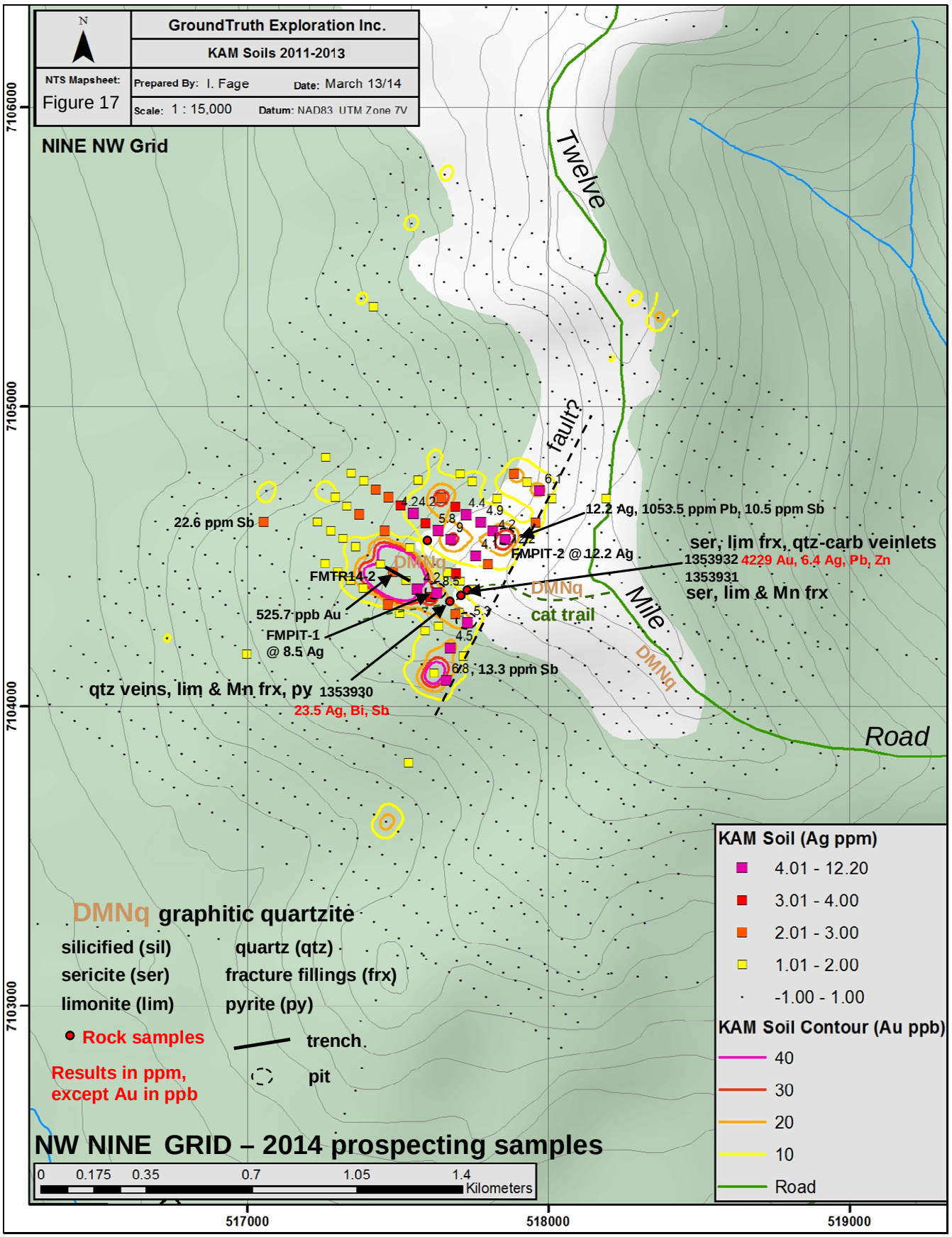
FIGURE 16
BOUCHER TARGET
2014 Prospecting

- 2014 rock sample
- 2013 soil sample with Cu
- Results in ppm, except Au in ppb

DMogt mafic orthogneiss
DPs felsic schist – possible alteration
silicified (sil)

sericite (ser) limonite (lim)

JP Exploration Services Inc.
August 28, 2014


GroundTruth Exploration Inc.
KAM Soils 2011-2013
NTS Mapsheet:
Figure 17
Prepared By: I. Fage
Date: March 13/14
Scale: 1 : 15,000
Datum: NAD83 UTM Zone 7V
NINE NW Grid
Twelve
Mile
Road
fault?
DMNq
cat trail
22.6 ppm Sb
12.2 Ag, 1053.5 ppm Pb, 10.5 ppm Sb
FMPIT-2 @ 12.2 Ag
ser, lim frx, qtz-carb veinlets
1353932 4229 Au, 6.4 Ag, Pb, Zn
1353931
ser, lim & Mn frx
FMTR14-2
525.7 ppb Au
FMPIT-1
@ 8.5 Ag
qtz veins, lim & Mn frx, py 1353930
23.5 Ag, Bi, Sb
6.8, 13.3 ppm Sb
DMNq graphitic quartzite
silicified (sil)
quartz (qtz)
sericite (ser)
fracture fillings (frx)
limonite (lim)
pyrite (py)
Rock samples
trench
pit
Results in ppm, except Au in ppb
KAM Soil (Ag ppm)
4.01 - 12.20
3.01 - 4.00
2.01 - 3.00
1.01 - 2.00
-1.00 - 1.00
KAM Soil Contour (Au ppb)
40
30
20
10
Road
NW NINE GRID – 2014 prospecting samples
0 0.175 0.35 0.7 1.05 1.4
Kilometers
7106000
7105000
7104000
7103000
517000
518000
519000

9.1.2.3 NW Nine Target (Figure 17)

Prospecting on the NW Nine grid *(Figure 17)* returned 4.23 g/t Au with 6.4 ppm Ag, 10 ppm Bi and 734 ppm Pb from a brecciated and sericite altered felsic dyke with minor limonitic quartz ±carbonate veinlets (sample 1353932). Drusy quartz veins with limonite and Mn fracture fillings and oxidized cubic pyrite cutting graphitic quartzite returned 23.5 ppm Ag, 27 ppm Bi and 28 ppm Sb (sample 1353930). The samples lie 50 and 20m, respectively, uphill of the 8.5 ppm Ag soil anomaly. Boulders and float along an old cat trail (previous creek access) through the Nine grid area consist of micaceous quartzite, primarily graphitic.

9.3 Trenching (Figures 17 to 20)

A total of approximately 206m in 2 trenches and 2 pits was excavated in 2014 on the Fifty Mile Project using a CanDig “Mining CD-21” excavator by GroundTruth Exploration Inc., of Dawson City, Yukon for 0908937 B.C. Ltd. The trenches, approximately 50-100 cm deep, were excavated over soil geochemical anomalies obtained in the 2011-2013 surveys. A total of 55 bulk rock samples were collected from the trenches and pits and an additional 29 soil samples were collected from the C horizon along the bottom of FMTR14-01 due to high oxidation, shallowness of trench and friable nature of the exposure along the trench, which could result in lower values in the rock samples due to oxidation and incomplete exposure. Trench specifications are summarized in Table 2, below and descriptions and results are tabulated in Appendix I.

Table 2: Trench specifications

Trench Number	Nad 83 Easting	Zone 7 Northing	Az. (°)	Length (m)	Sample Number	No. of Samples
FMTR14-01	525379	7105361	300	143	1369851-81* 1353939-41	34
FMTR14-02	517514	7104429	300	60	1369884-99* 1353942-3	18
FMPIT12-01	517626	7104373	-	1.5	1369882-3	2
FMTR12-02	517855	7104554	-	1.5	1369900	1
TOTAL				**206**		**55**

* sample numbers include 2 standards and 2 blanks, 1 of each in each trench

Trenches were measured out using a 100m tape and marked at 5m intervals with a plastic tag inscribed with the sample number at the halfway point within each interval. GPS readings were taken at the start of the sample interval. Samples, weighing approximately 2.5 kg over each 5m interval, consisted of approximately 40 split pieces (using a rock hammer) of randomly selected rock fragments of variable sizes either from the bottom of the trench or the windrow of rock on the side of the trench. Several select grab samples were collected of significantly mineralized or altered zones. Start of the trenches were at the uphill end.

Trench FMTR14-01 was excavated over the Cal gold-arsenic-antimony soil anomaly, where it occurs proximal to the California Creek road *(Figure 13a)*. The entire trench consisted of mafic orthogneiss with abundant limonite-manganese fracture fillings, ± quartz-silica veinlets and breccia. The best result, consisting of 893 ppb Au with 60.3

ppm Ag, 2996 ppm As, 92 ppm Sb, 0.76% Pb and 0.55% Zn, was obtained from a grab of strongly oxidized silicified-quartz fissure veinlets with strong limonite and some manganese, +/- limonite boxwork, and yellow-green scorodite from 56 to 57m in the trench (sample 1353941) *(Figure 18)*. This was hosted by a 5m interval (55-60m) carrying 7.1 ppm Ag, 620 ppm As, 18 ppm Sb, 0.15% Pb and 0.15% Zn, the only interval where brecciation was noted (sample 1369862). Similar results, shown in Table 3 below, were returned from 90-95m and from the end of the trench at 140-143m. A silver-lead-zinc-arsenic-antimony anomalous interval extends from 50 to 100m *(Appendix I)*.

Table 3: Significant results from trench FMTR14-01

Trench	From	To	Interval	Results in ppm					
Number	m	m	m	Au	Ag	As	Sb	Pb	Zn
TR12-01	50	55	5	0.024	6.6	136	11	167	560
	55	60	5	0.073	7.1	620	18	1457	1492
including	56	57	grab	0.893	60.3	2996	92	7647	5511
	90	95	5	0.038	11.9	512	123	1568	809
	140	143	3	0.027	8.3	391	18	566	542

FMTR14-01 was shallow and highly oxidized which could result in lower values in the rock samples due to oxidation and incomplete exposure. The anomalous results may be related to polymetallic fissure veins, which have not been completely exposed by trenching. There is a strong association of silver, arsenic, antimony, lead, zinc, and probably bismuth (high detection limit) with elevated gold.

The soils collected along the trench *(Figure 19)* show a multi-element anomaly from 0-5m with 81.7 ppb Au, 0.9 ppm Ag, 550 ppm As, 19.3 ppm Sb, 0.8 ppm Bi, 174 ppm Pb and 109 ppm Cu, and 80.5 ppb Au, 3.27 ppm Ag, 622 ppm As, 31.7 ppm Sb, 0.6ppm Bi, 387 ppm Pb and 771 ppm Zn over 100m from 20 to 120m.

Trench FMTR14-02 was excavated over the 525.7 ppb gold soil anomaly on the NW Nine target and pits FMTR14-01 and -02 were excavated over the highest silver anomalies on the grid of 12.2 ppm Ag (FMPIT14-02) and 8.5 ppm Ag (FMPIT14-01) *(Figure 17)*. The trench consisted of graphitic quartzite with a probable dyke of mafic orthogneiss from 50-55m (with minor mafic orthogneiss from 40-50m) and a quartz feldspar porphyry dyke at 38-40m, with possibly some quartz feldspar porphyry between 51 and 55m *(Figure 20)*. Silicification and bleaching (silica ±carbonate alteration) is widespread through the trench in both the quartzite and quartz feldspar porphyry. Minor muscovite-quartz-feldspar schist was noted between 0 and 5m. Mineralization consists of abundant limonite ±manganese fracture fillings, ± quartz-silica veinlets and oxidized pyrite.

No significant gold results were obtained from trenching on the NW Nine target and the highest silver value of 5.7 ppm Ag was obtained from 15-20m in FMTR14-02 *(Figure 20)*, associated with anomalous bismuth of 9 ppm and lead of 184 ppm (sample 1369887). The quartz feldspar porphyry dyke in FMTR14-02 occurs beneath the 525.7 ppb Au soil anomaly and 4.23 g/t Au was obtained from a brecciated and sericite altered felsic dyke with minor limonitic quartz ±carbonate veinlets (sample 1353932) during prospecting *(Figure 20)*.

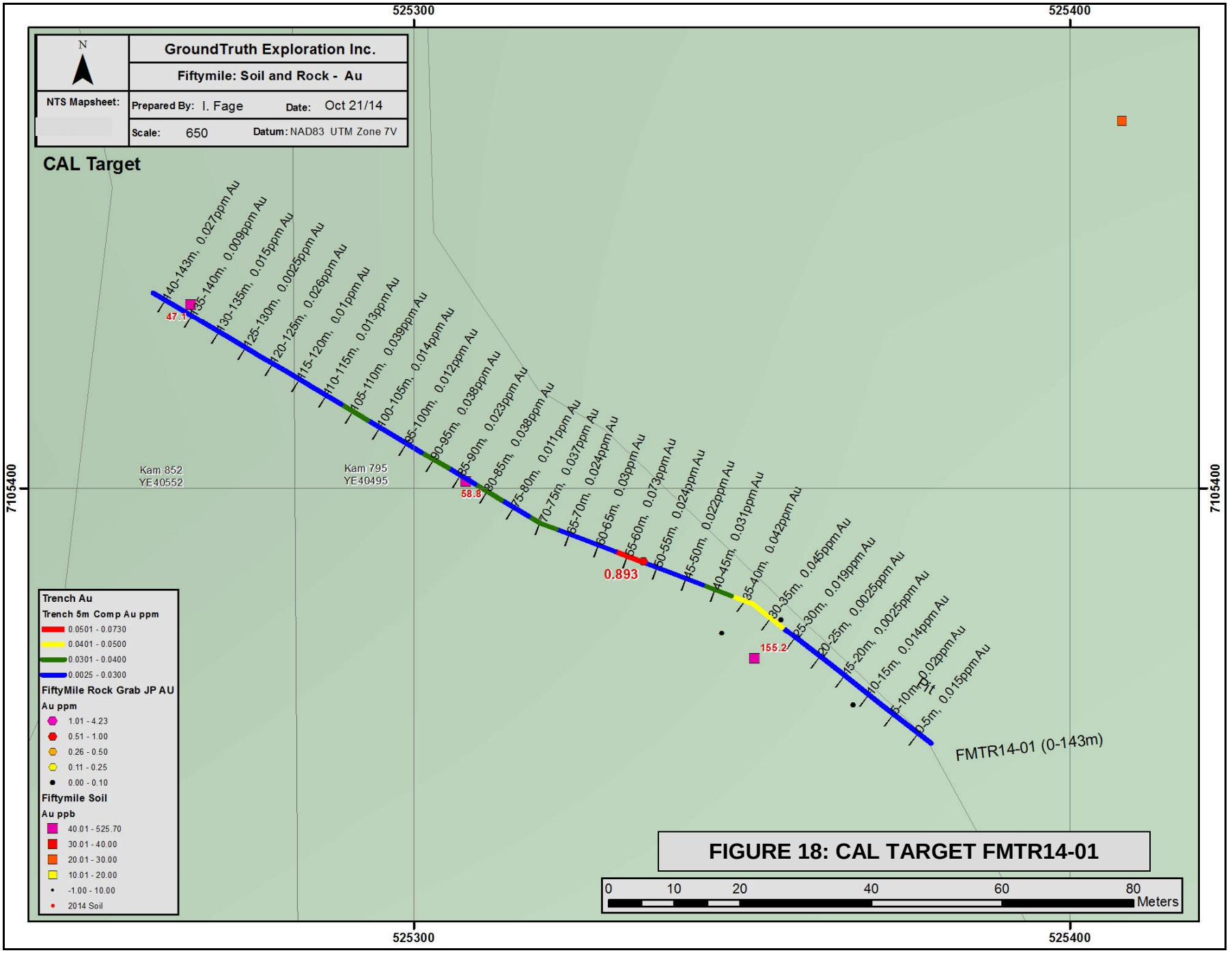
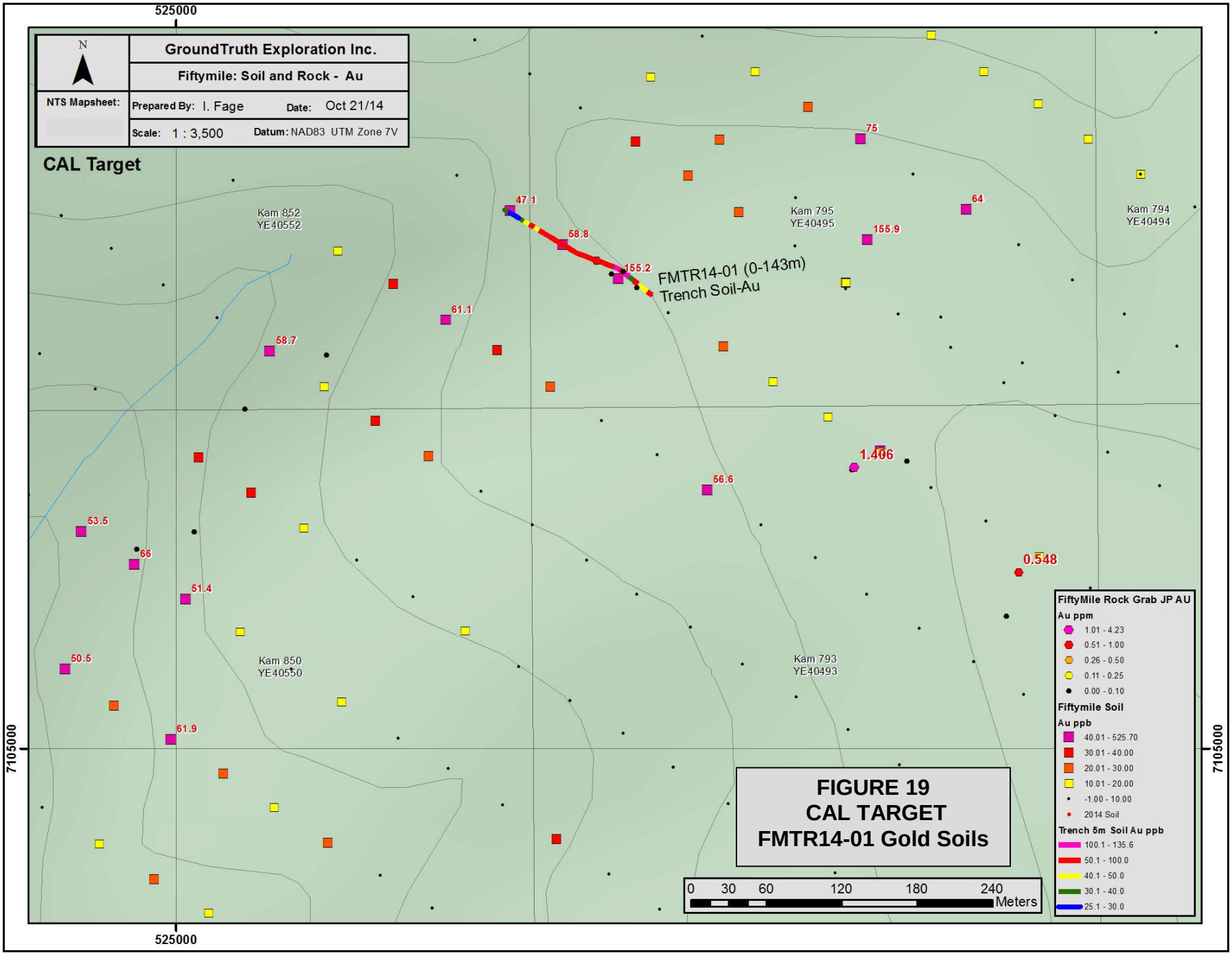
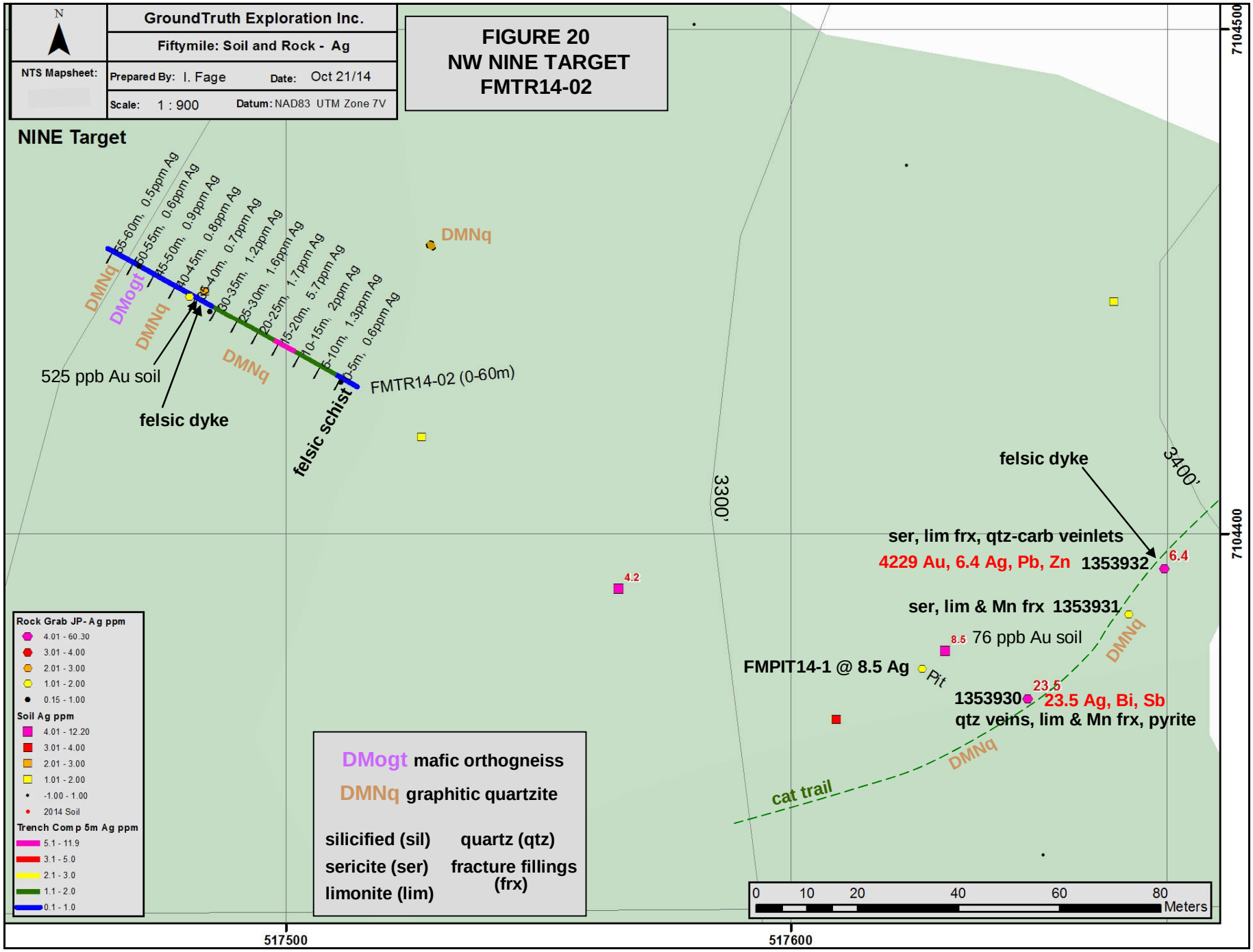


FIGURE 18: CAL TARGET FMTR14-01


525000
N
GroundTruth Exploration Inc.
Fiftymile: Soil and Rock - Au
NTS Mapsheet:
Prepared By: I. Fage
Date: Oct 21/14
Scale: 1 : 3,500
Datum: NAD83 UTM Zone 7V
CAL Target
Kam 852
YE40552
Kam 795
YE40495
Kam 794
YE40494
Kam 850
YE40550
Kam 793
YE40493
47.1
58.8
155.2
FMTR14-01 (0-143m)
Trench Soil-Au
75
64
155.9
61.1
58.7
1.406
56.6
53.5
66
51.4
0.548
50.5
61.9
7105000
525000
FIGURE 19
CAL TARGET
FMTR14-01 Gold Soils
0 30 60 120 180 240
Meters
FiftyMile Rock Grab JP AU
Au ppm
1.01 - 4.23
0.51 - 1.00
0.26 - 0.50
0.11 - 0.25
0.00 - 0.10
Fiftymile Soil
Au ppb
40.01 - 525.70
30.01 - 40.00
20.01 - 30.00
10.01 - 20.00
-1.00 - 10.00
2014 Soil
Trench 5m Soil Au ppb
100.1 - 135.6
50.1 - 100.0
40.1 - 50.0
30.1 - 40.0
25.1 - 30.0


GroundTruth Exploration Inc.
Fiftymile: Soil and Rock - Ag
NTS Mapsheet:
Prepared By: I. Fage
Date: Oct 21/14
Scale: 1 : 900
Datum: NAD83 UTM Zone 7V
FIGURE 20
NW NINE TARGET
FMTR14-02
NINE Target
65-60m, 0.5ppm Ag
60-55m, 0.6ppm Ag
55-50m, 0.9ppm Ag
50-45m, 0.8ppm Ag
45-40m, 0.7ppm Ag
40-35m, 1.2ppm Ag
35-30m, 1.6ppm Ag
30-25m, 1.7ppm Ag
25-20m, 5.7ppm Ag
20-15m, 2ppm Ag
15-10m, 1.3ppm Ag
10-5m, 0.6ppm Ag
DMNq
DMogt
DMNq
DMNq
DMNq
525 ppb Au soil
felsic dyke
felsic schist
FMTR14-02 (0-60m)
3300'
3400'
felsic dyke
ser, lim frx, qtz-carb veinlets
4229 Au, 6.4 Ag, Pb, Zn 1353932
6.4
ser, lim & Mn frx 1353931
8.5
76 ppb Au soil
FMPIT14-1 @ 8.5 Ag
Pit
23.5
1353930
23.5 Ag, Bi, Sb
qtz veins, lim & Mn frx, pyrite
4.2
cat trail
Rock Grab JP- Ag ppm
4.01 - 60.30
3.01 - 4.00
2.01 - 3.00
1.01 - 2.00
0.15 - 1.00
Soil Ag ppm
4.01 - 12.20
3.01 - 4.00
2.01 - 3.00
1.01 - 2.00
-1.00 - 1.00
2014 Soil
Trench Comp 5m Ag ppm
5.1 - 11.9
3.1 - 5.0
2.1 - 3.0
1.1 - 2.0
0.1 - 1.0
DMogt mafic orthogneiss
DMNq graphitic quartzite
silicified (sil)
sericite (ser)
limonite (lim)
quartz (qtz)
fracture fillings (frx)
0 10 20 40 60 80
Meters
517500
517600
7104500
7104400

10.0 DRILLING

No drilling has been conducted on the Fifty Mile Project.

11.0 SAMPLE PREPARATION, ANALYSIS AND SECURITY

GroundTruth Exploration Inc. delivered the 2014 samples to Kluane Freight Lines Ltd. in Dawson City for transport to the sample preparation facility of Acme Analytical Laboratories Ltd. in Whitehorse, Yukon. Samples were prepared, then internally sent to Acme's Vancouver, British Columbia facility for analysis. Rock sample preparation involved crushing 1 kg to 70% passing through 10 mesh, split 250g and pulverize to 85% passing through 200 mesh. Soils were dried at 60°C, 100g sieved to 80 mesh (Acme's SS80 procedure).

In Vancouver all rock samples were analyzed for Al, Sb, As, Ba, Bi, B, Cd, Ca, Cr, Co, Cu, Ga, Fe, La, Pb, Mg, Mn, Hg, Mo, Na, Ni, P, K, Ag, Sc, Sr, S, Tl, Th, Ti, W, U, V and Zn using Acme's AQ300 analysis, a 33 element ICP package which involves a nitric-aqua regia digestion and atomic emission spectrometry finish on a 0.5g sample. Soils were analyzed for the above elements and U, Se, Te and Au using Acme's AQ201 analysis, a 37 element ICP package which involves a nitric-aqua regia digestion and mass spectrometry finish on a 15g sample. The gold in rock samples were analyzed by Acme's Group FA-430, 30g analysis, which involves a fire assay pre-concentration with an atomic absorption spectrometry (ICP-AAS) finish.

A total of 4 quality assurance and quality control (QAQC) samples, consisting of 2 blanks and 2 standards, were inserted by the author in the trenching program. The standard used was CDN-GS-1P5F (1.40 ± 0.12 g/t), marked as pulps on assay certificates (*http://www.cdnlabs.com/Certificates.htm*). The blank used for rocks and soils was CDN-BL-10 (<0.01 g/t Au), consisting of granitic material (*http://www.cdnlabs.com/Certificates.htm*). The soil standard used consisted of OREAS 45b, ferruginous soil with 31 ppm Au and 449 ppm Cu (*http://www.ore.com.au/send/file/135*). In the soil program 3 standards and 3 blanks were inserted, and 3 field duplicates were collected.

Quality control procedures were also implemented at the laboratory, involving the regular insertion of blanks and standards and check repeat analyses and resplits (re-analyses on the original sample prior to splitting). There is no evidence of any tampering with or contamination of the samples during collection, shipping, analytical preparation or analysis. All sample preparation was conducted by the laboratory. The laboratory is entirely independent from the issuer. All samples were prepared and analyzed by Acme Analytical Laboratories Ltd. of Vancouver, British Columbia. Acme is an IS0 9001/17025 accredited facility.

12.0 DATA VERIFICATION

The geochemical data was verified by sourcing original digital analytical certificates *(Appendix III)*. Analytical data quality assurance and quality control was indicated by the favourable reproducibility obtained in laboratory duplicates (repeats) and laboratory and contractor inserted standards and blanks. There is a good correlation between the field duplicates collected for quality control. There does not appear to have been any tampering with or contamination of the samples during collection, shipping, analytical preparation or analysis. In the author's opinion, the data provided in this technical report is adequately reliable for its purposes.

13.0 MINERAL PROCESSING AND METALLURGICAL TESTING

The Fifty Mile Project is at an early exploration stage and no metallurgical testing has been carried out.

14.0 MINERAL RESOURCE ESTIMATES

There has not been sufficient work on the Fifty Mile Project to undertake a resource calculation.

15.0 ADJACENT PROPERTIES (Figure 2)

The western Fifty Mile Project is adjoined by the Sixty Mile Project of Rackla Metals Inc. Radius Gold Inc. (Yukon properties of Radius were spun out to Rackla Metals in December, 2011) drilled 6,880m in 27 holes in 2010-11 testing two targets, the Graben Fault zone and the Thrust Fault zone. CSAMT geophysics and auger drilling to collect bedrock samples were used to aid the targeting of drillholes due to extensive overburden and placer gravel cover. The drilling intersected significant results including 19 g/t Au over 1m in DDH11-08 and 132 g/t Au over 1.5m in DDH11-10 from the Graben Fault zone and 0.5 g/t Au over 105.3m, including 1.5 g/t Au over 24m in DDH11-18 from orogenic style cross cutting gold bearing veins hosted by multiple beds of quartzite in the Thrust Fault zone *(Rackla Metals Inc., 2013)*.

The Graben Fault zone consists of an 8 km long belt of strongly altered Carmacks volcanic rocks (**uKCv**) associated with a northeast trending half graben fault (Sixty Mile Fault) that juxtaposes the volcanic rocks against a much older belt of metasedimentary schists (**Dps**) and metaplutonic rocks (**DMogt**) *(Rackla Metals Inc., 2013)*. The zone includes the Glasmacher showing and the Per drilled prospect (Yukon Minfile occurrences), the latter of which returned 7.1 g/t Au over 12m from DDH89-2 *(website at http://data.geology.gov.yk.ca/)* from epithermal style quartz-sulphide veins.

The NC and CN claims, which comprise the Connaught Project 100% owned by ATAC Resources Ltd. (ATAC), cover the Lerner-Connaught Minfile occurrences (Minfile Numbers 115N 039 and 040), and adjoin the southwestern Fifty Mile Project to the south. Historically, the Lerner and Connaught occurrences produced 218 tonnes averaging 2228 g/t Ag, 1.0 g/t Au and 60% Pb from two of the many silver-lead-zinc±gold bearing quartz±carbonate veins in 1966 and 1974-76 *(Deklerk, 2009)*. Klondike Silver Corp., which explored the Connaught Project in 2009 and 2010 under a 50-50 joint venture with ATAC, reported silver, gold and lead mineralization in 20 veins over an approximate 11 by 4 km area, and skarn and porphyry style mineralization *(Klondike Silver Corp. news release September 13, 2010)*. The Mom claims of Klondike Silver Corp. also adjoin the southern and southwestern Fifty Mile Project.

The Butler drilled prospect (Minfile Number 115N 042) lies on the Tom and former Om claims of Lornex Capital Inc., and the Mag claims of Ralph Nordling, just south of the southern Kam claims. The Butler prospect covers silver-lead-arsenic±gold bearing vein, skarn, and porphyry copper-gold-molybdenum mineralization *(Deklerk, 2009)*. In addition a sample of quartz stockwork mineralization from the area, hosted by granodiorite, is reported to carry 4.1 g/t Au and 223 g/t Ag *(Harris, 1998)*.

The author is not able to verify the above information pertaining to these adjacent properties, and the information is not necessarily indicative of the mineralization on the Fifty Mile Project, which is the subject of this report.

(Refer to Figure 2 and website at http://mapservices.gov.yk.ca/YGS/WebMap.aspx).

16.0 OTHER RELEVANT DATA AND INFORMATION

To the author's knowledge, there is no additional information or explanation necessary to make this technical report understandable and not misleading.

17.0 INTERPRETATION AND CONCLUSIONS (Figures 12-20)

The 2014 exploration program on the Fifty Mile Project focused on the Cal, NW Nine and Boucher targets and was successful in extending the gold and copper-gold soil anomalies on the Cal and Boucher targets (no soils were collected on the NW Nine) and discovering significant mineralization on all three targets.

The soil program was successful in extending the Cal gold in soil anomaly a further 200m to the southwest, with a maximum value in 2014 of 124.8 ppb Au, resulting in a 2 km >10 ppb, and mostly >20 ppb, gold in soil anomaly hosted within a 2.4 km antimony-arsenic soil anomaly, open to the southwest *(Figure 13)*. The linearity of the anomalies suggest an association with a structure, probably a strand of the Sixtymile-Pika fault system *(Figures 4 and 7)*. The area was found to be underlain by mafic orthogneiss, at the contact with quartzite to the east, both of Devono-Mississippian age. The original 230° trend evident across the 2013 grid appears to deviate to 245° across the 2014 Cal

grid *(Figure 13a)* and may be continuous with the SE Nine arsenic-antimony ± lead, silver and elevated gold soil anomaly *(Figure 12)*. Prospecting along the linear southeast trending gold-arsenic-antimony-bismuth-zinc soil anomaly uncovered extensive limonite, ±Mn, along foliation and as fracture fillings, throughout the mafic orthogneiss ± some silicification and sericite alteration *(Figure 13c)*. The best gold in rock along this trend was 666 ppb Au with 39.1 ppm Ag, 271 ppm As, 14 ppm Sb, 141 ppm Bi, >1% Pb and 0.25% Zn from weak sericite altered, limonitic orthogneiss with limonite and Mn fracture fillings at the 59.9 ppb Au soil hole. At the southern end of the grid 232 ppb Au with 3.3 ppm Ag, 1541 ppm As and 12 ppm Sb from similar material with silicification and some calcite at the 104.6 ppb Au soil hole.

A 143m long trench (FMTR14-01) was excavated from a road proximal location across the Cal soil anomaly to determine the nature of mineralization, returning 7.1 ppm Ag, 620 ppm As, 18 ppm Sb, 0.15% Pb and 0.15% Zn over 5m from an interval including breccia, including 893 ppb Au, 60.3 ppm Ag, 2996 ppm As, 92 ppm Sb, 0.76% Pb and 0.55% Zn as a grab over 1m *(Figure 18)*. Similar results as the former occur from 90-95m and from the end of the trench at 140-143m. A silver-lead-zinc-arsenic-antimony anomalous interval extends from 50 to 100m. Mineralization consists of strongly oxidized silicified-quartz fissure veinlets with strong limonite and some manganese, +/- limonite boxwork, ± scorodite. Soils collected along the trench, due to the shallowness, and the poor and friable exposure, show a multi-element anomaly from 0-5m with 81.7 ppb Au, 0.9 ppm Ag, 550 ppm As, 19.3 ppm Sb, 0.8 ppm Bi, 174 ppm Pb and 109 ppm Cu, and 80.5 ppb Au, 3.27 ppm Ag, 622 ppm As, 31.7 ppm Sb, 0.6ppm Bi, 387 ppm Pb and 771 ppm Zn over 100m from 20 to 120m *(Figure 19)*. Potential exists within the zone and southwest along strike.

Prospecting of the easterly trending 1 km by up to 500m wide copper in soil anomaly on the Cal grid, with bismuth and silver, ±molybdenum, uncovered disseminations of chalcopyrite and chalcocite within the mafic orthogneiss, returning 0.56% Cu with 6.1 ppm Ag, 9 ppm Bi and 20 ppm Mo and 0.38% Cu with 10.9 ppm Ag, 12 ppm Bi and 78 ppm Mo. Limonitic and quartz vein material returned 0.48% Cu, 1.406 g/t Au, 36.9 ppm Ag, 811 ppm Bi and 46 ppm and 0.14% Cu, 0.548 g/t Au, 32.7 ppm Ag, 971 and 971 ppm Bi, respectively.

Disseminated chalcopyrite hosted by the mafic orthogneiss was also uncovered on the Boucher target, similar to the copper zone on the Cal grid, returning 0.12% Cu with 212 ppb Au. The two soil lines, one to the north and one to the south of the Boucher copper-gold soil anomaly, with elevated molybdenum, extended the anomaly in both directions with a maximum of 1294 ppm Cu, 41 ppb Au and 17.2 ppm Mo, from 2014 sampling. Prospecting uncovered quartz ±carbonate, silicified and breccia veins and phyllic (quartz-sericite-pyrite) alteration related to a structure and/or veins within a porphyry system. Good potential exists within the Boucher and Cal targets for metamorphosed copper-gold-molybdenum porphyry style mineralization hosted within the mafic orthogneiss, in an environment that may be similar to the Lucky Joe prospect, owned by Golden Predator Mining Corporation.

Historic drilling on the Lucky Joe Project has identified copper grades from 0.35% Cu to 0.6% Cu over intervals of 20 to 30m (maximum 0.95% Cu over 5.2m) in the 800m by 200m by 30m main mineralized zone, in which gold generally exhibits a 1:1 correlation

with copper *(Deklerk, 2009)*. Drilling along the 11.3 km long Lucky Joe copper-gold soil trend intersected 0.135% Cu and 0.032 g/t Au over 74.1m in DDH LJ05-03 *(Deklerk, 2009)*. Lucky Joe exhibits similar mineralization to, and lies along trend of, the Carmacks copper-gold belt, a 180 km by 60 km-wide north-northwest trending mineralized belt for which a metamorphosed copper-gold porphyry deposit model is proposed and includes the Minto Mine of Capstone Mining Corporation, currently in production. The Minto Mine had a measured and indicated resource (to NI 43-101 standards) of 29.9 million tonnes grading 1.22% Cu, 0.46 g/t Au and 4.4 g/t Ag using a cutoff grade of 0.5% Cu *(News release June 9, 2009 at www.capstonemining.com)*. The author has not been able to independently verify the above information and it is not necessarily indicative of the mineralization on the Fifty Mile Project which is the subject of this report.

Prospecting on the NW Nine grid returned 4.23 g/t Au with 6.4 ppm Ag, 10 ppm Bi and 734 ppm Pb from a brecciated and sericite altered felsic dyke with minor limonitic quartz ±carbonate veinlets and 23.5 ppm Ag, 27 ppm Bi and 28 ppm Sb from drusy quartz veins with limonite and Mn fracture fillings and oxidized cubic pyrite cutting graphitic quartzite, 50 and 20m, respectively, uphill of the 8.5 ppm Ag soil anomaly *(Figure 17)*. A quartz feldspar porphyry dyke was also intersected in trench FMTR14-02 beneath the 525.7 ppb Au soil anomaly but no significant gold values were obtained from the 60m long trench. Soil anomalies may be sourced further uphill, more proximal to the 4.23 g/t Au grab sample.

In summary, five significant target areas on the Fifty Mile Project, outlined in Table 4 below warrant follow up, three of which were explored in 2014, with success *(Figure 12)*.

Table 4: Target summary

Anomaly Name	Soil Results		Rock	Comments
	Au (ppb)	Other (ppm)	Au (g/t)	Au in ppb, As in ppm
Cal*	284.2	1196.9 As	1.41	NE, 200m by 2.0 km Au-As-Sb, ±Ag-Pb soil anomaly along 60 Mile Fault strand
Sixty	87.5	222 As		NW trending 200 by 400m >20 Au, >50 As soil anomaly in area of thick overburden
Boucher*	44.7	2171.2 Cu	0.21, 0.12% Cu	3 NNW trending Cu-Au± Mo, Ag soil anomalies, ±Pb, Sb, Fe, Ba, Zn
NW Nine*	525.7	12.2 Ag	4.23	50-200m by 600m Au-Ag-Sb-Bi-Pb-Zn soil anomaly on trend of mineralized faults
SE Nine	39.1	555 As		NE 350-200m by 700m As-Sb ± Pb-Ag-(Au) soil anomaly on trend of Cal & 60 Mile Proj.

* target explored in 2014

18.0 RECOMMENDATIONS AND BUDGET (Figures 12-20)

Extension of the Cal soil grid is recommended to the southwest to delineate the extent of the gold-antimony-arsenic soil anomaly and investigate its suspected continuity to the SE Nine grid. In addition, two RAB drill holes are recommended to test the anomaly along trench FMTR14-01 (due to easy access) to determine the size and extent of the fissure veins and breccias. Another RAB hole is recommended to test the metamorphosed copper-gold-molybdenum porphyry style potential of the Cal target

within the easterly trending 1 km by up to 500m wide copper-gold-bismuth±silver, ±molybdenum soil anomaly, proximal to the limonitic material containing 1.406 g/t Au, 36.9 ppm Ag, 0.48% Cu, and 811 ppm Bi. Additional prospecting/mapping along the gold-antimony-arsenic, and within the copper-gold-bismuth±silver±molybdenum, soil anomalies should be conducted prior to RAB drilling.

On the Boucher target a 200m trench is recommended across the coincident spot anomaly of 394.7 ppm Pb, 52.9 Sb and 880.8 ppm Cu along the ridge (across the saddle), continuing across the copper-gold anomaly to determine the nature of the mineralization.

Prospecting/mapping is recommended on the NW Nine soil anomaly proximal to the brecciated and sericite altered felsic dyke that returned 4.23 g/t Au, and to ground truth trench and/or RAB drill locations in this area.

An initial exploration program with an estimated budget of $125,000 is recommended consisting of soil grid extension, prospecting/mapping, trenching and 500m of RAB drilling in 5 holes to follow up favourable results on the Cal, NW Nine and Boucher targets. The trenching program targets the Boucher copper-gold-silver-antimony soil anomaly in an area with anomalous lead, due to the relative immobile character of lead. Trenching with a small Candig excavator is recommended. The work program is summarized in Table 5 below, the soil grid location is shown on Figure 12 and the Boucher trench in Figure 15a.

Table 5: Proposed work summary

Anomaly Name	Soils	Trenches (tr) /Pits		RAB	
		No.	Length (m)	No.	Meterage
Cal	400			3	300
Sixty					
Boucher		1	200		
NW Nine		1	100	2	200
SE Nine					
TOTAL	**400**	**2**	**300**	**5**	**500**

Additional targets exist as discussed above, and additional work is warranted to fully evaluate the Project. Based on the above recommendations, the following budget is proposed.

Budget

• mapping and prospecting	$ 10,000
• soil grids (400 soils - labour, assays, transportation)	20,000
• trenching (400m in 2 trenches, all in)	15,000
• RAB drilling (500m – including assays)	60,000
• preparation, compilation, report and drafting	10,000
• miscellaneous (contingency)	10,000
TOTAL:	**$125,000**

19.0 REFERENCES

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20.0 CERTIFICATE, DATE AND SIGNATURE

1) I, Jean Marie Pautler of 103-108 Elliott Street, Whitehorse, Yukon Territory am employed as a consulting geologist, President of JP Exploration Services Inc., authored and am responsible for this report entitled “Geological, geochemical and trenching report on the Fifty Mile Project, Sixtymile area, Yukon Territory”, dated March 3, 2015.

2) I am a graduate of Laurentian University, Sudbury, Ontario with an Honours B.Sc. degree in geology (May, 1980) with over 30 years mineral exploration experience in the North American Cordillera. Pertinent experience includes the acquisition and delineation of the Tsacha epithermal gold deposit, British Columbia for Teck Exploration Ltd. and extensive experience throughout the Yukon, including the White Gold district. The author has previous independent experience and knowledge of the area having conducted exploration, including property examinations, within the Sixtymile district for Teck Exploration Ltd. in 1993 and 1997 to 2000 and Kerr Addison Mines from 1983 to 1984. The author has examined the Lerner, Connaught, Butler, and assorted occurrences within the Sixtymile goldfields.

3) I am a registered member of the Association of Professional Engineers and Geoscientists of British Columbia, registration number 19804.

4) The author supervised the 2014 exploration program, conducted work on the Fifty Mile Project on June 24, August 23, 24 and 28, Sept 20 and 22, 2014, and reviewed pertinent data.

5) As stated in this report, in my professional opinion the property is of potential merit and further exploration work is justified.

6) I am entirely independent of 0908937 B.C. Ltd. and any associated companies. I do not have any agreement, arrangement or understanding with 0908937 B.C. Ltd. and any affiliated company to be or become an insider, associate or employee. I do not own securities in 0908937 B.C. Ltd. or any affiliated companies and my professional relationship is at arm's length as an independent consultant, and I have no expectation that the relationship will change. I am also entirely independent of Seafield Explorations Ltd. and the Fifty Mile Project.

Dated at Carcross, Yukon Territory this 3rd day of March, 2015,

“Signed and Sealed”

“Jean Pautler”

Jean Pautler, P.Geo. (APEGBC Reg. No. 19804)
JP Exploration Services Inc.
#103-108 Elliott St. Whitehorse, Yukon Y1A 6C4

21.0 STATEMENT OF EXPENDITURES

Geology/Prospecting/Supervision: JP Exploration Services Inc., YT

Jun 24	prospect, map, &			
Aug 2, 23-4, 28, 30	lay out trenches	Inv 455	4,046.37	
Sept 17, 20, 22, 24	map, sample trenches	Inv 459	2,457.57	
Dec 21-24, 27-30	report & drafting	Inv 465	3,796.28	
			Total	**$10,300.22**

Soils & Trenching: GroundTruth Exploration Inc., Dawson City, YT

labour, mob/demob, food, vehicles

July 8	Cal soils	GT-CAL2014-01	$4,068.75	
Aug 28, Sept 20	Bou soils, tr sampling	GT-CAL2014-02	4,577.74	
Sept 1	shipping samples	GT-CAL2014-03	138.18	
Sept 1-4	trenching	GT-CAL2014-04	6,421.80	
Oct 8	trench reclamation	GT-CAL2014-05	2,220.75	
Sept 24	shipping samples	GT-CAL2014-06	58.70	
			Total	**17,485.92**

Geochemistry: Acme Analytical Laboratories Ltd., Vancouver, BC

380 samples for Au, ICP

July 31, 2014	165s	VAN1204878	$ 3,098.24	
Sept 29, 2014	32r	VAN1210204	897.52	
Oct 7, 2014	99s	VANI209798	1,904.47	
Oct 9, 2014	29s	VAN1211108	558.45	
Oct 22, 2014	34r	VAN1212197	957.81	
Oct 22, 2014	21r	VAN1212198	587.09	
	293 soils, 87 rocks		**Total:**	**8,003.58**

TOTAL: **35,789.72**

FIFTY MILE PROJECT, YT

MF denotes sampled by Morgan Fraughton

APPENDIX I: SAMPLE DESCRIPTIONS AND RESULTS
2014 PROSPECTING SAMPLES

SAMPLE	LOCATION	NAD 83, ZONE 7		ELEV.			Au	Ag	As	Sb	Bi	Mo	Cu	Pb	Zn
NUMBER		EASTING	NORTHING	(m)	TYPE	DESCRIPTION	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1330863	Boucher	525680	7096900	986	rock grab	strongly limonitic, silicified bits hosted by mafic orthogneiss, some Mn staining; weak sericite alteration adjacent to quartz vein or sweat	<0.005	<0.3	13	<3	<3	<1	10	37	126
1330864	Boucher	525681	7096900	986	rock grab	quartz vein pieces up to 15 cm with limonite and Mn fracture fillings, some drusy quartz, minor clay (altered orthogneiss?), exposed under windfall	<0.005	<0.3	2	<3	<3	<1	3	5	25
1330865	Boucher	525740	7096850	987	rock grab	muscovite-quartz-feldspar schist with Mn and limonite fracture fillings and minor oxidized cubic pyrite, weak sericite alteration and silicification	<0.005	<0.3	10	16	<3	<1	96	29	28
1330866	Boucher	525679	7096870	981	rock grab	intensely silicified possible mafic orthogneiss (biotite-hornblende-quartz-feldspar gneiss) with patchy grey zones, Mn and limonite fracture fillings and vugs, weathered out carbonate veinlets, 1-2 cm breccia fragments, +/- clay altered, exposed by windfall	<0.005	<0.3	8	<3	<3	1	13	11	75
1330867	Boucher	525683	7096850	982	rock grab	7 cm breccia vein, intensely silicified with clay altered wall rock fragments (possible mafic orthogneiss), Mn and limonite fracture fillings, exposed by windfall	0.043	<0.3	21	<3	<3	<1	17	11	58
1330868	Boucher	525699	7096870	981	rock grab	intensely silicified vein with muscovite altered rock fragments (possible mafic orthogneiss), Mn and limonite fracture fillings, exposed by windfall	<0.005	<0.3	<2	4	<3	<1	60	13	34
1330869	Boucher	525703	7096870	984	rock grab	white, sugary quartz vein with minor oxidized cubic pyrite	0.006	0.6	<2	<3	<3	1	107	<3	17
1330870	Boucher	525699	7097050	973	rock grab	biotite-feldspar-quartz gneiss (weakly foliated - granodiorite composition) with minor disseminated chalcopyrite	0.212	2.8	3	<3	<3	8	1248	<3	79
1330871	Boucher	525699	7097050	971	rock grab	biotite-feldspar-quartz gneiss with trace chalcopyrite, quartz rich layers (possible vein) with yellowish stain, minor sooty black oxide	0.019	<0.3	<2	<3	<3	<1	201	<3	71
1393551	CAL	524443	7104533	808	rock grab	moderate silicified and weak sericite altered otherwise dark coloured mafic orthogneiss with strong limonite along foliation and Mn and limonite fracture fillings, calcite; from 104.6 ppb Au soil hole at 80 cm; MF	0.232	3.3	1541	12	<3	<1	21	176	213
1393552	CAL	524690	7104823	818	rock grab	weak sericite altered mafic orthogneiss with strong limonite along foliation and Mn and limonite fracture fillings; from paleotalus in 59.9 ppb Au soil area; MF	0.666	39.1	271	14	141	2	302	>10000	2581
1393633	CAL	525561	7105237	1012	rock grab	malachite along foliation in mafic orthogneiss (biotite-hornblende-quartz-feldspar gneiss); at 104.8 ppb Au soil anomaly, about 30 cm deep	0.096	2.2	14	<3	14	<1	3427	77	155
1393634	CAL	525561	7105237	1012	rock grab	weakly sericite altered with some silicification in mafic orthogneiss, some hematite stain and limonite along foliation and in crosscutting fractures; at 104.8 ppb Au soil anomaly, about 40-50 cm deep	0.412	6.1	33	<3	107	57	1359	19	175
1393635	CAL	525561	7105237	1012	soil	medium brown, lower B horizon soil, gentle slope at 104.8 ppb Au soil anomaly, about 65 cm deep	0.141	3.5	25	4	26	3	2874	31	194
1393636	CAL	525582	7105229	1016	soil	medium rusty brown, C horizon soil, looks like weathered talus, gentle slope; above (uphill from) 104.8 ppb Au soil anomaly, about 60 cm deep	<0.005	<0.3	12	<3	<3	<1	37	4	68
1393637	CAL	525582	7105229	1016	rock grab	mafic orthogneiss with crosscutting limonitic fracture fillings and minor fine grey quartz from soil hole above	<0.005	<0.3	19	<3	<3	<1	35	6	69

FIFTY MILE PROJECT, YT

SAMPLE	Fe	Th	Sr	Cd	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Ni	Co	Mn
NUMBER	%	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM
1330863	2.65	<2	6	0.7	38	0.1	0.022	5	7	0.05	134	0.001	<20	0.38	<0.01	0.07	<2	0.07	<1	<5	<5	6	9	14	970
1330864	0.55	<2	3	<0.5	9	0.1	0.003	1	2	<0.01	120	0.001	<20	0.04	<0.01	0.01	<2	<0.05	<1	<5	<5	<5	1	2	362
1330865	0.67	<2	6	<0.5	5	0.06	0.017	3	2	0.03	150	0.001	<20	0.34	0.02	0.15	<2	<0.05	<1	<5	<5	<5	3	7	287
1330866	2.2	<2	4	0.9	24	0.11	0.01	3	6	0.02	192	<0.001	<20	0.19	<0.01	0.06	<2	<0.05	<1	<5	<5	<5	7	12	1362
1330867	2.68	<2	16	<0.5	34	2.65	0.012	5	4	0.05	315	<0.001	<20	0.17	<0.01	0.09	<2	0.08	<1	<5	<5	5	5	6	824
1330868	1.08	<2	11	<0.5	6	0.04	0.012	1	<1	0.02	907	0.001	<20	0.26	0.02	0.09	<2	<0.05	<1	<5	<5	<5	3	5	315
1330869	0.47	<2	2	<0.5	5	0.03	0.005	<1	3	0.05	106	0.006	<20	0.11	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	2	1	92
1330870	3.04	4	41	0.6	98	0.61	0.038	8	25	1.19	1003	0.175	<20	2.55	0.21	1.13	<2	0.35	<1	<5	<5	12	9	15	226
1330871	1.9	3	37	<0.5	50	0.31	0.033	7	8	0.86	376	0.106	<20	1.13	0.04	0.19	<2	<0.05	<1	<5	<5	<5	4	12	227
1393551	3.47	<2	174	1.9	16	9.6	0.003	6	11	3.41	782	0.002	<20	0.25	<0.01	0.11	<2	<0.05	<1	<5	<5	<5	7	3	9550
1393552	5.62	4	7	5.4	37	0.1	0.041	6	59	0.49	135	0.003	<20	1.13	<0.01	0.34	<2	0.46	<1	<5	6	<5	12	2	394
1393633	4.26	4	9	<0.5	90	0.19	0.031	6	107	1.95	858	0.186	<20	3.12	0.05	1.88	<2	<0.05	<1	<5	<5	6	28	17	538
1393634	4.47	6	4	<0.5	52	0.1	0.032	13	80	1.54	166	0.042	<20	2.43	<0.01	0.37	<2	<0.05	<1	<5	<5	<5	30	14	743
1393635	4.98	5	8	0.6	83	0.18	0.043	13	106	2.08	443	0.163	<20	3.34	0.01	0.93	<2	<0.05	<1	<5	<5	6	32	21	916
1393636	3.64	4	6	<0.5	62	0.14	0.04	8	81	1.27	166	0.099	<20	2.24	0.02	0.43	<2	<0.05	<1	<5	<5	6	27	19	824
1393637	3.88	7	4	<0.5	56	0.1	0.033	15	78	1.19	136	0.048	<20	1.94	0.01	0.37	<2	<0.05	<1	<5	<5	6	32	18	729

FIFTY MILE PROJECT, YT

MF denotes sampled by Morgan Fraughton

APPENDIX I: SAMPLE DESCRIPTIONS AND RESULTS
2014 PROSPECTING ROCK SAMPLES

SAMPLE	LOCATION	NAD 83, ZONE 7		ELEV.			Au	Ag	As	Sb	Bi	Mo	Cu	Pb	Zn
NUMBER		EASTING	NORTHING	(m)	TYPE	DESCRIPTION	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1393638	CAL	525661	7105106	1034	rock grab	mafic orthogneiss outcrop with malachite, chalcocite in biotite rich mafic orthogneiss	0.034	6.1	18	<3	9	20	5574	12	164
1393639	CAL	525661	7105106	1034	rock grab	rusty, biotite rich orthogneiss with limonite along foliation (215/35)	0.072	10.9	23	<3	12	78	3787	5	81
1393640	CAL	525671	7105141	1034	rock grab	rusty quartz (10-20 cm) with intense limonitic pits to 1" across as float along road	0.548	32.7	4	7	971	6	1412	241	214
1393641	CAL	525540	7105224	1009	rock grab	mafic orthogneiss with strong limonite along foliation in rusty zone, collected over 20m along road; MF	1.406	36.9	32	4	811	46	4789	43	277
1393642	CAL	525538	7105222	1004	rock grab	intensely silicified orthogneiss?? with limonitic vugs and fracture fillings, as float along road	<0.005	<0.3	3	<3	<3	1	43	4	20
1393643	CAL	525347	7105378	980	rock grab	rusty, limonitic mafic orthogneiss, with limonite along foliation and as fracture fillings, also Mn fracture fillings; at 155.2 ppb Au soil anomaly; soil is rusty decomposed talus	0.025	0.9	539	17	<3	<1	41	19	519
1393644	CAL	525120	7105313	936	rock grab	subcrop of very rusty and moderately silicified mafic orthogneiss with Mn and limonite fracture fillings, some sericite alteration	0.014	1.1	632	8	<3	<1	138	59	696
1393645	CAL	525055	7105270	909	rock grab	variably fresh to weak silicified and sericite altered mafic orthogneiss with Mn and limonite fracture fillings, from paleotalus slope	<0.005	3	245	9	5	<1	164	492	488
1393646	CAL	525015	7105173	912	rock grab	subcrop of mafic orthogneiss with limonite along foliation, Mn and limonite fracture fillings, some minor silicification and sericite alteration, 1 cm white quartz vein with limonite fracture fillings	0.007	1.8	428	4	<3	<1	279	43	259
1393647	CAL	524969	7105159	892	rock grab	silicified mafic orthogneiss with fine 1-2 mm quartz veinlets, some limonite, Mn and limonite fracture fillings; from 66 ppb Au soil hole; MF	0.007	<0.3	52	<3	<3	<1	48	6	491
1393648	CAL	524801	7104898	819	rock grab	mafic orthogneiss with limonite along foliation; bit of a seep? Sampled limonitic bits from 40 cm deep hole at 284.2 ppb Au anomaly; MF	0.016	5.5	1153	10	<3	2	63	1705	350
1393649	CAL	524443	7104533	808	rock grab	light rusty orange with limonite along foliation and as fracture fillings (does not appear to be orthogneiss); from 104.6 ppb Au soil anomaly at 80 cm depth, in clayey rusty coloured soil; MF	0.024	2.3	511	15	<3	<1	41	26	156
1393650	CAL	525015	7105173	912	rock grab	greyish to white quartz, silicification, strong crosscutting limonite fracture fillings as local float along road	<0.005	<0.3	8	<3	<3	<1	10	9	19
1353930	NW Nine	517647	7104367	1042	rock grab	quartz veins with drusy vugs and rusty, some Mn, fracture fillings minor oxidized cubic pyrite to 4mm, cutting graphitic quartzite; on cat trail	0.014	23.5	42	28	27	<1	121	331	195
1353931	NW Nine	517667	7104384	1047	rock grab	strong sericite altered graphitic quartzite with fine dark Mn? stringers and limonite fracture fillings	<0.005	1.3	6	<3	<3	<1	22	136	90
1353932	NW Nine	517674	7104393	1050	rock grab	light grey, brecciated and sericite altered felsic dyke? with limonite and graphite on fractures, some limonitic drusy quartz +/- carbonate veinlets to 1 cm.	4.229	6.4	13	3	10	<1	114	734	441

FIFTY MILE PROJECT, YT

SAMPLE	Fe	Th	Sr	Cd	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Ni	Co	Mn
NUMBER	%	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM
1393638	6.69	4	3	0.8	92	0.18	0.032	12	108	2.04	325	0.165	<20	3.5	0.02	1.05	<2	<0.05	<1	<5	<5	12	22	17	612
1393639	4.1	4	3	<0.5	48	0.08	0.02	4	51	0.63	166	0.098	<20	1.71	0.01	0.57	<2	<0.05	<1	<5	<5	6	11	9	272
1393640	4.59	<2	3	<0.5	8	<0.01	0.005	2	11	0.03	19	0.002	<20	0.16	0.01	0.07	<2	0.14	<1	<5	<5	<5	9	43	65
1393641	16.55	9	5	<0.5	41	0.03	0.023	12	40	0.15	111	0.012	<20	1.03	<0.01	0.27	<2	0.13	<1	<5	<5	5	50	37	724
1393642	1.01	<2	1	<0.5	5	0.02	0.003	5	4	0.03	25	<0.001	<20	0.15	<0.01	0.07	<2	<0.05	<1	<5	<5	<5	5	4	197
1393643	3.7	6	5	1.8	56	0.08	0.034	9	59	0.09	138	0.002	<20	0.53	<0.01	0.11	<2	<0.05	<1	<5	<5	18	29	17	1385
1393644	4.88	7	3	5.1	78	0.09	0.03	12	121	2.18	52	0.014	<20	2.66	<0.01	0.16	<2	<0.05	<1	<5	8	9	19	8	1973
1393645	4.37	5	34	2.1	87	0.11	0.028	7	125	1.64	323	0.041	<20	2.45	<0.01	0.32	<2	0.12	<1	<5	7	8	12	6	945
1393646	2.11	5	4	6.5	44	0.05	0.023	12	41	0.08	97	0.002	<20	0.51	<0.01	0.08	<2	<0.05	<1	<5	<5	12	17	14	888
1393647	3.21	3	7	1.9	65	0.37	0.031	3	119	1.52	104	0.077	<20	1.87	0.02	0.14	<2	<0.05	<1	<5	<5	8	22	12	950
1393648	4.86	6	7	1.2	63	0.2	0.032	13	93	1.21	179	0.011	<20	1.82	<0.01	0.24	<2	0.06	<1	<5	6	7	26	13	1556
1393649	4.13	5	65	<0.5	61	1.88	0.023	14	49	0.77	3018	0.001	<20	0.4	<0.01	0.1	<2	0.07	<1	<5	<5	14	21	10	1375
1393650	1.01	<2	18	<0.5	2	0.96	<0.001	2	3	0.42	78	0.002	<20	0.06	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	3	1	294
1353930	1.55	<2	<1	<0.5	2	0.01	0.003	2	2	<0.01	16	<0.001	<20	0.07	<0.01	0.04	<2	<0.05	<1	<5	<5	<5	10	2	153
1353931	0.8	7	3	<0.5	2	0.02	0.008	18	2	0.01	33	<0.001	<20	0.16	<0.01	0.15	<2	<0.05	<1	<5	<5	<5	5	1	49
1353932	1.46	4	4	1.4	5	0.17	0.091	5	5	0.02	34	0.001	<20	0.29	<0.01	0.18	<2	<0.05	<1	<5	<5	<5	12	2	78

FIFTY MILE PROJECT, YT							APPENDIX I: SAMPLE DESCRIPTIONS AND RESULTS 2014 TRENCH ROCK SAMPLES							
TRENCH	SAMPLE	LOCATION	FROM	TO m	EASTING	NORTHING	DESCRIPTION all results in ppm unless stated	Au	Ag	As	Sb	Bi	Pb	Zn
FMTR14-01	1369851	CAL	0	5	525379	7105361	fresh mafic orthogneiss (biotite-hornblende-quartz-feldspar gneiss)	0.015	0.7	187	4	<3	14	128
FMTR14-01	1369852	CAL	5	10	525374	7105362	mafic orthogneiss with weak rusty fracture fillings	0.02	0.8	404	13	<3	31	143
FMTR14-01	1369853	CAL	10	15	525370	7105365	fresh mafic orthogneiss with minor quartz to 2-3 cm (sweats?)	0.014	<0.3	273	<3	<3	5	87
FMTR14-01	1369854	CAL	15	20	525365	7105367	fresh mafic orthogneiss, some more felsic layers, with minor quartz as sweats? to 30 cm, minor Mn, limonite fracture fillings	<0.005	<0.3	65	<3	<3	5	69
FMTR14-01	1369855	CAL	20	25	525362	7105372	mafic orthogneiss with weak limonite fracture fillings, some crosscutting quartz with Mn & limonite fractures and vugs	<0.005	<0.3	98	<3	<3	10	50
FMTR14-01	1369856	CAL	25	30	525357	7105374	mafic orthogneiss with very weak limonite fracture fillings	0.019	0.5	247	3	<3	14	182
FMTR14-01	1369857	CAL	30	35	525354	7105377	mafic orthogneiss with limonite fracture fillings, 25% quartz, some with Mn in vugs and along margins	0.045	1	443	8	<3	14	366
FMTR14-01	1369858	CAL	35	40	525352	7105382	mafic orthogneiss with minor quartz veinlets to 1 cm, some limonite & Mn fracture fillings	0.042	0.8	272	5	<3	7	95
FMTR14-01	1369859	CAL	40	45	525346	7105383	fresh mafic orthogneiss	0.031	0.4	168	5	<3	3	153
FMTR14-01	1369860	CAL	45	50	525341	7105385	fresh mafic orthogneiss with some minor weak silicification	0.022	0.7	122	5	<3	6	282
FMTR14-01	1369861	CAL	50	55	525337	7105386	mafic orthogneiss with 25% quartz, with limonite and Mn fracture fillings	0.024	6.6	136	11	<3	167	560
FMTR14-01	1369862	CAL	55	60	525331	7105388	mafic orthogneiss with 1-2 cm quartz-silica veinlets, intense silicification, limonite & Mn fracture fillings to weak breccia, some altered wall rock fragments	0.073	7.1	620	18	<3	1457	1492
FMTR14-01	1369863	CAL	60	65	525327	7105390	fairly fresh mafic orthogneiss	0.03	1.4	114	5	<3	181	471
FMTR14-01	1369864	CAL	65	70	525322	7105391	mafic orthogneiss with very minor quartz to 1-2 cm	0.024	4	276	13	<3	513	607
FMTR14-01	1369865	CAL	70	75	525317	7105393	mafic orthogneiss with minor quartz-biotite veinlets, some limonite fracture fillings	0.037	3.2	428	20	<3	483	1023
FMTR14-01	1369866	CAL	75	80	525313	7105396	mafic orthogneiss with minor limonite fracture fillings, about 20% quartz to 2-3 cm	0.011	1	170	10	<3	102	423
FMTR14-01	1369867	CAL	80	85	525309	7105399	mafic orthogneiss with minor limonite fracture fillings, some silicified-quartz veinlets to 1 cm	0.038	2.1	289	12	<3	285	897
FMTR14-01	1369868	CAL	85	90	525304	7105402	mafic orthogneiss with minor limonite fracture fillings	0.023	1.3	232	12	<3	192	545
FMTR14-01	1369869	CAL	90	95	525300	7105404	mafic orthogneiss with some 1-3 cm silicified-limonite veins with some boxwork	0.038	11.9	512	123	4	1568	809
FMTR14-01	1369870	CAL	95	100	525296	7105406	mafic orthogneiss with rare up to 1 cm silicified-limonite fracture filling (fissure) veins	0.012	1	314	10	<3	105	685
FMTR14-01	1369871	CAL					STANDARD CDN-GS-1P5F	1.548	<0.3	6	<3	<3	<3	49
FMTR14-01	1369872	CAL					BLANK	0.011	<0.3	4	<3	<3	<3	40
FMTR14-01	1369873	CAL	100	105	525292	7105409	mafic orthogneiss with minor limonite replacing mafics	0.014	1	176	8	<3	98	532
FMTR14-01	1369874	CAL	105	110	525287	7105410	mafic orthogneiss with minor quartz and trace limonite on fractures	0.039	1	230	6	<3	42	399
FMTR14-01	1369875	CAL	110	115	525282	7105413	mafic orthogneiss with minor quartz and trace limonite on fractures	0.013	0.5	250	10	<3	121	553
FMTR14-01	1369876	CAL	115	120	525280	7105417	mafic orthogneiss with very minor silicified- limonite- weak Mn fracture fillings	0.01	0.6	136	7	<3	87	371
FMTR14-01	1369877	CAL	120	125	525274	7105419	mafic orthogneiss with 20% silicified- limonite fracture fillings	0.026	0.4	205	8	<3	22	341
FMTR14-01	1369878	CAL	125	130	525270	7105421	mafic orthogneiss with 30% white quartz with limonite-Mn on fractures	<0.005	<0.3	60	3	<3	18	193
FMTR14-01	1369879	CAL	130	135	525265	7105423	mafic orthogneiss, some more felsic layers with biotite, 10% limonite fracture fillings	0.015	<0.3	68	4	<3	17	199
FMTR14-01	1369880	CAL	135	140	525262	7105427	mafic orthogneiss with some white quartz, few silicified-limonite fracture fillings	0.009	0.6	152	8	<3	75	484
FMTR14-01	1369881	CAL	140	143	525260	7105430	mafic orthogneiss with some white quartz and silicified-limonite fracture fillings	0.027	8.3	391	18	3	566	542
FMTR14-01	1353939	CAL	15	15.5	525367	7105367	grab of 30 cm white quartz, veinor sweat, some smoky, glassy quartz, some limonite-Mn fracture fillings and Mn in vugs, hosted by mafic orthogneiss	<0.005	<0.3	11	5	<3	5	5
FMTR14-01	1353940	CAL	30	35	525356	7105380	grab of up to 10 cm pieces of white quartz, some rusty with limonite-Mn fracture fillings, some clay alteration in wall rock (mafic orthogneiss)	<0.005	<0.3	67	5	<3	<3	10
FMTR14-01	1353941	CAL	56	57	525330	7105388	grab of strongly oxidized silicified-quartz fissure veinlets with strong limonite and some Mn, +/- limonite boxwork, yellow-green scorodite?	0.893	60.3	2996	92	<3	7647	5511

SAMPLE	Cu	Mo	Fe%	Th	Sr	Cd	V	Ca%	P%	La	Cr	Mg%	Ba	Ti%	B	A%	Na%	K%	W	S%	Hg	Tl	Ga	Sc	Ni	Co	Mn
1369851	30	<1	3.36	6	6	0.7	67	0.21	0.027	11	104	1.67	201	0.1	<20	2.09	0.02	0.69	<2	<0.05	<1	<5	6	7	27	13	773
1369852	28	1	2.92	9	4	<0.5	36	0.13	0.021	15	65	1.17	106	0.034	<20	1.45	0.01	0.26	<2	<0.05	<1	<5	<5	<5	21	10	819
1369853	19	<1	2.91	6	7	<0.5	54	0.3	0.027	9	85	1.37	150	0.096	<20	1.71	0.02	0.52	<2	<0.05	<1	<5	5	5	24	12	685
1369854	12	<1	2.55	5	9	<0.5	51	0.29	0.022	5	78	1.2	133	0.111	<20	1.55	0.05	0.51	<2	<0.05	<1	<5	<5	<5	19	11	582
1369855	14	<1	1.89	3	7	<0.5	36	0.21	0.019	5	56	0.83	80	0.067	<20	1.09	0.03	0.29	<2	<0.05	<1	<5	<5	<5	15	8	418
1369856	16	<1	3.11	6	7	1.4	68	0.21	0.026	7	92	1.5	149	0.1	<20	1.84	0.02	0.51	<2	<0.05	<1	<5	5	7	24	12	778
1369857	26	<1	3.35	4	5	1.5	57	0.17	0.028	10	78	1.2	123	0.05	<20	1.51	0.01	0.28	<2	<0.05	<1	<5	<5	8	26	13	938
1369858	28	<1	3.48	5	8	<0.5	69	0.22	0.031	9	90	1.36	116	0.062	<20	1.78	0.02	0.31	<2	<0.05	<1	<5	6	10	28	14	848
1369859	21	<1	3.09	3	9	<0.5	75	0.3	0.031	4	95	1.55	175	0.124	<20	2.01	0.05	0.64	<2	<0.05	<1	<5	6	7	26	13	673
1369860	27	<1	3.01	4	8	1.2	62	0.34	0.028	6	83	1.41	149	0.093	<20	1.79	0.03	0.47	<2	<0.05	<1	<5	5	7	24	12	705
1369861	27	<1	2.74	4	6	1.7	53	0.21	0.025	5	74	1.22	145	0.09	<20	1.54	0.03	0.51	<2	<0.05	<1	<5	<5	5	22	11	749
1369862	53	<1	3.64	3	6	8.4	54	0.2	0.028	6	73	1.22	145	0.103	<20	1.54	0.02	0.63	<2	<0.05	<1	<5	5	5	20	10	1261
1369863	20	<1	2.97	2	9	2.9	65	0.32	0.031	4	86	1.46	160	0.132	<20	1.87	0.05	0.67	<2	<0.05	<1	<5	<5	6	24	12	803
1369864	21	<1	3.15	3	6	3.5	63	0.2	0.033	6	86	1.35	123	0.081	<20	1.84	0.02	0.51	<2	<0.05	<1	<5	8	7	22	12	919
1369865	52	<1	3.63	3	8	7.3	59	0.21	0.03	7	87	1.45	110	0.065	<20	1.91	0.02	0.35	<2	<0.05	<1	<5	<5	6	23	12	1171
1369866	21	<1	2.71	3	6	2.1	48	0.2	0.027	5	66	1.12	90	0.064	<20	1.46	0.02	0.29	<2	<0.05	<1	<5	<5	<5	20	10	847
1369867	26	<1	3.57	4	7	5.5	71	0.22	0.032	7	96	1.39	113	0.07	<20	1.96	0.02	0.37	<2	<0.05	<1	<5	7	7	27	14	1450
1369868	24	<1	3.25	4	6	3.5	66	0.23	0.028	6	87	1.37	107	0.071	<20	1.76	0.02	0.33	<2	<0.05	<1	<5	6	7	24	13	1189
1369869	71	<1	3.06	2	6	7	45	0.19	0.022	7	64	0.94	91	0.056	<20	1.28	0.02	0.23	<2	<0.05	<1	<5	<5	<5	18	10	1035
1369870	39	<1	3.23	3	8	9.1	63	0.29	0.028	7	84	1.4	115	0.101	<20	1.79	0.02	0.32	<2	<0.05	<1	<5	6	6	22	13	1361
1369871	42	8	3.16	<2	38	<0.5	64	0.89	0.057	4	32	0.77	97	0.118	<20	1.68	0.1	0.15	<2	<0.05	<1	<5	<5	<5	30	8	464
1369872	22	2	2.33	<2	35	<0.5	57	0.77	0.055	4	29	0.74	87	0.112	<20	1.46	0.07	0.13	13	<0.05	<1	<5	<5	<5	22	8	381
1369873	29	<1	3.46	3	7	4.4	71	0.29	0.031	7	95	1.65	127	0.087	<20	2.09	0.02	0.37	<2	<0.05	<1	<5	7	6	23	11	1395
1369874	21	1	3.74	3	8	3.4	74	0.27	0.029	7	100	1.78	215	0.103	<20	2.2	0.03	0.37	<2	<0.05	<1	<5	7	7	26	11	1260
1369875	27	<1	3.08	3	7	4.3	65	0.25	0.029	5	86	1.44	126	0.1	<20	1.78	0.03	0.38	<2	<0.05	<1	<5	6	6	22	12	1045
1369876	26	<1	3.01	2	9	2.5	66	0.31	0.029	5	91	1.51	110	0.098	<20	1.87	0.03	0.31	<2	<0.05	<1	<5	7	6	23	11	1063
1369877	33	<1	3.01	4	7	2.2	58	0.21	0.028	6	74	1.01	117	0.085	<20	1.35	0.02	0.29	<2	<0.05	<1	<5	<5	8	22	11	854
1369878	22	<1	2.52	2	7	1.1	51	0.23	0.021	4	66	0.99	124	0.084	<20	1.29	0.02	0.37	<2	<0.05	<1	<5	<5	6	19	10	754
1369879	23	<1	2.85	2	9	1	59	0.34	0.029	6	77	1.27	108	0.084	<20	1.51	0.03	0.29	<2	<0.05	<1	<5	<5	6	22	10	949
1369880	30	1	3.27	4	5	2.7	58	0.17	0.024	9	76	1.23	97	0.032	<20	1.56	0.01	0.2	<2	<0.05	<1	<5	<5	6	24	11	1317
1369881	45	<1	2.91	3	6	4	46	0.2	0.023	8	65	0.91	76	0.03	<20	1.26	0.02	0.14	<2	<0.05	<1	<5	<5	5	17	9	947
1353939	5	<1	0.53	<2	2	<0.5	5	0.07	0.009	<1	12	0.13	27	0.011	<20	0.21	0.01	0.08	<2	<0.05	<1	<5	<5	<5	4	2	135
1353940	12	<1	0.41	<2	<1	<0.5	2	<0.01	<0.001	<1	5	0.04	28	0.001	<20	0.1	<0.01	0.04	<2	<0.05	<1	<5	<5	<5	2	2	174
1353941	405	2	12.43	<2	4	34	8	0.03	0.008	12	7	0.03	22	0.001	<20	0.25	<0.01	0.19	<2	0.3	<1	<5	<5	<5	6	3	374

TRENCH	SAMPLE	LOCATION	FROM	TO m	EASTING	NORTHING	DESCRIPTION all results in ppm unless stated	Au	Ag	As	Sb	Bi	Pb	Zn
FMPIT14-01	1369882	NW Nine	0	1.5	517626	7104373	rusty, bleached (graphite gone) graphitic quartzite at 8.5 ppm Ag soil pit	<0.005	1.1	14	<3	<3	141	548
FMPIT14-01	1369883	NW Nine	pit	grab	517626	7104373	grab of rusty, well oxidized, bleached graphitic quartzite with 1-2 cm silicified veinlets, and limonite-Mn fracture fillings	<0.005	1	19	<3	<3	100	426
FMTR14-02	1369884	NW Nine	0	5	517514	7104429	silicified, hard, mostly bleached graphitic quartzite, some muscovite-quartz-feldspar schist, locally clay altered, local silicification with limonite-Mn fracture fillings and limonite boxwork after pyrite	<0.005	0.6	6	<3	<3	57	205
FMTR14-02	1369885	NW Nine	5	10	517507	7104430	weakly graphitic quartzite (bleached) with 1-3 cm clay-limonite+/- silicified shear veinlets	<0.005	1.3	14	4	<3	89	222
FMTR14-02	1369886	NW Nine	10	15	517503	7104432	weakly graphitic quartzite (bleached), some limonite fracture fillings, with 1-1.5 cm quartz-clay-limonite-Mn-silicified fissure veinlets	0.012	2	23	3	<3	113	179
FMTR14-02	1369887	NW Nine	15	20	517499	7104434	weakly graphitic quartzite (bleached), more limonite fracture fillings, with 1-3 cm limonite-Mn-silicified fissure veinlets	0.016	5.7	48	3	9	184	310
FMTR14-02	1369888	NW Nine					BLANK	<0.005	0.8	4	<3	<3	<3	44
FMTR14-02	1369889	NW Nine	20	25	517496	7104437	weakly graphitic quartzite (bleached), lots of limonite-Mn-silicified shear veinlets, some Mn vugs	<0.005	1.7	15	4	<3	67	199
FMTR14-02	1369890	NW Nine	25	30	517491	7104440	weak to moderately graphitic quartzite (bleached), some silicification, and oxidized pyrite cubes	0.008	1.6	21	<3	<3	130	301
FMTR14-02	1369891	NW Nine	30	35	517488	7104442	weakly graphitic quartzite (bleached), 10% silicified, vuggy cavities, 1-4 mm crosscutting and foliation parallell limonite-fracture fillings	0.008	1.2	11	<3	<3	185	165
FMTR14-02	1369892	NW Nine	35	40	517483	7104444	minor bleached and silicified graphitic quartzite, lots of moderate-strongly limonitic, silicified, rusty quartz feldspar porphyry dyke from 38-40m	<0.005	0.7	15	4	3	64	273
FMTR14-02	1369893	NW Nine					STANDARD CDN-GS-1P5F	1.344	<0.3	7	3	<3	6	48
FMTR14-02	1369894	NW Nine	40	45	517478	7104447	strongly silicified quartzite, some quartz, moderate limonite, some hematite; trace amphibolite (mafic orthogneiss)	<0.005	0.8	14	8	<3	57	203
FMTR14-02	1369895	NW Nine	45	50	517474	7104450	some silicified and bleached graphitic quartzite, minor amphibolite (mafic orthogneiss), some quartz	<0.005	0.9	8	<3	<3	52	137
FMTR14-02	1369896	NW Nine	50	55	517470	7104453	amphibolite (mafic orthogneiss), some silicification with limonite-some Mn fracture fillings	<0.005	0.6	6	<3	<3	39	135
FMTR14-02	1369897	NW Nine	55	60	517466	7104455	micaceous graphitic quartzite (bleached), with 5-10% silicified with limonite-lesser Mn fracture fillings	<0.005	0.5	8	<3	<3	27	101
FMTR14-02		NW Nine	60	end	517465	7104457								
FMTR14-02	1369898	NW Nine	51	55	517468	7104454	grab of intensely silicified, bleached quartzite or quartz feldspar porphyry with strong Mn, moderate limonite, some vugs due to crackled texture	<0.005	<0.3	18	10	<3	20	40
FMTR14-02	1369899	NW Nine	35	grab	517483	7104444	grab of intensely silicified, bleached graphitic quartzite with strong orange-yellow limonite	<0.005	0.4	7	<3	<3	26	42
FMPIT14-02	1369900	NW Nine	pit	grab	517855	7104554	grab of intensely silicified, bleached graphitic quartzite with some white quartz veins, and moderate silicified-limonite-Mn fissure veins to 5 cm; thick overburden, bit of a seep	0.006	2.9	29	3	<3	228	548
FMTR14-02	1353942	NW Nine	3.5m	grab	517510	7104429	5 cm strongly oxidized fissure vein with limonite-goethite crosscutting silicified quartzite with limonite-Mn fracture fillings	<0.005	0.8	24	9	<3	67	752
FMTR14-02	1353943	NW Nine	40	grab	517478	7104447	orange-dark brown to reddish brown, strongly limonitic, intensely oxidized, silicified quartz feldspar porphyry	<0.005	1.1	33	12	<3	80	691

SAMPLE	Cu	Mo	Fe%	Th	Sr	Cd	V	Ca%	P%	La	Cr	Mg%	Ba	Ti%	B	A%	Na%	K%	W	S%	Hg	Tl	Ga	Sc	Ni	Co	Mn
1369882	49	1	2.29	4	4	3.5	22	0.08	0.034	11	21	0.11	126	0.001	<20	0.31	<0.01	0.11	<2	<0.05	<1	<5	<5	<5	28	8	471
1369883	38	<1	2.26	5	4	3.2	19	0.07	0.029	11	15	0.03	124	0.002	<20	0.23	<0.01	0.13	<2	<0.05	<1	<5	<5	<5	27	9	459
1369884	41	1	3.08	7	7	1.9	38	0.08	0.042	15	35	0.29	112	0.012	<20	0.63	<0.01	0.16	<2	<0.05	<1	<5	<5	6	42	13	834
1369885	46	<1	2.89	5	7	1.4	30	0.12	0.061	15	28	0.21	110	0.01	<20	0.57	<0.01	0.16	<2	<0.05	<1	<5	<5	5	36	10	758
1369886	36	<1	2.17	6	6	1.2	15	0.05	0.028	17	12	0.19	100	0.009	<20	0.53	<0.01	0.18	<2	<0.05	<1	<5	<5	<5	22	8	493
1369887	38	1	2.21	5	6	1.9	15	0.05	0.028	10	13	0.09	82	0.004	<20	0.34	<0.01	0.13	<2	<0.05	<1	<5	<5	<5	30	8	815
1369888	25	3	2.39	<2	35	<0.5	56	0.73	0.062	4	28	0.76	94	0.103	<20	1.48	0.07	0.13	12	<0.05	<1	<5	8	<5	23	9	393
1369889	35	1	2.2	7	6	1	19	0.09	0.043	17	20	0.21	77	0.008	<20	0.54	<0.01	0.14	<2	<0.05	<1	<5	<5	<5	31	10	431
1369890	36	<1	2.61	6	7	2.3	21	0.05	0.032	36	14	0.2	130	0.007	<20	0.54	<0.01	0.16	<2	<0.05	<1	<5	<5	<5	32	12	1068
1369891	30	1	1.87	6	8	0.7	19	0.06	0.034	15	17	0.21	69	0.007	<20	0.52	<0.01	0.17	<2	<0.05	<1	<5	<5	<5	19	7	403
1369892	72	<1	2.61	2	5	1.3	30	0.04	0.026	10	48	0.14	87	0.004	<20	0.47	<0.01	0.11	<2	<0.05	<1	<5	<5	<5	53	16	323
1369893	43	8	3.01	<2	34	<0.5	57	0.69	0.057	4	28	0.75	96	0.102	<20	1.5	0.09	0.14	<2	<0.05	<1	<5	10	<5	28	8	440
1369894	59	<1	2.51	3	5	1.8	40	0.13	0.02	10	85	0.53	122	0.015	<20	0.79	0.01	0.11	<2	<0.05	<1	<5	<5	5	56	15	639
1369895	41	1	2.17	3	8	0.7	35	0.2	0.02	9	80	0.67	155	0.026	<20	0.92	0.02	0.13	<2	<0.05	<1	<5	6	<5	48	11	517
1369896	41	<1	2.2	4	9	1.2	35	0.25	0.021	12	99	0.92	113	0.041	<20	1	0.02	0.11	<2	<0.05	<1	<5	<5	<5	52	14	662
1369897	35	1	2.21	5	8	0.8	25	0.12	0.023	14	46	0.5	108	0.02	<20	0.78	0.01	0.15	<2	<0.05	<1	<5	<5	<5	34	11	473
1369898	13	7	0.81	<2	6	<0.5	6	0.01	0.01	7	6	0.02	328	0.001	<20	0.16	<0.01	0.07	<2	<0.05	<1	<5	<5	<5	6	2	143
1369899	11	<1	0.82	<2	3	<0.5	9	0.02	0.007	6	5	0.02	133	0.001	<20	0.13	<0.01	0.09	<2	0.07	<1	<5	<5	<5	5	1	64
1369900	46	3	2.91	5	12	13	9	0.07	0.056	11	7	0.06	77	0.002	<20	0.31	<0.01	0.15	<2	<0.05	<1	<5	<5	<5	20	9	1656
1353942	149	2	10.2	<2	4	2.2	74	0.03	0.03	6	90	0.03	182	0.002	<20	0.57	<0.01	0.07	<2	<0.05	<1	<5	<5	22	140	42	2045
1353943	92	<1	5.95	<2	12	12	97	1.16	0.046	6	176	0.24	132	<0.001	<20	0.72	<0.01	0.08	<2	<0.05	<1	<5	<5	24	174	52	1146

FIFTY MILE PROJECT, YT				APPENDIX I: SAMPLE DESCRIPTIONS AND RESULTS											
						2014 TRENCH SOIL SAMPLES								Au in ppb, rest in ppm unless stated	
TRENCH	SAMPLE	FROM	TO m	EASTING	NORTHING	DESCRIPTION	Au	Ag	As	Sb	Bi	Pb	Zn	Mo	Cu
FMTR14-01	1369925	0	5	525379	7105361	medium brown C horizon from bottom of trench	81.7	0.9	550	19.3	0.8	174	178	1.8	109.1
FMTR14-01	1369901	5	10	525374	7105362	medium brown C horizon from bottom of trench	45.3	0.6	389.6	9.5	0.4	37.1	111	1.6	55.5
FMTR14-01	1353944	10	15	525370	7105365	medium brown C horizon from bottom of trench	59	0.5	468.9	8.8	0.4	51.4	120	1.6	48.7
FMTR14-01	1353945	15	20	525365	7105367	medium brown C horizon from bottom of trench	39.3	0.3	240.5	6.9	0.4	63.3	100	1.3	50.8
FMTR14-01	1353946	20	25	525362	7105372	medium brown C horizon from bottom of trench	135.6	2.7	891.3	41	1.2	287.5	572	1.6	76.5
FMTR14-01	1353947	25	30	525357	7105374	medium brown C horizon from bottom of trench	40.3	0.4	297.2	10.1	0.6	29.8	98	1.1	57.9
FMTR14-01	1369902	30	35	525354	7105377	medium brown C horizon from bottom of trench	94	2.5	1037	56.1	0.7	292	435	1.3	80.5
FMTR14-01	1369903	35	40	525352	7105382	medium brown C horizon from bottom of trench	116.7	1.2	840.6	33	0.3	129.6	191	1.1	66.7
FMTR14-01	1369904	40	45	525346	7105383	medium brown C horizon from bottom of trench	97.1	1	712.4	33.3	0.3	137.1	246	1	71
FMTR14-01	1369905	45	50	525341	7105385	medium brown C horizon from bottom of trench	86.7	1.8	722.1	42.8	0.3	111.8	399	1.3	93
FMTR14-01	1369906	50	55	525337	7105386	medium brown C horizon from bottom of trench	75	2.4	602.7	40.4	0.3	137.7	466	1.2	83.8
FMTR14-01	1369907	55	60	525331	7105388	medium rusty orange-brown C horizon from bottom of trench	63.8	4.9	922.5	55	0.2	1178.5	2182	1.5	83.5
FMTR14-01	1369908	60	65	525327	7105390	medium rusty orange-brown C horizon from bottom of trench	86.1	10	922.7	43.8	0.2	1217.8	1637	1.4	69.7
FMTR14-01	1369909	65	70	525322	7105391	medium brown C horizon from bottom of trench	66.3	13.5	741.6	40.7	0.2	1206.6	1193	1.5	59.1
FMTR14-01	1369910	70	75	525317	7105393	medium brown C horizon from bottom of trench	89.3	4.7	770.2	36.3	0.8	707.3	1166	1.2	86.7
FMTR14-01	1369911	75	80	525313	7105396	medium brown C horizon from bottom of trench	64.8	3.1	474.4	21.6	0.4	263.7	689	1	64.7
FMTR14-01	1369912	80	85	525309	7105399	medium rusty orange-brown C horizon from bottom of trench	88.9	4.6	627.6	31.9	0.4	426.5	1066	1.3	66.2
FMTR14-01	1369913	85	90	525304	7105402	medium rusty orange-brown C horizon from bottom of trench	79.5	2.4	393.2	24.7	0.7	248.8	625	1.3	59.7
FMTR14-01	1369914	90	95	525300	7105404	medium rusty orange-brown C horizon from bottom of trench	56	2.2	435.8	26.8	0.8	218.5	782	1.2	63.6
FMTR14-01	1369915	95	100	525296	7105406	medium rusty orange-brown C horizon from bottom of trench	82.6	1.7	494.1	23.3	0.9	199.1	963	1.2	73.1
FMTR14-01	1369916	100	105	525292	7105409	medium rusty orange-brown C horizon from bottom of trench	88.2	2	374.7	19.2	0.8	184.3	672	1.2	71.8
FMTR14-01	1369917	105	110	525287	7105410	medium rusty orange-brown C horizon from bottom of trench	69.1	1.5	372.5	18	0.9	232.2	677	1.1	62.1
FMTR14-01	1369918	110	115	525282	7105413	medium rusty orange-brown C horizon from bottom of trench	45.2	1.5	439.8	21.6	1	350.1	746	1.2	67.3
FMTR14-01	1369919	115	120	525280	7105417	medium rusty orange-brown C horizon from bottom of trench	85.3	1.3	367.9	13.6	0.7	190	617	1.2	62.2
FMTR14-01	1369920	120	125	525274	7105419	medium rusty orange-brown C horizon from bottom of trench	49.3	0.9	312.3	13	0.6	124.1	483	1.3	57.5
FMTR14-01	1369921	125	130	525270	7105421	medium rusty orange-brown C horizon from bottom of trench	34.4	0.5	224.1	10.4	0.5	95.6	331	1.1	54.2
FMTR14-01	1369922	130	135	525265	7105423	medium rusty orange-brown C horizon from bottom of trench	30	0.4	212.7	9.6	0.6	100.9	368	1	65.5
FMTR14-01	1369923	135	140	525262	7105427	medium rusty orange-brown C horizon from bottom of trench	25.1	0.9	224.5	10.3	0.9	186.2	568	1.1	78.2
FMTR14-01	1369924	140	143	525260	7105430	medium rusty orange-brown C horizon from bottom of trench	37.9	0.9	216.5	10.5	0.8	134.3	470	1.1	98

SAMPLE	Fe%	U	Th	Sr	Cd	V	Ca%	P%	La	Cr	Mg%	Ba	Ti	B	Al%	Na%	K%	W	Hg	Sc	Tl	S%	Ga	Se	Te	Ni	Co	Mn
1369925	4.13	1.3	7.6	18	0.9	89	0.3	0.026	19	99	1.33	274	0.131	2	2.61	0.011	0.31	0.2	0.06	10.9	0.4	<0.05	7	<0.5	<0.2	34.6	21.1	1214
1369901	3.96	1	7	19	0.3	82	0.25	0.024	18	86	1.15	232	0.123	<1	2.59	0.01	0.24	0.2	0.04	7.7	0.3	<0.05	7	<0.5	<0.2	31.2	18.9	1000
1353944	4.03	0.8	6.5	18	0.3	84	0.22	0.028	15	88	1.16	199	0.126	<1	2.76	0.009	0.23	0.2	0.03	7	0.3	<0.05	8	<0.5	<0.2	29.6	17.8	825
1353945	3.53	0.9	6	19	0.3	76	0.21	0.021	17	68	0.95	211	0.107	1	2.33	0.012	0.18	0.2	0.03	7	0.2	<0.05	7	<0.5	<0.2	28.2	14.9	670
1353946	4.4	1.1	7.3	16	6.3	86	0.19	0.023	18	90	1.19	211	0.112	1	2.69	0.01	0.24	0.3	0.06	9.4	0.4	<0.05	8	<0.5	<0.2	34.8	19.3	1433
1353947	3.45	0.8	5.8	17	0.3	72	0.27	0.025	17	73	0.99	231	0.099	1	2.18	0.014	0.16	0.2	0.05	7.1	0.2	<0.05	7	0.6	<0.2	29.6	15.7	820
1369902	4.96	1.4	9.1	16	2	98	0.22	0.023	25	124	1.65	260	0.145	2	3.07	0.01	0.44	0.3	0.04	12.7	0.5	<0.05	10	0.9	<0.2	38.8	25.1	2247
1369903	4.81	1	7.6	15	0.5	94	0.28	0.034	22	111	1.35	261	0.107	2	2.64	0.009	0.36	0.3	0.05	14.4	0.4	<0.05	8	<0.5	<0.2	38.8	26.2	1858
1369904	4.57	0.8	7.1	15	0.6	99	0.22	0.036	19	117	1.4	222	0.124	<1	2.92	0.009	0.39	0.2	0.04	12.3	0.4	<0.05	8	<0.5	<0.2	37.4	23.9	1476
1369905	4.6	0.9	6.6	15	1.1	96	0.23	0.028	16	118	1.52	220	0.138	<1	2.94	0.009	0.39	0.3	0.04	10.3	0.4	<0.05	8	<0.5	<0.2	38.7	23	1421
1369906	4.58	1	7	16	1.2	96	0.19	0.025	19	110	1.4	229	0.139	1	3.08	0.01	0.33	0.3	0.04	10.4	0.4	<0.05	8	<0.5	<0.2	39.8	23.4	1386
1369907	5.69	0.9	7.1	12	6.3	107	0.18	0.041	13	133	1.75	203	0.175	2	3.45	0.008	0.56	0.4	0.04	9.7	0.5	<0.05	10	0.5	<0.2	44.5	26.9	2286
1369908	5.1	0.9	5.5	14	4.6	100	0.22	0.043	12	123	1.65	203	0.18	2	3.3	0.011	0.53	0.2	0.05	8.5	0.5	<0.05	9	<0.5	<0.2	41.8	24	1612
1369909	4.85	0.7	4.9	16	5.8	101	0.24	0.041	11	113	1.49	194	0.173	1	3.05	0.01	0.49	0.3	0.04	7.7	0.4	<0.05	9	<0.5	<0.2	39.9	22.1	1395
1369910	4.73	0.9	6.1	15	8.5	97	0.25	0.031	14	121	1.62	207	0.176	<1	2.98	0.011	0.55	0.2	0.04	9.3	0.4	<0.05	9	<0.5	<0.2	44.9	24.7	1359
1369911	3.93	0.9	5	18	4	84	0.27	0.028	14	83	1.21	202	0.136	<1	2.52	0.012	0.31	0.2	0.05	7.7	0.3	<0.05	7	<0.5	<0.2	35.3	17.9	874
1369912	4.56	0.8	4.9	16	5	94	0.29	0.032	12	114	1.53	191	0.184	<1	2.94	0.009	0.5	0.2	0.04	7.2	0.4	<0.05	8	<0.5	<0.2	38.5	21.7	1058
1369913	3.99	0.8	5	18	2.4	86	0.27	0.028	14	84	1.2	202	0.137	<1	2.68	0.012	0.23	0.2	0.04	6.8	0.3	<0.05	8	<0.5	<0.2	33.8	18.5	878
1369914	4.09	0.9	5.3	18	4.2	90	0.23	0.024	14	83	1.18	202	0.137	2	2.78	0.011	0.23	0.2	0.04	6.8	0.3	<0.05	8	<0.5	<0.2	34.9	18.6	866
1369915	3.97	1.4	5.8	22	6.7	86	0.26	0.027	17	82	1.22	225	0.13	2	2.67	0.012	0.25	0.2	0.05	9.2	0.3	<0.05	7	<0.5	<0.2	34.9	18.3	896
1369916	3.77	1.5	5.8	21	3.2	83	0.24	0.027	16	75	1.08	233	0.117	<1	2.51	0.012	0.19	0.2	0.06	8.6	0.3	<0.05	7	<0.5	<0.2	32.8	16.2	797
1369917	3.84	0.9	5.5	19	4.1	84	0.24	0.024	14	83	1.21	218	0.137	1	2.46	0.011	0.29	0.2	0.04	7.3	0.3	<0.05	7	<0.5	<0.2	34	18.4	859
1369918	4.35	0.8	5.1	16	3.5	96	0.22	0.033	11	111	1.49	200	0.172	<1	3.03	0.01	0.38	0.2	0.05	7.4	0.3	<0.05	8	<0.5	<0.2	35.7	19.8	871
1369919	4.1	0.9	4.8	19	2.1	91	0.24	0.034	14	87	1.25	207	0.143	1	2.75	0.012	0.23	0.2	0.05	7.6	0.3	<0.05	8	<0.5	<0.2	32.9	17.3	801
1369920	4.03	0.8	5.1	18	2.2	91	0.24	0.025	13	90	1.29	211	0.151	<1	2.77	0.012	0.23	0.2	0.04	7.1	0.3	<0.05	8	<0.5	<0.2	34.1	18.1	776
1369921	3.66	0.7	5.1	21	1.3	84	0.26	0.025	15	79	1.13	222	0.143	<1	2.47	0.012	0.18	0.2	0.03	7.5	0.3	<0.05	8	<0.5	<0.2	31.6	15.9	659
1369922	4.04	0.8	5.5	19	1.2	89	0.26	0.024	14	84	1.13	211	0.141	<1	2.53	0.012	0.2	0.2	0.04	7.5	0.2	<0.05	8	<0.5	<0.2	32.4	17.7	756
1369923	3.95	0.8	4.7	17	1.9	87	0.25	0.027	13	91	1.24	200	0.145	1	2.64	0.011	0.23	0.2	0.03	7.3	0.3	<0.05	8	<0.5	<0.2	31.7	17.2	752
1369924	3.66	1.1	5.8	21	1.6	77	0.32	0.025	18	71	1.04	227	0.114	1	2.2	0.014	0.16	0.2	0.05	10.1	0.3	<0.05	6	<0.5	<0.2	32.9	14.8	698

APPENDIX II: SOIL SAMPLE DATABASE

sample_id	project_id	technici	utm_z	utm_eastin	utm_northi	date	method	colour	texture	moisture	site_slope	depth	quality	horizon	site_veget
1369782	BOU	DB02	7	524803	7096983	41879	Hand Auger	Chocolate Brown	Clay	Dry	Subtle Slope	70	Good	C	Black Spruce
1369783	BOU	DB02	7	524759	7096959	41879	Hand Auger	Chocolate Brown	Sand	Dry	Subtle Slope	50	Good	C	Black Spruce
1374089	BOU	CP01	7	524682	7096228	41879	Hand Auger	Reddish Brown	Gravel	Dry	Subtle Slope	40	Excellent	C	Dwarf Birch
1374086	BOU	CP01	7	524794	7096336	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	50	Excellent	C	White Spruce
1374087	BOU	CP01	7	524752	7096305	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	70	Excellent	C	White Spruce
1374088	BOU	CP01	7	524717	7096266	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	60	Excellent	C	White Spruce
1374090	BOU	CP01	7	524651	7096185	41879	Hand Auger	Reddish Orange	Gravel	Dry	Subtle Slope	80	Excellent	C	White Spruce
1369834	BOU	CP01	7	523755	7095969	41879	Hand Auger	Chocolate Brown	Gravel	Damp	Subtle Slope	80	Excellent	C	White Spruce
1369835	BOU	CP01	7	523704	7095981	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	70	Good	C	White Spruce
1369778	BOU	DB02	7	524986	7097058	41879	Hand Auger	Light Brown	Sand	Dry	Subtle Slope	70	Good	C	Dwarf Birch
1369836	BOU	CP01	7	523653	7095995	41879	Hand Auger	Reddish Brown	Gravel	Damp	Subtle Slope	110	Excellent	C	White Spruce
1369779	BOU	DB02	7	524941	7097042	41879	Hand Auger	Chocolate Brown	Clay	Dry	Subtle Slope	50	Good	C	Black Spruce
1369780	BOU	DB02	7	524895	7097020	41879	Hand Auger	Chocolate Brown	Clay	Dry	Subtle Slope	60	Good	C	Black Spruce
1374091	BOU	CP01	7	524619	7096144	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	70	Excellent	C	Dwarf Birch
1369781	BOU	DB02	7	524850	7096999	41879	Hand Auger	Light Brown	Clay	Damp	Subtle Slope	60	Good	C	Black Spruce
1374092	BOU	CP01	7	524581	7096106	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	80	Excellent	C	White Spruce
1374093	BOU	CP01	7	524555	7096062	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	60	Excellent	C	Dwarf Birch
1374094	BOU	CP01	7	524518	7096024	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	40	Good	C	White Spruce
1374095	BOU	CP01	7	524476	7095993	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	40	Good	C	White Spruce
1374096	BOU	CP01	7	524427	7095975	41879	Hand Auger	Dark Brown	Gravel	Dry	Pronounced Slope	50	Good	C	Dwarf Birch
1374097	BOU	CP01	7	524382	7095949	41879	Hand Auger	Reddish Brown	Gravel	Dry	Subtle Slope	50	Excellent	C	White Spruce
1374098	BOU	CP01	7	524330	7095944	41879	Hand Auger	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	Excellent	C	Dwarf Birch
1374099	BOU	CP01	7	524278	7095933	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	50	Excellent	C	White Spruce
1374100	BOU	CP01	7	524225	7095927	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	40	Good	C	White Spruce
1369826	BOU	CP01	7	524172	7095931	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	60	Excellent	C	White Spruce
1369827	BOU	CP01	7	524119	7095926	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	80	Excellent	C	White Spruce
1369828	BOU	CP01	7	524067	7095927	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	80	Excellent	C	White Spruce
1369829	BOU	CP01	7	524015	7095941	41879	Hand Auger	Reddish Brown	Gravel	Dry	Subtle Slope	70	Excellent	C	White Spruce
1369830	BOU	CP01	7	523963	7095947	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	80	Good	C	White Spruce
1369831	BOU	CP01	7	523911	7095952	41879	Hand Auger	Reddish Brown	Gravel	Dry	Subtle Slope	80	Excellent	C	White Spruce
1369832	BOU	CP01	7	523860	7095962	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	70	Excellent	C	White Spruce
1369825	BOU	DB02	7	525124	7097125	41879	Hand Auger	Light Brown	Sand	Dry	Subtle Slope	70	Excellent	C	Dwarf Birch
1369833	BOU	CP01	7	523807	7095965	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	50	Excellent	C	White Spruce
1374085	BOU	CP01	7	524834	7096370	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	40	Good	C	Old Burn
1369822	BOU	DB02	7	525215	7097166	41879	Hand Auger	Yellow	Sand	Dry	Subtle Slope	60	Excellent	C	Dwarf Birch
1374081	BOU	CP01	7	525004	7096491	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	80	Excellent	C	Old Burn
1369824	BOU	DB02	7	525124	7097125	41879	Hand Auger	Light Brown	Sand	Dry	Subtle Slope	70	Excellent	C	Dwarf Birch
1369823	BOU	DB02	7	525170	7097142	41879	Hand Auger	Light Brown	Sand	Dry	Subtle Slope	80	Excellent	C	Dwarf Birch
1369777	BOU	DB02	7	525033	7097083	41879	Hand Auger	Light Brown	Sand	Dry	Subtle Slope	80	Good	C	Dwarf Birch
1369776	BOU	DB02	7	525078	7097102	41879	Hand Auger	Light Brown	Sand	Dry	Subtle Slope	60	Good	C	Dwarf Birch
1374080	BOU	CP01	7	525047	7096519	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	60	Excellent	C	Dwarf Birch

sample_id	ground_cov	note1	note2	dupe_of_i	client	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1369782	Reindeer Moss			0	0908937 BC Ltd.	2	81.1	16.3	91	0.3	16.9	9.9	263
1369783	Reindeer Moss	Partially Frozen		0	0908937 BC Ltd.	2.5	69.8	12.5	64	0.2	11.8	7.6	234
1374089	Thin Moss Cover			0	0908937 BC Ltd.	1.2	24.8	8.3	81	0.05	12.1	14.8	758
1374086	Thin Moss Cover			0	0908937 BC Ltd.	1.2	5.1	2.5	37	0.05	25.5	19	450
1374087	Thin Moss Cover			0	0908937 BC Ltd.	1.1	16.3	12.7	55	0.05	23.9	13.9	520
1374088	Thin Moss Cover			0	0908937 BC Ltd.	0.2	6.5	8.2	64	0.05	13.2	8.4	1169
1374090	Thin Moss Cover			0	0908937 BC Ltd.	1.1	32.7	13.3	65	0.05	11.3	11.3	656
1369834	Sphagnum Moss > 30cm			0	0908937 BC Ltd.	0.7	40.9	10.8	61	0.05	12.3	13.1	560
1369835	Thin Moss Cover			0	0908937 BC Ltd.	1.2	19	10.2	63	0.05	24.8	10.5	357
1369778	Reindeer Moss			0	0908937 BC Ltd.	0.7	23.5	15.8	72	0.05	19.4	8.8	267
1369836	Thin Moss Cover			0	0908937 BC Ltd.	0.6	53.4	12.9	96	0.4	16.6	19.2	1468
1369779	Reindeer Moss	Frozen		0	0908937 BC Ltd.	1	36.2	14.9	86	0.2	21.6	8.5	251
1369780	Reindeer Moss			0	0908937 BC Ltd.	1.2	28	17.7	81	0.2	17.2	10.7	311
1374091	Thin Moss Cover			0	0908937 BC Ltd.	1.3	25.4	23.6	212	0.05	11	10.9	841
1369781	Sphagnum Moss < 30cm			0	0908937 BC Ltd.	1.5	47.5	12.8	86	0.2	15.8	10.3	237
1374092	Thin Moss Cover			0	0908937 BC Ltd.	1.3	50.8	16.3	95	0.05	15.7	16	949
1374093	Reindeer Moss			0	0908937 BC Ltd.	1.8	22.2	10	76	0.05	12.7	8.1	334
1374094	Thin Moss Cover			0	0908937 BC Ltd.	1.1	20.3	11.2	88	0.05	16.4	10.1	274
1374095	Reindeer Moss			0	0908937 BC Ltd.	1.1	19.7	9.5	58	0.05	24.7	12	264
1374096	Thin Moss Cover			0	0908937 BC Ltd.	1	12.3	6.9	43	0.05	10.1	6.8	238
1374097	Reindeer Moss			0	0908937 BC Ltd.	0.7	13.5	10.3	49	0.05	12.5	9.5	473
1374098	Reindeer Moss			0	0908937 BC Ltd.	1	20.5	8.6	53	0.05	14.5	11.3	382
1374099	Thin Moss Cover			0	0908937 BC Ltd.	3.8	97.2	4.7	83	0.05	5.2	18	361
1374100	Reindeer Moss			0	0908937 BC Ltd.	1	23.8	10.3	57	0.05	13.4	9	256
1369826	Reindeer Moss			0	0908937 BC Ltd.	0.8	18.5	8.4	73	0.05	13.1	10	463
1369827	Thin Moss Cover			0	0908937 BC Ltd.	0.8	31.5	8	67	0.05	9.3	10.8	512
1369828	Thin Moss Cover			0	0908937 BC Ltd.	1.4	34.5	6.3	58	0.05	9.5	12.3	482
1369829	Thin Moss Cover			0	0908937 BC Ltd.	1.4	192.5	17.3	85	0.2	39.8	65.2	870
1369830	Thin Moss Cover			0	0908937 BC Ltd.	4.3	56.4	10.1	121	0.1	52.4	15.4	695
1369831	Thin Moss Cover			0	0908937 BC Ltd.	3.5	55.5	11.3	138	0.4	19.6	19.6	2093
1369832	Reindeer Moss			0	0908937 BC Ltd.	1.6	29.9	3.4	58	0.05	11.1	11.6	652
1369825	Reindeer Moss	Rocky		1369824	0908937 BC Ltd.	0.3	24.3	12	97	0.05	27.1	13.4	443
1369833	Thin Moss Cover			0	0908937 BC Ltd.	0.9	19.1	14.9	47	0.05	15.9	6	250
1374085	Thin Moss Cover			0	0908937 BC Ltd.	1.1	16.7	10.6	57	0.05	16.7	8.1	381
1369822	Reindeer Moss			0	0908937 BC Ltd.	0.6	79.6	7.4	92	0.1	10	7.1	339
1374081	Thin Moss Cover			0	0908937 BC Ltd.	3.9	27.9	9.8	78	0.05	14.2	16.4	785
1369824	Reindeer Moss	Rocky		0	0908937 BC Ltd.	0.2	26.7	12.5	92	0.05	26.6	13.7	483
1369823	Reindeer Moss			0	0908937 BC Ltd.	0.4	55.8	15.2	110	0.05	30.8	13.3	519
1369777	Reindeer Moss			0	0908937 BC Ltd.	0.5	29.9	18.1	112	0.05	28.8	11.3	421
1369776	Reindeer Moss			0	0908937 BC Ltd.	0.6	26.1	14.8	84	0.05	23.5	12.2	330
1374080	Thin Moss Cover			0	0908937 BC Ltd.	0.9	73.5	5.4	75	0.2	25	22.8	794

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct
1369782	3.4	7.6	1.1	2.4	5.5	17	0.4	0.9	0.7	65	0.19	0.049	18	30	0.69	279	0.089	0	2.04
1369783	2.72	7.6	0.8	5.8	2	18	0.2	0.7	0.6	59	0.17	0.05	11	21	0.49	279	0.053	2	1.5
1374089	4.15	1.7	0.7	0.25	4.1	6	0.05	1.1	0.3	81	0.09	0.028	9	26	1.23	386	0.102	1	2.37
1374086	4.54	1.6	0.6	0.25	3.5	12	0.05	0.3	0.05	118	0.21	0.024	11	88	2	630	0.149	0	2.71
1374087	3.9	4.5	0.8	2	5.6	17	0.05	1.6	0.1	69	0.22	0.022	21	50	0.57	627	0.018	0	1.52
1374088	2.66	1.6	0.5	1.1	3.8	33	0.05	1.6	0.2	48	0.42	0.029	16	13	1.16	1370	0.076	1	1.78
1374090	2.87	3.7	0.7	1.7	2.8	14	0.05	5.4	0.4	32	0.22	0.056	15	26	0.27	736	0.006	0	0.69
1369834	4.06	5.3	0.7	0.9	3.9	10	0.05	1.7	0.1	52	0.3	0.034	10	12	0.14	511	0.002	0	0.73
1369835	3.18	15.2	0.7	7.3	3.5	20	0.1	3.3	0.1	53	0.23	0.025	10	26	0.43	479	0.035	1	1.39
1369778	2.98	8.3	1	1.2	8	17	0.05	0.8	0.2	53	0.25	0.036	29	31	0.58	308	0.092	0	1.64
1369836	5.9	49.1	0.6	14	1	43	0.05	4.8	0.05	78	2.89	0.046	3	15	0.36	1021	0.0005	2	0.52
1369779	3.07	6.8	1.3	1.3	6.1	16	0.2	1	0.2	52	0.2	0.05	27	33	0.56	267	0.086	1	1.64
1369780	3.49	8	0.8	4.1	6.2	15	0.05	1	0.4	58	0.18	0.049	22	34	0.61	207	0.079	0	1.81
1374091	3.7	3	0.5	0.25	3.9	29	0.2	0.7	0.2	63	0.37	0.027	37	20	1.74	1548	0.142	0	2.58
1369781	3.89	7.5	0.9	3.2	6.3	16	0.05	1	0.6	62	0.21	0.04	18	32	0.76	349	0.09	0	1.79
1374092	4.63	20.3	0.6	4.1	3.6	16	0.2	2.6	0.3	73	0.15	0.034	11	30	0.56	741	0.011	0	1.42
1374093	2.77	5.3	0.5	0.9	3.2	17	0.2	0.9	0.2	49	0.21	0.027	13	18	0.64	632	0.051	0	1.51
1374094	3.49	5.9	0.5	1.7	2.8	12	0.3	0.6	0.1	77	0.13	0.017	11	38	1.16	339	0.072	1	2.37
1374095	3.27	12.2	0.6	1.5	4.2	13	0.05	0.8	0.2	65	0.11	0.02	12	34	0.63	207	0.059	0	2.51
1374096	2.36	5.7	0.4	4.5	0.9	13	0.05	0.5	0.1	61	0.18	0.042	9	25	0.51	237	0.046	1	1.47
1374097	2.76	4.8	1.2	2.3	8	18	0.05	1.2	0.2	45	0.19	0.027	22	17	0.37	365	0.033	0	1.33
1374098	3.35	5.5	0.6	1.7	3.2	11	0.05	0.5	0.1	62	0.11	0.03	15	22	0.87	303	0.062	0	2.21
1374099	4.37	1.3	0.5	4.3	4.4	8	0.05	0.1	0.1	63	0.17	0.062	18	12	1.82	341	0.079	0	2.72
1374100	2.93	6	0.5	1.1	3.5	10	0.2	0.4	0.1	62	0.09	0.021	12	22	0.8	537	0.071	0	2.03
1369826	2.94	4.5	0.5	1.2	3.7	12	0.05	0.6	0.2	59	0.13	0.02	11	23	0.65	287	0.057	1	1.77
1369827	3.26	4.6	0.6	0.8	4.6	14	0.05	1.3	0.1	58	0.26	0.023	23	16	0.72	816	0.07	0	1.47
1369828	3.76	3.4	1	6.9	4.6	12	0.05	1.8	0.05	64	0.15	0.022	22	13	0.49	583	0.052	0	1.25
1369829	9.2	7.6	1.7	0.25	4	11	0.05	4.8	0.2	70	0.17	0.025	13	80	0.16	1304	0.002	0	0.68
1369830	4.83	56.2	1.1	15.8	3.1	28	0.1	5.6	0.2	78	0.56	0.157	15	35	0.46	788	0.016	2	1.54
1369831	5.74	17	1.1	34.4	3.6	18	0.9	5.5	0.1	33	0.53	0.039	11	11	0.34	680	0.002	2	0.7
1369832	4.07	3.3	1.3	0.25	4.4	10	0.05	0.4	0.05	34	0.24	0.071	17	14	0.38	718	0.031	0	1.01
1369825	4.07	5.9	0.6	0.25	12.7	14	0.05	1.2	0.3	54	0.23	0.052	20	46	1.09	358	0.258	0	2.72
1369833	2.14	5.7	0.5	2.1	2.3	13	0.1	0.8	0.1	39	0.14	0.021	11	19	0.37	397	0.024	1	1.24
1374085	3.29	7.6	0.5	0.25	4.9	9	0.05	0.5	0.4	62	0.08	0.026	14	28	0.58	191	0.072	2	2.17
1369822	2.54	2.9	0.5	0.25	3.3	17	0.2	0.4	0.2	40	0.21	0.061	10	13	0.5	137	0.068	0	1.41
1374081	4.92	1	1	0.25	5.9	27	0.1	1.2	0.2	106	0.47	0.034	16	29	1.19	754	0.091	0	1.93
1369824	3.98	5.2	0.7	0.25	17.6	17	0.05	1.2	0.3	43	0.31	0.069	30	40	1.06	363	0.226	1	2.59
1369823	4.66	8.3	1.7	0.25	21.3	33	0.2	2.2	0.2	64	0.59	0.145	42	55	1.15	450	0.126	0	2.15
1369777	3.85	11.8	1.3	2.4	14.2	21	0.1	1.2	0.2	50	0.32	0.078	46	46	0.82	404	0.144	0	1.98
1369776	3.5	6.3	0.9	0.6	10.5	18	0.05	0.7	0.2	53	0.19	0.034	34	36	0.75	363	0.119	2	2.25
1374080	4.48	5.2	1	4.2	6.4	21	0.3	1.3	2.1	90	0.42	0.077	15	48	0.73	709	0.036	0	1.44

sample_id	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm	sample_t	analysis_m	job_number	file_creat	shipment_r	shipment_i
1369782	0.009	0.2	0.1	0.1	5.9	0.2	0.025	7	0.7	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369783	0.009	0.12	0.1	0.09	4.1	0.2	0.025	5	1	0.2	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374089	0.009	0.61	0.2	0.005	10.4	0.2	0.025	7	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374086	0.022	0.75	0.2	0.005	13.5	0.3	0.025	9	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374087	0.007	0.11	0.05	0.04	13.6	0.1	0.025	5	0.6	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374088	0.007	0.35	0.05	0.01	7.2	0.2	0.025	5	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374090	0.004	0.12	0.1	0.02	9.8	0.05	0.025	2	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369834	0.004	0.12	0.2	0.09	21.9	0.1	0.025	2	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369835	0.009	0.06	0.2	0.03	6.4	0.1	0.025	4	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369778	0.008	0.19	0.2	0.03	4.9	0.1	0.025	6	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369836	0.003	0.17	0.4	0.06	21.1	0.1	0.09	2	1.7	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369779	0.009	0.33	0.05	0.06	6	0.2	0.025	6	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369780	0.008	0.24	0.2	0.1	5.2	0.2	0.025	7	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374091	0.011	0.4	0.1	0.02	16.1	0.3	0.025	9	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369781	0.008	0.26	0.1	0.09	5.6	0.2	0.025	6	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374092	0.005	0.11	0.1	0.03	10.7	0.1	0.025	4	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374093	0.011	0.1	0.1	0.01	6	0.1	0.025	5	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374094	0.008	0.15	0.1	0.02	9.1	0.1	0.025	8	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374095	0.011	0.08	0.1	0.02	5.4	0.05	0.025	7	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374096	0.011	0.08	0.1	0.03	4.1	0.05	0.025	6	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374097	0.008	0.09	0.1	0.01	6	0.05	0.025	4	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374098	0.01	0.23	0.1	0.03	7.1	0.1	0.025	7	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374099	0.008	0.4	0.05	0.005	15.8	0.1	0.025	11	0.7	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374100	0.011	0.28	0.1	0.01	7	0.05	0.025	7	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369826	0.008	0.21	0.1	0.01	7.1	0.1	0.025	6	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369827	0.006	0.35	0.2	0.01	12.7	0.2	0.025	5	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369828	0.006	0.27	0.1	0.005	10.4	0.05	0.025	4	0.7	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369829	0.003	0.18	0.05	0.07	19.5	0.1	0.025	3	2.3	0.2	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369830	0.013	0.08	0.2	0.12	11.8	0.1	0.025	5	0.9	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369831	0.005	0.11	0.2	0.13	13.2	0.4	0.025	2	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369832	0.007	0.14	0.05	0.03	11.8	0.05	0.025	5	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369825	0.009	1.05	0.2	0.03	7	0.6	0.025	10	0.7	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369833	0.009	0.06	0.1	0.02	3.6	0.05	0.025	4	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374085	0.007	0.2	0.1	0.02	3.7	0.2	0.025	8	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369822	0.008	0.26	0.1	0.02	2.5	0.1	0.025	7	0.5	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374081	0.006	0.76	0.6	0.02	12.9	0.3	0.025	6	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369824	0.008	0.94	0.1	0.02	6.4	0.5	0.025	9	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369823	0.008	0.57	0.2	0.08	8.1	0.3	0.025	9	0.7	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369777	0.01	0.58	0.05	0.05	6.5	0.4	0.025	8	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369776	0.009	0.36	0.1	0.05	5.7	0.3	0.025	8	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374080	0.02	0.25	0.05	0.62	22	0.2	0.025	5	1.1	2	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29

sample_id	project_id	technici	utm_z	utm_eastin	utm_northi	date	method	colour	texture	moisture	site_slope	depth	quality	horizon	site_veget
1374079	BOU	CP01	7	525093	7096544	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	50	Excellent	C	Old Burn
1374082	BOU	CP01	7	524962	7096459	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	50	Excellent	C	Dwarf Birch
1374083	BOU	CP01	7	524921	7096426	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	40	Excellent	C	Old Burn
1374084	BOU	CP01	7	524875	7096402	41879	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	70	Excellent	C	Dwarf Birch
1369802	BOU	DB02	7	526128	7097572	41879	Hand Auger	Light Brown	Sand	Wet	Subtle Slope	80	Good	C	Black Spruce
1369803	BOU	DB02	7	526085	7097549	41879	Hand Auger	Grey	Sand	Dry	Subtle Slope	60	Good	C	Black Spruce
1374078	BOU	CP01	7	525133	7096578	41879	Hand Auger	Light Brown	Gravel	Dry	Subtle Slope	40	Excellent	C	Old Burn
1369804	BOU	DB02	7	526039	7097531	41879	Hand Auger	Chocolate Brown	Silt	Damp	Subtle Slope	70	Good	B	Dwarf Birch
1369805	BOU	DB02	7	525992	7097512	41879	Hand Auger	Chocolate Brown	Clay	Wet	Subtle Slope	60	Good	B	Black Spruce
1369806	BOU	DB02	7	525944	7097492	41879	Hand Auger	Light Brown	Sand	Damp	Subtle Slope	60	Good	C	Dwarf Birch
1369807	BOU	DB02	7	525902	7097469	41879	Hand Auger	Light Brown	Sand	Wet	Subtle Slope	60	Good	C	Black Spruce
1369808	BOU	DB02	7	525855	7097449	41879	Hand Auger	Chocolate Brown	Clay	Wet	Subtle Slope	50	Good	B	Black Spruce
1369809	BOU	DB02	7	525808	7097431	41879	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	50	Good	C	Black Spruce
1369810	BOU	DB02	7	525763	7097408	41879	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	50	Good	B	Black Spruce
1369816	BOU	DB02	7	525489	7097285	41879	Hand Auger	Chocolate Brown	Clay	Dry	Subtle Slope	80	Good	C	Black Spruce
1369811	BOU	DB02	7	525717	7097388	41879	Hand Auger	Light Brown	Sand	Dry	Subtle Slope	60	Good	C	Black Spruce
1369813	BOU	DB02	7	525626	7097349	41879	Hand Auger	Light Brown	Sand	Dry	Subtle Slope	50	Good	C	Black Spruce
1369812	BOU	DB02	7	525673	7097365	41879	Hand Auger	Chocolate Brown	Sand	Dry	Subtle Slope	50	Good	C	Black Spruce
1369819	BOU	DB02	7	525352	7097227	41879	Hand Auger	Chocolate Brown	Clay	Dry	Subtle Slope	50	Good	B	Black Spruce
1369815	BOU	DB02	7	525535	7097303	41879	Hand Auger	Chocolate Brown	Sand	Dry	Subtle Slope	60	Good	C	Black Spruce
1369814	BOU	DB02	7	525583	7097323	41879	Hand Auger	Chocolate Brown	Clay	Dry	Subtle Slope	50	Good	C	Black Spruce
1369818	BOU	DB02	7	525400	7097244	41879	Hand Auger	Chocolate Brown	Silt	Dry	Pronounced Slope	50	Good	B	Black Spruce
1369817	BOU	DB02	7	525443	7097267	41879	Hand Auger	Chocolate Brown	Clay	Wet	Subtle Slope	50	Good	C	Black Spruce
1352757	BOU	IF01	7	526324	7096890	41879	Hand Auger	Reddish Brown	Sand	Dry	Subtle Slope	60	Excellent	C	Old Burn
1369820	BOU	DB02	7	525307	7097208	41879	Hand Auger	Chocolate Brown	Silt	Damp	Pronounced Slope	50	Good	B	Black Spruce
1369821	BOU	DB02	7	525261	7097184	41879	Hand Auger	Light Brown	Sand	Dry	Subtle Slope	110	Excellent	C	Dwarf Birch
1352758	BOU	IF01	7	526369	7096909	41879	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	70	Good	B	Old Burn
1352759	BOU	IF01	7	526413	7096930	41879	Hand Auger	Reddish Brown	Sand	Damp	Subtle Slope	60	Excellent	C	Old Burn
1393107	BOU	IF01	7	525273	7096422	41879	Hand Auger	Reddish Brown	Sand	Dry	Subtle Slope	60	Excellent	C	Old Burn
1393110	BOU	IF01	7	525411	7096487	41879	Hand Auger	Reddish Brown	Sand	Dry	Subtle Slope	80	Excellent	C	Old Burn
1393108	BOU	IF01	7	525318	7096444	41879	Hand Auger	Reddish Brown	Sand	Damp	Pronounced Slope	60	Excellent	C	White Spruce
1393109	BOU	IF01	7	525365	7096466	41879	Hand Auger	Reddish Brown	Sand	Dry	Subtle Slope	70	Excellent	C	White Spruce
1393111	BOU	IF01	7	525455	7096507	41879	Hand Auger	Reddish Brown	Sand	Damp	Pronounced Slope	30	Excellent	B	Old Burn
1393112	BOU	IF01	7	525502	7096528	41879	Hand Auger	Dark Brown	Silt	Damp	Subtle Slope	70	Good	B	Old Burn
1393113	BOU	IF01	7	525548	7096549	41879	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	60	Good	B	Old Burn
1393114	BOU	IF01	7	525593	7096566	41879	Hand Auger	Reddish Brown	Sand	Damp	Subtle Slope	70	Excellent	C	Old Burn
1393115	BOU	IF01	7	525638	7096586	41879	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	70	Excellent	C	Old Burn
1393117	BOU	IF01	7	525729	7096630	41879	Hand Auger	Chocolate Brown	Sand	Dry	Subtle Slope	90	Excellent	C	Old Burn
1393116	BOU	IF01	7	525684	7096609	41879	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	70	Good	B	Old Burn
1393120	BOU	IF01	7	525868	7096689	41879	Hand Auger	Dark Brown	Silt	Damp	Subtle Slope	60	Good	B	Old Burn
1393118	BOU	IF01	7	525773	7096654	41879	Hand Auger	Reddish Brown	Sand	Damp	Subtle Slope	60	Excellent	C	Old Burn
1393122	BOU	IF01	7	525960	7096730	41879	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	70	Excellent	C	Old Burn

sample_id	ground_cov	note1	note2	dupe_of_i	client	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1374079	Thin Moss Cover			0	0908937 BC Ltd.	1.1	14.2	12.6	63	0.05	15.4	8.8	290
1374082	Thin Moss Cover			0	0908937 BC Ltd.	1.3	53.2	7.2	67	0.05	27.4	21.3	655
1374083	Bare Soil			0	0908937 BC Ltd.	0.5	6.7	4.1	37	0.05	31.6	21.1	492
1374084	Thin Moss Cover			0	0908937 BC Ltd.	0.4	26.1	17.8	86	0.05	34	13.7	574
1369802	Reindeer Moss			0	0908937 BC Ltd.	1	49.4	8.4	58	0.2	23.5	11.9	300
1369803	Reindeer Moss	Frozen		0	0908937 BC Ltd.	0.7	48.5	8.5	63	0.2	25.7	13.6	217
1374078	Thin Moss Cover			0	0908937 BC Ltd.	0.9	8.1	8.3	48	0.05	6.7	4.3	132
1369804	Thin Moss Cover	Frozen		0	0908937 BC Ltd.	0.8	29.9	8.4	50	0.1	16.9	10.9	241
1369805	Thin Moss Cover	Possible Creek Contamination	Frozen	0	0908937 BC Ltd.	0.7	50.4	6.4	52	0.1	18.3	12.4	385
1369806	Reindeer Moss			0	0908937 BC Ltd.	0.7	53.3	8	56	0.1	18.1	10.7	243
1369807	Reindeer Moss			0	0908937 BC Ltd.	0.6	69.1	7.9	49	0.1	16	8.8	203
1369808	Sphagnum Moss < 30cm	Frozen		0	0908937 BC Ltd.	0.9	34.3	4.9	46	0.1	13.7	7.3	188
1369809	Reindeer Moss	Frozen		0	0908937 BC Ltd.	1.1	108.2	7.9	60	0.2	17	11.5	212
1369810	Sphagnum Moss < 30cm			0	0908937 BC Ltd.	0.9	95.3	9.9	68	0.4	11.2	7.3	140
1369816	Reindeer Moss			0	0908937 BC Ltd.	5	316.9	11.2	84	0.4	13.2	14.7	603
1369811	Sphagnum Moss < 30cm			0	0908937 BC Ltd.	1.3	70.9	8.6	69	0.4	9.2	5.2	151
1369813	Reindeer Moss	Frozen		0	0908937 BC Ltd.	2.5	113.1	15	83	0.4	12	7.7	177
1369812	Reindeer Moss			0	0908937 BC Ltd.	1.8	117.5	13.7	87	0.6	12	8.6	234
1369819	Sphagnum Moss < 30cm	Frozen		0	0908937 BC Ltd.	1.8	55.6	15	70	0.3	12.4	4.6	126
1369815	Reindeer Moss			0	0908937 BC Ltd.	4	364.6	12.7	90	0.4	13.4	8.4	222
1369814	Reindeer Moss	Frozen		0	0908937 BC Ltd.	2.4	98.2	9.7	57	0.3	11.2	5.9	147
1369818	Sphagnum Moss < 30cm	Frozen		0	0908937 BC Ltd.	1.5	30.7	12.7	63	0.2	11.2	4.8	122
1369817	Reindeer Moss	Possible Creek Contamination	Frozen	0	0908937 BC Ltd.	1.2	11.4	14.2	100	0.1	12.6	11.5	495
1352757	Thin Moss Cover	Coarse		0	0908937 BC Ltd.	1.8	77.9	7.1	101	0.05	4.9	12.4	473
1369820	Sphagnum Moss < 30cm	Partially Frozen		0	0908937 BC Ltd.	4	101.6	17	87	0.6	13	5.3	149
1369821	Reindeer Moss			0	0908937 BC Ltd.	17.2	1294	14.7	97	0.5	13.4	11.1	325
1352758	Sphagnum Moss < 30cm	Fine	Mud	0	0908937 BC Ltd.	1.5	70.9	23.3	81	0.2	16.1	10.3	320
1352759	Bare Soil	Coarse		0	0908937 BC Ltd.	0.3	27.3	8.6	83	0.05	10.5	9.5	447
1393107	Thin Moss Cover	Coarse		0	0908937 BC Ltd.	1.4	68.4	10.3	87	0.2	16.8	13.3	480
1393110	Burnt Moss	Coarse		0	0908937 BC Ltd.	0.6	16.6	14.2	106	0.05	8.5	13.8	690
1393108	Reindeer Moss	Coarse		0	0908937 BC Ltd.	1.1	136.2	7.5	80	0.05	18.8	11.9	274
1393109	Grass Cover	Coarse		0	0908937 BC Ltd.	1.1	216.9	16.1	93	0.05	14.1	16.8	412
1393111	Burnt Moss	Mud		0	0908937 BC Ltd.	1.5	16.8	9.9	75	0.05	15.9	12.7	1275
1393112	Burnt Moss	Mud	Coarse	0	0908937 BC Ltd.	1.3	48	44.7	151	0.9	18.9	10.9	652
1393113	Burnt Moss	Fine	Mud	0	0908937 BC Ltd.	0.8	37.5	28.7	116	0.2	18.1	10.2	431
1393114	Burnt Moss	Coarse		0	0908937 BC Ltd.	0.7	29.6	12.3	98	0.05	15.3	12.5	479
1393115	Burnt Moss	Coarse		0	0908937 BC Ltd.	0.7	33.8	9.6	91	0.05	15.8	10.7	435
1393117	Burnt Moss	Coarse		0	0908937 BC Ltd.	1.1	25.5	15.1	80	0.05	12.2	8.9	418
1393116	Sphagnum Moss > 30cm	Mud	Coarse	0	0908937 BC Ltd.	0.7	24.9	12.1	89	0.1	15	9.8	450
1393120	Burnt Moss	Fine	Organic 25%	0	0908937 BC Ltd.	5	613	20.3	95	1.4	14.5	12	347
1393118	Sphagnum Moss < 30cm	Coarse		0	0908937 BC Ltd.	1.8	101	10.7	76	0.05	19	16.3	564
1393122	Burnt Moss	Coarse		0	0908937 BC Ltd.	1	47.2	10.5	86	0.3	13.8	8.7	303

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct
1374079	2.9	10.5	0.5	0.25	2.5	25	0.05	1.1	0.2	55	0.23	0.023	10	23	0.44	594	0.033	0	1.53
1374082	5.13	2.1	0.5	2	2.9	8	0.05	0.3	0.3	128	0.11	0.025	9	86	2.17	557	0.15	0	3.29
1374083	4.56	1.5	0.4	0.25	3.3	16	0.05	0.5	0.05	140	0.27	0.024	10	92	2.38	705	0.188	1	3.02
1374084	3.83	8.6	1	2.6	15.2	20	0.05	0.8	0.2	46	0.31	0.057	55	61	0.93	353	0.102	0	2.13
1369802	3.45	8	1.6	2.1	6.6	22	0.05	0.6	0.2	74	0.28	0.049	27	38	0.82	427	0.09	0	2.62
1369803	3.29	6.4	1.3	3.3	8.6	21	0.1	0.7	0.2	65	0.3	0.046	23	38	0.83	462	0.126	2	2.11
1374078	1.84	3.9	0.5	1.8	1.7	14	0.05	1.2	0.1	41	0.12	0.017	7	13	0.33	361	0.023	0	1.19
1369804	3.02	7.6	0.9	2.9	3.6	27	0.05	0.6	0.2	75	0.37	0.053	14	29	0.65	633	0.057	1	1.83
1369805	3.21	6	0.9	3.3	4.6	27	0.05	0.7	0.1	78	0.41	0.057	14	32	0.74	419	0.085	0	1.89
1369806	3.08	8.8	0.8	4.2	5.2	19	0.05	0.8	0.2	64	0.24	0.048	15	28	0.64	282	0.074	0	1.83
1369807	2.55	6.7	1.1	3.5	4.9	20	0.1	0.6	0.2	60	0.26	0.051	18	25	0.62	506	0.068	0	1.78
1369808	2.87	4.8	0.6	3.1	3.1	23	0.05	0.4	0.2	78	0.25	0.045	12	26	0.88	627	0.107	0	1.88
1369809	3.34	7.6	1	6	4.3	23	0.05	0.7	0.2	76	0.25	0.049	16	30	0.77	713	0.085	0	2.09
1369810	2.51	6.1	0.8	7.9	2.7	18	0.1	0.5	0.2	70	0.23	0.044	12	20	0.66	343	0.067	0	1.82
1369816	2.83	4.7	1.1	15.9	2.5	34	0.4	0.9	0.3	63	0.49	0.056	15	29	0.69	464	0.066	2	1.71
1369811	2.2	3.7	0.5	6.5	2	17	0.1	0.3	0.3	56	0.21	0.043	10	17	0.63	241	0.073	1	1.63
1369813	3.05	9.6	0.9	14.7	3.1	20	0.1	0.8	4	61	0.21	0.049	11	21	0.54	327	0.057	1	1.95
1369812	2.88	7.1	1	15.4	4	26	0.2	0.7	1	61	0.31	0.056	15	20	0.65	356	0.077	1	1.99
1369819	2.08	4.9	0.6	5.2	1.5	19	0.2	0.5	0.4	50	0.18	0.036	10	29	0.51	184	0.062	0	1.53
1369815	2.67	4.8	1.2	16.7	3.1	33	0.6	0.6	0.3	59	0.46	0.05	17	26	0.66	433	0.074	1	1.77
1369814	2.43	5.7	0.8	15	1.7	16	0.2	0.5	0.7	53	0.17	0.046	9	19	0.45	213	0.051	0	1.69
1369818	2.08	5.4	0.6	2.4	1	17	0.2	0.5	0.3	46	0.16	0.045	9	24	0.42	172	0.048	0	1.33
1369817	2.72	5.6	0.5	1.1	1.9	19	0.3	0.7	0.2	64	0.26	0.05	8	31	0.64	326	0.076	0	1.42
1352757	4.12	2.8	0.6	0.25	3	18	0.05	0.8	0.5	96	0.22	0.02	13	9	1.21	687	0.175	0	2.37
1369820	2.53	5.2	0.7	10.3	2.2	22	0.4	0.3	0.6	64	0.18	0.037	10	35	0.67	247	0.089	1	1.78
1369821	4.51	1.7	1.5	41	8.1	34	0.8	0.9	1.1	113	0.43	0.115	20	28	1.59	674	0.119	0	2.83
1352758	3.75	9.7	0.6	2.2	2.9	20	0.05	7.6	1.3	76	0.28	0.027	10	26	0.59	506	0.048	1	1.77
1352759	3.49	2.6	1.2	0.25	4.1	24	0.05	2.8	0.4	71	0.44	0.075	13	23	1.03	667	0.077	0	1.89
1393107	4.28	2.5	0.9	1.3	4.1	25	0.1	1.3	0.5	91	0.36	0.033	17	45	1.3	836	0.104	0	2.16
1393110	4.67	2.4	0.5	0.6	2.9	16	0.2	0.9	0.2	110	0.36	0.046	11	19	1.49	720	0.11	0	2.53
1393108	4.61	6.1	0.5	0.25	2.9	12	0.3	1.1	0.3	112	0.12	0.021	6	64	1.51	425	0.118	0	3.13
1393109	4.47	10.7	0.6	0.7	3.6	12	0.4	2.2	0.2	111	0.12	0.02	8	55	1.65	531	0.116	0	2.91
1393111	3.88	9.5	0.4	0.25	2.5	9	0.5	1	0.2	108	0.1	0.031	9	51	0.81	197	0.068	0	2.31
1393112	2.87	4.4	1.2	6.1	2.9	27	0.7	0.5	0.2	67	0.42	0.066	28	39	0.85	590	0.08	1	1.95
1393113	2.85	5.2	0.6	2.1	2.9	27	0.5	0.6	0.1	64	0.58	0.037	11	32	0.84	493	0.091	0	1.66
1393114	3.14	4.4	0.4	0.6	2.5	17	0.2	0.7	0.05	71	0.21	0.035	7	28	1.04	365	0.122	0	1.93
1393115	3.03	4.9	0.7	0.25	3.5	21	0.2	0.7	0.2	69	0.26	0.029	12	33	1	786	0.114	2	1.83
1393117	2.91	4.6	0.7	0.25	4.1	19	0.05	1.2	0.1	51	0.31	0.024	12	18	0.61	558	0.075	0	1.27
1393116	2.66	4.9	0.6	1.8	3	25	0.2	0.7	0.1	59	0.43	0.049	11	26	0.83	467	0.099	0	1.54
1393120	3.49	3.1	1.4	12.7	3	31	0.3	0.5	0.1	88	0.54	0.037	19	31	1.08	734	0.116	2	2.39
1393118	4.26	4.4	0.6	1.3	3.3	20	0.05	2	0.05	104	0.35	0.017	10	49	1.58	546	0.149	0	2.45
1393122	2.85	5.3	0.6	1	3.2	19	0.2	0.5	0.2	74	0.23	0.016	12	30	0.82	505	0.123	1	1.66

sample_id	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm	sample_t	analysis_m	job_number	file_creat	shipment_r	shipment_i
1374079	0.009	0.09	0.1	0.03	4.5	0.05	0.025	6	0.6	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374082	0.012	0.84	0.1	0.01	12.6	0.2	0.025	9	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374083	0.011	0.72	0.05	0.02	11.4	0.3	0.025	9	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374084	0.008	0.39	0.05	0.04	7.3	0.3	0.025	8	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369802	0.012	0.27	0.1	0.22	7.4	0.3	0.025	9	0.8	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369803	0.011	0.34	0.2	0.36	6.8	0.3	0.025	7	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1374078	0.007	0.08	0.1	0.03	2.4	0.05	0.025	5	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369804	0.01	0.09	0.1	0.61	7	0.1	0.025	7	0.6	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369805	0.014	0.14	0.1	0.11	7	0.2	0.025	7	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369806	0.01	0.1	0.1	0.15	4.5	0.1	0.025	7	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369807	0.011	0.11	0.2	0.13	6.1	0.1	0.025	6	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369808	0.012	0.21	0.1	0.07	6	0.2	0.025	7	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369809	0.011	0.15	0.1	0.12	7	0.2	0.025	7	0.6	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369810	0.012	0.14	0.2	0.13	6	0.1	0.025	7	0.25	0.1	REP	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369816	0.013	0.17	0.1	0.26	7.1	0.2	0.025	6	1.3	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369811	0.011	0.2	0.1	0.08	4.8	0.2	0.025	6	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369813	0.011	0.09	0.2	0.07	4.8	0.2	0.025	6	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369812	0.014	0.15	0.2	0.12	5.4	0.2	0.025	7	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369819	0.01	0.06	0.2	0.07	4.1	0.1	0.025	5	0.9	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369815	0.013	0.19	0.1	0.23	6.1	0.2	0.025	6	1	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369814	0.009	0.07	0.1	0.06	3.8	0.2	0.025	5	0.6	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369818	0.009	0.05	0.2	0.07	3.4	0.1	0.025	5	0.8	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369817	0.01	0.16	0.2	0.54	4.3	0.2	0.025	5	1	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1352757	0.013	0.81	0.2	0.01	7.7	0.4	0.025	7	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369820	0.011	0.11	0.1	0.08	5.4	0.2	0.025	6	1.2	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1369821	0.021	0.82	0.05	0.08	13.9	0.5	0.025	8	2.8	0.9	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1352758	0.011	0.09	0.05	0.06	6.8	0.1	0.025	6	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1352759	0.007	0.29	0.1	0.005	5.1	0.1	0.025	8	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393107	0.01	0.52	0.2	0.11	13.8	0.3	0.025	7	0.8	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393110	0.009	0.54	0.1	0.03	15.1	0.3	0.025	9	0.7	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393108	0.012	0.4	0.1	0.03	10.3	0.2	0.025	9	0.8	0.3	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393109	0.01	0.8	0.1	0.03	9.7	0.4	0.025	8	1.5	0.2	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393111	0.011	0.07	0.1	0.02	6.5	0.1	0.025	10	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393112	0.013	0.15	0.2	0.16	9.5	0.1	0.025	6	0.9	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393113	0.013	0.18	0.2	0.05	6.1	0.1	0.025	5	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393114	0.01	0.32	0.1	0.03	6.1	0.2	0.025	7	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393115	0.021	0.26	0.2	0.06	7.2	0.2	0.025	6	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393117	0.011	0.19	0.2	0.05	7.5	0.1	0.025	5	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393116	0.012	0.18	0.3	0.22	6.2	0.1	0.025	5	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393120	0.017	0.48	0.1	0.19	11.5	0.3	0.025	8	1.6	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393118	0.009	0.55	0.2	0.09	9	0.3	0.025	7	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393122	0.014	0.23	0.2	0.03	5.1	0.1	0.025	6	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29

sample_id	project_id	technici	utm_z	utm_eastin	utm_northi	date	method	colour	texture	moisture	site_slope	depth	quality	horizon	site_veget
1393121	BOU	IF01	7	525913	7096708	41879	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	70	Excellent	C	Old Burn
1352753	BOU	IF01	7	526141	7096808	41879	Hand Auger	Reddish Brown	Sand	Damp	Pronounced Slope	40	Excellent	C	Old Burn
1393123	BOU	IF01	7	526002	7096750	41879	Hand Auger	Reddish Brown	Sand	Damp	Subtle Slope	70	Excellent	C	Old Burn
1393124	BOU	IF01	7	526049	7096767	41879	Hand Auger	Reddish Brown	Sand	Damp	Pronounced Slope	80	Excellent	C	Old Burn
1352755	BOU	IF01	7	526230	7096849	41879	Hand Auger	Reddish Brown	Sand	Dry	Subtle Slope	50	Excellent	C	Old Burn
1393119	BOU	IF01	7	525822	7096668	41879	Hand Auger	Chocolate Brown	Sand	Dry	Pronounced Slope	50	Excellent	C	Old Burn
1352756	BOU	IF01	7	526277	7096870	41879	Hand Auger	Reddish Brown	Sand	Dry	Subtle Slope	50	Excellent	C	Old Burn
1352752	BOU	IF01	7	526092	7096788	41879	Hand Auger	Reddish Brown	Sand	Dry	Subtle Slope	70	Excellent	C	Old Burn
1393125	BOU	IF01	7	526049	7096767	41879	Hand Auger	Reddish Brown	Sand	Damp	Pronounced Slope	80	Excellent	C	Old Burn
1352754	BOU	IF01	7	526188	7096828	41879	Hand Auger	Reddish Brown	Sand	Dry	Subtle Slope	60	Excellent	C	Old Burn
1393106	BOU	IF01	7	525228	7096406	41879	Hand Auger	Reddish Brown	Sand	Dry	Pronounced Slope	70	Excellent	C	White Spruce
1393102	BOU	IF01	7	525042	7096318	41879	Hand Auger	Reddish Brown	Sand	Damp	Subtle Slope	70	Excellent	C	Old Burn
1393103	BOU	IF01	7	525088	7096344	41879	Hand Auger	Reddish Brown	Sand	Damp	Subtle Slope	80	Excellent	C	White Spruce
1393104	BOU	IF01	7	525133	7096364	41879	Hand Auger	Dark Brown	Sand	Wet	Subtle Slope	110	Excellent	C	White Spruce
1393105	BOU	IF01	7	525181	7096385	41879	Hand Auger	Reddish Brown	Sand	Wet	Subtle Slope	80	Good	C	White Spruce

sample_id	ground_cov	note1	note2	dupe_of_i	client	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1393121	Burnt Moss	Coarse		0	0908937 BC Ltd.	2.1	119.5	13.9	124	0.2	15.5	15.6	571
1352753	Burnt Moss	Coarse		0	0908937 BC Ltd.	1.6	133.7	19.7	128	0.1	11	12.6	503
1393123	Burnt Moss	Coarse		0	0908937 BC Ltd.	0.7	76.7	4.3	106	0.05	18.6	17.3	544
1393124	Burnt Moss	Coarse		0	0908937 BC Ltd.	1.2	61.4	5.7	85	0.2	14.5	15.5	537
1352755	Bare Soil	Coarse		0	0908937 BC Ltd.	1.7	298	12.4	166	0.5	12.5	17	340
1393119	Burnt Moss	Coarse		0	0908937 BC Ltd.	1.2	62.3	24.4	205	0.05	17.7	17.1	835
1352756	Bare Soil	Coarse		0	0908937 BC Ltd.	5.2	175.5	5.6	80	0.5	6.2	13	407
1352752	Burnt Moss	Coarse		0	0908937 BC Ltd.	1.1	106.9	8.2	86	0.2	16.9	17.7	614
1393125	Burnt Moss	Coarse		1393124	0908937 BC Ltd.	1	55.1	5.9	78	0.2	12.7	14.7	502
1352754	Thin Moss Cover	Coarse	rusty	0	0908937 BC Ltd.	3	283.7	11.6	117	0.3	10.5	13.7	357
1393106	Sphagnum Moss < 30cm	Coarse		0	0908937 BC Ltd.	0.8	15.5	6.5	64	0.05	17.5	19.5	766
1393102	Grass Cover	Coarse		0	0908937 BC Ltd.	1.3	23.6	6.5	59	0.05	19.1	17.3	434
1393103	Sphagnum Moss < 30cm	Coarse		0	0908937 BC Ltd.	1	18.4	6	188	0.05	18.1	16.6	527
1393104	Sphagnum Moss < 30cm	Coarse		0	0908937 BC Ltd.	1.5	23.7	7.7	164	0.05	17	16.4	640
1393105	Sphagnum Moss > 30cm	Coarse	Mud	0	0908937 BC Ltd.	1.5	23.1	14.6	95	0.2	18.8	12.6	493

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct
1393121	3.62	4.5	0.6	1.2	2.8	23	0.5	0.7	0.05	92	0.42	0.042	8	35	1.28	609	0.144	0	2.04
1352753	4.38	4.2	0.4	0.25	2.3	11	0.4	0.2	0.6	109	0.11	0.019	4	27	1.4	479	0.188	1	2.76
1393123	4.38	4.1	0.4	0.25	2.8	20	0.2	0.6	0.1	111	0.3	0.024	9	46	1.76	838	0.155	1	2.67
1393124	4.53	4.4	0.7	0.9	3.3	20	0.05	1.6	0.1	98	0.34	0.025	7	29	1.12	748	0.12	1	1.86
1352755	4.69	4.9	0.6	1.4	4.5	13	0.5	0.5	0.7	109	0.12	0.013	10	24	1.31	421	0.143	0	3.57
1393119	4.32	3.8	0.4	0.25	2.3	19	0.5	0.6	0.1	116	0.18	0.024	5	50	1.72	897	0.158	0	2.61
1352756	4.95	2.2	0.7	0.25	2.6	24	0.05	0.2	0.1	116	0.14	0.031	5	11	1.28	528	0.233	0	3.43
1352752	4.63	2.4	0.7	0.7	3.4	24	0.05	0.9	0.2	119	0.36	0.027	10	37	1.75	789	0.15	1	2.71
1393125	4.32	3.5	0.6	0.25	3.6	17	0.1	1.7	0.1	91	0.3	0.024	7	25	0.97	680	0.109	0	1.67
1352754	4.46	3.1	0.7	0.25	4.2	11	0.3	0.2	0.4	105	0.1	0.017	8	15	1.39	394	0.174	1	3.14
1393106	4.4	4.2	0.3	0.25	2.3	19	0.05	0.7	0.3	129	0.21	0.034	6	62	2.01	660	0.114	0	2.7
1393102	5.49	3.8	0.6	0.25	4	24	0.1	0.4	0.8	137	0.34	0.028	11	66	1.83	736	0.09	0	3.08
1393103	4.45	2.4	0.6	0.6	2.6	32	0.2	0.6	0.2	119	0.47	0.027	7	59	1.74	764	0.134	2	2.84
1393104	4.84	3.5	0.9	0.25	5.1	45	0.3	1.2	0.3	114	0.62	0.06	21	48	1.59	1028	0.116	0	2.54
1393105	3.54	5.6	1	3.4	3.4	54	0.3	1.2	0.2	72	0.59	0.046	13	31	0.57	880	0.053	0	1.73

sample_id	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm	sample_t	analysis_m	job_number	file_creat	shipment_r	shipment_i
1393121	0.012	0.7	0.2	0.06	7.4	0.3	0.025	7	0.6	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1352753	0.012	0.9	0.2	0.005	6.9	0.3	0.025	9	0.6	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393123	0.012	0.73	0.1	0.03	8.3	0.2	0.025	8	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393124	0.011	0.58	0.1	0.03	11.8	0.2	0.025	7	1.1	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1352755	0.016	0.72	0.1	0.02	12.2	0.4	0.025	9	1	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393119	0.012	0.84	0.2	0.02	8	0.3	0.025	8	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1352756	0.017	1.06	0.1	0.02	6.5	0.5	0.025	9	0.8	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1352752	0.013	0.79	0.1	0.02	10.1	0.3	0.025	8	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393125	0.011	0.53	0.2	0.03	11.6	0.2	0.025	6	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1352754	0.013	0.86	0.2	0.02	10.4	0.7	0.025	9	0.9	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393106	0.013	0.47	0.05	0.03	12.1	0.2	0.025	10	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393102	0.013	0.32	0.05	0.02	17.1	0.1	0.025	11	1.8	0.3	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393103	0.013	0.62	0.05	0.04	13.1	0.2	0.025	9	0.25	0.2	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393104	0.008	0.62	0.05	0.04	17.3	0.3	0.025	9	0.7	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29
1393105	0.011	0.19	0.2	0.07	10.9	0.05	0.025	6	0.25	0.1	Soil	AQ201	WHI14000166	41902	41884	BOU2014-08-29

APPENDIX II: SOIL SAMPLE DATABASE

sample_id	project	technic	utm_	utm_eastin	utm_northi	date	method	colour	texture	moisture	site_slope	depth	quality	horizon	site_veget
1345152	CAL	CP01	7	523569	7104386	20140708	Hand Auger	Dark Brown	Gravel	Dry	Subtle Slope	80	Excellent	C	White Spruce
1346285	CAL	RF01	7	523692	7105025	20140708	Hand Auger	Chocolate Brown	Clay	Dry	Flat	60	Good	B	Black Spruce
1345010	CAL	FL01	7	524042	7104555	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	60	Good	C	Willows
1346284	CAL	RF01	7	523734	7104999	20140708	Hand Auger	Chocolate Brown	Sand	Dry	Flat	70	Excellent	C	Black Spruce
1345156	CAL	CP01	7	523405	7104495	20140708	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	60	Excellent	C	White Spruce
1345154	CAL	CP01	7	523489	7104440	20140708	Hand Auger	Dark Brown	Gravel	Dry	Subtle Slope	60	Excellent	C	Poplar
1345157	CAL	CP01	7	523363	7104521	20140708	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	70	Good	C	Alders
1346283	CAL	RF01	7	523773	7104971	20140708	Hand Auger	Reddish Brown	Sand	Dry	Subtle Slope	40	Good	C	Poplar
1346281	CAL	RF01	7	523858	7104915	20140708	Hand Auger	Chocolate Brown	Sand	Dry	Subtle Slope	40	Good	C	Birch Forest
1346282	CAL	RF01	7	523817	7104944	20140708	Hand Auger	Chocolate Brown	Sand	Dry	Subtle Slope	50	Good	B	Birch Forest
1345155	CAL	CP01	7	523445	7104467	20140708	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	60	Excellent	C	Poplar
1345197	CAL	CP01	7	523738	7104275	20140708	Hand Auger	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	Good	C	White Spruce
1345200	CAL	CP01	7	523613	7104356	20140708	Hand Auger	Dark Brown	Gravel	Dry	Pronounced Slope	50	Excellent	C	Alders
1345153	CAL	CP01	7	523529	7104413	20140708	Hand Auger	Dark Brown	Gravel	Dry	Subtle Slope	80	Excellent	C	Dwarf Birch
1346280	CAL	RF01	7	523901	7104888	20140708	Hand Auger	Light Brown	Sand	Dry	Subtle Slope	60	Excellent	C	Poplar
1346279	CAL	RF01	7	523995	7104944	20140708	Hand Auger	Reddish Brown	Sand	Dry	Subtle Slope	70	Good	C	Poplar
1345195	CAL	CP01	7	524102	7103919	20140708	Hand Auger	Dark Brown	Gravel	Damp	Subtle Slope	60	Good	C	Black Spruce
1345196	CAL	CP01	7	524144	7103894	20140708	Hand Auger	Dark Brown	Gravel	Damp	Flat	60	Good	C	Black Spruce
1345199	CAL	CP01	7	523653	7104329	20140708	Hand Auger	Dark Brown	Gravel	Dry	Subtle Slope	60	Excellent	C	White Spruce
1345198	CAL	CP01	7	523697	7104301	20140708	Hand Auger	Chocolate Brown	Gravel	Damp	Subtle Slope	70	Excellent	C	White Spruce
1345194	CAL	CP01	7	524061	7103948	20140708	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	50	Excellent	C	Poplar
1345193	CAL	CP01	7	524017	7103975	20140708	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	70	Excellent	C	Poplar
1345192	CAL	CP01	7	523977	7104002	20140708	Hand Auger	Chocolate Brown	Gravel	Dry	Pronounced Slope	80	Excellent	C	Poplar
1345191	CAL	CP01	7	523936	7104030	20140708	Hand Auger	Reddish Brown	Gravel	Dry	Pronounced Slope	60	Excellent	C	Poplar
1345183	CAL	CP01	7	523597	7104247	20140708	Hand Auger	Dark Brown	Gravel	Dry	Pronounced Slope	50	Excellent	C	White Spruce
1345189	CAL	CP01	7	523851	7104085	20140708	Hand Auger	Reddish Brown	Gravel	Dry	Subtle Slope	50	Excellent	C	White Spruce
1345188	CAL	CP01	7	523808	7104112	20140708	Hand Auger	Reddish Brown	Gravel	Dry	Pronounced Slope	60	Excellent	C	White Spruce
1345190	CAL	CP01	7	523892	7104056	20140708	Hand Auger	Chocolate Brown	Gravel	Dry	Pronounced Slope	90	Excellent	C	White Spruce
1345186	CAL	CP01	7	523724	7104166	20140708	Hand Auger	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	Excellent	C	White Spruce
1345187	CAL	CP01	7	523766	7104139	20140708	Hand Auger	Reddish Brown	Gravel	Dry	Pronounced Slope	60	Excellent	C	White Spruce
1345184	CAL	CP01	7	523642	7104223	20140708	Hand Auger	Dark Brown	Gravel	Dry	Pronounced Slope	60	Excellent	C	Dwarf Birch
1345185	CAL	CP01	7	523681	7104192	20140708	Hand Auger	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	Excellent	C	White Spruce
1346276	CAL	RF01	7	524121	7104863	20140708	Hand Auger	Chocolate Brown	Sand	Dry	Subtle Slope	60	Good	C	Poplar
1345181	CAL	CP01	7	523515	7104301	20140708	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	90	Excellent	C	Poplar
1346275	CAL	RF01	7	524164	7104835	20140708	Hand Auger	Grey	Sand	Dry	Subtle Slope	50	Good	C	Poplar
1346277	CAL	RF01	7	524081	7104889	20140708	Hand Auger	Light Brown	Sand	Dry	Subtle Slope	80	Excellent	C	Poplar
1345182	CAL	CP01	7	523557	7104277	20140708	Hand Auger	Reddish Brown	Gravel	Damp	Subtle Slope	90	Excellent	C	Dwarf Birch
1346278	CAL	RF01	7	524039	7104917	20140708	Hand Auger	Reddish Yellow	Sand	Dry	Subtle Slope	70	Excellent	C	Poplar
1345179	CAL	CP01	7	523434	7104358	20140708	Hand Auger	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	Good	C	White Spruce
1345180	CAL	CP01	7	523475	7104332	20140708	Hand Auger	Chocolate Brown	Gravel	Dry	Subtle Slope	80	Excellent	C	White Spruce
1345176	CAL	CP01	7	523307	7104439	20140708	Hand Auger	Chocolate Brown	Gravel	Dry	Pronounced Slope	80	Excellent	C	Black Spruce
1346274	CAL	RF01	7	524164	7104835	20140708	Hand Auger	Grey	Sand	Dry	Subtle Slope	50	Good	C	Poplar

sample_id	ground_cov	note1	note2	dupe_of_id	pgid	mple_pt	e_pho	Sample	mo_ppı	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm
1345152	Sphagnum Moss < 30cm			0	1	51	52	1345152	1.3	30	10.1	59	0.2	40.2	10.9
1346285	Thin Moss Cover	Coarse		0	3	66	67	1346285	1.2	52.8	12.9	99	0.1	42.2	13.1
1345010	Sphagnum Moss < 30cm	Sandy		0	2	42	43	1345010	1.8	31.2	13.8	84	0.2	34.9	12.9
1346284	Thin Moss Cover	Coarse		0	5	64	65	1346284	0.1	31.9	4.8	92	0.05	198.4	20.8
1345156	Sphagnum Moss > 30cm			0	4	59	60	1345156	0.6	107.7	3	151	0.05	247.9	31.4
1345154	Thin Moss Cover			0	8	55	56	1345154	1.4	47	9	69	0.1	77.2	12.7
1345157	Thin Moss Cover			0	6	61	62	1345157	2	48.1	7.7	79	0.2	146.3	17.8
1346283	Thin Moss Cover	Coarse		0	7	62	63	1346283	0.9	29.4	16.3	81	0.05	42.9	15.3
1346281	Leaf Cover	Coarse		0	11	58	59	1346281	0.7	17.4	11.4	52	0.05	22.6	9.4
1346282	Leaf Cover	Coarse		0	10	60	61	1346282	1.3	23.4	11.9	55	0.05	21.3	8.4
1345155	Leaf Cover			0	9	57	58	1345155	1.4	45.7	8.1	73	0.2	83.8	12.4
1345197	Thin Moss Cover			0	20	43	44	1345197	0.7	28	8.6	79	0.05	34.6	17.9
1345200	Leaf Cover			0	12	49	50	1345200	1.3	23.1	8	64	0.05	25.8	12.2
1345153	Leaf Cover			0	14	53	54	1345153	2.4	44.9	13.8	93	0.1	54.7	11.7
1346280	Leaf Cover	Coarse		0	13	56	57	1346280	0.6	28.1	14.5	84	0.05	37.9	14.9
1346279	Leaf Cover	Coarse		0	15	54	55	1346279	0.7	34.9	11.9	68	0.05	49.8	17.2
1345195	Thin Moss Cover			0	16	39	40	1345195	1.6	36.1	10.2	64	0.05	32.6	15.4
1345196	Sphagnum Moss < 30cm			0	17	41	42	1345196	0.7	26.6	19.1	102	0.2	28.5	12
1345199	Thin Moss Cover			0	18	47	48	1345199	1	33.7	9.8	65	0.2	41.1	13.4
1345198	Thin Moss Cover			0	19	45	46	1345198	0.8	40.4	125.8	1633	1.3	63	24.1
1345194	Leaf Cover			0	21	37	38	1345194	0.7	23.5	8.7	76	0.05	33.9	19.2
1345193	Leaf Cover			0	22	35	36	1345193	1.1	17	10.9	89	0.1	28	13.7
1345192	Thin Moss Cover			0	23	33	34	1345192	1.3	15.2	15.4	67	0.1	27	14.3
1345191	Leaf Cover			0	24	31	32	1345191	1	25.9	17.5	79	0.05	26.4	13
1345183	Thin Moss Cover			0	32	15	16	1345183	1.5	43.5	37.5	126	0.4	31	13.2
1345189	Thin Moss Cover			0	25	27	28	1345189	0.6	32.2	16.3	80	0.05	33.1	10.7
1345188	Thin Moss Cover			0	27	25	26	1345188	0.9	72	13.3	132	0.05	34.4	14.7
1345190	Thin Moss Cover			0	26	29	30	1345190	0.8	38.7	39.5	148	0.1	26.8	15.8
1345186	Thin Moss Cover			0	29	21	22	1345186	0.5	19.7	8.4	89	0.05	23.3	9
1345187	Thin Moss Cover			0	28	23	24	1345187	0.3	31.5	16.9	85	0.05	51.9	21.6
1345184	Thin Moss Cover			0	31	17	18	1345184	1.1	40.9	82	220	0.8	30.5	14.3
1345185	Thin Moss Cover			0	30	19	20	1345185	0.7	28.7	16.6	76	0.2	29.4	12.8
1346276	Leaf Cover	Coarse		0	35	48	49	1346276	0.6	24.3	11.5	63	0.05	27.1	10.7
1345181	Thin Moss Cover			0	34	11	12	1345181	0.5	20.6	5.3	94	0.1	15.7	18
1346275	Leaf Cover	Coarse		1346274	33	46	47	1346275	2.7	60.5	9	144	0.1	54	12.8
1346277	Leaf Cover	Coarse		0	36	50	51	1346277	0.5	26.1	14.9	75	0.05	29.4	12.5
1345182	Thin Moss Cover			0	37	13	14	1345182	2.3	38.5	23.7	89	0.3	38.3	15.9
1346278	Leaf Cover	Coarse		0	38	52	53	1346278	0.6	32.4	14.6	78	0.05	39.3	14.4
1345179	Thin Moss Cover			0	39	7	8	1345179	1.4	35.1	21	103	0.3	30.3	13.3
1345180	Leaf Cover			0	40	9	10	1345180	1.1	31	7.9	111	0.1	25.1	17.8
1345176	Thin Moss Cover			0	41	1	2	1345176	1.8	78.7	772.5	482	0.8	14.3	12.2
1346274	Leaf Cover	Coarse		0	42	44	45	1346274	2.5	63.9	8.7	140	0.2	55.8	12.1

sample_id	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct
1345152	415	2.53	6.6	2	0.25	3.5	44	0.2	0.4	0.2	51	0.57	0.047	17	48	0.65	463	0.07	0.5	1.71
1346285	827	3.46	8.2	0.9	3.2	4.6	23	0.1	0.6	0.2	70	0.26	0.034	18	43	0.67	418	0.083	0.5	1.81
1345010	569	3.11	46.5	1	6.9	3.8	22	0.05	1.6	0.7	57	0.45	0.048	12	70	0.93	255	0.068	0.5	1.45
1346284	342	3.86	53.3	0.6	4.4	6.9	14	0.05	0.3	0.05	108	0.45	0.035	17	193	2.66	596	0.205	0.5	2.88
1345156	531	5.93	0.9	0.4	5.4	1.1	25	0.05	0.1	0.05	114	1.07	0.327	17	224	2.44	394	0.199	0.5	3.69
1345154	385	2.72	4.3	1	9.5	3.5	24	0.05	0.3	0.2	55	0.38	0.045	14	74	0.86	605	0.084	1	1.51
1345157	655	3.13	2.5	1.2	1.5	3.9	21	0.2	0.2	0.1	66	0.36	0.057	13	177	1.27	558	0.083	0.5	1.76
1346283	249	4.05	3.4	0.9	0.25	14.9	5	0.1	0.2	0.2	48	0.05	0.022	31	49	0.97	178	0.155	0.5	2.78
1346281	184	3.04	4.8	0.7	0.25	7.9	10	0.05	0.3	0.2	44	0.12	0.022	23	30	0.59	113	0.13	0.5	1.72
1346282	283	3.28	7.1	0.6	0.5	5.1	13	0.05	0.4	0.3	71	0.13	0.03	16	37	0.55	124	0.119	1	1.79
1345155	535	3.01	6.5	1.1	1.8	4.8	26	0.1	0.3	0.2	60	0.38	0.045	18	79	1.06	526	0.111	2	1.69
1345197	592	4.21	46.7	0.4	1	4.3	14	0.05	5	0.2	87	0.31	0.039	12	108	1.87	276	0.113	0.5	2.77
1345200	596	3.19	5	1	1.2	3.8	28	0.05	0.3	0.1	59	0.44	0.054	14	42	0.84	399	0.074	1	1.62
1345153	331	3.1	6.9	2.1	2.9	4.8	30	0.05	0.3	0.2	60	0.35	0.043	18	65	0.73	740	0.08	2	1.74
1346280	315	4.05	3.2	1.3	0.25	15.6	14	0.05	0.2	0.3	53	0.19	0.035	48	51	0.92	152	0.21	0.5	2.33
1346279	283	3.6	7.2	1.5	8.7	10.3	25	0.05	0.4	0.2	76	0.37	0.048	44	71	1.21	256	0.154	0.5	2.52
1345195	612	3.35	11.7	1.9	4	4.9	42	0.2	1	0.05	64	1.04	0.04	21	66	1.03	392	0.121	3	1.91
1345196	398	2.68	35.6	1.6	4.9	5.1	29	0.2	1.8	0.2	53	0.49	0.061	17	57	0.96	338	0.112	1	1.75
1345199	610	3.02	9.4	1.6	1.5	3.3	36	0.4	0.9	0.2	59	0.73	0.063	18	46	0.78	438	0.051	2	1.69
1345198	1461	6.3	280.5	0.7	30.4	8.9	16	5.9	7	1.7	96	0.47	0.055	28	184	2.74	388	0.094	0.5	3.7
1345194	550	4.09	6.2	0.5	1.7	5.4	32	0.05	0.5	0.05	106	0.65	0.047	7	133	1.96	282	0.275	1	2.81
1345193	612	3.32	7.9	0.9	2.6	6.8	21	0.1	1	0.1	68	0.35	0.037	19	76	1.18	378	0.112	0.5	1.98
1345192	590	3.55	15.5	0.8	0.9	7.8	17	0.05	0.7	0.1	67	0.27	0.025	24	65	1.14	354	0.121	0.5	2.03
1345191	448	3.92	8.7	1.1	0.8	15.3	12	0.05	0.5	0.2	48	0.14	0.027	44	45	0.89	182	0.15	1	1.98
1345183	673	3.39	65.4	1.2	4.6	4.2	32	0.4	3.2	2.3	63	0.64	0.057	16	60	0.96	500	0.048	3	1.74
1345189	335	3.64	17	1.5	1.7	17.8	15	0.05	0.8	0.2	38	0.16	0.023	59	38	0.79	276	0.096	0.5	1.75
1345188	390	3.85	20.6	0.9	0.8	12.2	13	0.05	1.1	0.1	65	0.27	0.033	42	87	1.38	538	0.14	1	2.2
1345190	1122	4.16	57.3	1.4	0.9	20.5	10	0.3	1.7	0.3	39	0.24	0.054	61	31	0.67	357	0.063	1	1.32
1345186	375	2.78	10.7	0.7	0.7	10.8	11	0.05	2.3	0.05	38	0.17	0.017	44	41	1.23	451	0.157	0.5	2.04
1345187	522	4.17	15.7	0.3	0.25	3.2	24	0.05	1.4	0.1	92	0.36	0.023	6	153	2.17	337	0.273	0.5	3.13
1345184	762	3.44	180.2	1	9.9	4.8	31	1.3	7	1.4	60	0.61	0.06	18	62	0.99	427	0.043	2	1.8
1345185	555	3.26	90	0.7	2.5	6.2	24	0.05	4.5	0.2	61	0.38	0.038	19	65	1.01	296	0.092	1	1.85
1346276	381	2.92	6	1.6	2.2	9.3	27	0.05	0.4	0.2	50	0.39	0.049	28	37	0.6	258	0.139	2	1.63
1345181	652	5.11	3	0.7	0.8	4.3	19	0.05	0.4	0.1	91	0.58	0.068	16	25	1.53	364	0.073	2	2.75
1346275	522	3.59	1.5	1.2	3.2	6.2	31	0.3	0.1	0.2	106	0.37	0.084	24	74	1.41	723	0.097	0.5	2.38
1346277	384	3.13	3.2	1.6	0.8	16.4	15	0.05	0.2	0.3	37	0.24	0.056	48	32	0.84	188	0.149	0.5	1.64
1345182	744	3.9	24.8	1.2	5.7	12.4	23	0.4	4.1	0.7	54	0.47	0.062	35	60	1.07	261	0.05	2	1.98
1346278	406	3.37	5.4	1.5	2.2	14	22	0.05	0.4	0.2	50	0.32	0.042	41	43	0.75	256	0.152	0.5	2.01
1345179	726	3.95	2.6	1.4	1.3	5.8	25	0.4	0.2	0.2	49	0.46	0.071	18	46	0.85	411	0.027	1	1.56
1345180	900	5.49	1.6	1.3	2.6	6.3	17	0.2	0.2	0.1	57	0.41	0.067	21	65	1.22	576	0.067	2	2.28
1345176	796	5.68	5.3	1.2	2.5	4.6	16	0.5	0.5	0.3	66	0.36	0.082	17	26	1.29	632	0.144	0.5	2.21
1346274	552	4.03	1.3	1.5	0.25	4.9	29	0.4	0.05	0.2	131	0.38	0.108	21	107	1.73	1111	0.128	0.5	2.69

sample_id	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_pp	se_ppm	te_ppn	FileCreate	ShipmentID	Received	JobNumber
1345152	0.024	0.07	0.1	0.03	5.1	0.05	0.025	5	0.9	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346285	0.013	0.12	0.1	0.08	7.5	0.2	0.025	5	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345010	0.009	0.16	0.2	0.03	5.2	0.2	0.025	5	1	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346284	0.006	0.64	0.05	0.03	12	0.6	0.025	11	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345156	0.025	1.47	0.05	0.01	10.6	0.2	0.025	12	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345154	0.018	0.25	0.05	0.01	5.7	0.05	0.025	5	1.2	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345157	0.01	0.23	0.05	0.005	7.1	0.1	0.025	6	1	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346283	0.008	0.73	0.05	0.02	5.3	0.5	0.025	8	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346281	0.008	0.32	0.05	0.005	3.3	0.2	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346282	0.008	0.18	0.1	0.01	3.2	0.1	0.025	8	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345155	0.019	0.26	0.05	0.02	7.1	0.2	0.025	6	1.2	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345197	0.009	0.31	0.05	0.005	7.8	0.1	0.025	9	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345200	0.015	0.13	0.05	0.29	7.6	0.05	0.025	6	0.7	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345153	0.018	0.11	0.1	0.02	5.8	0.1	0.025	5	1	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346280	0.009	0.69	0.05	0.01	5.7	0.5	0.025	8	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346279	0.013	0.31	0.1	0.02	8.2	0.3	0.025	8	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345195	0.02	0.28	1.1	0.05	6.2	0.1	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345196	0.017	0.27	0.2	0.15	5.4	0.2	0.025	5	0.7	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345199	0.017	0.08	0.1	0.12	7.8	0.05	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345198	0.009	0.29	0.1	0.02	12.8	0.2	0.025	11	0.6	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345194	0.011	0.56	0.8	0.005	5.9	0.3	0.025	10	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345193	0.013	0.49	0.9	0.03	7.9	0.3	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345192	0.014	0.47	0.1	0.005	6.8	0.3	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345191	0.008	0.59	0.05	0.005	4.8	0.4	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345183	0.013	0.1	0.1	0.03	7.6	0.1	0.025	6	0.7	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345189	0.009	0.32	0.05	0.005	5.1	0.2	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345188	0.008	0.52	0.05	0.005	7.5	0.3	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345190	0.009	0.48	0.05	0.07	8.8	0.4	0.025	5	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345186	0.008	0.44	0.05	0.005	4.6	0.3	0.025	7	0.5	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345187	0.011	0.45	0.05	0.01	5.1	0.2	0.025	9	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345184	0.012	0.13	0.1	0.06	7.7	0.1	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345185	0.016	0.09	0.1	0.02	6.6	0.1	0.025	5	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346276	0.014	0.29	0.1	0.03	5.1	0.2	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345181	0.013	0.36	0.05	0.12	14.8	0.05	0.025	11	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346275	0.015	0.51	0.1	0.03	7.2	0.3	0.15	8	1.5	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346277	0.01	0.62	0.05	0.03	5	0.5	0.025	6	0.7	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345182	0.014	0.28	0.05	0.03	8.4	0.2	0.025	8	0.25	0.2	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346278	0.013	0.46	0.1	0.02	6.3	0.4	0.025	6	0.7	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345179	0.01	0.23	0.05	0.05	11.9	0.1	0.025	6	1.4	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345180	0.014	0.38	0.05	0.01	17.1	0.2	0.025	9	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345176	0.014	0.75	0.05	0.11	13.1	0.6	0.07	8	1.3	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346274	0.029	0.83	0.1	0.02	9.8	0.3	0.21	9	1.8	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048

sample_id	project	technic	utm_	utm_eastin	utm_northi	date	method	colour	texture	moisture	site_slope	depth	quality	horizon	site_veget
1345178	CAL	CP01	7	523389	7104384	20140708	Hand Auger	Dark Brown	Gravel	Damp	Pronounced Slope	50	Good	C	White Spruce
1345177	CAL	CP01	7	523349	7104412	20140708	Hand Auger	Dark Brown	Gravel	Dry	Pronounced Slope	80	Excellent	C	White Spruce
1346273	CAL	RF01	7	524206	7104808	20140708	Hand Auger	Reddish Brown	Sand	Dry	Subtle Slope	80	Excellent	C	Poplar
1346272	CAL	RF01	7	524247	7104779	20140708	Hand Auger	Light Brown	Sand	Dry	Subtle Slope	70	Excellent	C	Poplar
1346271	CAL	RF01	7	523942	7104858	20140708	Hand Auger	Reddish Yellow	Sand	Dry	Subtle Slope	80	Excellent	C	Poplar
1346269	CAL	RF01	7	524024	7104802	20140708	Hand Auger	Reddish Yellow	Sand	Dry	Subtle Slope	80	Excellent	C	Poplar
1346264	CAL	RF01	7	524139	7104612	20140708	Hand Auger	Chocolate Brown	Sand	Dry	Pronounced Slope	50	Good	B	Poplar
1346270	CAL	RF01	7	523985	7104832	20140708	Hand Auger	Chocolate Brown	Sand	Dry	Subtle Slope	60	Good	C	Poplar
1346266	CAL	RF01	7	524152	7104722	20140708	Hand Auger	Chocolate Brown	Sand	Dry	Subtle Slope	70	Good	C	Black Spruce
1346268	CAL	RF01	7	524065	7104779	20140708	Hand Auger	Grey	Sand	Dry	Subtle Slope	70	Good	C	Birch Forest
1346261	CAL	RF01	7	524011	7104697	20140708	Hand Auger	Light Brown	Sand	Dry	Subtle Slope	80	Excellent	C	Black Spruce
1346265	CAL	RF01	7	524193	7104695	20140708	Hand Auger	Dark Brown	Clay	Damp	Subtle Slope	60	Poor	B	Black Spruce
1346267	CAL	RF01	7	524110	7104750	20140708	Hand Auger	Chocolate Brown	Sand	Dry	Subtle Slope	60	Excellent	C	Poplar
1346262	CAL	RF01	7	524052	7104666	20140708	Hand Auger	Dark Brown	Sand	Damp	Subtle Slope	40	Poor	B	Black Spruce
1346263	CAL	RF01	7	524096	7104640	20140708	Hand Auger	Light Brown	Sand	Dry	Subtle Slope	60	Good	C	Black Spruce
1346257	CAL	RF01	7	523843	7104804	20140708	Hand Auger	Light Brown	Sand	Dry	Subtle Slope	90	Excellent	C	Birch Forest
1346258	CAL	RF01	7	523886	7104777	20140708	Hand Auger	Chocolate Brown	Clay	Dry	Subtle Slope	90	Excellent	C	Birch Forest
1346259	CAL	RF01	7	523928	7104750	20140708	Hand Auger	Chocolate Brown	Sand	Dry	Subtle Slope	70	Good	C	Birch Forest
1346260	CAL	RF01	7	523969	7104722	20140708	Hand Auger	Chocolate Brown	Sand	Dry	Subtle Slope	70	Good	C	Poplar
1346256	CAL	RF01	7	523803	7104833	20140708	Hand Auger	Reddish Brown	Sand	Dry	Subtle Slope	80	Excellent	C	Birch Forest
1345020	CAL	FL01	7	523581	7104857	20140708	Hand Auger	Reddish Yellow	Sand	Damp	Flat	50	Excellent	C	Subalpine Fir
1347067	CAL	JM04	7	523472	7104690	20140708	Hand Auger	Grey	Sand	Damp	Subtle Slope	40	Good	C	Black Spruce
1345016	CAL	FL01	7	523749	7104746	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	50	Good	C	Black Spruce
1347066	CAL	JM04	7	523513	7104662	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	30	Good	B	Poplar
1346255	CAL	RF01	7	523762	7104861	20140708	Hand Auger	Reddish Brown	Sand	Dry	Subtle Slope	50	Good	C	Black Spruce
1346252	CAL	RF01	7	523636	7104940	20140708	Hand Auger	Light Brown	Clay	Dry	Subtle Slope	70	Good	C	Willows
1345017	CAL	FL01	7	523706	7104776	20140708	Hand Auger	Reddish Yellow	Sand	Damp	Pronounced Slope	60	Good	C	Black Spruce
1345019	CAL	FL01	7	523623	7104830	20140708	Hand Auger	Reddish Yellow	Sand	Damp	Subtle Slope	60	Excellent	C	Poplar
1346253	CAL	RF01	7	523675	7104915	20140708	Hand Auger	Reddish Brown	Sand	Dry	Subtle Slope	50	Excellent	C	Black Spruce
1345012	CAL	FL01	7	523916	7104640	20140708	Hand Auger	Chocolate Brown	Silt	Damp	Pronounced Slope	50	Good	B	Alders
1346254	CAL	RF01	7	523717	7104885	20140708	Hand Auger	Reddish Brown	Sand	Dry	Subtle Slope	60	Excellent	C	Black Spruce
1345015	CAL	FL01	7	523790	7104721	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	50	Good	C	Black Spruce
1345018	CAL	FL01	7	523666	7104802	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	60	Good	C	Black Spruce
1345013	CAL	FL01	7	523874	7104664	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	50	Good	C	Willows
1345014	CAL	FL01	7	523832	7104692	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	50	Good	C	Poplar
1345009	CAL	FL01	7	524084	7104529	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	60	Good	C	Alders
1345011	CAL	FL01	7	523959	7104610	20140708	Hand Auger	Dark Brown	Silt	Damp	Pronounced Slope	50	Poor	B	Black Spruce
1345004	CAL	FL01	7	524296	7104390	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	40	Good	C	Poplar
1345005	CAL	FL01	7	524253	7104418	20140708	Hand Auger	Dark Brown	Silt	Damp	Pronounced Slope	40	Poor	B	Willows
1345008	CAL	FL01	7	524124	7104500	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	40	Good	C	Willows
1345006	CAL	FL01	7	524209	7104446	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	40	Good	C	Black Spruce
1345007	CAL	FL01	7	524168	7104473	20140708	Hand Auger	Dark Brown	Sand	Wet	Pronounced Slope	60	Poor	C	Willows
1345003	CAL	FL01	7	524336	7104365	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	40	Good	C	Poplar

sample_id	ground_cov	note1	note2	dupe_of_id	pgid	mple_pte_pho	Sample	mo_ppi	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm
1345178	Sphagnum Moss > 30cm			0	43	5	6	1345178	1.7	32.7	8.3	68	0.2	59.8	19.9
1345177	Thin Moss Cover			0	44	3	4	1345177	1.3	31.4	15.5	65	0.2	57.8	11.1
1346273	Leaf Cover	Coarse		0	45	42	43	1346273	0.9	76.5	15.3	86	0.05	86.3	20
1346272	Thin Moss Cover	Coarse		0	46	40	41	1346272	0.7	71.7	11.1	79	0.05	77.4	25.2
1346271	Thin Moss Cover	Coarse		0	47	38	39	1346271	0.6	31.5	19.5	117	0.05	76.9	31.6
1346269	Leaf Cover	Fine		0	48	36	37	1346269	1.6	57.3	14.3	132	0.05	88.9	31.3
1346264	Thin Moss Cover	Coarse	Organic 10%	0	54	26	27	1346264	1.6	23.6	38.4	98	0.1	34.7	11.2
1346270	Leaf Cover	Coarse		0	49	0	0	1346270	0.4	22.6	8.6	63	0.05	57.7	12.3
1346266	Thin Moss Cover	Coarse		0	51	30	31	1346266	0.4	76.1	11	81	0.05	79.2	21.1
1346268	Leaf Cover	Coarse		0	50	34	35	1346268	2.3	60.1	13.3	184	0.6	52.3	14.2
1346261	Thin Moss Cover	Coarse		0	57	20	21	1346261	2.7	87.9	10.8	86	0.05	81.2	24.2
1346265	Thin Moss Cover	Organic 10%	Partially Frozen	0	53	28	29	1346265	0.7	26.3	8.8	69	0.1	38.6	11.1
1346267	Thin Moss Cover	Coarse		0	52	32	33	1346267	1.2	61.3	10.7	89	0.1	123.4	18.5
1346262	Sphagnum Moss < 30cm	Coarse	Partially Frozen	0	56	22	23	1346262	1.4	25.2	7	61	0.1	59.6	8.8
1346263	Sphagnum Moss < 30cm	Coarse	Quartz Chips	0	55	24	25	1346263	1.6	35.9	9.2	68	0.1	59.2	13.6
1346257	Thin Moss Cover	Coarse		0	61	12	13	1346257	0.8	31	11.4	74	0.05	38.2	13.7
1346258	Thin Moss Cover	Coarse		0	60	14	15	1346258	2.1	75.9	10.4	139	0.2	474.3	30.6
1346259	Thin Moss Cover	Coarse		0	59	16	17	1346259	0.8	28.3	8	62	0.05	105.4	10.5
1346260	Thin Moss Cover	Coarse		0	58	18	19	1346260	1.6	80.7	7.6	82	0.05	42.5	15.1
1346256	Thin Moss Cover	Coarse	Quartz Chips	0	62	10	11	1346256	0.4	30.4	14.4	89	0.05	45.9	18
1345020	Burnt Moss	Rocky		0	65	62	63	1345020	0.5	34.4	16.1	97	0.05	39.3	15.3
1347067	Sphagnum Moss < 30cm			0	63	64	65	1347067	3.2	46.5	12	81	0.3	32.1	5.8
1345016	Burnt Moss	Sandy		0	66	54	55	1345016	0.8	22.7	10.2	52	0.05	76.4	12.1
1347066	Leaf Cover			0	68	62	63	1347066	1.3	26.9	14.7	104	0.5	30.1	13.1
1346255	Thin Moss Cover	Coarse		0	67	8	9	1346255	0.6	26.8	20	82	0.05	34.9	15.6
1346252	Thin Moss Cover	Fine	Rusty Rock Chip	0	69	2	3	1346252	0.4	30.2	7.9	47	0.05	426.1	33.1
1345017	Burnt Moss	Rocky		0	70	56	57	1345017	1.2	44	9.5	94	0.05	211.2	19.1
1345019	Burnt Moss	Sandy		0	71	60	61	1345019	0.3	30.3	15.8	92	0.05	32.8	14.5
1346253	Thin Moss Cover	Coarse		0	72	4	5	1346253	0.6	27.2	22.1	91	0.05	43.7	18.8
1345012	Sphagnum Moss < 30cm	Sandy	Rusty Rock Chip	0	78	46	47	1345012	2.4	31.2	10	61	0.2	44.2	10.1
1346254	Thin Moss Cover	Coarse		0	73	6	7	1346254	0.4	31.1	20.8	89	0.05	34.1	14.6
1345015	Burnt Moss	Rocky		0	75	52	53	1345015	1.2	24.6	9.1	63	0.1	72	11.1
1345018	Sphagnum Moss < 30cm	Sandy		0	74	58	59	1345018	1	36.1	12.6	93	0.05	51.7	12.9
1345013	Sphagnum Moss < 30cm	Organic 10%		0	77	48	49	1345013	2	37.1	9.4	71	0.2	77.5	15.3
1345014	Leaf Cover	Rocky		0	76	50	51	1345014	1.2	37.4	4.7	96	0.05	98.2	17
1345009	Sphagnum Moss < 30cm	Organic 25%		0	80	40	41	1345009	1.4	27.4	14.4	68	0.2	33.8	11.4
1345011	Sphagnum Moss < 30cm	Organic 50%		0	79	44	45	1345011	2.1	26.5	9.1	61	0.2	41.8	9.2
1345004	Sphagnum Moss < 30cm	Rocky		0	85	30	31	1345004	0.8	16.3	10.7	76	0.05	41.9	14.3
1345005	Sphagnum Moss < 30cm	Frozen		0	84	32	33	1345005	0.7	25.7	20.7	80	0.2	44.2	11.8
1345008	Sphagnum Moss < 30cm	Rocky	Organic 25%	0	81	38	39	1345008	1.2	26.2	28.5	103	0.1	45	13.7
1345006	Burnt Moss	Rocky		0	83	34	35	1345006	1.3	27.1	32.5	110	0.2	39.3	15.1
1345007	Sphagnum Moss < 30cm	Frozen	Organic 50%	0	82	36	37	1345007	1.4	29.8	19.7	81	0.3	38.6	11.8
1345003	Sphagnum Moss < 30cm	Rocky		0	86	28	29	1345003	0.9	22.7	7.7	71	0.05	30.7	16.7

sample_id	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct
1345178	1858	2.86	8.2	1.6	3.7	2.6	55	0.3	0.6	0.2	48	0.94	0.063	15	53	0.69	694	0.058	2	1.42
1345177	499	2.58	5.8	1	2.1	3.4	26	0.2	0.2	0.2	48	0.49	0.059	14	66	0.6	558	0.043	2	1.18
1346273	1106	2.61	2	0.6	4.2	5.5	12	0.1	0.1	0.2	61	0.23	0.042	18	64	1.75	765	0.102	1	2.14
1346272	1050	2.46	2.9	0.7	10.5	4.7	12	0.1	0.2	0.1	53	0.27	0.031	15	49	1.19	660	0.089	0.5	1.66
1346271	1089	5.49	1.5	1.3	0.25	10.5	33	0.05	0.2	0.2	80	0.7	0.177	42	85	2.21	575	0.254	0.5	3.64
1346269	907	4.66	1	2.4	1.7	14.3	42	0.05	0.1	0.5	71	1	0.34	78	85	1.99	257	0.185	0.5	2.56
1346264	394	3.13	41.8	0.7	2.9	3.9	21	0.3	1.5	0.4	72	0.17	0.019	13	70	0.79	228	0.067	1	2.28
1346270	311	2.92	6.3	1	3.7	7.5	18	0.05	0.1	0.2	45	0.27	0.045	27	77	0.83	162	0.112	0.5	1.55
1346266	2787	2.72	1.7	0.6	7.6	6.1	27	0.3	0.1	0.1	73	0.57	0.041	18	55	2.93	571	0.131	1	2.5
1346268	426	3.49	5.4	2.2	4.2	12.8	42	0.8	0.4	0.3	46	0.48	0.126	42	32	0.7	227	0.097	2	1.33
1346261	2268	2.66	1.1	0.6	6	5.5	14	0.2	0.1	0.1	71	0.41	0.05	22	51	2.68	1003	0.101	0.5	2.44
1346265	249	2.46	5.4	1.2	5.2	3.4	45	0.4	0.4	0.2	46	0.99	0.048	14	36	0.66	440	0.072	1	1.41
1346267	498	3.87	3.8	1.4	5.8	7.8	21	0.1	0.1	0.2	82	0.41	0.033	24	128	2	762	0.158	0.5	2.65
1346262	299	2.09	3.3	1.4	5.7	2.7	31	0.2	0.3	0.1	41	0.63	0.056	14	72	0.81	393	0.065	1	1.4
1346263	283	3.16	7.4	1.2	3.7	4.3	29	0.3	0.5	0.2	55	0.47	0.056	15	61	0.77	411	0.083	1	1.47
1346257	428	3.45	5.5	1.3	0.25	10.6	18	0.05	0.3	0.2	45	0.24	0.05	29	46	0.77	249	0.122	0.5	1.73
1346258	1327	3.73	8.7	1	4.5	4.3	23	0.6	0.3	0.1	79	0.35	0.058	9	249	2.2	563	0.057	0.5	2.01
1346259	319	2.53	7.7	0.9	7.6	5.2	21	0.2	0.6	0.2	47	0.33	0.06	17	81	0.68	246	0.067	0.5	1.17
1346260	313	3.82	1.7	0.8	0.25	3.2	11	0.1	0.1	0.2	91	0.2	0.039	11	54	1.47	847	0.145	0.5	2.26
1346256	462	4.1	1.8	1.9	1.2	16.5	19	0.05	0.2	0.2	48	0.38	0.085	44	44	1.17	242	0.153	0.5	2.13
1345020	273	3.91	2	1.3	2.8	18.1	12	0.05	0.1	0.3	53	0.15	0.031	72	51	1.03	184	0.193	0.5	2.48
1347067	184	2.55	7.4	0.9	1.4	2.5	32	0.2	0.3	0.2	47	0.12	0.057	5	32	0.21	562	0.018	0.5	0.99
1345016	304	2.72	5.8	0.7	7.3	5.8	13	0.05	0.3	0.2	45	0.15	0.028	16	68	0.64	167	0.077	0.5	1.4
1347066	1201	3.25	6	0.8	1.5	5.2	19	0.5	0.3	0.2	66	0.18	0.064	18	41	0.5	366	0.089	0.5	1.79
1346255	785	4.34	2.1	1.8	1.2	20.1	13	0.05	0.2	0.2	46	0.22	0.057	54	40	0.73	228	0.183	0.5	2
1346252	690	3.1	6.9	0.4	3.6	3.7	18	0.05	0.4	0.1	47	0.26	0.031	13	451	2.19	239	0.049	0.5	1.76
1345017	385	3.58	3.9	2.1	4.4	9.5	15	0.1	0.2	0.2	60	0.18	0.032	38	113	1.08	267	0.114	0.5	1.72
1345019	347	3.82	1	1.7	7.6	18.6	11	0.05	0.05	0.3	32	0.2	0.039	61	29	0.86	192	0.117	0.5	1.84
1346253	445	4.54	1.5	2.5	0.25	26.2	8	0.05	0.1	0.3	41	0.06	0.026	80	43	0.95	166	0.202	0.5	2.49
1345012	165	2.38	6.9	3.4	2.3	3.4	29	0.3	0.4	0.1	54	0.48	0.048	15	49	0.59	483	0.064	0.5	1.41
1346254	342	4.44	2.5	1.8	0.25	22.9	7	0.05	0.2	0.3	46	0.07	0.019	67	42	0.79	168	0.204	0.5	2.22
1345015	299	2.69	5.5	0.8	1.2	4.9	15	0.1	0.4	0.1	41	0.17	0.031	14	69	0.65	295	0.072	0.5	1.36
1345018	377	3.42	5.4	1.4	6	9.8	17	0.1	0.5	0.3	54	0.19	0.042	31	61	0.82	206	0.098	0.5	1.87
1345013	365	2.72	6.5	3.1	2.6	4.3	33	0.3	0.5	0.1	54	0.52	0.057	17	66	0.71	608	0.074	1	1.61
1345014	404	3.63	2	1.1	2.7	2.3	19	0.4	0.2	0.05	64	0.64	0.175	10	99	1.43	524	0.115	0.5	1.85
1345009	496	2.69	27.5	1.6	6.3	3.2	25	0.05	1.1	0.3	51	0.49	0.051	13	61	0.75	245	0.06	0.5	1.46
1345011	308	2.56	5.1	3.2	1	2.6	39	0.3	0.3	0.1	48	0.8	0.045	11	51	0.69	382	0.059	1	1.52
1345004	381	3.98	7.9	0.5	0.9	6.5	13	0.05	0.5	0.05	65	0.14	0.021	17	85	1.28	185	0.188	0.5	2.49
1345005	523	2.44	30.6	2.4	7.7	4.9	30	0.2	0.9	0.2	43	0.66	0.059	19	59	0.85	312	0.079	1	1.47
1345008	579	3.18	82.4	0.9	6.7	3.4	22	0.3	2	0.4	59	0.5	0.049	9	104	1.18	273	0.097	1	1.71
1345006	563	3.63	224.3	1.1	13.4	7.3	19	0.3	4.5	0.2	64	0.42	0.084	20	105	1.25	485	0.11	0.5	1.93
1345007	510	2.97	49.7	1.5	8.6	3.3	32	0.3	1.5	0.3	57	0.66	0.046	13	70	0.96	324	0.077	0.5	1.8
1345003	483	4	5.6	0.4	2.4	5.5	15	0.05	0.2	0.05	93	0.22	0.03	11	74	1.56	357	0.242	0.5	2.43

sample_id	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_pp	se_ppm	te_ppn	FileCreate	ShipmentID	Received	JobNumber
1345178	0.02	0.09	0.1	0.03	4.7	0.05	0.05	4	1.1	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345177	0.011	0.09	0.2	0.06	5.5	0.05	0.025	4	0.6	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346273	0.009	0.51	0.1	0.02	7.6	0.3	0.025	8	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346272	0.013	0.35	0.05	0.03	6	0.2	0.025	6	0.7	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346271	0.022	1.48	0.05	0.01	10.6	0.7	0.025	14	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346269	0.02	0.92	0.05	0.01	7.9	0.5	0.025	10	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346264	0.01	0.07	0.1	0.02	5.1	0.1	0.025	7	0.5	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346270	0.009	0.28	0.1	0.05	4.1	0.2	0.025	5	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346266	0.011	0.24	0.1	0.02	8.4	0.2	0.025	10	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346268	0.01	0.51	0.1	0.04	5	0.3	0.025	5	0.9	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346261	0.009	0.52	0.05	0.02	9.3	0.3	0.025	9	0.6	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346265	0.019	0.12	0.1	0.02	4.2	0.2	0.07	5	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346267	0.013	0.39	0.05	0.02	9.4	0.3	0.025	9	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346262	0.012	0.11	0.1	0.04	4.3	0.1	0.07	5	3	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346263	0.014	0.18	0.05	0.03	5.5	0.1	0.025	5	0.6	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346257	0.012	0.39	0.1	0.02	5.9	0.3	0.025	6	0.9	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346258	0.009	0.24	0.05	0.02	9.2	0.2	0.025	6	0.8	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346259	0.015	0.1	0.2	0.03	4.8	0.05	0.025	4	0.7	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346260	0.009	0.67	0.05	0.005	7.7	0.2	0.025	8	0.8	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346256	0.01	0.64	0.05	0.02	7	0.4	0.025	9	0.7	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345020	0.011	0.73	0.05	0.005	6.8	0.6	0.025	9	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1347067	0.006	0.16	0.2	0.005	2.6	0.2	0.16	3	3.6	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345016	0.01	0.09	0.1	0.02	3.4	0.1	0.025	5	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1347066	0.009	0.19	0.1	0.02	3.9	0.2	0.025	8	0.9	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346255	0.007	0.69	0.1	0.01	6.9	0.5	0.025	8	0.8	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346252	0.01	0.04	0.05	0.03	7.2	0.1	0.025	5	0.7	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345017	0.01	0.21	0.05	0.005	6.7	0.2	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345019	0.009	0.73	0.05	0.005	7	0.5	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346253	0.007	0.87	0.1	0.02	7.7	0.6	0.025	8	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345012	0.013	0.08	0.1	0.04	4.6	0.05	0.025	4	3.6	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1346254	0.008	0.75	0.2	0.005	7.1	0.7	0.025	9	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345015	0.011	0.11	0.05	0.02	3.5	0.2	0.025	4	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345018	0.01	0.25	0.1	0.05	6.7	0.2	0.025	6	0.8	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345013	0.015	0.09	0.05	0.04	5.5	0.05	0.05	5	2.3	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345014	0.012	0.33	0.05	0.01	7.7	0.2	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345009	0.012	0.11	0.2	0.03	5.1	0.05	0.025	5	1.1	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345011	0.015	0.08	0.1	0.06	4.3	0.05	0.08	5	3.1	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345004	0.009	0.41	0.1	0.02	3.6	0.3	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345005	0.013	0.21	0.2	0.03	4.9	0.1	0.08	5	0.8	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345008	0.011	0.28	0.1	0.01	5.8	0.1	0.025	5	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345006	0.011	0.38	0.05	0.01	6.3	0.3	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345007	0.014	0.12	0.05	0.03	6.1	0.1	0.025	6	1.5	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345003	0.015	0.8	0.05	0.01	4.8	0.4	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048

sample_id	project	technic	utm_	utm_eastin	utm_northi	date	method	colour	texture	moisture	site_slope	depth	quality	horizon	site_veget
1345002	CAL	FL01	7	524377	7104337	20140708	Hand Auger	Reddish Yellow	Sand	Damp	Pronounced Slope	40	Good	C	Black Spruce
1392050	CAL	FL01	7	524417	7104310	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	60	Good	C	White Spruce
1392049	CAL	FL01	7	523998	7104585	20140708	Hand Auger	Dark Grey Black	Silt	Damp	Pronounced Slope	40	Poor	B	Alders
1392047	CAL	FL01	7	523860	7104556	20140708	Hand Auger	Grey	Silt	Damp	Pronounced Slope	50	Good	B	White Spruce
1392048	CAL	FL01	7	523903	7104529	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	50	Good	C	Black Spruce
1392046	CAL	FL01	7	523819	7104584	20140708	Hand Auger	Chocolate Brown	Silt	Damp	Pronounced Slope	70	Good	B	Alders
1392042	CAL	FL01	7	523651	7104693	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	80	Good	C	Subalpine Fir
1384784	CAL	SD02	7	524116	7104030	20140708	Hand Auger	Grey	Sand	Dry	Subtle Slope	50	Excellent	C	Poplar
1347062	CAL	JM04	7	523681	7104554	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	80	Excellent	C	Black Spruce
1392045	CAL	FL01	7	523777	7104611	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	60	Good	C	Black Spruce
1347065	CAL	JM04	7	523556	7104636	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	30	Good	B	Poplar
1347063	CAL	JM04	7	523639	7104581	20140708	Hand Auger	Dark Brown	Sand	Damp	Subtle Slope	50	Good	C	Poplar
1392044	CAL	FL01	7	523734	7104638	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Pronounced Slope	70	Good	C	Black Spruce
1347064	CAL	JM04	7	523599	7104608	20140708	Hand Auger	Dark Brown	Sand	Damp	Subtle Slope	50	Good	C	Poplar
1392043	CAL	FL01	7	523693	7104666	20140708	Hand Auger	Reddish Yellow	Sand	Damp	Pronounced Slope	100	Excellent	C	Subalpine Fir
1392040	CAL	FL01	7	523567	7104748	20140708	Mattock	Chocolate Brown	Sand	Damp	Subtle Slope	30	Good	C	Subalpine Fir
1392039	CAL	FL01	7	523527	7104774	20140708	Mattock	Grey	Sand	Damp	Flat	50	Excellent	C	Subalpine Fir
1347061	CAL	JM04	7	523723	7104526	20140708	Hand Auger	Dark Brown	Sand	Damp	Subtle Slope	80	Good	C	Black Spruce
1347057	CAL	JM04	7	523891	7104416	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	30	Good	C	Black Spruce
1392041	CAL	FL01	7	523608	7104721	20140708	Hand Auger	Grey	Sand	Damp	Pronounced Slope	50	Excellent	C	Subalpine Fir
1347055	CAL	JM04	7	523976	7104361	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	40	Good	C	Poplar
1347056	CAL	JM04	7	523933	7104388	20140708	Hand Auger	Reddish Brown	Sand	Damp	Subtle Slope	30	Good	B	Black Spruce
1347060	CAL	JM04	7	523766	7104498	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	60	Excellent	C	Black Spruce
1347058	CAL	JM04	7	523848	7104444	20140708	Hand Auger	Light Brown	Sand	Damp	Subtle Slope	50	Good	C	Poplar
1347059	CAL	JM04	7	523808	7104471	20140708	Hand Auger	Reddish Yellow	Sand	Damp	Flat	90	Good	C	Poplar
1347052	CAL	JM04	7	524100	7104279	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	60	Good	C	Black Spruce
1347053	CAL	JM04	7	524059	7104306	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	40	Good	B	Poplar
1347054	CAL	JM04	7	524016	7104334	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	70	Good	C	Black Spruce
1384900	CAL	JM04	7	524143	7104252	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	40	Good	B	Black Spruce
1384898	CAL	JM04	7	524226	7104196	20140708	Hand Auger	Dark Brown	Sand	Damp	Subtle Slope	40	Good	B	Black Spruce
1384899	CAL	JM04	7	524184	7104224	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	50	Good	C	Black Spruce
1384897	CAL	JM04	7	524269	7104169	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	60	Good	B	Poplar
1384896	CAL	JM04	7	524308	7104143	20140708	Hand Auger	Chocolate Brown	Silt	Damp	Subtle Slope	40	Good	B	Willows
1384895	CAL	JM04	7	524364	7104227	20140708	Hand Auger	Dark Brown	Silt	Damp	Subtle Slope	50	Good	B	Black Spruce
1384894	CAL	JM04	7	524322	7104254	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	50	Good	B	Black Spruce
1384893	CAL	JM04	7	524280	7104280	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	60	Good	C	Poplar
1384889	CAL	JM04	7	524112	7104390	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	40	Good	B	Poplar
1384888	CAL	JM04	7	524070	7104419	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	80	Good	C	Black Spruce
1384892	CAL	JM04	7	524238	7104310	20140708	Hand Auger	Dark Brown	Sand	Damp	Subtle Slope	60	Good	B	Black Spruce
1384891	CAL	JM04	7	524195	7104338	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	50	Good	C	Black Spruce
1345208	CAL	SD02	7	523415	7104606	20140708	Hand Auger	Chocolate Brown	Sand	Dry	Subtle Slope	50	Excellent	C	Poplar
1345204	CAL	SD02	7	523584	7104497	20140708	Hand Auger	Grey	Sand	Damp	Subtle Slope	70	Good	B	Willows
1345207	CAL	SD02	7	523458	7104581	20140708	Hand Auger	Reddish Yellow	Sand	Dry	Subtle Slope	100	Excellent	C	Black Spruce

sample_id	ground_cov	note1	note2	dupe_of_id	pgid	mple_pt	e_pho	Sample	mo_ppı	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm
1345002	Sphagnum Moss < 30cm	Rocky		0	87	26	27	1345002	0.9	31.2	11.6	89	0.05	31.7	15.5
1392050	Bare Soil	Coarse		0	88	24	25	1392050	0.8	40.5	12.2	86	0.1	38	16.4
1392049	Sphagnum Moss < 30cm	Organic 50%	Rusty Rock Chip	0	89	22	23	1392049	1.7	26.3	9	62	0.1	37.4	12.5
1392047	Sphagnum Moss < 30cm	Rusty Rock Chip	Sandy	0	91	18	19	1392047	1	32.7	10.8	62	0.05	49	9.6
1392048	Sphagnum Moss < 30cm	Coarse		0	90	20	21	1392048	1.2	31.9	11	70	0.2	35.9	12.1
1392046	Sphagnum Moss < 30cm	Sandy		0	92	16	17	1392046	1.4	38.5	11.2	65	0.1	69.3	11.8
1392042	Thin Moss Cover	Coarse		0	93	8	9	1392042	2.4	51.3	14.2	114	0.2	55.2	15
1384784	Leaf Cover	Coarse		0	94	17	18	1384784	0.7	21.9	13.6	60	0.05	23.9	11.3
1347062	Thin Moss Cover	Rusty Rock Chip		0	95	54	55	1347062	0.7	68.8	4.4	34	0.1	770.9	43.9
1392045	Sphagnum Moss < 30cm	Sandy		0	96	14	15	1392045	1.1	56.5	7.5	77	0.05	55.7	10
1347065	Leaf Cover			0	99	60	61	1347065	1.7	37.3	13.1	69	0.3	33.9	8.9
1347063	Leaf Cover			0	97	56	57	1347063	2	54.2	11.7	102	0.2	87.6	16.3
1392044	Burnt Moss	Coarse		0	101	12	13	1392044	1.4	40.9	9.7	71	0.1	40.4	8.3
1347064	Leaf Cover			0	98	58	59	1347064	4.4	79.5	15.8	263	0.2	120	18.9
1392043	Burnt Moss	Bright Orange Rust		0	100	10	11	1392043	1.4	54.4	6.3	105	0.05	120.9	25.4
1392040	Thin Moss Cover	Rocky	Rocky Sample	0	103	4	5	1392040	4.5	54	14.9	142	0.8	60.3	7.8
1392039	Burnt Moss	Coarse		0	102	2	3	1392039	4.2	119	14.6	221	0.2	79.8	20.6
1347061	Reindeer Moss	Rusty Rock Chip		0	106	52	53	1347061	1.1	105.2	12.6	72	0.05	90.3	18.8
1347057	Thin Moss Cover			0	105	44	45	1347057	0.5	56.7	36.7	134	0.05	40.2	21.9
1392041	Thin Moss Cover	Coarse		0	104	6	7	1392041	6.1	82.2	9.3	148	0.5	51.3	5.7
1347055	Thin Moss Cover			0	111	40	41	1347055	0.5	26.5	12.2	67	0.2	43.2	21.1
1347056	Reindeer Moss			0	110	42	43	1347056	0.7	16.2	12.4	78	0.05	38.8	20.6
1347060	Thin Moss Cover		shiny particles	0	107	50	51	1347060	2.2	87.3	32.9	525	0.05	12.1	10.7
1347058	Thin Moss Cover			0	109	46	47	1347058	0.7	37.6	25.9	100	0.05	31.7	12.8
1347059	Leaf Cover	Clay		0	108	48	49	1347059	1.2	22.9	12.7	66	0.05	14.6	11.1
1347052	Leaf Cover			0	112	34	35	1347052	1.1	29.9	29.3	101	0.3	34.1	16.1
1347053	Thin Moss Cover			0	114	36	37	1347053	0.7	32	23.8	80	0.2	44	20
1347054	Thin Moss Cover			0	113	38	39	1347054	0.4	50.9	25.3	103	0.4	46.1	21.7
1384900	Sphagnum Moss < 30cm			0	115	32	33	1384900	0.7	20.5	22.6	87	0.1	31.3	15.1
1384898	Sphagnum Moss < 30cm			0	117	28	29	1384898	0.9	26	15.1	67	0.05	31.8	13.8
1384899	Sphagnum Moss < 30cm			0	116	30	31	1384899	0.9	32.5	17.5	85	0.2	38.3	16.3
1384897	Leaf Cover	Rusty Rock Chip		0	118	26	27	1384897	0.7	22.6	19.6	70	0.1	28.8	13.4
1384896	Sphagnum Moss < 30cm			0	119	24	25	1384896	1.3	28.3	15.3	77	0.2	31.3	18.2
1384895	Sphagnum Moss < 30cm			0	120	22	23	1384895	1.6	36.3	28.4	101	0.2	50	14.8
1384894	Sphagnum Moss < 30cm			0	121	20	21	1384894	1	30.1	18.3	77	0.2	34.7	13.6
1384893	Thin Moss Cover	Rusty Rock Chip		0	122	18	19	1384893	0.9	36.8	18.7	93	0.2	34.7	15.4
1384889	Leaf Cover			0	127	10	11	1384889	0.6	25	11.2	75	0.05	44.9	19.2
1384888	Leaf Cover			0	124	8	9	1384888	2.1	46	32.5	117	0.6	56.9	20.3
1384892	Sphagnum Moss < 30cm			0	123	16	17	1384892	0.8	31.3	21.3	97	0.2	30.8	13.3
1384891	Sphagnum Moss < 30cm	Rusty Rock Chip		0	126	14	15	1384891	0.7	39.1	28.8	113	0.3	39.7	16.2
1345208	Sphagnum Moss < 30cm	Bright Orange Rus	Rocky	0	125	63	64	1345208	1.7	45.5	11.1	92	0.1	82	14.6
1345204	Sphagnum Moss < 30cm	Clay	Bright Orange Ru	0	130	55	56	1345204	1.3	33.9	11.9	65	0.2	47.3	11.9
1345207	Leaf Cover	Bright Orange Rust		0	129	61	62	1345207	1.8	69.5	14.6	94	0.05	132.8	24.7

sample_id	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct
1345002	520	4.09	37.1	1.1	5	12.7	17	0.05	1.3	0.2	53	0.23	0.023	37	58	1.05	259	0.162	1	1.92
1392050	579	3.78	61	0.8	2.2	9.6	20	0.2	0.8	0.1	55	0.45	0.07	29	66	1.16	354	0.139	1	1.78
1392049	599	2.22	4.3	3.2	3.8	2.8	35	0.3	0.3	0.2	45	0.65	0.049	12	48	0.63	383	0.06	2	1.4
1392047	300	2.66	7.2	1.2	2.9	4.2	24	0.1	0.4	0.2	52	0.33	0.042	15	54	0.66	337	0.08	1	1.56
1392048	340	3.17	6.1	1.8	3.5	4.4	21	0.2	0.3	0.2	53	0.35	0.047	17	42	0.69	371	0.071	0.5	1.73
1392046	397	2.96	8.6	1.1	4.2	4.4	29	0.05	0.6	0.2	55	0.42	0.049	16	57	0.74	397	0.077	2	1.71
1392042	739	3.5	4.3	1.7	0.25	8.9	22	0.3	0.5	0.2	51	0.2	0.048	21	44	0.65	514	0.086	0.5	1.31
1384784	361	2.79	11.4	0.5	1.8	3.8	20	0.1	0.7	0.1	59	0.35	0.033	11	55	0.87	240	0.109	2	1.55
1347062	544	2.73	3.8	0.2	2.9	1.7	18	0.05	0.6	0.05	35	0.59	0.018	5	491	2.32	144	0.03	0.5	0.9
1392045	369	2.76	7.4	1	6.3	4.4	20	0.1	0.4	0.1	64	0.32	0.052	14	59	1.11	621	0.099	0.5	1.74
1347065	385	2.91	4.4	1.2	0.6	6.2	17	0.2	0.3	0.3	50	0.16	0.039	16	33	0.44	502	0.088	2	1.31
1347063	641	3.32	6.1	1.3	4	6.1	26	0.2	0.5	0.2	63	0.32	0.045	16	88	0.78	428	0.086	2	1.49
1392044	449	2.58	4.1	0.9	3.9	4.3	27	0.1	0.4	0.2	58	0.22	0.04	13	45	0.8	401	0.069	2	1.26
1347064	559	4.08	6.2	2.7	1.8	8.8	30	1.1	0.5	0.3	60	0.18	0.053	22	63	0.57	1291	0.064	1	1.49
1392043	996	5.02	1.1	1	1.4	2.9	23	0.2	0.1	0.2	89	0.78	0.218	14	111	2.03	936	0.125	0.5	2.9
1392040	270	3.96	5.8	1.2	2.5	3.9	42	0.5	0.3	0.2	101	0.07	0.071	16	98	0.78	291	0.055	0.5	1.74
1392039	1712	3.92	0.7	1.8	0.25	4.5	16	1.4	0.2	0.3	77	0.06	0.034	10	30	0.44	215	0.007	0.5	1.19
1347061	1624	3.03	2.1	0.7	3.9	4.4	14	0.05	0.3	0.2	61	0.3	0.043	12	62	0.91	662	0.072	2	1.47
1347057	638	4.47	21.8	0.3	1.6	3.1	13	0.2	4.1	0.2	115	0.23	0.021	5	140	2.39	338	0.227	2	3.56
1392041	229	3.63	2.3	1.7	4.6	3.3	31	0.7	0.2	0.2	115	0.07	0.066	15	82	0.86	326	0.048	0.5	1.5
1347055	801	4.36	58.4	0.6	2.3	5	17	0.05	12.5	0.05	120	0.47	0.032	12	166	2.4	589	0.22	2	3.06
1347056	515	4.99	25.1	0.4	1.1	3	15	0.2	6.8	0.05	149	0.28	0.034	6	169	2.74	413	0.217	2	3
1347060	1807	4.09	1	0.9	2.1	9	14	1.4	0.2	0.4	36	0.22	0.036	20	10	0.79	397	0.073	0.5	1.37
1347058	457	3.16	18.2	0.9	6.8	5.4	26	0.3	2.7	0.2	81	0.39	0.043	15	77	1.32	748	0.141	0.5	2.01
1347059	683	3.5	6.2	1.3	1.1	8.9	26	0.2	0.7	0.1	46	0.23	0.025	20	19	0.25	257	0.014	2	0.95
1347052	982	3.61	78.5	1.1	11.6	11.7	19	0.2	5.5	0.2	60	0.55	0.056	33	69	0.92	390	0.104	1	1.79
1347053	698	4.16	33	0.8	5.1	5.1	21	0.1	3	0.1	95	0.61	0.043	13	123	1.67	446	0.183	2	2.47
1347054	749	4.16	58.3	0.5	5.9	4.4	18	0.2	4.7	0.1	98	0.64	0.054	9	153	1.99	479	0.236	1	2.54
1384900	623	3.41	63.7	0.6	3.7	5.3	21	0.2	4.2	0.1	79	0.57	0.049	12	97	1.37	286	0.128	2	2.14
1384898	479	3	23.7	1.1	3.2	5.2	24	0.1	2	0.2	69	0.5	0.047	16	74	0.99	350	0.123	3	1.89
1384899	445	3.71	34.3	1.1	3.6	7.8	23	0.2	2.6	0.2	70	0.63	0.051	25	93	1.2	371	0.138	2	2.17
1384897	447	3.08	29.8	0.8	3.4	5	26	0.2	2.3	0.2	69	0.52	0.044	15	75	1.06	313	0.128	2	1.93
1384896	687	3.98	42.7	1.1	2.9	4.7	30	0.3	2.6	0.1	79	0.6	0.049	16	78	1.08	478	0.131	1	2.01
1384895	334	2.51	40.3	2.8	7.1	5.7	35	0.6	1.7	0.3	61	0.6	0.053	20	70	0.92	376	0.092	2	1.72
1384894	390	3.34	38.6	2.3	3.1	4.9	30	0.2	2	0.2	67	0.6	0.052	18	76	1.03	406	0.1	2	1.86
1384893	548	3.59	37.5	1.2	3.8	6	28	0.2	2.4	0.3	72	0.67	0.059	21	74	1.04	424	0.114	2	1.92
1384889	804	4.13	84.7	0.6	124.8	5.2	22	0.2	3.5	0.1	81	0.45	0.053	14	126	1.9	338	0.068	2	2.36
1384888	1465	5.29	840.9	1.2	32.2	7.1	17	0.8	12.2	0.2	81	0.42	0.056	24	62	0.54	352	0.029	1	1.31
1384892	437	3.35	36.2	1.1	4.7	5.1	27	0.2	2.7	0.2	74	0.63	0.051	17	77	1.16	452	0.115	2	2.18
1384891	582	3.83	100.8	0.7	11.7	8.1	16	0.2	6.3	0.2	63	0.45	0.051	28	95	1.28	474	0.075	0.5	1.89
1345208	280	3.46	10.9	1.2	1.5	7.4	18	0.2	0.4	0.2	64	0.14	0.035	21	101	1.05	422	0.106	0.5	1.97
1345204	459	2.67	8.1	1.1	2.1	4.1	39	0.2	0.7	0.2	49	0.62	0.059	16	51	0.65	506	0.064	2	1.33
1345207	1822	3.06	5	1.1	5.8	6.7	22	0.3	0.4	0.3	63	0.34	0.054	21	101	1.7	1381	0.096	1	2.11

sample_id	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_pp	se_ppm	te_ppn	FileCreate	ShipmentID	Received	JobNumber
1345002	0.008	0.51	0.1	0.04	5.1	0.3	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1392050	0.017	0.35	0.2	0.03	5.2	0.3	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1392049	0.014	0.08	0.2	0.04	4.4	0.05	0.05	4	2.7	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1392047	0.015	0.08	0.1	0.03	5.5	0.05	0.025	5	0.6	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1392048	0.013	0.13	0.1	0.04	6.9	0.05	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1392046	0.019	0.07	0.2	0.04	5.6	0.1	0.025	5	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1392042	0.012	0.31	0.05	0.02	5.5	0.3	0.06	5	0.6	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384784	0.014	0.12	0.3	0.04	3.8	0.1	0.025	5	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1347062	0.009	0.04	0.05	0.03	5.2	0.05	0.025	2	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1392045	0.011	0.39	0.05	0.005	6.8	0.2	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1347065	0.009	0.29	0.05	0.02	3.4	0.2	0.025	5	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1347063	0.01	0.18	0.1	0.03	6.2	0.1	0.025	5	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1392044	0.016	0.17	0.05	0.02	5.5	0.1	0.09	4	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1347064	0.007	0.21	0.05	0.03	6.9	0.3	0.06	5	1.6	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1392043	0.014	0.69	0.05	0.01	10	0.3	0.025	11	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1392040	0.028	0.21	0.2	0.01	4.4	0.2	0.33	7	3.3	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1392039	0.005	0.16	0.05	0.02	6.3	0.2	0.025	4	2.7	0.3	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1347061	0.005	0.41	0.05	0.03	7.8	0.1	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1347057	0.01	0.57	0.2	0.02	8	0.2	0.025	9	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1392041	0.019	0.21	0.2	0.01	5.2	0.3	0.35	5	4.4	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1347055	0.011	0.53	0.2	0.02	11.4	0.2	0.025	10	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1347056	0.011	0.45	0.1	0.02	12.9	0.2	0.025	12	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1347060	0.006	0.5	0.05	0.05	9.4	0.3	0.025	5	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1347058	0.012	0.24	0.2	0.02	7.5	0.2	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1347059	0.006	0.17	0.05	0.21	10.3	0.05	0.025	4	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1347052	0.011	0.28	0.1	0.04	6.9	0.2	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1347053	0.013	0.36	0.1	0.04	10.1	0.2	0.025	8	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1347054	0.011	0.65	0.2	0.03	9.8	0.3	0.025	9	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384900	0.011	0.26	0.1	0.04	7.4	0.1	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384898	0.016	0.13	0.2	0.03	7	0.1	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384899	0.014	0.29	0.1	0.04	8.1	0.2	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384897	0.015	0.14	0.2	0.03	6.1	0.1	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384896	0.017	0.19	0.2	0.04	7.1	0.05	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384895	0.013	0.18	0.2	0.04	6.1	0.1	0.025	5	1	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384894	0.015	0.16	0.2	0.05	6.6	0.1	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384893	0.014	0.22	0.2	0.06	8.1	0.2	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384889	0.009	0.08	0.2	0.03	8.9	0.05	0.025	8	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384888	0.009	0.16	0.3	0.07	11.3	0.05	0.025	4	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384892	0.016	0.14	0.2	0.06	8.1	0.05	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384891	0.009	0.27	0.2	0.04	8.3	0.2	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345208	0.009	0.21	0.05	0.01	5.5	0.3	0.025	7	0.7	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345204	0.019	0.06	0.2	0.04	4.7	0.2	0.025	4	0.6	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345207	0.01	0.36	0.05	0.03	7.7	0.3	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048

sample_id	project	technic	utm_	utm_eastin	utm_northi	date	method	colour	texture	moisture	site_slope	depth	quality	horizon	site_veget
1384890	CAL	JM04	7	524152	7104365	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	50	Good	B	Black Spruce
1384887	CAL	JM04	7	524028	7104446	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	50	Good	C	Black Spruce
1345206	CAL	SD02	7	523500	7104551	20140708	Hand Auger	Grey	Sand	Damp	Subtle Slope	60	Excellent	B	Black Spruce
1384885	CAL	JM04	7	523986	7104474	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	90	Good	C	Black Spruce
1345205	CAL	SD02	7	523542	7104524	20140708	Hand Auger	Grey	Sand	Damp	Subtle Slope	70	Excellent	C	Poplar
1345203	CAL	SD02	7	523626	7104471	20140708	Hand Auger	Grey	Sand	Damp	Subtle Slope	100	Excellent	C	Poplar
1345202	CAL	SD02	7	523667	7104442	20140708	Hand Auger	Grey	Sand	Damp	Subtle Slope	100	Excellent	C	Poplar
1384886	CAL	JM04	7	523945	7104500	20140708	Hand Auger	Dark Brown	Sand	Damp	Subtle Slope	40	Good	B	Black Spruce
1384799	CAL	SD02	7	523753	7104390	20140708	Hand Auger	Grey	Sand	Damp	Subtle Slope	40	Excellent	C	Black Spruce
1384800	CAL	SD02	7	523712	7104416	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	70	Excellent	C	Black Spruce
1384797	CAL	SD02	7	523837	7104333	20140708	Hand Auger	Dark Brown	Sand	Dry	Pronounced Slope	80	Excellent	C	Poplar
1384796	CAL	SD02	7	523878	7104305	20140708	Hand Auger	Chocolate Brown	Sand	Dry	Subtle Slope	70	Excellent	C	Poplar
1384798	CAL	SD02	7	523795	7104360	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	40	Good	B	Black Spruce
1384795	CAL	SD02	7	523917	7104279	20140708	Hand Auger	Chocolate Brown	Sand	Dry	Subtle Slope	40	Excellent	C	Black Spruce
1384794	CAL	SD02	7	523962	7104250	20140708	Hand Auger	Reddish Brown	Sand	Dry	Subtle Slope	40	Excellent	C	Poplar
1384793	CAL	SD02	7	524004	7104222	20140708	Hand Auger	Reddish Yellow	Sand	Damp	Subtle Slope	80	Excellent	C	Black Spruce
1384792	CAL	SD02	7	524046	7104194	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	70	Excellent	C	Black Spruce
1384790	CAL	SD02	7	524129	7104140	20140708	Hand Auger	Reddish Brown	Sand	Damp	Pronounced Slope	70	Excellent	C	Poplar
1384791	CAL	SD02	7	524088	7104169	20140708	Hand Auger	Light Brown	Sand	Damp	Subtle Slope	60	Excellent	C	Black Spruce
1384788	CAL	SD02	7	524213	7104086	20140708	Hand Auger	Grey	Sand	Damp	Subtle Slope	100	Excellent	C	Birch Forest
1384789	CAL	SD02	7	524169	7104113	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	40	Excellent	C	Black Spruce
1384785	CAL	SD02	7	524157	7104003	20140708	Hand Auger	Dark Grey Black	Sand	Damp	Flat	50	Poor	C	Black Spruce
1384787	CAL	SD02	7	524254	7104058	20140708	Hand Auger	Grey	Clay	Damp	Flat	40	Good	B	Dwarf Birch
1384786	CAL	SD02	7	524200	7103976	20140708	Hand Auger	Grey	Clay	Damp	Flat	40	Good	B	Subalpine Fir
1384783	CAL	SD02	7	524074	7104058	20140708	Hand Auger	Dark Brown	Sand	Damp	Subtle Slope	80	Excellent	C	Poplar
1384781	CAL	SD02	7	523990	7104114	20140708	Hand Auger	Chocolate Brown	Sand	Dry	Subtle Slope	30	Good	B	Black Spruce
1384782	CAL	SD02	7	524032	7104087	20140708	Hand Auger	Chocolate Brown	Sand	Dry	Pronounced Slope	50	Excellent	C	Black Spruce
1384778	CAL	SD02	7	523865	7104197	20140708	Hand Auger	Dark Brown	Sand	Damp	Subtle Slope	60	Excellent	C	Poplar
1384780	CAL	SD02	7	523947	7104139	20140708	Hand Auger	Chocolate Brown	Sand	Damp	Subtle Slope	70	Excellent	C	Poplar
1384779	CAL	SD02	7	523908	7104170	20140708	Hand Auger	Dark Brown	Sand	Damp	Pronounced Slope	30	Excellent	C	Poplar
1384777	CAL	SD02	7	523823	7104224	20140708	Hand Auger	Greyish Green	Sand	Damp	Subtle Slope	70	Excellent	C	Poplar
1384776	CAL	SD02	7	523781	7104247	20140708	Hand Auger	Grey	Sand	Damp	Subtle Slope	60	Excellent	C	Poplar

sample_id	ground_cov	note1	note2	dupe_of_id	pgid	mple_pt	e_pho	Sample	mo_ppı	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm
1384890	Sphagnum Moss < 30cm			0	128	12	13	1384890	0.5	38.6	24.7	110	0.05	38.5	15.3
1384887	Leaf Cover			0	134	6	7	1384887	0.5	26.6	27.7	119	0.2	48	21.8
1345206	Leaf Cover	Clay		0	131	59	60	1345206	1.5	59	11.4	91	0.1	96	15.3
1384885	Thin Moss Cover	Rusty Rock Chip		0	133	4	5	1384885	0.7	25.4	12.8	67	0.2	42.5	18.1
1345205	Sphagnum Moss < 30cm	Bright Orange Rus	Dull Red Rust	0	132	57	58	1345205	1.6	43.1	8.2	79	0.1	161.1	18.1
1345203	Sphagnum Moss < 30cm	Bright Orange Rus	Dull Red Rust	0	135	53	54	1345203	0.8	51.8	9.1	84	0.1	45	13.4
1345202	Leaf Cover	Clay	Bright Orange Ru	0	136	51	52	1345202	1.5	31.4	10	59	0.1	44.5	10.6
1384886	Thin Moss Cover			0	137	2	3	1384886	1	22	27.9	94	0.05	40	26.9
1384799	Thin Moss Cover	Coarse	Rocky	0	139	47	48	1384799	0.5	35.2	17.7	101	0.05	60.2	32.1
1384800	Leaf Cover	Bright Orange Rust		0	138	49	50	1384800	1.3	30.6	7.5	89	0.1	21.8	15.5
1384797	Leaf Cover			0	140	43	44	1384797	0.6	37	10.7	87	0.05	39.1	19
1384796	Leaf Cover	Rocky	Coarse	0	142	41	42	1384796	0.3	11.4	4.5	48	0.05	48.6	22.2
1384798	Leaf Cover	Coarse	Rocky	0	141	45	46	1384798	1	31.3	13.6	75	0.3	31	17.2
1384795	Leaf Cover	Coarse	Rocky	0	143	39	40	1384795	0.6	12.5	7.7	45	0.05	32.2	16
1384794	Leaf Cover	Rocky		0	144	37	38	1384794	0.4	14.4	11.5	51	0.05	43.7	17.2
1384793	Bare Soil	Dull Red Rust		0	145	35	36	1384793	0.5	40.6	42.6	118	0.05	40.7	18.3
1384792	Sphagnum Moss < 30cm			0	146	33	34	1384792	0.8	26.6	16.1	77	0.05	24.6	12
1384790	Leaf Cover			0	148	29	30	1384790	0.9	28.8	12.5	74	0.05	29.9	18.5
1384791	Sphagnum Moss < 30cm			0	147	31	32	1384791	0.7	56.7	13.3	77	0.05	30.9	12.3
1384788	Leaf Cover	Bright Orange Rust		0	150	25	26	1384788	0.6	22.7	15.7	69	0.2	27.5	11.9
1384789	Leaf Cover	Bright Orange Rus	Rocky	0	149	27	28	1384789	0.9	31.4	12.8	66	0.2	32.5	15.7
1384785	Sphagnum Moss < 30cm	Bright Orange Rus	Partially Frozen	0	153	19	20	1384785	0.9	43.1	12.8	64	0.2	27.5	10.3
1384787	Thin Moss Cover	Frozen		0	151	23	24	1384787	0.6	24.4	16.7	70	0.2	28.1	7.4
1384786	Sphagnum Moss < 30cm	Frozen		0	152	21	22	1384786	0.5	32.7	42.2	111	0.4	27.8	9.5
1384783	Leaf Cover	Coarse		0	155	15	16	1384783	1.2	32.5	11.5	75	0.2	34	17.7
1384781	Bare Soil	Bright Orange Rus	Rocky	0	159	11	12	1384781	1.2	10.7	11.5	46	0.05	14.7	7.5
1384782	Bare Soil	Quartz Chips		0	160	13	14	1384782	0.7	33.8	12.7	93	0.05	31.3	14.8
1384778	Leaf Cover	Coarse		0	162	5	6	1384778	0.3	25.3	9.1	55	0.05	47.3	20.6
1384780	Bare Soil	Coarse		0	163	9	10	1384780	0.6	27.4	10	61	0.05	38.3	16.8
1384779	Thin Moss Cover	Rocky		0	164	7	8	1384779	0.3	15.1	9.1	60	0.05	39.8	19.6
1384777	Leaf Cover	Coarse		0	168	3	4	1384777	0.5	30.2	9.5	65	0.05	39.5	16.9
1384776	Leaf Cover			0	170	1	2	1384776	0.6	22.8	13.6	63	0.05	34.6	15.3

sample_id	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct
1384890	582	3.55	35.2	0.8	6.3	5.5	20	0.2	2.1	0.2	70	0.42	0.045	13	102	1.33	588	0.111	0.5	2.21
1384887	593	4.75	85	1	6.8	7.5	18	0.4	6.3	0.1	109	0.6	0.057	20	151	1.79	481	0.071	1	2.72
1345206	493	3.59	6.7	1.4	4.5	5.9	26	0.05	0.5	0.2	72	0.22	0.03	21	100	1.06	977	0.098	1	2.1
1384885	1024	3.63	293.5	0.6	2.9	5.5	22	0.1	3.9	0.1	77	0.44	0.055	12	114	1.5	373	0.127	0.5	2.37
1345205	549	3	2.8	0.9	7.3	3.8	19	0.1	0.2	0.1	68	0.32	0.063	13	185	1.61	718	0.099	1	1.84
1345203	672	3.1	2.4	1	5.7	5.3	13	0.2	0.2	0.1	46	0.23	0.045	14	42	0.88	360	0.104	0.5	1.37
1345202	366	2.75	7.8	1.2	3.5	4.3	30	0.1	0.5	0.2	56	0.42	0.037	14	57	0.69	369	0.068	2	1.61
1384886	1011	4.75	91.1	0.6	3.6	4.6	19	0.2	5.2	0.3	126	0.39	0.043	7	161	2.3	292	0.21	0.5	2.97
1384799	1195	7.43	21.6	0.8	7	9	21	0.05	6.5	0.4	173	0.47	0.067	24	263	4.46	518	0.129	2	4.75
1384800	619	4.98	2.3	0.9	4.8	3.7	19	0.1	0.3	0.1	74	0.49	0.071	16	45	1.03	415	0.089	3	1.97
1384797	594	4.5	101.9	0.4	4.1	4.5	15	0.2	20.2	0.2	95	0.34	0.042	9	133	2.08	306	0.187	0.5	2.85
1384796	649	5.27	12.6	0.3	0.25	4.2	14	0.05	5.3	0.05	119	0.32	0.035	6	183	2.98	369	0.14	1	3.18
1384798	653	4.06	40.8	0.3	7.8	3.6	14	0.05	3.3	0.2	83	0.17	0.02	8	85	1.33	225	0.12	0.5	2.67
1384795	332	3.39	11.4	0.3	3.5	2.7	14	0.05	1.3	0.05	74	0.21	0.022	6	92	1.3	254	0.158	0.5	2.24
1384794	292	3.81	44.4	0.3	1.7	3.1	10	0.05	4.7	0.05	103	0.13	0.011	5	164	2.13	387	0.208	0.5	2.8
1384793	632	4.19	14.6	1	6.2	10.7	19	0.1	2.1	0.3	75	0.36	0.039	29	113	1.68	620	0.172	0.5	2.24
1384792	340	3.69	65.8	0.9	2.9	8.9	13	0.1	1.3	0.3	54	0.18	0.016	23	48	0.78	217	0.084	0.5	1.76
1384790	489	4.34	13	0.9	6.8	7.7	13	0.05	1	0.2	74	0.19	0.034	23	77	1.27	293	0.131	2	2.24
1384791	367	3.71	22.4	1.4	4.8	16.4	13	0.05	0.8	0.3	45	0.22	0.033	58	45	0.91	259	0.125	0.5	1.87
1384788	382	3.16	19.4	0.9	3.1	5	20	0.05	1.3	0.1	62	0.42	0.035	16	68	1	350	0.118	1	1.87
1384789	742	3.76	12.4	1.1	2.3	8	21	0.1	0.9	0.2	67	0.4	0.036	23	85	1.2	441	0.138	0.5	2.21
1384785	314	2.59	8.3	1.6	8.7	4	30	0.2	1	0.1	54	0.67	0.043	23	43	0.69	294	0.084	2	1.62
1384787	213	1.96	11.6	1.5	3.5	4.4	24	0.4	1	0.2	42	0.48	0.048	16	52	0.75	352	0.096	2	1.63
1384786	284	2.45	19.5	1.8	5.6	5.3	28	0.4	1.8	0.4	55	0.55	0.047	18	58	0.85	347	0.107	2	1.78
1384783	873	4.1	10.5	0.9	3.4	6.8	28	0.1	0.7	0.1	82	0.55	0.03	18	89	1.37	466	0.125	2	2.46
1384781	229	2.63	8.5	0.5	4.7	5.3	9	0.1	0.5	0.2	57	0.09	0.017	20	33	0.56	190	0.115	0.5	1.45
1384782	413	4.05	11.4	1.1	4.4	11.2	13	0.05	0.8	0.2	49	0.23	0.021	34	56	1.14	277	0.163	0.5	2.06
1384778	449	4.1	10.5	0.3	0.25	3.8	15	0.05	5.9	0.05	108	0.24	0.02	3	166	2.42	422	0.254	1	2.86
1384780	422	3.63	10.9	0.6	2.7	6.2	16	0.1	0.6	0.05	85	0.3	0.033	14	116	1.85	404	0.179	1	2.33
1384779	388	3.99	5.4	0.2	3.5	2.3	18	0.05	0.6	0.05	79	0.29	0.048	3	117	1.87	290	0.2	0.5	2.63
1384777	449	4	54	0.4	2.5	4.6	15	0.05	4.6	0.05	78	0.29	0.029	12	115	1.72	240	0.119	1	2.42
1384776	562	3.52	12.7	0.5	3.3	4	17	0.05	2.8	0.05	74	0.45	0.029	9	91	1.39	364	0.128	1	2.06

sample_id	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_pp	se_ppm	te_ppn	FileCreate	ShipmentID	Received	JobNumber
1384890	0.016	0.2	0.1	0.01	8.3	0.05	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384887	0.007	0.3	0.2	0.03	15.1	0.1	0.025	9	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345206	0.012	0.12	0.1	0.05	7.6	0.1	0.025	7	0.7	0.2	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384885	0.012	0.29	0.2	0.02	8.8	0.2	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345205	0.011	0.23	0.05	0.03	6.8	0.2	0.025	6	0.6	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345203	0.009	0.48	0.05	0.01	4.9	0.4	0.025	5	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1345202	0.017	0.05	0.2	0.03	4.9	0.05	0.025	5	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384886	0.012	0.29	0.2	0.01	10.4	0.1	0.025	11	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384799	0.007	0.24	0.05	0.005	21.5	0.05	0.025	16	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384800	0.011	0.33	0.05	0.26	14.1	0.1	0.025	8	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384797	0.01	0.36	0.05	0.01	8.1	0.3	0.025	9	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384796	0.006	0.23	0.1	0.005	12.2	0.1	0.025	10	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384798	0.009	0.17	0.1	0.02	5.6	0.1	0.025	8	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384795	0.011	0.2	0.1	0.02	3.5	0.1	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384794	0.01	0.41	0.1	0.01	6.6	0.2	0.025	9	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384793	0.011	0.41	0.1	0.02	7.5	0.2	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384792	0.009	0.19	0.05	0.01	4.2	0.2	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384790	0.009	0.41	0.2	0.04	5.9	0.2	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384791	0.01	0.41	0.1	0.02	5.3	0.3	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384788	0.017	0.18	0.1	0.05	5.7	0.1	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384789	0.013	0.38	0.2	0.03	6.5	0.2	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384785	0.019	0.19	0.4	0.05	5.4	0.2	0.025	5	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384787	0.02	0.16	0.1	0.05	5.2	0.2	0.05	5	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384786	0.016	0.23	0.2	0.06	6.2	0.2	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384783	0.016	0.33	0.2	0.02	7.8	0.2	0.025	8	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384781	0.01	0.21	0.2	0.005	2.9	0.2	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384782	0.011	0.59	0.05	0.02	6.1	0.4	0.025	7	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384778	0.009	0.61	0.1	0.005	5.7	0.2	0.025	8	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384780	0.01	0.32	0.05	0.02	6.5	0.2	0.025	8	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384779	0.011	0.62	0.05	0.005	4.1	0.3	0.025	8	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384777	0.009	0.24	0.05	0.01	6.7	0.1	0.025	8	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048
1384776	0.012	0.17	0.1	0.03	6.1	0.1	0.025	6	0.25	0.1	26-Jul-2014	CAL2014-07-15	16-Jul-2014	WHI14000048

Appendix III

Geochemical Results

AcmeLabs™
A Bureau Veritas Group Company

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: September 02, 2014
Report Date: September 26, 2014
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI14000165.1

CLIENT JOB INFORMATION

Project: 50 Mile
Shipment ID: BOU2014-08-29
P.O. Number
Number of Samples: 34

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	32	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	32	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
AQ300	32	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: 0908937 BC Ltd.
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2
CANADA

CC: Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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www.acmelab.com

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: 50 Mile
Report Date: September 26, 2014

CERTIFICATE OF ANALYSIS WHI14000165.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1330863	Rock	0.56	<0.005	<1	10	37	126	<0.3	9	14	970	2.65	13	<2	6	0.7	<3	<3	38	0.10	0.022
1330864	Rock	1.32	<0.005	<1	3	5	25	<0.3	1	2	362	0.55	2	<2	3	<0.5	<3	<3	9	0.10	0.003
1330865	Rock	1.54	<0.005	<1	96	29	28	<0.3	3	7	287	0.67	10	<2	6	<0.5	16	<3	5	0.06	0.017
1330866	Rock	1.62	<0.005	1	13	11	75	<0.3	7	12	1362	2.20	8	<2	4	0.9	<3	<3	24	0.11	0.010
1330867	Rock	1.66	0.043	<1	17	11	58	<0.3	5	6	824	2.68	21	<2	16	<0.5	<3	<3	34	2.65	0.012
1330868	Rock	1.43	<0.005	<1	60	13	34	<0.3	3	5	315	1.08	<2	<2	11	<0.5	4	<3	6	0.04	0.012
1330869	Rock	1.24	0.006	1	107	<3	17	0.6	2	1	92	0.47	<2	<2	2	<0.5	<3	<3	5	0.03	0.005
1330870	Rock	0.89	0.212	8	1248	<3	79	2.8	9	15	226	3.04	3	4	41	0.6	<3	<3	98	0.61	0.038
1330871	Rock	1.98	0.019	<1	201	<3	71	<0.3	4	12	227	1.90	<2	3	37	<0.5	<3	<3	50	0.31	0.033
1393551	Rock	0.45	0.232	<1	21	176	213	3.3	7	3	9550	3.47	1541	<2	174	1.9	12	<3	16	9.60	0.003
1393552	Rock	1.18	0.666	2	302	>10000	2581	39.1	12	2	394	5.62	271	4	7	5.4	14	141	37	0.10	0.041
1393633	Rock	0.85	0.096	<1	3427	77	155	2.2	28	17	538	4.26	14	4	9	<0.5	<3	14	90	0.19	0.031
1393634	Rock	0.80	0.412	57	1359	19	175	6.1	30	14	743	4.47	33	6	4	<0.5	<3	107	52	0.10	0.032
1393635	Rock	0.67	0.141	3	2874	31	194	3.5	32	21	916	4.98	25	5	8	0.6	4	26	83	0.18	0.043
1393636	Rock	0.68	<0.005	<1	37	4	68	<0.3	27	19	824	3.64	12	4	6	<0.5	<3	<3	62	0.14	0.040
1393637	Rock	0.43	<0.005	<1	35	6	69	<0.3	32	18	729	3.88	19	7	4	<0.5	<3	<3	56	0.10	0.033
1393638	Rock	2.21	0.034	20	5574	12	164	6.1	22	17	612	6.69	18	4	3	0.8	<3	9	92	0.18	0.032
1393639	Rock	1.21	0.072	78	3787	5	81	10.9	11	9	272	4.10	23	4	3	<0.5	<3	12	48	0.08	0.020
1393640	Rock	1.72	0.548	6	1412	241	214	32.7	9	43	65	4.59	4	<2	3	<0.5	7	971	8	<0.01	0.005
1393641	Rock	0.92	1.406	46	4789	43	277	36.9	50	37	724	16.55	32	9	5	<0.5	4	811	41	0.03	0.023
1393642	Rock	0.77	<0.005	1	43	4	20	<0.3	5	4	197	1.01	3	<2	1	<0.5	<3	<3	5	0.02	0.003
1393643	Rock	1.84	0.025	<1	41	19	519	0.9	29	17	1385	3.70	539	6	5	1.8	17	<3	56	0.08	0.034
1393644	Rock	1.46	0.014	<1	138	59	696	1.1	19	8	1973	4.88	632	7	3	5.1	8	<3	78	0.09	0.030
1393645	Rock	1.24	<0.005	<1	164	492	488	3.0	12	6	945	4.37	245	5	34	2.1	9	5	87	0.11	0.028
1393646	Rock	0.63	0.007	<1	279	43	259	1.8	17	14	888	2.11	428	5	4	6.5	4	<3	44	0.05	0.023
1393647	Rock	1.41	0.007	<1	48	6	491	<0.3	22	12	950	3.21	52	3	7	1.9	<3	<3	65	0.37	0.031
1393648	Rock	0.65	0.016	2	63	1705	350	5.5	26	13	1556	4.86	1153	6	7	1.2	10	<3	63	0.20	0.032
1393649	Rock	0.72	0.024	<1	41	26	156	2.3	21	10	1375	4.13	511	5	65	<0.5	15	<3	61	1.88	0.023
1393650	Rock	1.85	<0.005	<1	10	9	19	<0.3	3	1	294	1.01	8	<2	18	<0.5	<3	<3	2	0.96	<0.001
1393651	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: 50 Mile
Report Date: September 26, 2014

CERTIFICATE OF ANALYSIS WHI14000165.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1330863	Rock	5	7	0.05	134	0.001	<20	0.38	<0.01	0.07	<2	0.07	<1	<5	<5	6
1330864	Rock	1	2	<0.01	120	0.001	<20	0.04	<0.01	0.01	<2	<0.05	<1	<5	<5	<5
1330865	Rock	3	2	0.03	150	0.001	<20	0.34	0.02	0.15	<2	<0.05	<1	<5	<5	<5
1330866	Rock	3	6	0.02	192	<0.001	<20	0.19	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
1330867	Rock	5	4	0.05	315	<0.001	<20	0.17	<0.01	0.09	<2	0.08	<1	<5	<5	5
1330868	Rock	1	<1	0.02	907	0.001	<20	0.26	0.02	0.09	<2	<0.05	<1	<5	<5	<5
1330869	Rock	<1	3	0.05	106	0.006	<20	0.11	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
1330870	Rock	8	25	1.19	1003	0.175	<20	2.55	0.21	1.13	<2	0.35	<1	<5	<5	12
1330871	Rock	7	8	0.86	376	0.106	<20	1.13	0.04	0.19	<2	<0.05	<1	<5	<5	<5
1393551	Rock	6	11	3.41	782	0.002	<20	0.25	<0.01	0.11	<2	<0.05	<1	<5	<5	<5
1393552	Rock	6	59	0.49	135	0.003	<20	1.13	<0.01	0.34	<2	0.46	<1	<5	6	<5
1393633	Rock	6	107	1.95	858	0.186	<20	3.12	0.05	1.88	<2	<0.05	<1	<5	<5	6
1393634	Rock	13	80	1.54	166	0.042	<20	2.43	<0.01	0.37	<2	<0.05	<1	<5	<5	<5
1393635	Rock	13	106	2.08	443	0.163	<20	3.34	0.01	0.93	<2	<0.05	<1	<5	<5	6
1393636	Rock	8	81	1.27	166	0.099	<20	2.24	0.02	0.43	<2	<0.05	<1	<5	<5	6
1393637	Rock	15	78	1.19	136	0.048	<20	1.94	0.01	0.37	<2	<0.05	<1	<5	<5	6
1393638	Rock	12	108	2.04	325	0.165	<20	3.50	0.02	1.05	<2	<0.05	<1	<5	<5	12
1393639	Rock	4	51	0.63	166	0.098	<20	1.71	0.01	0.57	<2	<0.05	<1	<5	<5	6
1393640	Rock	2	11	0.03	19	0.002	<20	0.16	0.01	0.07	<2	0.14	<1	<5	<5	<5
1393641	Rock	12	40	0.15	111	0.012	<20	1.03	<0.01	0.27	<2	0.13	<1	<5	<5	5
1393642	Rock	5	4	0.03	25	<0.001	<20	0.15	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
1393643	Rock	9	59	0.09	138	0.002	<20	0.53	<0.01	0.11	<2	<0.05	<1	<5	<5	18
1393644	Rock	12	121	2.18	52	0.014	<20	2.66	<0.01	0.16	<2	<0.05	<1	<5	8	9
1393645	Rock	7	125	1.64	323	0.041	<20	2.45	<0.01	0.32	<2	0.12	<1	<5	7	8
1393646	Rock	12	41	0.08	97	0.002	<20	0.51	<0.01	0.08	<2	<0.05	<1	<5	<5	12
1393647	Rock	3	119	1.52	104	0.077	<20	1.87	0.02	0.14	<2	<0.05	<1	<5	<5	8
1393648	Rock	13	93	1.21	179	0.011	<20	1.82	<0.01	0.24	<2	0.06	<1	<5	6	7
1393649	Rock	14	49	0.77	3018	0.001	<20	0.40	<0.01	0.10	<2	0.07	<1	<5	<5	14
1393650	Rock	2	3	0.42	78	0.002	<20	0.06	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
1393651	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.

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PHONE (604) 253-3158

Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: 50 Mile
Report Date: September 26, 2014

CERTIFICATE OF ANALYSIS WHI14000165.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1393652	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1353930	Rock	1.42	0.014	<1	121	331	195	23.5	10	2	153	1.55	42	<2	<1	<0.5	28	27	2	0.01	0.003
1353931	Rock	0.58	<0.005	<1	22	136	90	1.3	5	1	49	0.80	6	7	3	<0.5	<3	<3	2	0.02	0.008
1353932	Rock	0.95	4.229	<1	114	734	441	6.4	12	2	78	1.46	13	4	4	1.4	3	10	5	0.17	0.091

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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: 50 Mile
Report Date: September 26, 2014

CERTIFICATE OF ANALYSIS WHI14000165.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1393652	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1353930	Rock	2	2	<0.01	16	<0.001	<20	0.07	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
1353931	Rock	18	2	0.01	33	<0.001	<20	0.16	<0.01	0.15	<2	<0.05	<1	<5	<5	<5
1353932	Rock	5	5	0.02	34	0.001	<20	0.29	<0.01	0.18	<2	<0.05	<1	<5	<5	<5

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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: 50 Mile
Report Date: September 26, 2014

QUALITY CONTROL REPORT WHI14000165.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
Pulp Duplicates																					
1393634	Rock	0.80	0.412	57	1359	19	175	6.1	30	14	743	4.47	33	6	4	<0.5	<3	107	52	0.10	0.032
REP 1393634	QC		0.428	56	1361	16	173	6.1	30	14	737	4.44	33	6	4	<0.5	4	105	51	0.09	0.032
1353931	Rock	0.58	<0.005	<1	22	136	90	1.3	5	1	49	0.80	6	7	3	<0.5	<3	<3	2	0.02	0.008
REP 1353931	QC		<0.005																		
Core Reject Duplicates																					
1393637	Rock	0.43	<0.005	<1	35	6	69	<0.3	32	18	729	3.88	19	7	4	<0.5	<3	<3	56	0.10	0.033
DUP 1393637	QC		<0.005	<1	32	6	68	<0.3	31	17	697	3.82	17	6	4	<0.5	<3	<3	54	0.10	0.032
Reference Materials																					
STD DS10	Standard			12	154	154	369	2.0	73	12	874	2.68	44	6	61	2.5	8	11	41	1.03	0.076
STD OREAS45EA	Standard			2	617	11	28	<0.3	337	43	381	21.91	10	8	3	<0.5	4	<3	282	0.03	0.027
STD OXD108	Standard		0.429																		
STD OXI121	Standard		1.867																		
STD OXN117	Standard		7.705																		
STD OXD108 Expected			0.414																		
STD OXN117 Expected			7.679																		
STD OXI121 Expected			1.834																		
STD DS10 Expected				14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OREAS45EA Expected				1.39	709	14.3	28.9	0.26	381	52	400	23.51	9	10.7	3.5				303	0.036	0.029
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
Prep Wash																					
G1-WHI	Prep Blank		<0.005	<1	4	<3	52	<0.3	3	4	528	1.82	5	4	45	<0.5	<3	<3	33	0.44	0.072
G1-WHI	Prep Blank		<0.005	<1	5	<3	47	<0.3	3	4	531	1.79	7	5	48	<0.5	<3	<3	33	0.44	0.075

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PHONE (604) 253-3158

Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: 50 Mile
Report Date: September 26, 2014

QUALITY CONTROL REPORT WHI14000165.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																
1393634	Rock	13	80	1.54	166	0.042	<20	2.43	<0.01	0.37	<2	<0.05	<1	<5	<5	<5
REP 1393634	QC	12	78	1.53	167	0.042	<20	2.40	<0.01	0.37	<2	<0.05	<1	<5	<5	<5
1353931	Rock	18	2	0.01	33	<0.001	<20	0.16	<0.01	0.15	<2	<0.05	<1	<5	<5	<5
REP 1353931	QC															
Core Reject Duplicates																
1393637	Rock	15	78	1.19	136	0.048	<20	1.94	0.01	0.37	<2	<0.05	<1	<5	<5	6
DUP 1393637	QC	14	77	1.12	129	0.042	<20	1.90	0.02	0.37	<2	<0.05	<1	<5	<5	6
Reference Materials																
STD DS10	Standard	15	53	0.75	398	0.067	<20	0.96	0.06	0.32	2	0.29	<1	<5	<5	<5
STD OREAS45EA	Standard	8	800	0.08	143	0.084	<20	2.77	0.02	0.05	<2	<0.05	<1	<5	<5	75
STD OXD108	Standard															
STD OXI121	Standard															
STD OXN117	Standard															
STD OXD108 Expected																
STD OXN117 Expected																
STD OXI121 Expected																
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8
STD OREAS45EA Expected		6.57	849	0.095	148	0.0875		3.13	0.02	0.053		0.036			11.7	78
BLK	Blank															
BLK	Blank															
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
Prep Wash																
G1-WHI	Prep Blank	9	5	0.47	150	0.108	<20	0.86	0.07	0.46	<2	<0.05	<1	<5	<5	<5
G1-WHI	Prep Blank	9	4	0.47	162	0.109	<20	0.84	0.07	0.45	<2	<0.05	<1	<5	<5	<5

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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: September 02, 2014
Report Date: September 20, 2014
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI14000166.1

CLIENT JOB INFORMATION

Project: 50 Mile
Shipment ID: BOU2014-08-29
P.O. Number
Number of Samples: 99

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	99	Dry at 60C			WHI
SS80	98	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	99	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DISP2	99	Heat treatment of Soils and Sediments			VAN

ADDITIONAL COMMENTS

Invoice To: 0908937 BC Ltd.
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2
CANADA

CC: Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: 50 Mile
Report Date: September 20, 2014

CERTIFICATE OF ANALYSIS WHI14000166.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	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
1369818	Soil		1.5	30.7	12.7	63	0.2	11.2	4.8	122	2.08	5.4	0.6	2.4	1.0	17	0.2	0.5	0.3	46	0.16	0.045
1369816	Soil		5.0	316.9	11.2	84	0.4	13.2	14.7	603	2.83	4.7	1.1	15.9	2.5	34	0.4	0.9	0.3	63	0.49	0.056
1369814	Soil		2.4	98.2	9.7	57	0.3	11.2	5.9	147	2.43	5.7	0.8	15.0	1.7	16	0.2	0.5	0.7	53	0.17	0.046
1369815	Soil		4.0	364.6	12.7	90	0.4	13.4	8.4	222	2.67	4.8	1.2	16.7	3.1	33	0.6	0.6	0.3	59	0.46	0.050
1369822	Soil		0.6	79.6	7.4	92	0.1	10.0	7.1	339	2.54	2.9	0.5	<0.5	3.3	17	0.2	0.4	0.2	40	0.21	0.061
1369819	Soil		1.8	55.6	15.0	70	0.3	12.4	4.6	126	2.08	4.9	0.6	5.2	1.5	19	0.2	0.5	0.4	50	0.18	0.036
1369821	Soil		17.2	1294.0	14.7	97	0.5	13.4	11.1	325	4.51	1.7	1.5	41.0	8.1	34	0.8	0.9	1.1	113	0.43	0.115
1369817	Soil		1.2	11.4	14.2	100	0.1	12.6	11.5	495	2.72	5.6	0.5	1.1	1.9	19	0.3	0.7	0.2	64	0.26	0.050
1369783	Soil		2.5	69.8	12.5	64	0.2	11.8	7.6	234	2.72	7.6	0.8	5.8	2.0	18	0.2	0.7	0.6	59	0.17	0.050
1369825	Soil		0.3	24.3	12.0	97	<0.1	27.1	13.4	443	4.07	5.9	0.6	<0.5	12.7	14	<0.1	1.2	0.3	54	0.23	0.052
1369823	Soil		0.4	55.8	15.2	110	<0.1	30.8	13.3	519	4.66	8.3	1.7	<0.5	21.3	33	0.2	2.2	0.2	64	0.59	0.145
1369820	Soil		4.0	101.6	17.0	87	0.6	13.0	5.3	149	2.53	5.2	0.7	10.3	2.2	22	0.4	0.3	0.6	64	0.18	0.037
1369778	Soil		0.7	23.5	15.8	72	<0.1	19.4	8.8	267	2.98	8.3	1.0	1.2	8.0	17	<0.1	0.8	0.2	53	0.25	0.036
1369779	Soil		1.0	36.2	14.9	86	0.2	21.6	8.5	251	3.07	6.8	1.3	1.3	6.1	16	0.2	1.0	0.2	52	0.20	0.050
1369782	Soil		2.0	81.1	16.3	91	0.3	16.9	9.9	263	3.40	7.6	1.1	2.4	5.5	17	0.4	0.9	0.7	65	0.19	0.049
1369824	Soil		0.2	26.7	12.5	92	<0.1	26.6	13.7	483	3.98	5.2	0.7	<0.5	17.6	17	<0.1	1.2	0.3	43	0.31	0.069
1393109	Soil		1.1	216.9	16.1	93	<0.1	14.1	16.8	412	4.47	10.7	0.6	0.7	3.6	12	0.4	2.2	0.2	111	0.12	0.020
1393113	Soil		0.8	37.5	28.7	116	0.2	18.1	10.2	431	2.85	5.2	0.6	2.1	2.9	27	0.5	0.6	0.1	64	0.58	0.037
1393103	Soil		1.0	18.4	6.0	188	<0.1	18.1	16.6	527	4.45	2.4	0.6	0.6	2.6	32	0.2	0.6	0.2	119	0.47	0.027
1393115	Soil		0.7	33.8	9.6	91	<0.1	15.8	10.7	435	3.03	4.9	0.7	<0.5	3.5	21	0.2	0.7	0.2	69	0.26	0.029
1393111	Soil		1.5	16.8	9.9	75	<0.1	15.9	12.7	1275	3.88	9.5	0.4	<0.5	2.5	9	0.5	1.0	0.2	108	0.10	0.031
1393106	Soil		0.8	15.5	6.5	64	<0.1	17.5	19.5	766	4.40	4.2	0.3	<0.5	2.3	19	<0.1	0.7	0.3	129	0.21	0.034
1393107	Soil		1.4	68.4	10.3	87	0.2	16.8	13.3	480	4.28	2.5	0.9	1.3	4.1	25	0.1	1.3	0.5	91	0.36	0.033
1393116	Soil		0.7	24.9	12.1	89	0.1	15.0	9.8	450	2.66	4.9	0.6	1.8	3.0	25	0.2	0.7	0.1	59	0.43	0.049
1393112	Soil		1.3	48.0	44.7	151	0.9	18.9	10.9	652	2.87	4.4	1.2	6.1	2.9	27	0.7	0.5	0.2	67	0.42	0.066
1393114	Soil		0.7	29.6	12.3	98	<0.1	15.3	12.5	479	3.14	4.4	0.4	0.6	2.5	17	0.2	0.7	<0.1	71	0.21	0.035
1393105	Soil		1.5	23.1	14.6	95	0.2	18.8	12.6	493	3.54	5.6	1.0	3.4	3.4	54	0.3	1.2	0.2	72	0.59	0.046
1393104	Soil		1.5	23.7	7.7	164	<0.1	17.0	16.4	640	4.84	3.5	0.9	<0.5	5.1	45	0.3	1.2	0.3	114	0.62	0.060
1369828	Soil		1.4	34.5	6.3	58	<0.1	9.5	12.3	482	3.76	3.4	1.0	6.9	4.6	12	<0.1	1.8	<0.1	64	0.15	0.022
1393108	Soil		1.1	136.2	7.5	80	<0.1	18.8	11.9	274	4.61	6.1	0.5	<0.5	2.9	12	0.3	1.1	0.3	112	0.12	0.021

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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: 50 Mile
Report Date: September 20, 2014

CERTIFICATE OF ANALYSIS WHI14000166.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1369818	Soil		9	24	0.42	172	0.048	<1	1.33	0.009	0.05	0.2	0.07	3.4	0.1	<0.05	5	0.8	<0.2
1369816	Soil		15	29	0.69	464	0.066	2	1.71	0.013	0.17	0.1	0.26	7.1	0.2	<0.05	6	1.3	<0.2
1369814	Soil		9	19	0.45	213	0.051	<1	1.69	0.009	0.07	0.1	0.06	3.8	0.2	<0.05	5	0.6	<0.2
1369815	Soil		17	26	0.66	433	0.074	1	1.77	0.013	0.19	0.1	0.23	6.1	0.2	<0.05	6	1.0	<0.2
1369822	Soil		10	13	0.50	137	0.068	<1	1.41	0.008	0.26	0.1	0.02	2.5	0.1	<0.05	7	0.5	<0.2
1369819	Soil		10	29	0.51	184	0.062	<1	1.53	0.010	0.06	0.2	0.07	4.1	0.1	<0.05	5	0.9	<0.2
1369821	Soil		20	28	1.59	674	0.119	<1	2.83	0.021	0.82	<0.1	0.08	13.9	0.5	<0.05	8	2.8	0.9
1369817	Soil		8	31	0.64	326	0.076	<1	1.42	0.010	0.16	0.2	0.54	4.3	0.2	<0.05	5	1.0	<0.2
1369783	Soil		11	21	0.49	279	0.053	2	1.50	0.009	0.12	0.1	0.09	4.1	0.2	<0.05	5	1.0	0.2
1369825	Soil		20	46	1.09	358	0.258	<1	2.72	0.009	1.05	0.2	0.03	7.0	0.6	<0.05	10	0.7	<0.2
1369823	Soil		42	55	1.15	450	0.126	<1	2.15	0.008	0.57	0.2	0.08	8.1	0.3	<0.05	9	0.7	<0.2
1369820	Soil		10	35	0.67	247	0.089	1	1.78	0.011	0.11	0.1	0.08	5.4	0.2	<0.05	6	1.2	<0.2
1369778	Soil		29	31	0.58	308	0.092	<1	1.64	0.008	0.19	0.2	0.03	4.9	0.1	<0.05	6	<0.5	<0.2
1369779	Soil		27	33	0.56	267	0.086	1	1.64	0.009	0.33	<0.1	0.06	6.0	0.2	<0.05	6	<0.5	<0.2
1369782	Soil		18	30	0.69	279	0.089	<1	2.04	0.009	0.20	0.1	0.10	5.9	0.2	<0.05	7	0.7	<0.2
1369824	Soil		30	40	1.06	363	0.226	1	2.59	0.008	0.94	0.1	0.02	6.4	0.5	<0.05	9	<0.5	<0.2
1393109	Soil		8	55	1.65	531	0.116	<1	2.91	0.010	0.80	0.1	0.03	9.7	0.4	<0.05	8	1.5	0.2
1393113	Soil		11	32	0.84	493	0.091	<1	1.66	0.013	0.18	0.2	0.05	6.1	0.1	<0.05	5	<0.5	<0.2
1393103	Soil		7	59	1.74	764	0.134	2	2.84	0.013	0.62	<0.1	0.04	13.1	0.2	<0.05	9	<0.5	0.2
1393115	Soil		12	33	1.00	786	0.114	2	1.83	0.021	0.26	0.2	0.06	7.2	0.2	<0.05	6	<0.5	<0.2
1393111	Soil		9	51	0.81	197	0.068	<1	2.31	0.011	0.07	0.1	0.02	6.5	0.1	<0.05	10	<0.5	<0.2
1393106	Soil		6	62	2.01	660	0.114	<1	2.70	0.013	0.47	<0.1	0.03	12.1	0.2	<0.05	10	<0.5	<0.2
1393107	Soil		17	45	1.30	836	0.104	<1	2.16	0.010	0.52	0.2	0.11	13.8	0.3	<0.05	7	0.8	<0.2
1393116	Soil		11	26	0.83	467	0.099	<1	1.54	0.012	0.18	0.3	0.22	6.2	0.1	<0.05	5	<0.5	<0.2
1393112	Soil		28	39	0.85	590	0.080	1	1.95	0.013	0.15	0.2	0.16	9.5	0.1	<0.05	6	0.9	<0.2
1393114	Soil		7	28	1.04	365	0.122	<1	1.93	0.010	0.32	0.1	0.03	6.1	0.2	<0.05	7	<0.5	<0.2
1393105	Soil		13	31	0.57	880	0.053	<1	1.73	0.011	0.19	0.2	0.07	10.9	<0.1	<0.05	6	<0.5	<0.2
1393104	Soil		21	48	1.59	1028	0.116	<1	2.54	0.008	0.62	<0.1	0.04	17.3	0.3	<0.05	9	0.7	<0.2
1369828	Soil		22	13	0.49	583	0.052	<1	1.25	0.006	0.27	0.1	<0.01	10.4	<0.1	<0.05	4	0.7	<0.2
1393108	Soil		6	64	1.51	425	0.118	<1	3.13	0.012	0.40	0.1	0.03	10.3	0.2	<0.05	9	0.8	0.3

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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: 50 Mile
Report Date: September 20, 2014

CERTIFICATE OF ANALYSIS WHI14000166.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	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
1393110	Soil	0.6	16.6	14.2	106	<0.1	8.5	13.8	690	4.67	2.4	0.5	0.6	2.9	16	0.2	0.9	0.2	110	0.36	0.046
1393102	Soil	1.3	23.6	6.5	59	<0.1	19.1	17.3	434	5.49	3.8	0.6	<0.5	4.0	24	0.1	0.4	0.8	137	0.34	0.028
1369834	Soil	0.7	40.9	10.8	61	<0.1	12.3	13.1	560	4.06	5.3	0.7	0.9	3.9	10	<0.1	1.7	0.1	52	0.30	0.034
1369836	Soil	0.6	53.4	12.9	96	0.4	16.6	19.2	1468	5.90	49.1	0.6	14.0	1.0	43	<0.1	4.8	<0.1	78	2.89	0.046
1369832	Soil	1.6	29.9	3.4	58	<0.1	11.1	11.6	652	4.07	3.3	1.3	<0.5	4.4	10	<0.1	0.4	<0.1	34	0.24	0.071
1369829	Soil	1.4	192.5	17.3	85	0.2	39.8	65.2	870	9.20	7.6	1.7	<0.5	4.0	11	<0.1	4.8	0.2	70	0.17	0.025
1369833	Soil	0.9	19.1	14.9	47	<0.1	15.9	6.0	250	2.14	5.7	0.5	2.1	2.3	13	0.1	0.8	0.1	39	0.14	0.021
1369835	Soil	1.2	19.0	10.2	63	<0.1	24.8	10.5	357	3.18	15.2	0.7	7.3	3.5	20	0.1	3.3	0.1	53	0.23	0.025
1369830	Soil	4.3	56.4	10.1	121	0.1	52.4	15.4	695	4.83	56.2	1.1	15.8	3.1	28	0.1	5.6	0.2	78	0.56	0.157
1369827	Soil	0.8	31.5	8.0	67	<0.1	9.3	10.8	512	3.26	4.6	0.6	0.8	4.6	14	<0.1	1.3	0.1	58	0.26	0.023
1369781	Soil	1.5	47.5	12.8	86	0.2	15.8	10.3	237	3.89	7.5	0.9	3.2	6.3	16	<0.1	1.0	0.6	62	0.21	0.040
1369776	Soil	0.6	26.1	14.8	84	<0.1	23.5	12.2	330	3.50	6.3	0.9	0.6	10.5	18	<0.1	0.7	0.2	53	0.19	0.034
1369812	Soil	1.8	117.5	13.7	87	0.6	12.0	8.6	234	2.88	7.1	1.0	15.4	4.0	26	0.2	0.7	1.0	61	0.31	0.056
1369831	Soil	3.5	55.5	11.3	138	0.4	19.6	19.6	2093	5.74	17.0	1.1	34.4	3.6	18	0.9	5.5	0.1	33	0.53	0.039
1369780	Soil	1.2	28.0	17.7	81	0.2	17.2	10.7	311	3.49	8.0	0.8	4.1	6.2	15	<0.1	1.0	0.4	58	0.18	0.049
1369803	Soil	0.7	48.5	8.5	63	0.2	25.7	13.6	217	3.29	6.4	1.3	3.3	8.6	21	0.1	0.7	0.2	65	0.30	0.046
1369777	Soil	0.5	29.9	18.1	112	<0.1	28.8	11.3	421	3.85	11.8	1.3	2.4	14.2	21	0.1	1.2	0.2	50	0.32	0.078
1369805	Soil	0.7	50.4	6.4	52	0.1	18.3	12.4	385	3.21	6.0	0.9	3.3	4.6	27	<0.1	0.7	0.1	78	0.41	0.057
1369806	Soil	0.7	53.3	8.0	56	0.1	18.1	10.7	243	3.08	8.8	0.8	4.2	5.2	19	<0.1	0.8	0.2	64	0.24	0.048
1374090	Soil	1.1	32.7	13.3	65	<0.1	11.3	11.3	656	2.87	3.7	0.7	1.7	2.8	14	<0.1	5.4	0.4	32	0.22	0.056
1369804	Soil	0.8	29.9	8.4	50	0.1	16.9	10.9	241	3.02	7.6	0.9	2.9	3.6	27	<0.1	0.6	0.2	75	0.37	0.053
1369810	Soil	0.9	93.3	9.9	69	0.4	11.5	7.0	134	2.45	6.3	0.7	10.1	2.7	18	0.2	0.6	0.3	68	0.23	0.046
1374092	Soil	1.3	50.8	16.3	95	<0.1	15.7	16.0	949	4.63	20.3	0.6	4.1	3.6	16	0.2	2.6	0.3	73	0.15	0.034
1374093	Soil	1.8	22.2	10.0	76	<0.1	12.7	8.1	334	2.77	5.3	0.5	0.9	3.2	17	0.2	0.9	0.2	49	0.21	0.027
1369808	Soil	0.9	34.3	4.9	46	0.1	13.7	7.3	188	2.87	4.8	0.6	3.1	3.1	23	<0.1	0.4	0.2	78	0.25	0.045
1369813	Soil	2.5	113.1	15.0	83	0.4	12.0	7.7	177	3.05	9.6	0.9	14.7	3.1	20	0.1	0.8	4.0	61	0.21	0.049
1374096	Soil	1.0	12.3	6.9	43	<0.1	10.1	6.8	238	2.36	5.7	0.4	4.5	0.9	13	<0.1	0.5	0.1	61	0.18	0.042
1374095	Soil	1.1	19.7	9.5	58	<0.1	24.7	12.0	264	3.27	12.2	0.6	1.5	4.2	13	<0.1	0.8	0.2	65	0.11	0.020
1369802	Soil	1.0	49.4	8.4	58	0.2	23.5	11.9	300	3.45	8.0	1.6	2.1	6.6	22	<0.1	0.6	0.2	74	0.28	0.049
1369809	Soil	1.1	108.2	7.9	60	0.2	17.0	11.5	212	3.34	7.6	1.0	6.0	4.3	23	<0.1	0.7	0.2	76	0.25	0.049

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1393110	Soil	11	19	1.49	720	0.110	<1	2.53	0.009	0.54	0.1	0.03	15.1	0.3	<0.05	9	0.7	<0.2
1393102	Soil	11	66	1.83	736	0.090	<1	3.08	0.013	0.32	<0.1	0.02	17.1	0.1	<0.05	11	1.8	0.3
1369834	Soil	10	12	0.14	511	0.002	<1	0.73	0.004	0.12	0.2	0.09	21.9	0.1	<0.05	2	<0.5	<0.2
1369836	Soil	3	15	0.36	1021	<0.001	2	0.52	0.003	0.17	0.4	0.06	21.1	0.1	0.09	2	1.7	<0.2
1369832	Soil	17	14	0.38	718	0.031	<1	1.01	0.007	0.14	<0.1	0.03	11.8	<0.1	<0.05	5	<0.5	<0.2
1369829	Soil	13	80	0.16	1304	0.002	<1	0.68	0.003	0.18	<0.1	0.07	19.5	0.1	<0.05	3	2.3	0.2
1369833	Soil	11	19	0.37	397	0.024	1	1.24	0.009	0.06	0.1	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
1369835	Soil	10	26	0.43	479	0.035	1	1.39	0.009	0.06	0.2	0.03	6.4	0.1	<0.05	4	<0.5	<0.2
1369830	Soil	15	35	0.46	788	0.016	2	1.54	0.013	0.08	0.2	0.12	11.8	0.1	<0.05	5	0.9	<0.2
1369827	Soil	23	16	0.72	816	0.070	<1	1.47	0.006	0.35	0.2	0.01	12.7	0.2	<0.05	5	<0.5	<0.2
1369781	Soil	18	32	0.76	349	0.090	<1	1.79	0.008	0.26	0.1	0.09	5.6	0.2	<0.05	6	<0.5	<0.2
1369776	Soil	34	36	0.75	363	0.119	2	2.25	0.009	0.36	0.1	0.05	5.7	0.3	<0.05	8	<0.5	<0.2
1369812	Soil	15	20	0.65	356	0.077	1	1.99	0.014	0.15	0.2	0.12	5.4	0.2	<0.05	7	<0.5	<0.2
1369831	Soil	11	11	0.34	680	0.002	2	0.70	0.005	0.11	0.2	0.13	13.2	0.4	<0.05	2	<0.5	<0.2
1369780	Soil	22	34	0.61	207	0.079	<1	1.81	0.008	0.24	0.2	0.10	5.2	0.2	<0.05	7	<0.5	<0.2
1369803	Soil	23	38	0.83	462	0.126	2	2.11	0.011	0.34	0.2	0.36	6.8	0.3	<0.05	7	<0.5	<0.2
1369777	Soil	46	46	0.82	404	0.144	<1	1.98	0.010	0.58	<0.1	0.05	6.5	0.4	<0.05	8	<0.5	<0.2
1369805	Soil	14	32	0.74	419	0.085	<1	1.89	0.014	0.14	0.1	0.11	7.0	0.2	<0.05	7	<0.5	<0.2
1369806	Soil	15	28	0.64	282	0.074	<1	1.83	0.010	0.10	0.1	0.15	4.5	0.1	<0.05	7	<0.5	<0.2
1374090	Soil	15	26	0.27	736	0.006	<1	0.69	0.004	0.12	0.1	0.02	9.8	<0.1	<0.05	2	<0.5	<0.2
1369804	Soil	14	29	0.65	633	0.057	1	1.83	0.010	0.09	0.1	0.61	7.0	0.1	<0.05	7	0.6	<0.2
1369810	Soil	12	20	0.66	341	0.066	<1	1.79	0.011	0.14	<0.1	0.14	6.3	0.1	<0.05	7	<0.5	<0.2
1374092	Soil	11	30	0.56	741	0.011	<1	1.42	0.005	0.11	0.1	0.03	10.7	0.1	<0.05	4	<0.5	<0.2
1374093	Soil	13	18	0.64	632	0.051	<1	1.51	0.011	0.10	0.1	0.01	6.0	0.1	<0.05	5	<0.5	<0.2
1369808	Soil	12	26	0.88	627	0.107	<1	1.88	0.012	0.21	0.1	0.07	6.0	0.2	<0.05	7	<0.5	<0.2
1369813	Soil	11	21	0.54	327	0.057	1	1.95	0.011	0.09	0.2	0.07	4.8	0.2	<0.05	6	<0.5	<0.2
1374096	Soil	9	25	0.51	237	0.046	1	1.47	0.011	0.08	0.1	0.03	4.1	<0.1	<0.05	6	<0.5	<0.2
1374095	Soil	12	34	0.63	207	0.059	<1	2.51	0.011	0.08	0.1	0.02	5.4	<0.1	<0.05	7	<0.5	<0.2
1369802	Soil	27	38	0.82	427	0.090	<1	2.62	0.012	0.27	0.1	0.22	7.4	0.3	<0.05	9	0.8	<0.2
1369809	Soil	16	30	0.77	713	0.085	<1	2.09	0.011	0.15	0.1	0.12	7.0	0.2	<0.05	7	0.6	<0.2

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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: 50 Mile
Report Date: September 20, 2014

CERTIFICATE OF ANALYSIS WHI14000166.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	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
1374091	Soil		1.3	25.4	23.6	212	<0.1	11.0	10.9	841	3.70	3.0	0.5	<0.5	3.9	29	0.2	0.7	0.2	63	0.37	0.027
1374094	Soil		1.1	20.3	11.2	88	<0.1	16.4	10.1	274	3.49	5.9	0.5	1.7	2.8	12	0.3	0.6	0.1	77	0.13	0.017
1369807	Soil		0.6	69.1	7.9	49	0.1	16.0	8.8	203	2.55	6.7	1.1	3.5	4.9	20	0.1	0.6	0.2	60	0.26	0.051
1369811	Soil		1.3	70.9	8.6	69	0.4	9.2	5.2	151	2.20	3.7	0.5	6.5	2.0	17	0.1	0.3	0.3	56	0.21	0.043
1374097	Soil		0.7	13.5	10.3	49	<0.1	12.5	9.5	473	2.76	4.8	1.2	2.3	8.0	18	<0.1	1.2	0.2	45	0.19	0.027
1374082	Soil		1.3	53.2	7.2	67	<0.1	27.4	21.3	655	5.13	2.1	0.5	2.0	2.9	8	<0.1	0.3	0.3	128	0.11	0.025
1374100	Soil		1.0	23.8	10.3	57	<0.1	13.4	9.0	256	2.93	6.0	0.5	1.1	3.5	10	0.2	0.4	0.1	62	0.09	0.021
1374080	Soil		0.9	73.5	5.4	75	0.2	25.0	22.8	794	4.48	5.2	1.0	4.2	6.4	21	0.3	1.3	2.1	90	0.42	0.077
1374098	Soil		1.0	20.5	8.6	53	<0.1	14.5	11.3	382	3.35	5.5	0.6	1.7	3.2	11	<0.1	0.5	0.1	62	0.11	0.030
1374078	Soil		0.9	8.1	8.3	48	<0.1	6.7	4.3	132	1.84	3.9	0.5	1.8	1.7	14	<0.1	1.2	0.1	41	0.12	0.017
1374084	Soil		0.4	26.1	17.8	86	<0.1	34.0	13.7	574	3.83	8.6	1.0	2.6	15.2	20	<0.1	0.8	0.2	46	0.31	0.057
1374087	Soil		1.1	16.3	12.7	55	<0.1	23.9	13.9	520	3.90	4.5	0.8	2.0	5.6	17	<0.1	1.6	0.1	69	0.22	0.022
1374099	Soil		3.8	97.2	4.7	83	<0.1	5.2	18.0	361	4.37	1.3	0.5	4.3	4.4	8	<0.1	0.1	0.1	63	0.17	0.062
1374081	Soil		3.9	27.9	9.8	78	<0.1	14.2	16.4	785	4.92	1.0	1.0	<0.5	5.9	27	0.1	1.2	0.2	106	0.47	0.034
1374086	Soil		1.2	5.1	2.5	37	<0.1	25.5	19.0	450	4.54	1.6	0.6	<0.5	3.5	12	<0.1	0.3	<0.1	118	0.21	0.024
1374088	Soil		0.2	6.5	8.2	64	<0.1	13.2	8.4	1169	2.66	1.6	0.5	1.1	3.8	33	<0.1	1.6	0.2	48	0.42	0.029
1369826	Soil		0.8	18.5	8.4	73	<0.1	13.1	10.0	463	2.94	4.5	0.5	1.2	3.7	12	<0.1	0.6	0.2	59	0.13	0.020
1374085	Soil		1.1	16.7	10.6	57	<0.1	16.7	8.1	381	3.29	7.6	0.5	<0.5	4.9	9	<0.1	0.5	0.4	62	0.08	0.026
1374089	Soil		1.2	24.8	8.3	81	<0.1	12.1	14.8	758	4.15	1.7	0.7	<0.5	4.1	6	<0.1	1.1	0.3	81	0.09	0.028
1374079	Soil		1.1	14.2	12.6	63	<0.1	15.4	8.8	290	2.90	10.5	0.5	<0.5	2.5	25	<0.1	1.1	0.2	55	0.23	0.023
1374083	Soil		0.5	6.7	4.1	37	<0.1	31.6	21.1	492	4.56	1.5	0.4	<0.5	3.3	16	<0.1	0.5	<0.1	140	0.27	0.024
1393121	Soil		2.1	119.5	13.9	124	0.2	15.5	15.6	571	3.62	4.5	0.6	1.2	2.8	23	0.5	0.7	<0.1	92	0.42	0.042
1352756	Soil		5.2	175.5	5.6	80	0.5	6.2	13.0	407	4.95	2.2	0.7	<0.5	2.6	24	<0.1	0.2	0.1	116	0.14	0.031
1352758	Soil		1.5	70.9	23.3	81	0.2	16.1	10.3	320	3.75	9.7	0.6	2.2	2.9	20	<0.1	7.6	1.3	76	0.28	0.027
1393124	Soil		1.2	61.4	5.7	85	0.2	14.5	15.5	537	4.53	4.4	0.7	0.9	3.3	20	<0.1	1.6	0.1	98	0.34	0.025
1393120	Soil		5.0	613.0	20.3	95	1.4	14.5	12.0	347	3.49	3.1	1.4	12.7	3.0	31	0.3	0.5	0.1	88	0.54	0.037
1393122	Soil		1.0	47.2	10.5	86	0.3	13.8	8.7	303	2.85	5.3	0.6	1.0	3.2	19	0.2	0.5	0.2	74	0.23	0.016
1352757	Soil		1.8	77.9	7.1	101	<0.1	4.9	12.4	473	4.12	2.8	0.6	<0.5	3.0	18	<0.1	0.8	0.5	96	0.22	0.020
1352753	Soil		1.6	133.7	19.7	128	0.1	11.0	12.6	503	4.38	4.2	0.4	<0.5	2.3	11	0.4	0.2	0.6	109	0.11	0.019
1393123	Soil		0.7	76.7	4.3	106	<0.1	18.6	17.3	544	4.38	4.1	0.4	<0.5	2.8	20	0.2	0.6	0.1	111	0.30	0.024

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Project: 50 Mile
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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1374091	Soil	37	20	1.74	1548	0.142	<1	2.58	0.011	0.40	0.1	0.02	16.1	0.3	<0.05	9	<0.5	<0.2
1374094	Soil	11	38	1.16	339	0.072	1	2.37	0.008	0.15	0.1	0.02	9.1	0.1	<0.05	8	<0.5	<0.2
1369807	Soil	18	25	0.62	506	0.068	<1	1.78	0.011	0.11	0.2	0.13	6.1	0.1	<0.05	6	<0.5	<0.2
1369811	Soil	10	17	0.63	241	0.073	1	1.63	0.011	0.20	0.1	0.08	4.8	0.2	<0.05	6	<0.5	<0.2
1374097	Soil	22	17	0.37	365	0.033	<1	1.33	0.008	0.09	0.1	0.01	6.0	<0.1	<0.05	4	<0.5	<0.2
1374082	Soil	9	86	2.17	557	0.150	<1	3.29	0.012	0.84	0.1	0.01	12.6	0.2	<0.05	9	<0.5	<0.2
1374100	Soil	12	22	0.80	537	0.071	<1	2.03	0.011	0.28	0.1	0.01	7.0	<0.1	<0.05	7	<0.5	<0.2
1374080	Soil	15	48	0.73	709	0.036	<1	1.44	0.020	0.25	<0.1	0.62	22.0	0.2	<0.05	5	1.1	2.0
1374098	Soil	15	22	0.87	303	0.062	<1	2.21	0.010	0.23	0.1	0.03	7.1	0.1	<0.05	7	<0.5	<0.2
1374078	Soil	7	13	0.33	361	0.023	<1	1.19	0.007	0.08	0.1	0.03	2.4	<0.1	<0.05	5	<0.5	<0.2
1374084	Soil	55	61	0.93	353	0.102	<1	2.13	0.008	0.39	<0.1	0.04	7.3	0.3	<0.05	8	<0.5	<0.2
1374087	Soil	21	50	0.57	627	0.018	<1	1.52	0.007	0.11	<0.1	0.04	13.6	0.1	<0.05	5	0.6	<0.2
1374099	Soil	18	12	1.82	341	0.079	<1	2.72	0.008	0.40	<0.1	<0.01	15.8	0.1	<0.05	11	0.7	<0.2
1374081	Soil	16	29	1.19	754	0.091	<1	1.93	0.006	0.76	0.6	0.02	12.9	0.3	<0.05	6	<0.5	<0.2
1374086	Soil	11	88	2.00	630	0.149	<1	2.71	0.022	0.75	0.2	<0.01	13.5	0.3	<0.05	9	<0.5	<0.2
1374088	Soil	16	13	1.16	1370	0.076	1	1.78	0.007	0.35	<0.1	0.01	7.2	0.2	<0.05	5	<0.5	<0.2
1369826	Soil	11	23	0.65	287	0.057	1	1.77	0.008	0.21	0.1	0.01	7.1	0.1	<0.05	6	<0.5	<0.2
1374085	Soil	14	28	0.58	191	0.072	2	2.17	0.007	0.20	0.1	0.02	3.7	0.2	<0.05	8	<0.5	<0.2
1374089	Soil	9	26	1.23	386	0.102	1	2.37	0.009	0.61	0.2	<0.01	10.4	0.2	<0.05	7	<0.5	<0.2
1374079	Soil	10	23	0.44	594	0.033	<1	1.53	0.009	0.09	0.1	0.03	4.5	<0.1	<0.05	6	0.6	<0.2
1374083	Soil	10	92	2.38	705	0.188	1	3.02	0.011	0.72	<0.1	0.02	11.4	0.3	<0.05	9	<0.5	<0.2
1393121	Soil	8	35	1.28	609	0.144	<1	2.04	0.012	0.70	0.2	0.06	7.4	0.3	<0.05	7	0.6	<0.2
1352756	Soil	5	11	1.28	528	0.233	<1	3.43	0.017	1.06	0.1	0.02	6.5	0.5	<0.05	9	0.8	<0.2
1352758	Soil	10	26	0.59	506	0.048	1	1.77	0.011	0.09	<0.1	0.06	6.8	0.1	<0.05	6	<0.5	<0.2
1393124	Soil	7	29	1.12	748	0.120	1	1.86	0.011	0.58	0.1	0.03	11.8	0.2	<0.05	7	1.1	<0.2
1393120	Soil	19	31	1.08	734	0.116	2	2.39	0.017	0.48	0.1	0.19	11.5	0.3	<0.05	8	1.6	<0.2
1393122	Soil	12	30	0.82	505	0.123	1	1.66	0.014	0.23	0.2	0.03	5.1	0.1	<0.05	6	<0.5	<0.2
1352757	Soil	13	9	1.21	687	0.175	<1	2.37	0.013	0.81	0.2	0.01	7.7	0.4	<0.05	7	<0.5	<0.2
1352753	Soil	4	27	1.40	479	0.188	1	2.76	0.012	0.90	0.2	<0.01	6.9	0.3	<0.05	9	0.6	<0.2
1393123	Soil	9	46	1.76	838	0.155	1	2.67	0.012	0.73	0.1	0.03	8.3	0.2	<0.05	8	<0.5	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	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
1352755	Soil	1.7	298.0	12.4	166	0.5	12.5	17.0	340	4.69	4.9	0.6	1.4	4.5	13	0.5	0.5	0.7	109	0.12	0.013
1352754	Soil	3.0	283.7	11.6	117	0.3	10.5	13.7	357	4.46	3.1	0.7	<0.5	4.2	11	0.3	0.2	0.4	105	0.10	0.017
1393118	Soil	1.8	101.0	10.7	76	<0.1	19.0	16.3	564	4.26	4.4	0.6	1.3	3.3	20	<0.1	2.0	<0.1	104	0.35	0.017
1393125	Soil	1.0	55.1	5.9	78	0.2	12.7	14.7	502	4.32	3.5	0.6	<0.5	3.6	17	0.1	1.7	0.1	91	0.30	0.024
1352752	Soil	1.1	106.9	8.2	86	0.2	16.9	17.7	614	4.63	2.4	0.7	0.7	3.4	24	<0.1	0.9	0.2	119	0.36	0.027
1352759	Soil	0.3	27.3	8.6	83	<0.1	10.5	9.5	447	3.49	2.6	1.2	<0.5	4.1	24	<0.1	2.8	0.4	71	0.44	0.075
1393119	Soil	1.2	62.3	24.4	205	<0.1	17.7	17.1	835	4.32	3.8	0.4	<0.5	2.3	19	0.5	0.6	0.1	116	0.18	0.024
1393117	Soil	1.1	25.5	15.1	80	<0.1	12.2	8.9	418	2.91	4.6	0.7	<0.5	4.1	19	<0.1	1.2	0.1	51	0.31	0.024
1393101	Rock Pulp	2.2	22.4	2.3	43	0.3	23.1	9.2	379	2.27	5.0	0.2	<0.5	0.9	40	0.2	0.3	<0.1	57	0.79	0.055

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: 50 Mile
Report Date: September 20, 2014

CERTIFICATE OF ANALYSIS WHI14000166.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1352755	Soil	10	24	1.31	421	0.143	<1	3.57	0.016	0.72	0.1	0.02	12.2	0.4	<0.05	9	1.0	<0.2
1352754	Soil	8	15	1.39	394	0.174	1	3.14	0.013	0.86	0.2	0.02	10.4	0.7	<0.05	9	0.9	<0.2
1393118	Soil	10	49	1.58	546	0.149	<1	2.45	0.009	0.55	0.2	0.09	9.0	0.3	<0.05	7	<0.5	<0.2
1393125	Soil	7	25	0.97	680	0.109	<1	1.67	0.011	0.53	0.2	0.03	11.6	0.2	<0.05	6	<0.5	<0.2
1352752	Soil	10	37	1.75	789	0.150	1	2.71	0.013	0.79	0.1	0.02	10.1	0.3	<0.05	8	<0.5	<0.2
1352759	Soil	13	23	1.03	667	0.077	<1	1.89	0.007	0.29	0.1	<0.01	5.1	0.1	<0.05	8	<0.5	<0.2
1393119	Soil	5	50	1.72	897	0.158	<1	2.61	0.012	0.84	0.2	0.02	8.0	0.3	<0.05	8	<0.5	<0.2
1393117	Soil	12	18	0.61	558	0.075	<1	1.27	0.011	0.19	0.2	0.05	7.5	0.1	<0.05	5	<0.5	<0.2
1393101	Rock Pulp	4	27	0.72	90	0.103	3	1.46	0.072	0.12	13.7	0.01	4.8	<0.1	<0.05	5	<0.5	<0.2

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Bureau Veritas Commodities Canada Ltd.
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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: 50 Mile
Report Date: September 20, 2014

QUALITY CONTROL REPORT   WHI14000166.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	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
Pulp Duplicates																					
1369824	Soil	0.2	26.7	12.5	92	<0.1	26.6	13.7	483	3.98	5.2	0.7	<0.5	17.6	17	<0.1	1.2	0.3	43	0.31	0.069
REP 1369824	QC	0.2	26.2	12.4	91	<0.1	25.8	13.2	473	3.88	4.9	0.7	0.7	18.1	16	<0.1	1.3	0.2	42	0.30	0.066
1369810	Soil	0.9	93.3	9.9	69	0.4	11.5	7.0	134	2.45	6.3	0.7	10.1	2.7	18	0.2	0.6	0.3	68	0.23	0.046
REP 1369810	QC	0.9	95.3	9.9	68	0.4	11.2	7.3	140	2.51	6.1	0.8	7.9	2.7	18	0.1	0.5	0.2	70	0.23	0.044
1352757	Soil	1.8	77.9	7.1	101	<0.1	4.9	12.4	473	4.12	2.8	0.6	<0.5	3.0	18	<0.1	0.8	0.5	96	0.22	0.020
REP 1352757	QC	2.1	79.2	7.3	107	<0.1	5.4	13.2	498	4.31	2.2	0.7	<0.5	3.2	19	<0.1	0.9	0.5	101	0.24	0.020
Reference Materials																					
STD DS10	Standard	14.5	139.1	139.9	352	1.9	71.9	11.6	840	2.63	44.2	2.5	116.6	7.0	67	2.5	9.6	11.9	42	1.01	0.068
STD DS10	Standard	14.1	149.7	151.0	363	1.9	75.1	12.3	859	2.71	44.3	2.4	80.6	7.0	67	2.7	9.7	12.0	42	1.02	0.073
STD DS10	Standard	14.1	146.4	148.1	365	2.0	77.0	11.6	876	2.76	44.9	2.7	94.1	7.3	69	2.6	9.9	12.2	43	1.03	0.077
STD OXC109	Standard	1.5	32.7	10.8	42	<0.1	71.2	17.9	390	2.74	0.7	0.6	201.9	1.3	143	<0.1	<0.1	<0.1	45	0.63	0.101
STD OXC109	Standard	1.5	32.9	10.9	41	<0.1	69.1	17.9	402	2.82	0.6	0.6	199.6	1.4	137	<0.1	<0.1	<0.1	46	0.65	0.101
STD OXC109	Standard	1.3	33.1	11.0	42	<0.1	69.7	18.5	385	2.80	0.8	0.6	189.3	1.5	142	<0.1	<0.1	<0.1	46	0.64	0.100
STD DS10 Expected		14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OXC109 Expected													201								
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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

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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: 50 Mile
Report Date: September 20, 2014

QUALITY CONTROL REPORT WHI14000166.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1369824	Soil	30	40	1.06	363	0.226	1	2.59	0.008	0.94	0.1	0.02	6.4	0.5	<0.05	9	<0.5	<0.2
REP 1369824	QC	30	40	1.00	363	0.218	<1	2.50	0.007	0.91	0.1	0.02	6.4	0.5	<0.05	8	0.5	<0.2
1369810	Soil	12	20	0.66	341	0.066	<1	1.79	0.011	0.14	<0.1	0.14	6.3	0.1	<0.05	7	<0.5	<0.2
REP 1369810	QC	12	20	0.66	343	0.067	<1	1.82	0.012	0.14	0.2	0.13	6.0	0.1	<0.05	7	<0.5	<0.2
1352757	Soil	13	9	1.21	687	0.175	<1	2.37	0.013	0.81	0.2	0.01	7.7	0.4	<0.05	7	<0.5	<0.2
REP 1352757	QC	14	10	1.27	711	0.189	<1	2.50	0.013	0.85	0.2	0.03	7.6	0.4	<0.05	7	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	17	50	0.70	350	0.074	6	0.97	0.061	0.32	3.4	0.28	2.9	4.9	0.23	5	2.3	5.5
STD DS10	Standard	17	52	0.75	341	0.075	9	0.99	0.060	0.32	3.3	0.34	2.8	4.8	0.29	4	2.0	5.0
STD DS10	Standard	18	53	0.79	361	0.076	8	1.06	0.064	0.33	3.3	0.29	3.2	5.1	0.25	5	2.1	5.0
STD OXC109	Standard	12	53	1.41	54	0.337	<1	1.45	0.658	0.41	0.2	<0.01	1.3	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	12	53	1.35	54	0.347	1	1.39	0.632	0.39	0.2	<0.01	1.2	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	13	54	1.39	54	0.343	2	1.43	0.660	0.41	0.2	<0.01	1.4	<0.1	<0.05	6	<0.5	<0.2
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OXC109 Expected																		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: October 02, 2014
Report Date: October 16, 2014
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI14000223.1

CLIENT JOB INFORMATION

Project: CAL
Shipment ID: 50M2014-09-24
P.O. Number
Number of Samples: 34

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	32	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	34	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
AQ300	34	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: 0908937 BC Ltd.
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2
CANADA

CC: Isaac Fage
Jean Pautler

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: CAL
Report Date: October 16, 2014

CERTIFICATE OF ANALYSIS WHI14000223.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1369851	Rock	2.03	0.015	<1	30	14	128	0.7	27	13	773	3.36	187	6	6	0.7	4	<3	67	0.21	0.027
1369852	Rock	1.88	0.020	1	28	31	143	0.8	21	10	819	2.92	404	9	4	<0.5	13	<3	36	0.13	0.021
1369853	Rock	2.80	0.014	<1	19	5	87	<0.3	24	12	685	2.91	273	6	7	<0.5	<3	<3	54	0.30	0.027
1369854	Rock	2.00	<0.005	<1	12	5	69	<0.3	19	11	582	2.55	65	5	9	<0.5	<3	<3	51	0.29	0.022
1369855	Rock	1.88	<0.005	<1	14	10	50	<0.3	15	8	418	1.89	98	3	7	<0.5	<3	<3	36	0.21	0.019
1369856	Rock	1.92	0.019	<1	16	14	182	0.5	24	12	778	3.11	247	6	7	1.4	3	<3	68	0.21	0.026
1369857	Rock	2.71	0.045	<1	26	14	366	1.0	26	13	938	3.35	443	4	5	1.5	8	<3	57	0.17	0.028
1369858	Rock	2.17	0.042	<1	28	7	95	0.8	28	14	848	3.48	272	5	8	<0.5	5	<3	69	0.22	0.031
1369859	Rock	2.22	0.031	<1	21	3	153	0.4	26	13	673	3.09	168	3	9	<0.5	5	<3	75	0.30	0.031
1369860	Rock	2.40	0.022	<1	27	6	282	0.7	24	12	705	3.01	122	4	8	1.2	5	<3	62	0.34	0.028
1369861	Rock	2.53	0.024	<1	27	167	560	6.6	22	11	749	2.74	136	4	6	1.7	11	<3	53	0.21	0.025
1369862	Rock	2.61	0.073	<1	53	1457	1492	7.1	20	10	1261	3.64	620	3	6	8.4	18	<3	54	0.20	0.028
1369863	Rock	2.58	0.030	<1	20	181	471	1.4	24	12	803	2.97	114	2	9	2.9	5	<3	65	0.32	0.031
1369864	Rock	2.16	0.024	<1	21	513	607	4.0	22	12	919	3.15	276	3	6	3.5	13	<3	63	0.20	0.033
1369865	Rock	1.91	0.037	<1	52	483	1023	3.2	23	12	1171	3.63	428	3	8	7.3	20	<3	59	0.21	0.030
1369866	Rock	2.37	0.011	<1	21	102	423	1.0	20	10	847	2.71	170	3	6	2.1	10	<3	48	0.20	0.027
1369867	Rock	2.26	0.038	<1	26	285	897	2.1	27	14	1450	3.57	289	4	7	5.5	12	<3	71	0.22	0.032
1369868	Rock	2.12	0.023	<1	24	192	545	1.3	24	13	1189	3.25	232	4	6	3.5	12	<3	66	0.23	0.028
1369869	Rock	1.76	0.038	<1	71	1568	809	11.9	18	10	1035	3.06	512	2	6	7.0	123	4	45	0.19	0.022
1369870	Rock	2.21	0.012	<1	39	105	685	1.0	22	13	1361	3.23	314	3	8	9.1	10	<3	63	0.29	0.028
1369871	Rock Pulp	0.12	1.548	8	42	<3	49	<0.3	30	8	464	3.16	6	<2	38	<0.5	<3	<3	64	0.89	0.057
1369872	Rock Pulp	0.12	0.011	2	22	<3	40	<0.3	22	8	381	2.33	4	<2	35	<0.5	<3	<3	57	0.77	0.055
1369873	Rock	2.30	0.014	<1	29	98	532	1.0	23	11	1395	3.46	176	3	7	4.4	8	<3	71	0.29	0.031
1369874	Rock	2.56	0.039	1	21	42	399	1.0	26	11	1260	3.74	230	3	8	3.4	6	<3	74	0.27	0.029
1369875	Rock	2.75	0.013	<1	27	121	553	0.5	22	12	1045	3.08	250	3	7	4.3	10	<3	65	0.25	0.029
1369876	Rock	2.79	0.010	<1	26	87	371	0.6	23	11	1063	3.01	136	2	9	2.5	7	<3	66	0.31	0.029
1369877	Rock	2.41	0.026	<1	33	22	341	0.4	22	11	854	3.01	205	4	7	2.2	8	<3	58	0.21	0.028
1369878	Rock	3.12	<0.005	<1	22	18	193	<0.3	19	10	754	2.52	60	2	7	1.1	3	<3	51	0.23	0.021
1369879	Rock	2.21	0.015	<1	23	17	199	<0.3	22	10	949	2.85	68	2	9	1.0	4	<3	59	0.34	0.029
1369880	Rock	2.37	0.009	1	30	75	484	0.6	24	11	1317	3.27	152	4	5	2.7	8	<3	58	0.17	0.024

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Vancouver BC V6B 1N2 CANADA

Project: CAL
Report Date: October 16, 2014

CERTIFICATE OF ANALYSIS WHI14000223.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1369851	Rock	11	104	1.67	201	0.100	<20	2.09	0.02	0.69	<2	<0.05	<1	<5	6	7
1369852	Rock	15	65	1.17	106	0.034	<20	1.45	0.01	0.26	<2	<0.05	<1	<5	<5	<5
1369853	Rock	9	85	1.37	150	0.096	<20	1.71	0.02	0.52	<2	<0.05	<1	<5	5	5
1369854	Rock	5	78	1.20	133	0.111	<20	1.55	0.05	0.51	<2	<0.05	<1	<5	<5	<5
1369855	Rock	5	56	0.83	80	0.067	<20	1.09	0.03	0.29	<2	<0.05	<1	<5	<5	<5
1369856	Rock	7	92	1.50	149	0.100	<20	1.84	0.02	0.51	<2	<0.05	<1	<5	5	7
1369857	Rock	10	78	1.20	123	0.050	<20	1.51	0.01	0.28	<2	<0.05	<1	<5	<5	8
1369858	Rock	9	90	1.36	116	0.062	<20	1.78	0.02	0.31	<2	<0.05	<1	<5	6	10
1369859	Rock	4	95	1.55	175	0.124	<20	2.01	0.05	0.64	<2	<0.05	<1	<5	6	7
1369860	Rock	6	83	1.41	149	0.093	<20	1.79	0.03	0.47	<2	<0.05	<1	<5	5	7
1369861	Rock	5	74	1.22	145	0.090	<20	1.54	0.03	0.51	<2	<0.05	<1	<5	<5	5
1369862	Rock	6	73	1.22	145	0.103	<20	1.54	0.02	0.63	<2	<0.05	<1	<5	5	5
1369863	Rock	4	86	1.46	160	0.132	<20	1.87	0.05	0.67	<2	<0.05	<1	<5	<5	6
1369864	Rock	6	86	1.35	123	0.081	<20	1.84	0.02	0.51	<2	<0.05	<1	<5	8	7
1369865	Rock	7	87	1.45	110	0.065	<20	1.91	0.02	0.35	<2	<0.05	<1	<5	<5	6
1369866	Rock	5	66	1.12	90	0.064	<20	1.46	0.02	0.29	<2	<0.05	<1	<5	<5	<5
1369867	Rock	7	96	1.39	113	0.070	<20	1.96	0.02	0.37	<2	<0.05	<1	<5	7	7
1369868	Rock	6	87	1.37	107	0.071	<20	1.76	0.02	0.33	<2	<0.05	<1	<5	6	7
1369869	Rock	7	64	0.94	91	0.056	<20	1.28	0.02	0.23	<2	<0.05	<1	<5	<5	<5
1369870	Rock	7	84	1.40	115	0.101	<20	1.79	0.02	0.32	<2	<0.05	<1	<5	6	6
1369871	Rock Pulp	4	32	0.77	97	0.118	<20	1.68	0.10	0.15	<2	<0.05	<1	<5	<5	<5
1369872	Rock Pulp	4	29	0.74	87	0.112	<20	1.46	0.07	0.13	13	<0.05	<1	<5	<5	<5
1369873	Rock	7	95	1.65	127	0.087	<20	2.09	0.02	0.37	<2	<0.05	<1	<5	7	6
1369874	Rock	7	100	1.78	215	0.103	<20	2.20	0.03	0.37	<2	<0.05	<1	<5	7	7
1369875	Rock	5	86	1.44	126	0.100	<20	1.78	0.03	0.38	<2	<0.05	<1	<5	6	6
1369876	Rock	5	91	1.51	110	0.098	<20	1.87	0.03	0.31	<2	<0.05	<1	<5	7	6
1369877	Rock	6	74	1.01	117	0.085	<20	1.35	0.02	0.29	<2	<0.05	<1	<5	<5	8
1369878	Rock	4	66	0.99	124	0.084	<20	1.29	0.02	0.37	<2	<0.05	<1	<5	<5	6
1369879	Rock	6	77	1.27	108	0.084	<20	1.51	0.03	0.29	<2	<0.05	<1	<5	<5	6
1369880	Rock	9	76	1.23	97	0.032	<20	1.56	0.01	0.20	<2	<0.05	<1	<5	<5	6

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: CAL
Report Date: October 16, 2014

CERTIFICATE OF ANALYSIS WHI14000223.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1369881	Rock	1.31	0.027	<1	45	566	542	8.3	17	9	947	2.91	391	3	6	4.0	18	3	46	0.20	0.023
1353939	Rock	1.70	<0.005	<1	5	5	5	<0.3	4	2	135	0.53	11	<2	2	<0.5	5	<3	5	0.07	0.009
1353940	Rock	1.20	<0.005	<1	12	<3	10	<0.3	2	2	174	0.41	67	<2	<1	<0.5	5	<3	2	<0.01	<0.001
1353941	Rock	0.90	0.893	2	405	7647	5511	60.3	6	3	374	12.43	2996	<2	4	34.0	92	<3	8	0.03	0.008

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701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: CAL
Report Date: October 16, 2014

CERTIFICATE OF ANALYSIS WHI14000223.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1369881	Rock	8	65	0.91	76	0.030	<20	1.26	0.02	0.14	<2	<0.05	<1	<5	<5	5
1353939	Rock	<1	12	0.13	27	0.011	<20	0.21	0.01	0.08	<2	<0.05	<1	<5	<5	<5
1353940	Rock	<1	5	0.04	28	0.001	<20	0.10	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
1353941	Rock	12	7	0.03	22	0.001	<20	0.25	<0.01	0.19	<2	0.30	<1	<5	<5	<5

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Project: CAL
Report Date: October 16, 2014

QUALITY CONTROL REPORT WHI14000223.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
Pulp Duplicates																					
1369855	Rock	1.88	<0.005	<1	14	10	50	<0.3	15	8	418	1.89	98	3	7	<0.5	<3	<3	36	0.21	0.019
REP 1369855	QC		<0.005																		
1369866	Rock	2.37	0.011	<1	21	102	423	1.0	20	10	847	2.71	170	3	6	2.1	10	<3	48	0.20	0.027
REP 1369866	QC			<1	21	107	437	1.0	20	11	858	2.76	176	3	6	2.4	9	<3	49	0.20	0.028
Core Reject Duplicates																					
1369869	Rock	1.76	0.038	<1	71	1568	809	11.9	18	10	1035	3.06	512	2	6	7.0	123	4	45	0.19	0.022
DUP 1369869	QC		0.039	<1	67	1365	830	11.3	17	9	1091	3.06	529	<2	6	7.2	110	<3	44	0.19	0.020
Reference Materials																					
STD DS10	Standard			14	150	128	368	1.7	73	11	850	2.72	44	6	61	2.3	8	8	42	1.03	0.073
STD DS10	Standard			11	149	150	376	2.1	72	12	866	2.67	44	5	62	2.6	10	15	41	1.03	0.077
STD OREAS45EA	Standard			1	646	<3	28	<0.3	356	44	380	23.00	11	8	3	<0.5	<3	<3	281	0.03	0.027
STD OREAS45EA	Standard			2	657	15	31	<0.3	351	51	378	22.58	4	6	3	<0.5	8	<3	289	0.03	0.029
STD OXD108	Standard		0.428																		
STD OXD108	Standard		0.429																		
STD OXI121	Standard		1.800																		
STD OXI121	Standard		1.806																		
STD OXN117	Standard		7.571																		
STD OXN117	Standard		7.862																		
STD OXD108 Expected			0.414																		
STD OXN117 Expected			7.679																		
STD OXI121 Expected			1.834																		
STD DS10 Expected				14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OREAS45EA Expected				1.39	709	14.3	28.9	0.26	381	52	400	23.51	9	10.7	3.5				303	0.036	0.029
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001

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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: CAL
Report Date: October 16, 2014

QUALITY CONTROL REPORT WHI14000223.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																	
1369855	Rock		5	56	0.83	80	0.067	<20	1.09	0.03	0.29	<2	<0.05	<1	<5	<5	<5
REP 1369855	QC																
1369866	Rock		5	66	1.12	90	0.064	<20	1.46	0.02	0.29	<2	<0.05	<1	<5	<5	<5
REP 1369866	QC		5	69	1.13	91	0.062	<20	1.46	0.02	0.29	<2	<0.05	<1	<5	<5	<5
Core Reject Duplicates																	
1369869	Rock		7	64	0.94	91	0.056	<20	1.28	0.02	0.23	<2	<0.05	<1	<5	<5	<5
DUP 1369869	QC		7	60	0.91	89	0.055	<20	1.22	0.02	0.22	<2	<0.05	<1	<5	<5	<5
Reference Materials																	
STD DS10	Standard		15	52	0.76	418	0.070	<20	0.99	0.06	0.32	3	0.28	<1	<5	<5	<5
STD DS10	Standard		14	52	0.75	413	0.066	<20	0.95	0.06	0.32	<2	0.28	<1	<5	5	<5
STD OREAS45EA	Standard		7	823	0.09	136	0.089	<20	3.03	0.02	0.05	<2	<0.05	<1	<5	<5	80
STD OREAS45EA	Standard		7	845	0.09	145	0.090	<20	2.90	0.02	0.05	<2	<0.05	<1	<5	10	78
STD OXD108	Standard																
STD OXD108	Standard																
STD OXI121	Standard																
STD OXI121	Standard																
STD OXN117	Standard																
STD OXN117	Standard																
STD OXD108 Expected																	
STD OXN117 Expected																	
STD OXI121 Expected																	
STD DS10 Expected			17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8
STD OREAS45EA Expected			6.57	849	0.095	148	0.0875		3.13	0.02	0.053		0.036			11.7	78
BLK	Blank																
BLK	Blank																
BLK	Blank																
BLK	Blank																
BLK	Blank		<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5

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Vancouver BC V6B 1N2 CANADA

Project: CAL
Report Date: October 16, 2014

QUALITY CONTROL REPORT WHI14000223.1

		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	5	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
Prep Wash																					
G1-WHI	Prep Blank		<0.005	<1	3	<3	32	<0.3	2	3	439	1.61	<2	<2	19	<0.5	<3	<3	19	0.43	0.035
G1-WHI	Prep Blank		<0.005	<1	2	<3	36	<0.3	<1	3	442	1.63	<2	<2	20	<0.5	<3	<3	19	0.45	0.035

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Vancouver BC V6B 1N2 CANADA

Project: CAL
Report Date: October 16, 2014

QUALITY CONTROL REPORT WHI14000223.1

		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
Prep Wash																
G1-WHI	Prep Blank	4	4	0.42	58	0.048	<20	0.84	0.09	0.09	<2	<0.05	<1	<5	<5	<5
G1-WHI	Prep Blank	4	2	0.42	61	0.049	<20	0.91	0.10	0.11	<2	<0.05	<1	<5	<5	<5

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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: October 02, 2014
Report Date: October 16, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI14000224.1

CLIENT JOB INFORMATION

Project: NIN
Shipment ID: 50M2014-09-24
P.O. Number
Number of Samples: 21

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	19	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	21	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
AQ300	21	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: 0908937 BC Ltd.
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2
CANADA

CC: Isaac Fage
Jean Pautler

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: NIN
Report Date: October 16, 2014

CERTIFICATE OF ANALYSIS WHI14000224.1

Method		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1353942	Rock	1.19	<0.005	2	149	67	752	0.8	140	42	2045	10.20	24	<2	4	2.2	9	<3	74	0.03	0.030
1353943	Rock	1.42	<0.005	<1	92	80	691	1.1	174	52	1146	5.95	33	<2	12	11.6	12	<3	97	1.16	0.046
1369882	Rock	2.21	<0.005	1	49	141	548	1.1	28	8	471	2.29	14	4	4	3.5	<3	<3	22	0.08	0.034
1369883	Rock	2.17	<0.005	<1	38	100	426	1.0	27	9	459	2.26	19	5	4	3.2	<3	<3	19	0.07	0.029
1369884	Rock	1.94	<0.005	1	41	57	205	0.6	42	13	834	3.08	6	7	7	1.9	<3	<3	38	0.08	0.042
1369885	Rock	2.43	<0.005	<1	46	89	222	1.3	36	10	758	2.89	14	5	7	1.4	4	<3	30	0.12	0.061
1369886	Rock	2.03	0.012	<1	36	113	179	2.0	22	8	493	2.17	23	6	6	1.2	3	<3	15	0.05	0.028
1369887	Rock	1.96	0.016	1	38	184	310	5.7	30	8	815	2.21	48	5	6	1.9	3	9	15	0.05	0.028
1369888	Rock Pulp	0.12	<0.005	3	25	<3	44	0.8	23	9	393	2.39	4	<2	35	<0.5	<3	<3	56	0.73	0.062
1369889	Rock	2.41	<0.005	1	35	67	199	1.7	31	10	431	2.20	15	7	6	1.0	4	<3	19	0.09	0.043
1369890	Rock	2.39	0.008	<1	36	130	301	1.6	32	12	1068	2.61	21	6	7	2.3	<3	<3	21	0.05	0.032
1369891	Rock	2.25	0.008	1	30	185	165	1.2	19	7	403	1.87	11	6	8	0.7	<3	<3	19	0.06	0.034
1369892	Rock	2.91	<0.005	<1	72	64	273	0.7	53	16	323	2.61	15	2	5	1.3	4	3	30	0.04	0.026
1369893	Rock Pulp	0.12	1.344	8	43	6	48	<0.3	28	8	440	3.01	7	<2	34	<0.5	3	<3	57	0.69	0.057
1369894	Rock	3.29	<0.005	<1	59	57	203	0.8	56	15	639	2.51	14	3	5	1.8	8	<3	40	0.13	0.020
1369895	Rock	2.67	<0.005	1	41	52	137	0.9	48	11	517	2.17	8	3	8	0.7	<3	<3	35	0.20	0.020
1369896	Rock	3.12	<0.005	<1	41	39	135	0.6	52	14	662	2.20	6	4	9	1.2	<3	<3	35	0.25	0.021
1369897	Rock	2.15	<0.005	1	35	27	101	0.5	34	11	473	2.21	8	5	8	0.8	<3	<3	25	0.12	0.023
1369898	Rock	2.31	<0.005	7	13	20	40	<0.3	6	2	143	0.81	18	<2	6	<0.5	10	<3	6	0.01	0.010
1369899	Rock	1.73	<0.005	<1	11	26	42	0.4	5	1	64	0.82	7	<2	3	<0.5	<3	<3	9	0.02	0.007
1369900	Rock	2.76	0.006	3	46	228	548	2.9	20	9	1656	2.91	29	5	12	12.7	3	<3	9	0.07	0.056

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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: NIN
Report Date: October 16, 2014

CERTIFICATE OF ANALYSIS WHI14000224.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1353942	Rock	6	90	0.03	182	0.002	<20	0.57	<0.01	0.07	<2	<0.05	<1	<5	<5	22
1353943	Rock	6	176	0.24	132	<0.001	<20	0.72	<0.01	0.08	<2	<0.05	<1	<5	<5	24
1369882	Rock	11	21	0.11	126	0.001	<20	0.31	<0.01	0.11	<2	<0.05	<1	<5	<5	<5
1369883	Rock	11	15	0.03	124	0.002	<20	0.23	<0.01	0.13	<2	<0.05	<1	<5	<5	<5
1369884	Rock	15	35	0.29	112	0.012	<20	0.63	<0.01	0.16	<2	<0.05	<1	<5	<5	6
1369885	Rock	15	28	0.21	110	0.010	<20	0.57	<0.01	0.16	<2	<0.05	<1	<5	<5	5
1369886	Rock	17	12	0.19	100	0.009	<20	0.53	<0.01	0.18	<2	<0.05	<1	<5	<5	<5
1369887	Rock	10	13	0.09	82	0.004	<20	0.34	<0.01	0.13	<2	<0.05	<1	<5	<5	<5
1369888	Rock Pulp	4	28	0.76	94	0.103	<20	1.48	0.07	0.13	12	<0.05	<1	<5	8	<5
1369889	Rock	17	20	0.21	77	0.008	<20	0.54	<0.01	0.14	<2	<0.05	<1	<5	<5	<5
1369890	Rock	36	14	0.20	130	0.007	<20	0.54	<0.01	0.16	<2	<0.05	<1	<5	<5	<5
1369891	Rock	15	17	0.21	69	0.007	<20	0.52	<0.01	0.17	<2	<0.05	<1	<5	<5	<5
1369892	Rock	10	48	0.14	87	0.004	<20	0.47	<0.01	0.11	<2	<0.05	<1	<5	<5	<5
1369893	Rock Pulp	4	28	0.75	96	0.102	<20	1.50	0.09	0.14	<2	<0.05	<1	<5	10	<5
1369894	Rock	10	85	0.53	122	0.015	<20	0.79	0.01	0.11	<2	<0.05	<1	<5	<5	5
1369895	Rock	9	80	0.67	155	0.026	<20	0.92	0.02	0.13	<2	<0.05	<1	<5	6	<5
1369896	Rock	12	99	0.92	113	0.041	<20	1.00	0.02	0.11	<2	<0.05	<1	<5	<5	<5
1369897	Rock	14	46	0.50	108	0.020	<20	0.78	0.01	0.15	<2	<0.05	<1	<5	<5	<5
1369898	Rock	7	6	0.02	328	0.001	<20	0.16	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
1369899	Rock	6	5	0.02	133	0.001	<20	0.13	<0.01	0.09	<2	0.07	<1	<5	<5	<5
1369900	Rock	11	7	0.06	77	0.002	<20	0.31	<0.01	0.15	<2	<0.05	<1	<5	<5	<5

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: NIN
Report Date: October 16, 2014

QUALITY CONTROL REPORT WHI14000224.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
Pulp Duplicates																					
1369894	Rock	3.29	<0.005	<1	59	57	203	0.8	56	15	639	2.51	14	3	5	1.8	8	<3	40	0.13	0.020
REP 1369894	QC			<1	58	55	197	0.7	54	14	613	2.45	13	3	5	1.7	7	<3	39	0.12	0.019
1369899	Rock	1.73	<0.005	<1	11	26	42	0.4	5	1	64	0.82	7	<2	3	<0.5	<3	<3	9	0.02	0.007
REP 1369899	QC		<0.005																		
Reference Materials																					
STD DS10	Standard			11	149	150	376	2.1	72	12	866	2.67	44	5	62	2.6	10	15	41	1.03	0.077
STD OREAS45EA	Standard			2	657	15	31	<0.3	351	51	378	22.58	4	6	3	<0.5	8	<3	289	0.03	0.029
STD OXD108	Standard		0.429																		
STD OXI121	Standard		1.806																		
STD OXN117	Standard		7.862																		
STD OXD108 Expected			0.414																		
STD OXN117 Expected			7.679																		
STD OXI121 Expected			1.834																		
STD DS10 Expected				14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OREAS45EA Expected				1.39	709	14.3	28.9	0.26	381	52	400	23.51	9	10.7	3.5				303	0.036	0.029
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	5	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
Prep Wash																					
G1-WHI	Prep Blank		<0.005	<1	3	<3	36	<0.3	<1	3	486	1.84	<2	<2	22	<0.5	<3	<3	21	0.48	0.041
G1-WHI	Prep Blank		<0.005	<1	7	<3	44	<0.3	2	4	485	1.73	<2	<2	17	<0.5	<3	<3	21	0.48	0.039

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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: NIN
Report Date: October 16, 2014

QUALITY CONTROL REPORT WHI14000224.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																
1369894	Rock	10	85	0.53	122	0.015	<20	0.79	0.01	0.11	<2	<0.05	<1	<5	<5	5
REP 1369894	QC	9	83	0.52	118	0.014	<20	0.76	0.01	0.10	<2	<0.05	<1	<5	<5	5
1369899	Rock	6	5	0.02	133	0.001	<20	0.13	<0.01	0.09	<2	0.07	<1	<5	<5	<5
REP 1369899	QC															
Reference Materials																
STD DS10	Standard	14	52	0.75	413	0.066	<20	0.95	0.06	0.32	<2	0.28	<1	<5	5	<5
STD OREAS45EA	Standard	7	845	0.09	145	0.090	<20	2.90	0.02	0.05	<2	<0.05	<1	<5	10	78
STD OXD108	Standard															
STD OXI121	Standard															
STD OXN117	Standard															
STD OXD108 Expected																
STD OXN117 Expected																
STD OXI121 Expected																
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8
STD OREAS45EA Expected		6.57	849	0.095	148	0.0875		3.13	0.02	0.053		0.036			11.7	78
BLK	Blank															
BLK	Blank															
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
Prep Wash																
G1-WHI	Prep Blank	5	2	0.46	57	0.058	<20	0.84	0.07	0.08	<2	<0.05	<1	<5	8	<5
G1-WHI	Prep Blank	5	4	0.45	47	0.054	<20	0.85	0.07	0.08	<2	<0.05	<1	<5	6	<5

Bureau Veritas Commodities Canada Ltd.
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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: October 02, 2014
Report Date: October 09, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI14000225.1

CLIENT JOB INFORMATION

Project: CAL
Shipment ID: 50M2014-09-24
P.O. Number
Number of Samples: 29

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	29	Dry at 60C			WHI
SS80	29	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	29	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DISP2	29	Heat treatment of Soils and Sediments			VAN

ADDITIONAL COMMENTS

Invoice To: 0908937 BC Ltd.
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2
CANADA

CC: Isaac Fage
Jean Pautler

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: CAL
Report Date: October 09, 2014

CERTIFICATE OF ANALYSIS WHI14000225.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	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
1369901	Soil		1.1	57.9	29.8	98	0.4	29.6	15.7	820	3.45	297.2	0.8	40.3	5.8	17	0.3	10.1	0.6	72	0.27	0.025
1369902	Soil		1.3	80.5	292.0	435	2.5	38.8	25.1	2247	4.96	1036.6	1.4	94.0	9.1	16	2.0	56.1	0.7	98	0.22	0.023
1369903	Soil		1.1	66.7	129.6	191	1.2	38.8	26.2	1858	4.81	840.6	1.0	116.7	7.6	15	0.5	33.0	0.3	94	0.28	0.034
1369904	Soil		1.0	71.0	137.1	246	1.0	37.4	23.9	1476	4.57	712.4	0.8	97.1	7.1	15	0.6	33.3	0.3	99	0.22	0.036
1369905	Soil		1.3	93.0	111.8	399	1.8	38.7	23.0	1421	4.60	722.1	0.9	86.7	6.6	15	1.1	42.8	0.3	96	0.23	0.028
1369906	Soil		1.2	83.8	137.7	466	2.4	39.8	23.4	1386	4.58	602.7	1.0	75.0	7.0	16	1.2	40.4	0.3	96	0.19	0.025
1369907	Soil		1.5	83.5	1178.5	2182	4.9	44.5	26.9	2286	5.69	922.5	0.9	63.8	7.1	12	6.3	55.0	0.2	107	0.18	0.041
1369908	Soil		1.4	69.7	1217.8	1637	10.0	41.8	24.0	1612	5.10	922.7	0.9	86.1	5.5	14	4.6	43.8	0.2	100	0.22	0.043
1369909	Soil		1.5	59.1	1206.6	1193	13.5	39.9	22.1	1395	4.85	741.6	0.7	66.3	4.9	16	5.8	40.7	0.2	101	0.24	0.041
1369910	Soil		1.2	86.7	707.3	1166	4.7	44.9	24.7	1359	4.73	770.2	0.9	89.3	6.1	15	8.5	36.3	0.8	97	0.25	0.031
1369911	Soil		1.0	64.7	263.7	689	3.1	35.3	17.9	874	3.93	474.4	0.9	64.8	5.0	18	4.0	21.6	0.4	84	0.27	0.028
1369912	Soil		1.3	66.2	426.5	1066	4.6	38.5	21.7	1058	4.56	627.6	0.8	88.9	4.9	16	5.0	31.9	0.4	94	0.29	0.032
1369913	Soil		1.3	59.7	248.8	625	2.4	33.8	18.5	878	3.99	393.2	0.8	79.5	5.0	18	2.4	24.7	0.7	86	0.27	0.028
1369914	Soil		1.2	63.6	218.5	782	2.2	34.9	18.6	866	4.09	435.8	0.9	56.0	5.3	18	4.2	26.8	0.8	90	0.23	0.024
1369915	Soil		1.2	73.1	199.1	963	1.7	34.9	18.3	896	3.97	494.1	1.4	82.6	5.8	22	6.7	23.3	0.9	86	0.26	0.027
1369916	Soil		1.2	71.8	184.3	672	2.0	32.8	16.2	797	3.77	374.7	1.5	88.2	5.8	21	3.2	19.2	0.8	83	0.24	0.027
1369917	Soil		1.1	62.1	232.2	677	1.5	34.0	18.4	859	3.84	372.5	0.9	69.1	5.5	19	4.1	18.0	0.9	84	0.24	0.024
1369918	Soil		1.2	67.3	350.1	746	1.5	35.7	19.8	871	4.35	439.8	0.8	45.2	5.1	16	3.5	21.6	1.0	96	0.22	0.033
1369919	Soil		1.2	62.2	190.0	617	1.3	32.9	17.3	801	4.10	367.9	0.9	85.3	4.8	19	2.1	13.6	0.7	91	0.24	0.034
1369920	Soil		1.3	57.5	124.1	483	0.9	34.1	18.1	776	4.03	312.3	0.8	49.3	5.1	18	2.2	13.0	0.6	91	0.24	0.025
1369921	Soil		1.1	54.2	95.6	331	0.5	31.6	15.9	659	3.66	224.1	0.7	34.4	5.1	21	1.3	10.4	0.5	84	0.26	0.025
1369922	Soil		1.0	65.5	100.9	368	0.4	32.4	17.7	756	4.04	212.7	0.8	30.0	5.5	19	1.2	9.6	0.6	89	0.26	0.024
1369923	Soil		1.1	78.2	186.2	568	0.9	31.7	17.2	752	3.95	224.5	0.8	25.1	4.7	17	1.9	10.3	0.9	87	0.25	0.027
1369924	Soil		1.1	98.0	134.3	470	0.9	32.9	14.8	698	3.66	216.5	1.1	37.9	5.8	21	1.6	10.5	0.8	77	0.32	0.025
1369925	Soil		1.8	109.1	174.0	178	0.9	34.6	21.1	1214	4.13	550.0	1.3	81.7	7.6	18	0.9	19.3	0.8	89	0.30	0.026
1369944	Soil		1.6	55.5	37.1	111	0.6	31.2	18.9	1000	3.96	389.6	1.0	45.3	7.0	19	0.3	9.5	0.4	82	0.25	0.024
1369945	Soil		1.6	48.7	51.4	120	0.5	29.6	17.8	825	4.03	468.9	0.8	59.0	6.5	18	0.3	8.8	0.4	84	0.22	0.028
1369946	Soil		1.3	50.8	63.3	100	0.3	28.2	14.9	670	3.53	240.5	0.9	39.3	6.0	19	0.3	6.9	0.4	76	0.21	0.021
1369947	Soil		1.6	76.5	287.5	572	2.7	34.8	19.3	1433	4.40	891.3	1.1	135.6	7.3	16	6.3	41.0	1.2	86	0.19	0.023

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Project: CAL
Report Date: October 09, 2014

CERTIFICATE OF ANALYSIS WHI14000225.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1369901	Soil	17	73	0.99	231	0.099	1	2.18	0.014	0.16	0.2	0.05	7.1	0.2	<0.05	7	0.6	<0.2
1369902	Soil	25	124	1.65	260	0.145	2	3.07	0.010	0.44	0.3	0.04	12.7	0.5	<0.05	10	0.9	<0.2
1369903	Soil	22	111	1.35	261	0.107	2	2.64	0.009	0.36	0.3	0.05	14.4	0.4	<0.05	8	<0.5	<0.2
1369904	Soil	19	117	1.40	222	0.124	<1	2.92	0.009	0.39	0.2	0.04	12.3	0.4	<0.05	8	<0.5	<0.2
1369905	Soil	16	118	1.52	220	0.138	<1	2.94	0.009	0.39	0.3	0.04	10.3	0.4	<0.05	8	<0.5	<0.2
1369906	Soil	19	110	1.40	229	0.139	1	3.08	0.010	0.33	0.3	0.04	10.4	0.4	<0.05	8	<0.5	<0.2
1369907	Soil	13	133	1.75	203	0.175	2	3.45	0.008	0.56	0.4	0.04	9.7	0.5	<0.05	10	0.5	<0.2
1369908	Soil	12	123	1.65	203	0.180	2	3.30	0.011	0.53	0.2	0.05	8.5	0.5	<0.05	9	<0.5	<0.2
1369909	Soil	11	113	1.49	194	0.173	1	3.05	0.010	0.49	0.3	0.04	7.7	0.4	<0.05	9	<0.5	<0.2
1369910	Soil	14	121	1.62	207	0.176	<1	2.98	0.011	0.55	0.2	0.04	9.3	0.4	<0.05	9	<0.5	<0.2
1369911	Soil	14	83	1.21	202	0.136	<1	2.52	0.012	0.31	0.2	0.05	7.7	0.3	<0.05	7	<0.5	<0.2
1369912	Soil	12	114	1.53	191	0.184	<1	2.94	0.009	0.50	0.2	0.04	7.2	0.4	<0.05	8	<0.5	<0.2
1369913	Soil	14	84	1.20	202	0.137	<1	2.68	0.012	0.23	0.2	0.04	6.8	0.3	<0.05	8	<0.5	<0.2
1369914	Soil	14	83	1.18	202	0.137	2	2.78	0.011	0.23	0.2	0.04	6.8	0.3	<0.05	8	<0.5	<0.2
1369915	Soil	17	82	1.22	225	0.130	2	2.67	0.012	0.25	0.2	0.05	9.2	0.3	<0.05	7	<0.5	<0.2
1369916	Soil	16	75	1.08	233	0.117	<1	2.51	0.012	0.19	0.2	0.06	8.6	0.3	<0.05	7	<0.5	<0.2
1369917	Soil	14	83	1.21	218	0.137	1	2.46	0.011	0.29	0.2	0.04	7.3	0.3	<0.05	7	<0.5	<0.2
1369918	Soil	11	111	1.49	200	0.172	<1	3.03	0.010	0.38	0.2	0.05	7.4	0.3	<0.05	8	<0.5	<0.2
1369919	Soil	14	87	1.25	207	0.143	1	2.75	0.012	0.23	0.2	0.05	7.6	0.3	<0.05	8	<0.5	<0.2
1369920	Soil	13	90	1.29	211	0.151	<1	2.77	0.012	0.23	0.2	0.04	7.1	0.3	<0.05	8	<0.5	<0.2
1369921	Soil	15	79	1.13	222	0.143	<1	2.47	0.012	0.18	0.2	0.03	7.5	0.3	<0.05	8	<0.5	<0.2
1369922	Soil	14	84	1.13	211	0.141	<1	2.53	0.012	0.20	0.2	0.04	7.5	0.2	<0.05	8	<0.5	<0.2
1369923	Soil	13	91	1.24	200	0.145	1	2.64	0.011	0.23	0.2	0.03	7.3	0.3	<0.05	8	<0.5	<0.2
1369924	Soil	18	71	1.04	227	0.114	1	2.20	0.014	0.16	0.2	0.05	10.1	0.3	<0.05	6	<0.5	<0.2
1369925	Soil	19	99	1.33	274	0.131	2	2.61	0.011	0.31	0.2	0.06	10.9	0.4	<0.05	7	<0.5	<0.2
1369944	Soil	18	86	1.15	232	0.123	<1	2.59	0.010	0.24	0.2	0.04	7.7	0.3	<0.05	7	<0.5	<0.2
1369945	Soil	15	88	1.16	199	0.126	<1	2.76	0.009	0.23	0.2	0.03	7.0	0.3	<0.05	8	<0.5	<0.2
1369946	Soil	17	68	0.95	211	0.107	1	2.33	0.012	0.18	0.2	0.03	7.0	0.2	<0.05	7	<0.5	<0.2
1369947	Soil	18	90	1.19	211	0.112	1	2.69	0.010	0.24	0.3	0.06	9.4	0.4	<0.05	8	<0.5	<0.2

Bureau Veritas Commodities Canada Ltd.
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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: CAL
Report Date: October 09, 2014

QUALITY CONTROL REPORT WHI14000225.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	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
Pulp Duplicates																					
1369919	Soil	1.2	62.2	190.0	617	1.3	32.9	17.3	801	4.10	367.9	0.9	85.3	4.8	19	2.1	13.6	0.7	91	0.24	0.034
REP 1369919	QC	1.3	60.7	187.5	619	1.2	32.7	17.0	788	4.00	360.3	0.8	58.8	4.8	20	2.1	13.0	0.7	89	0.24	0.035
Reference Materials																					
STD DS10	Standard	16.1	160.1	154.8	373	2.0	76.4	13.3	881	2.79	44.9	2.9	103.5	8.0	75	2.3	10.0	12.9	46	1.08	0.075
STD OXC109	Standard	1.4	36.5	11.3	39	<0.1	73.3	19.9	454	2.92	1.9	0.6	200.9	1.5	157	<0.1	0.1	<0.1	50	0.73	0.108
STD DS10 Expected		14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OXC109 Expected													201								
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	0.8	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

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Client: **0908937 BC Ltd.**
701 - 675 W. Hastings Street
Vancouver BC V6B 1N2 CANADA

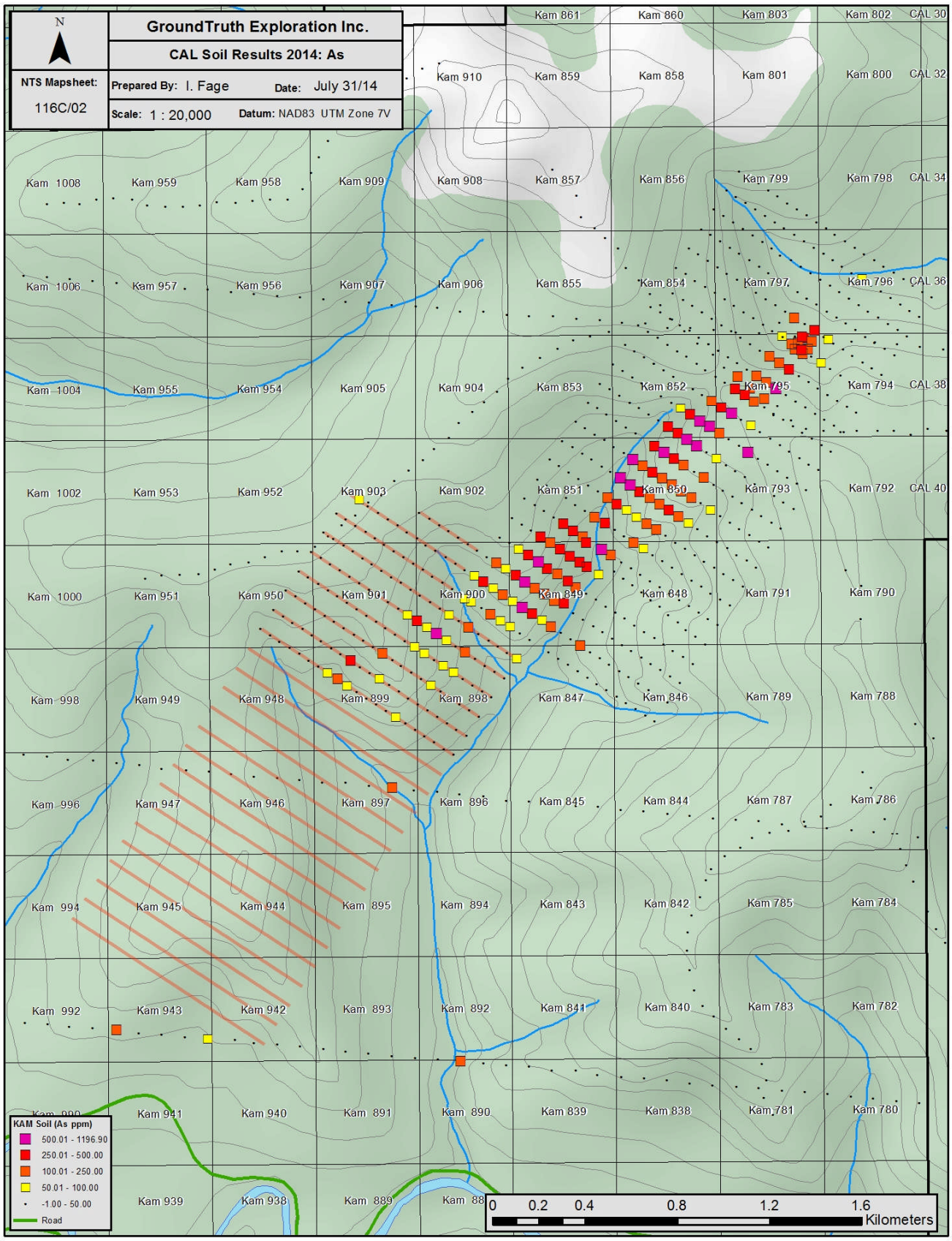
Project: CAL
Report Date: October 09, 2014

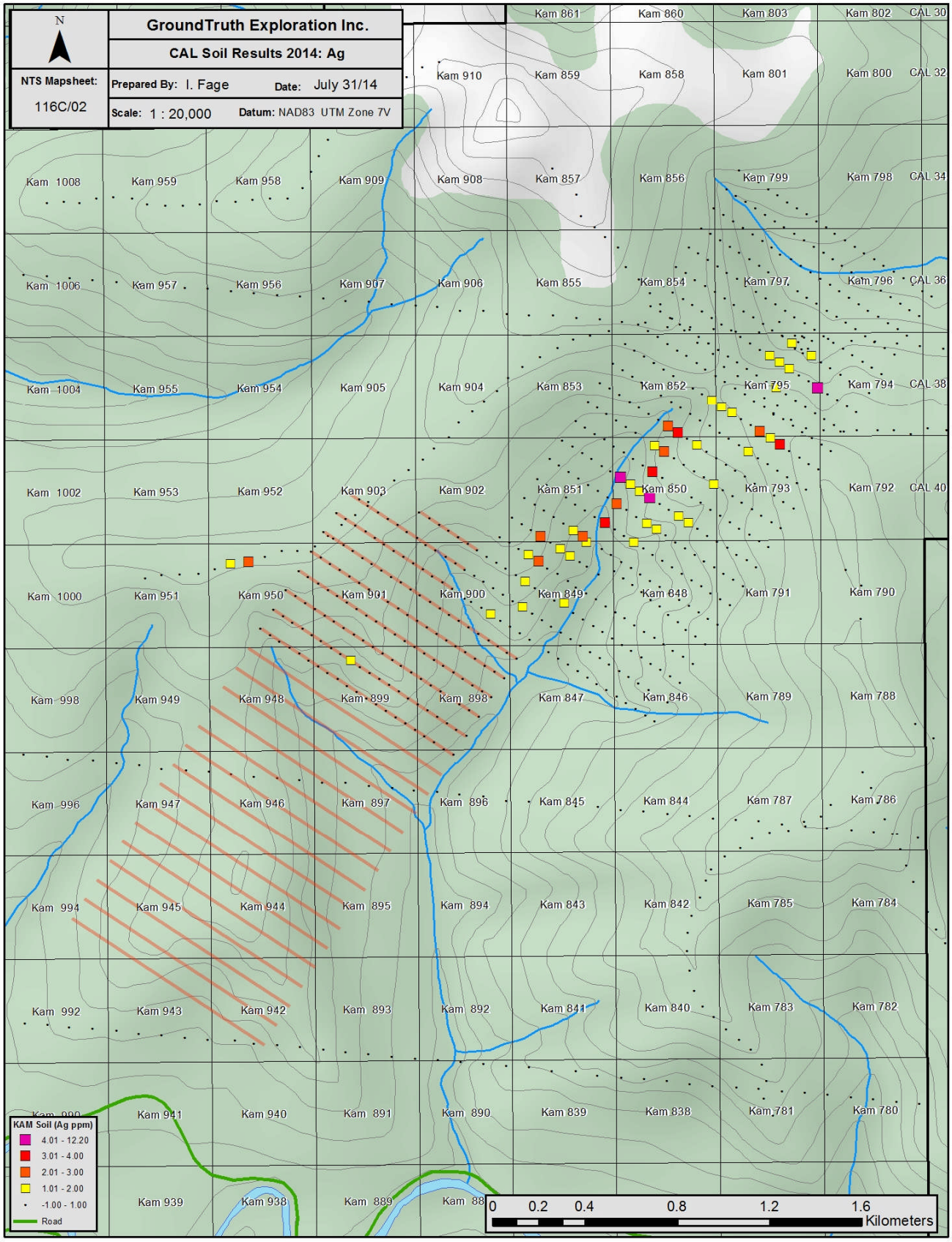
QUALITY CONTROL REPORT WHI14000225.1

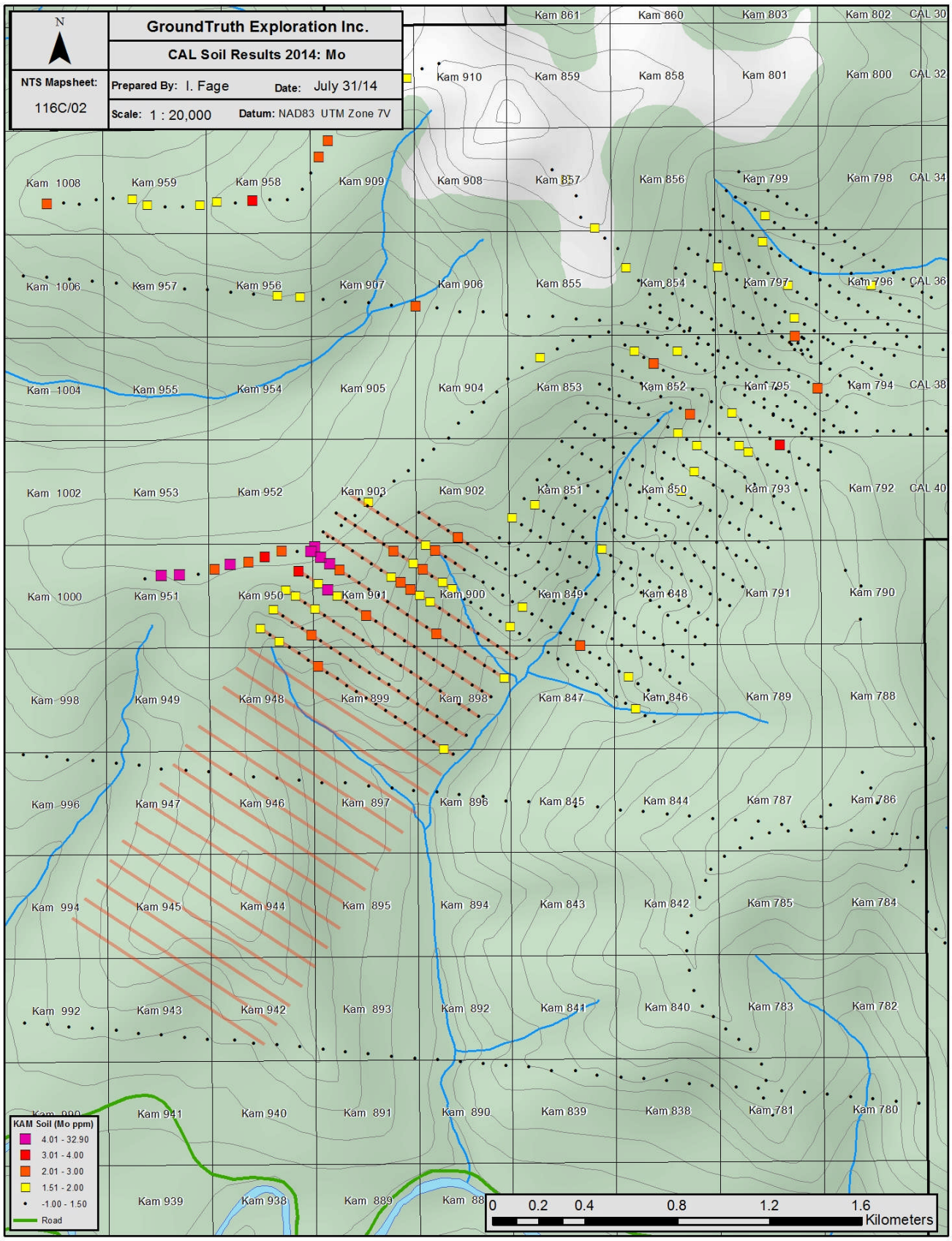
	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1369919	Soil	14	87	1.25	207	0.143	1	2.75	0.012	0.23	0.2	0.05	7.6	0.3	<0.05	8	<0.5	<0.2
REP 1369919	QC	14	85	1.20	206	0.135	<1	2.73	0.012	0.22	0.2	0.04	7.7	0.3	<0.05	8	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	20	58	0.80	363	0.088	7	1.11	0.070	0.34	3.3	0.29	3.0	5.2	0.31	5	2.7	4.8
STD OXC109	Standard	14	59	1.43	55	0.385	2	1.53	0.669	0.40	0.2	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OXC109 Expected																		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

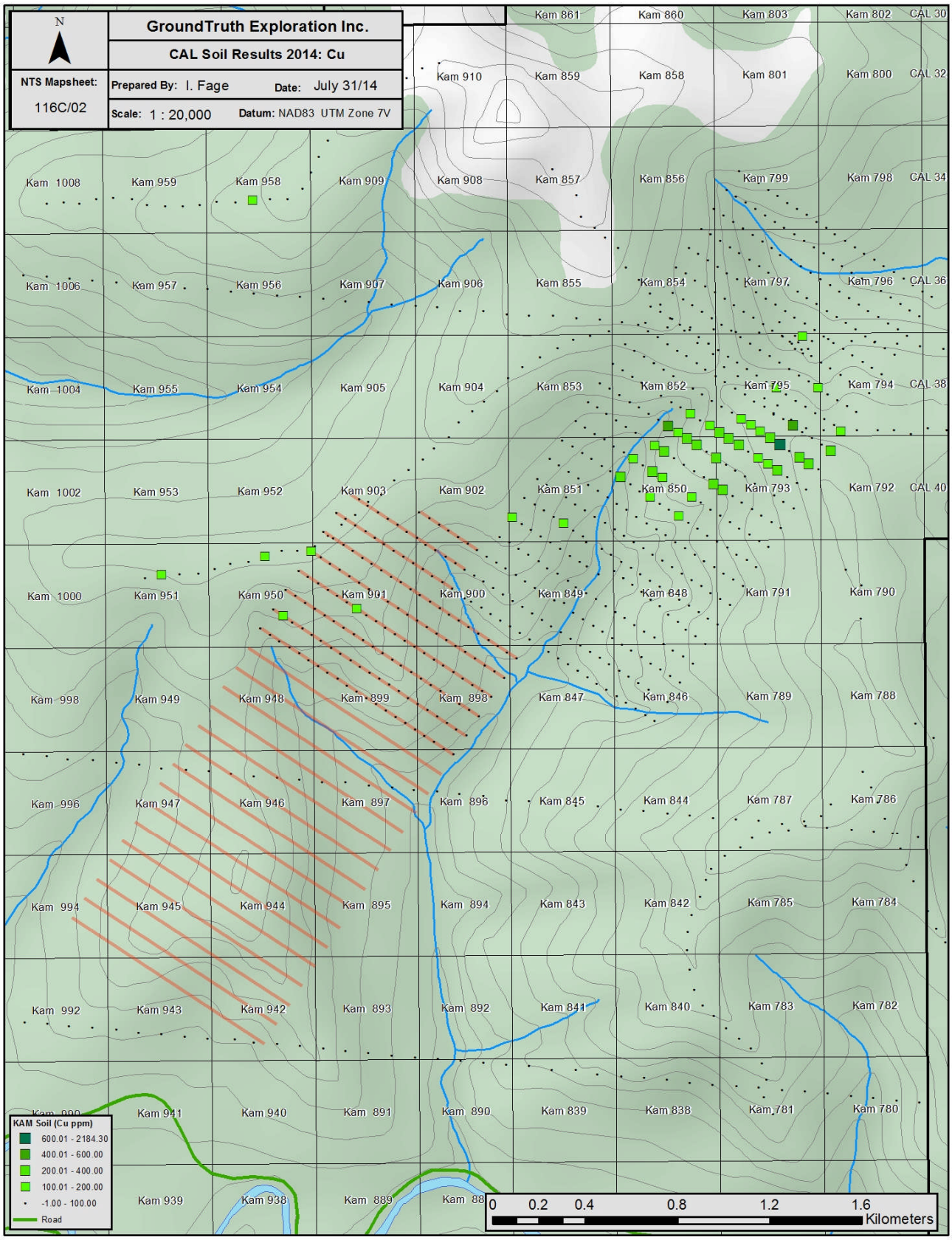
Appendix IV

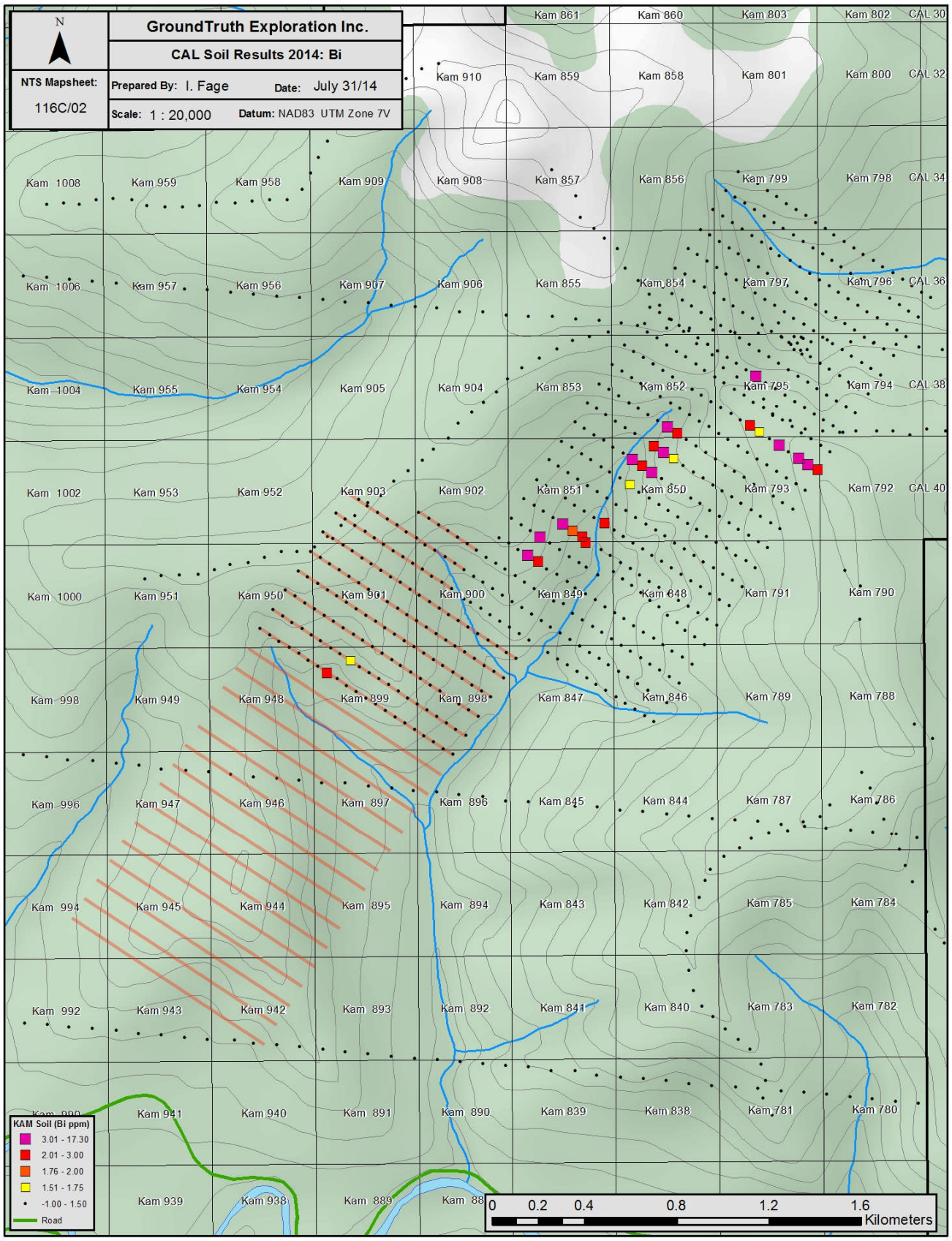
Additional Sample Plots

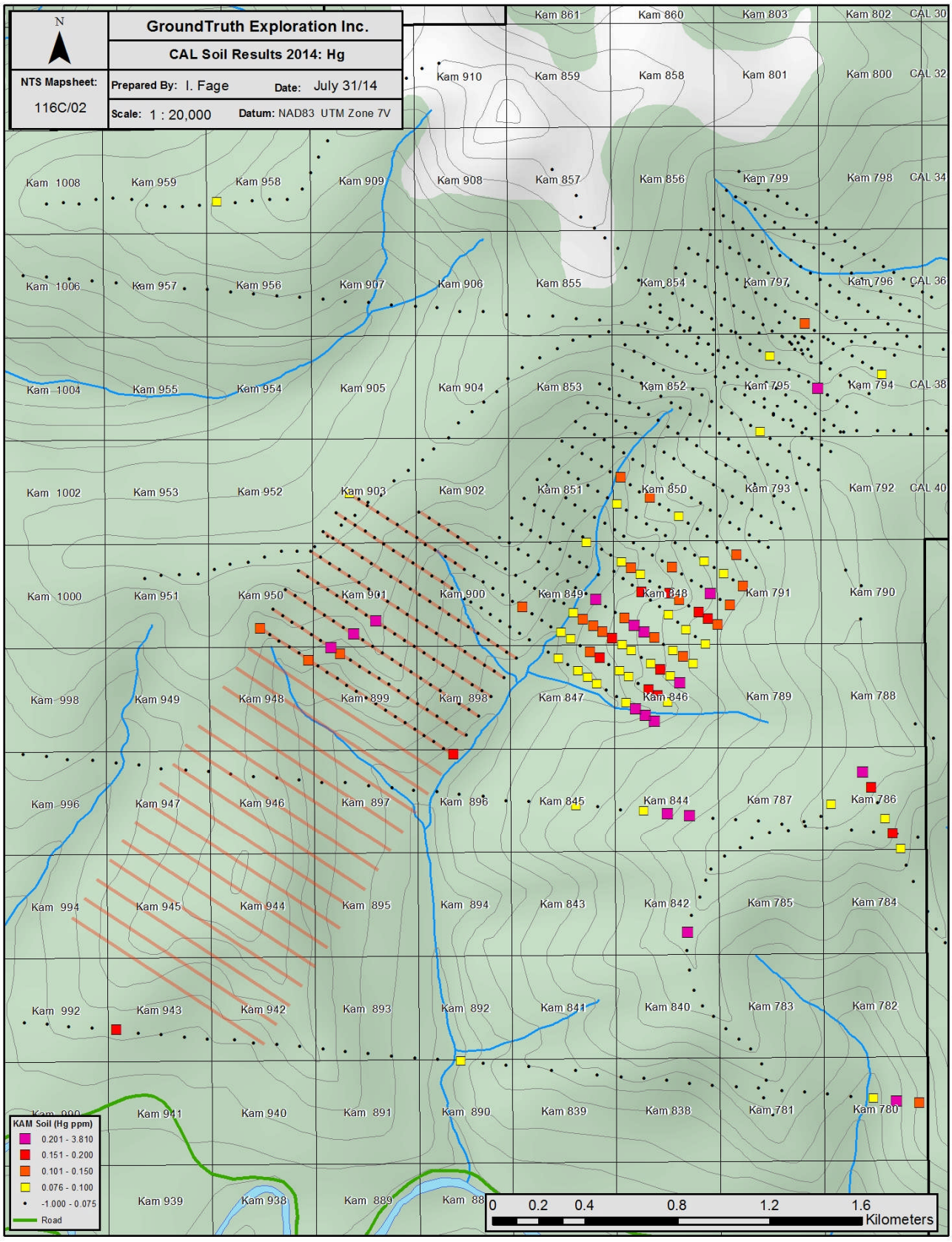

N
GroundTruth Exploration Inc.
CAL Soil Results 2014: As
NTS Mapsheet:
116C/02
Prepared By: I. Fage
Date: July 31/14
Scale: 1 : 20,000
Datum: NAD83 UTM Zone 7V
Kam 861
Kam 860
Kam 803
Kam 802
CAL 30
Kam 910
Kam 859
Kam 858
Kam 801
Kam 800
CAL 32
Kam 1008
Kam 959
Kam 958
Kam 909
Kam 908
Kam 857
Kam 856
Kam 799
Kam 798
CAL 34
Kam 1006
Kam 957
Kam 956
Kam 907
Kam 906
Kam 855
Kam 854
Kam 797
Kam 796
CAL 36
Kam 1004
Kam 955
Kam 954
Kam 905
Kam 904
Kam 853
Kam 852
Kam 795
Kam 794
CAL 38
Kam 1002
Kam 953
Kam 952
Kam 903
Kam 902
Kam 851
Kam 850
Kam 793
Kam 792
CAL 40
Kam 1000
Kam 951
Kam 950
Kam 901
Kam 900
Kam 849
Kam 848
Kam 791
Kam 790
Kam 998
Kam 949
Kam 948
Kam 899
Kam 898
Kam 847
Kam 846
Kam 789
Kam 788
Kam 996
Kam 947
Kam 946
Kam 897
Kam 896
Kam 845
Kam 844
Kam 787
Kam 786
Kam 994
Kam 945
Kam 944
Kam 895
Kam 894
Kam 843
Kam 842
Kam 785
Kam 784
Kam 992
Kam 943
Kam 942
Kam 893
Kam 892
Kam 841
Kam 840
Kam 783
Kam 782
Kam 941
Kam 940
Kam 891
Kam 890
Kam 839
Kam 838
Kam 781
Kam 780
Kam 939
Kam 938
Kam 889
KAM Soil (As ppm)
500.01 - 1196.90
250.01 - 500.00
100.01 - 250.00
50.01 - 100.00
-1.00 - 50.00
Road
0
0.2
0.4
0.8
1.2
1.6
Kilometers


N
GroundTruth Exploration Inc.
CAL Soil Results 2014: Ag
NTS Mapsheet:
116C/02
Prepared By: I. Fage
Date: July 31/14
Scale: 1 : 20,000
Datum: NAD83 UTM Zone 7V
KAM Soil (Ag ppm)
4.01 - 12.20
3.01 - 4.00
2.01 - 3.00
1.01 - 2.00
-1.00 - 1.00
Road
0 0.2 0.4 0.8 1.2 1.6
Kilometers


N
GroundTruth Exploration Inc.
CAL Soil Results 2014: Mo
NTS Mapsheet:
116C/02
Prepared By: I. Fage
Date: July 31/14
Scale: 1 : 20,000
Datum: NAD83 UTM Zone 7V
KAM Soil (Mo ppm)
4.01 - 32.90
3.01 - 4.00
2.01 - 3.00
1.51 - 2.00
-1.00 - 1.50
Road
0 0.2 0.4 0.8 1.2 1.6
Kilometers


N
GroundTruth Exploration Inc.
CAL Soil Results 2014: Cu
NTS Mapsheet:
116C/02
Prepared By: I. Fage
Date: July 31/14
Scale: 1 : 20,000
Datum: NAD83 UTM Zone 7V
KAM Soil (Cu ppm)
600.01 - 2184.30
400.01 - 600.00
200.01 - 400.00
100.01 - 200.00
-1.00 - 100.00
Road
0 0.2 0.4 0.8 1.2 1.6
Kilometers


N
GroundTruth Exploration Inc.
CAL Soil Results 2014: Bi
NTS Mapsheet:
116C/02
Prepared By: I. Fage
Date: July 31/14
Scale: 1 : 20,000
Datum: NAD83 UTM Zone 7V
KAM Soil (Bi ppm)
3.01 - 17.30
2.01 - 3.00
1.76 - 2.00
1.51 - 1.75
-1.00 - 1.50
Road
0 0.2 0.4 0.8 1.2 1.6
Kilometers


N
GroundTruth Exploration Inc.
CAL Soil Results 2014: Hg
NTS Mapsheet:
116C/02
Prepared By: I. Fage
Date: July 31/14
Scale: 1 : 20,000
Datum: NAD83 UTM Zone 7V
KAM Soil (Hg ppm)
0.201 - 3.810
0.151 - 0.200
0.101 - 0.150
0.076 - 0.100
-1.000 - 0.075
Road
0 0.2 0.4 0.8 1.2 1.6
Kilometers

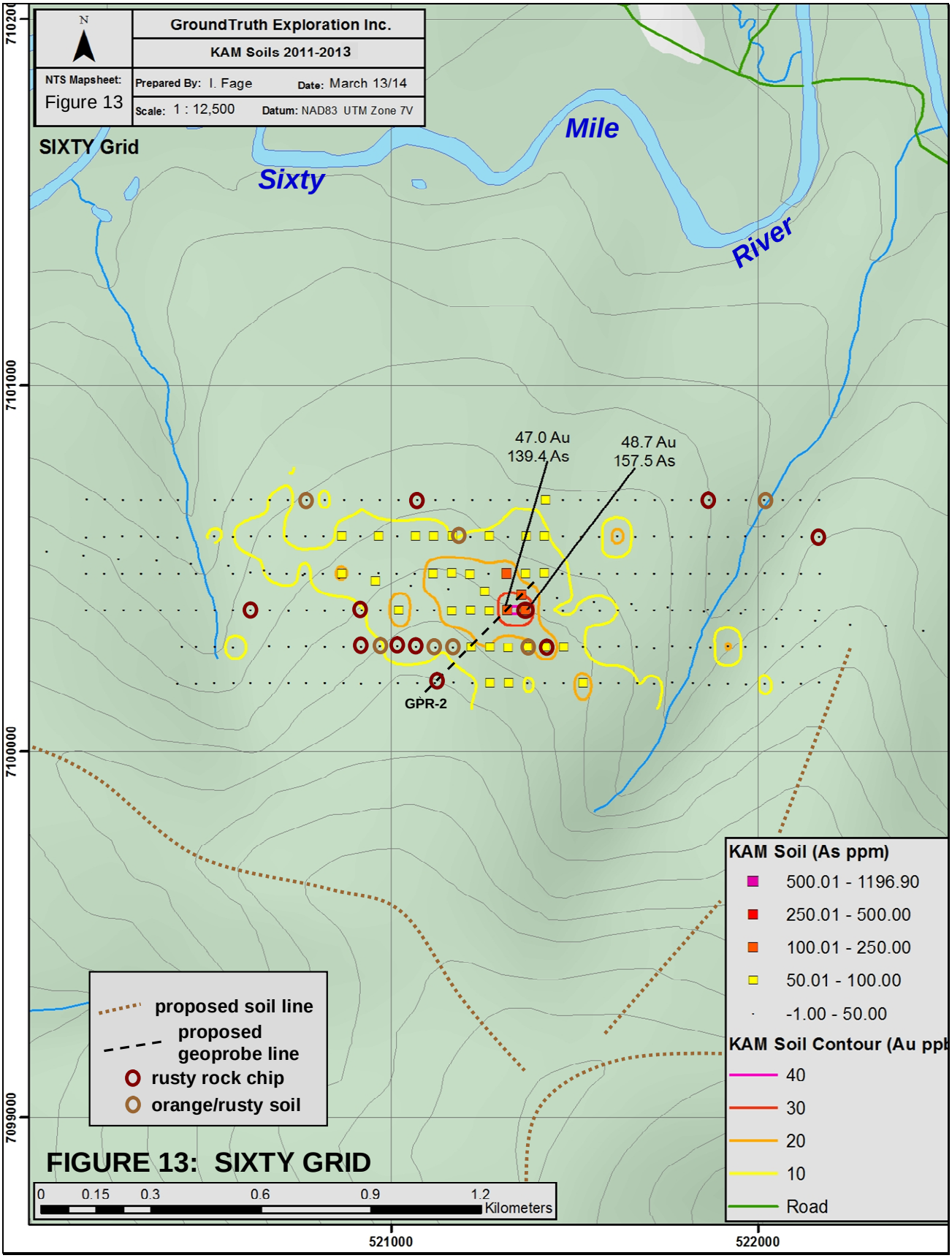
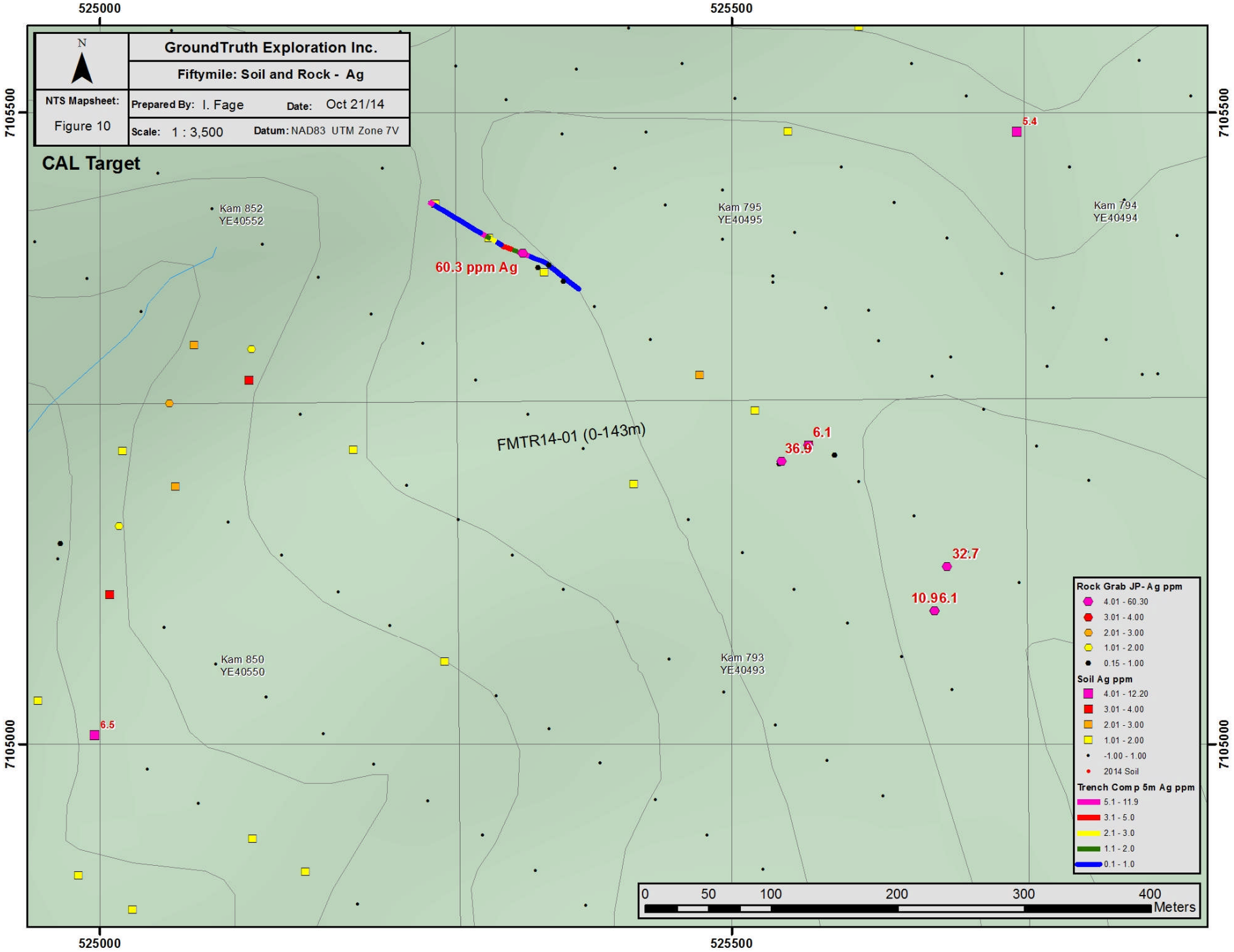
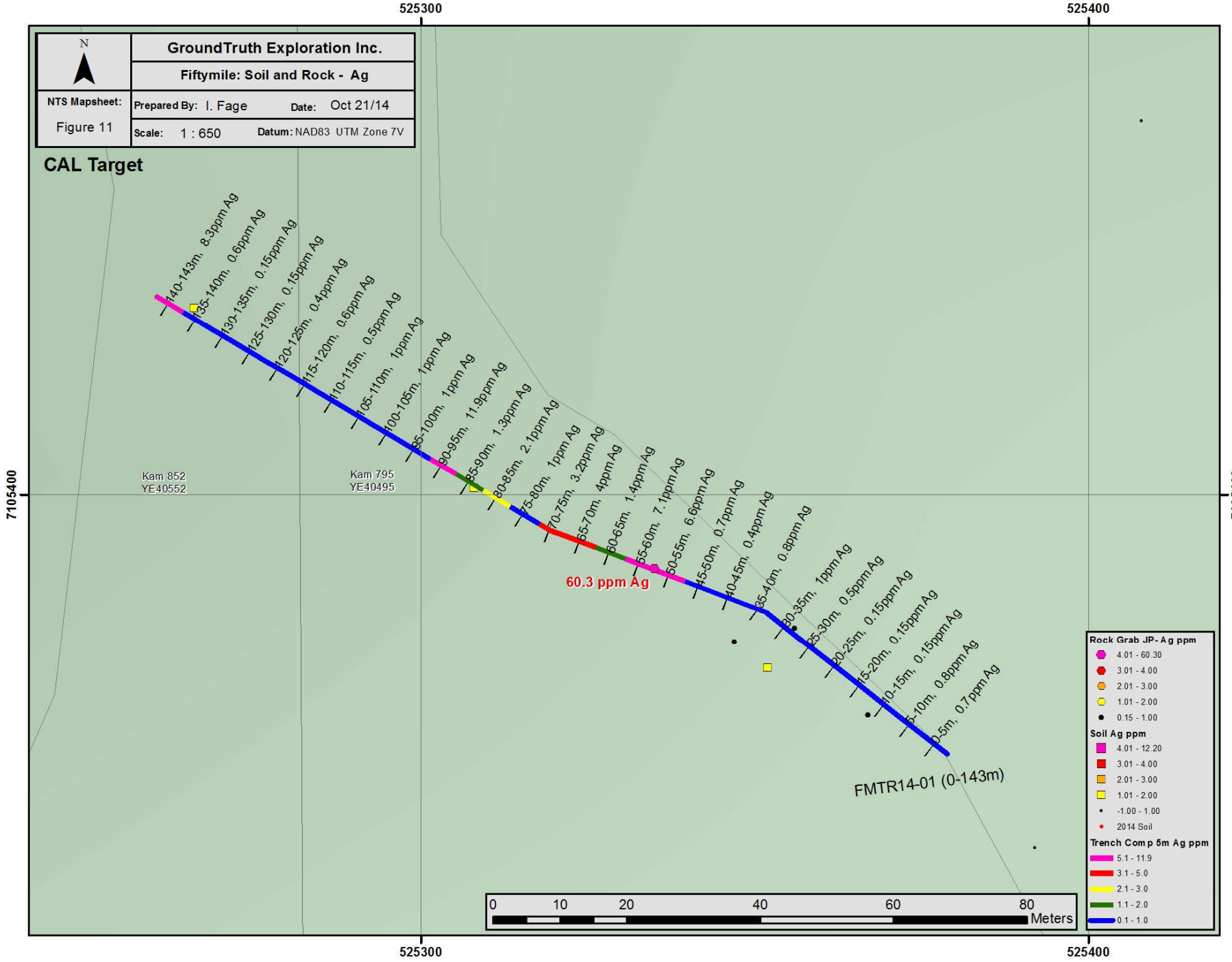
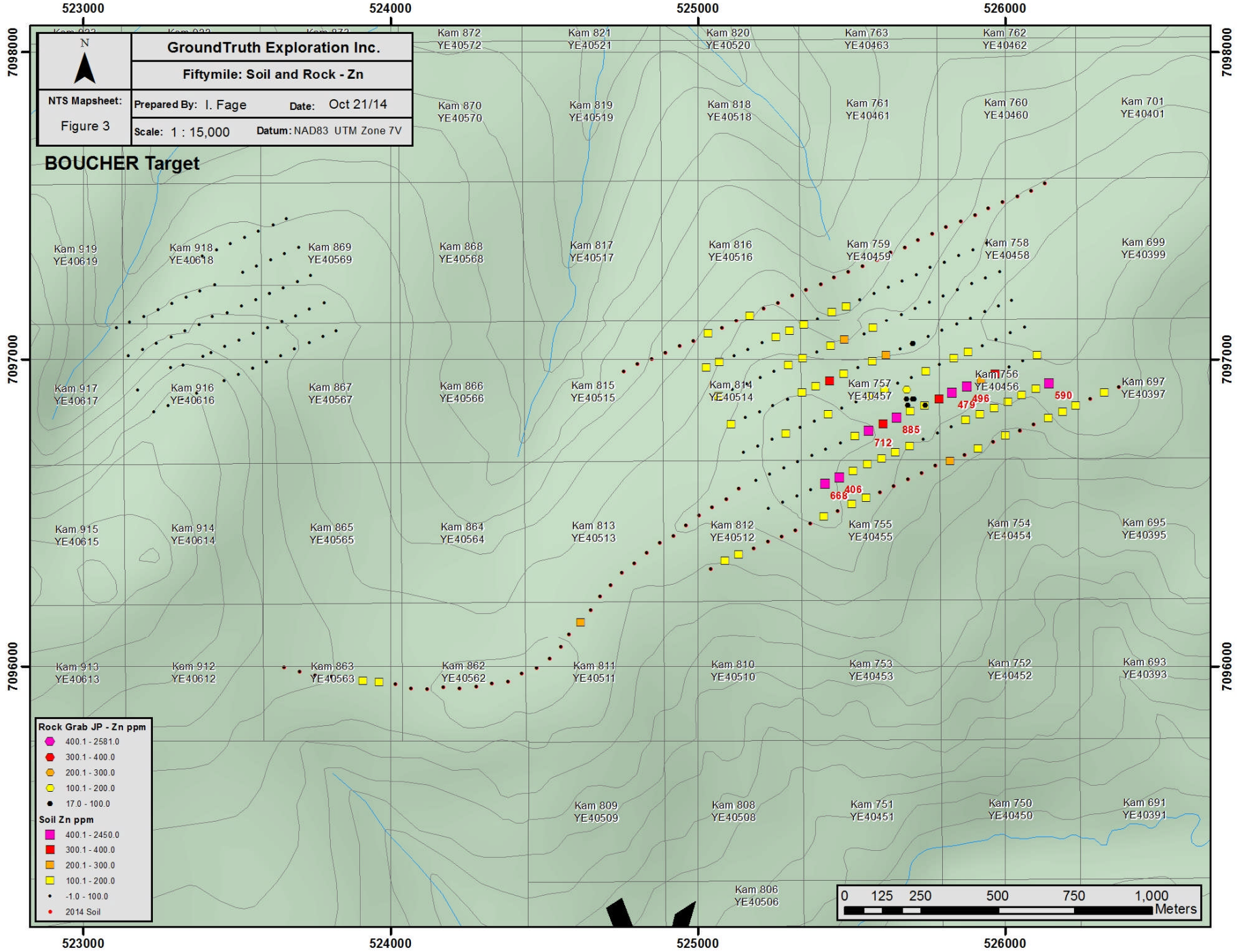
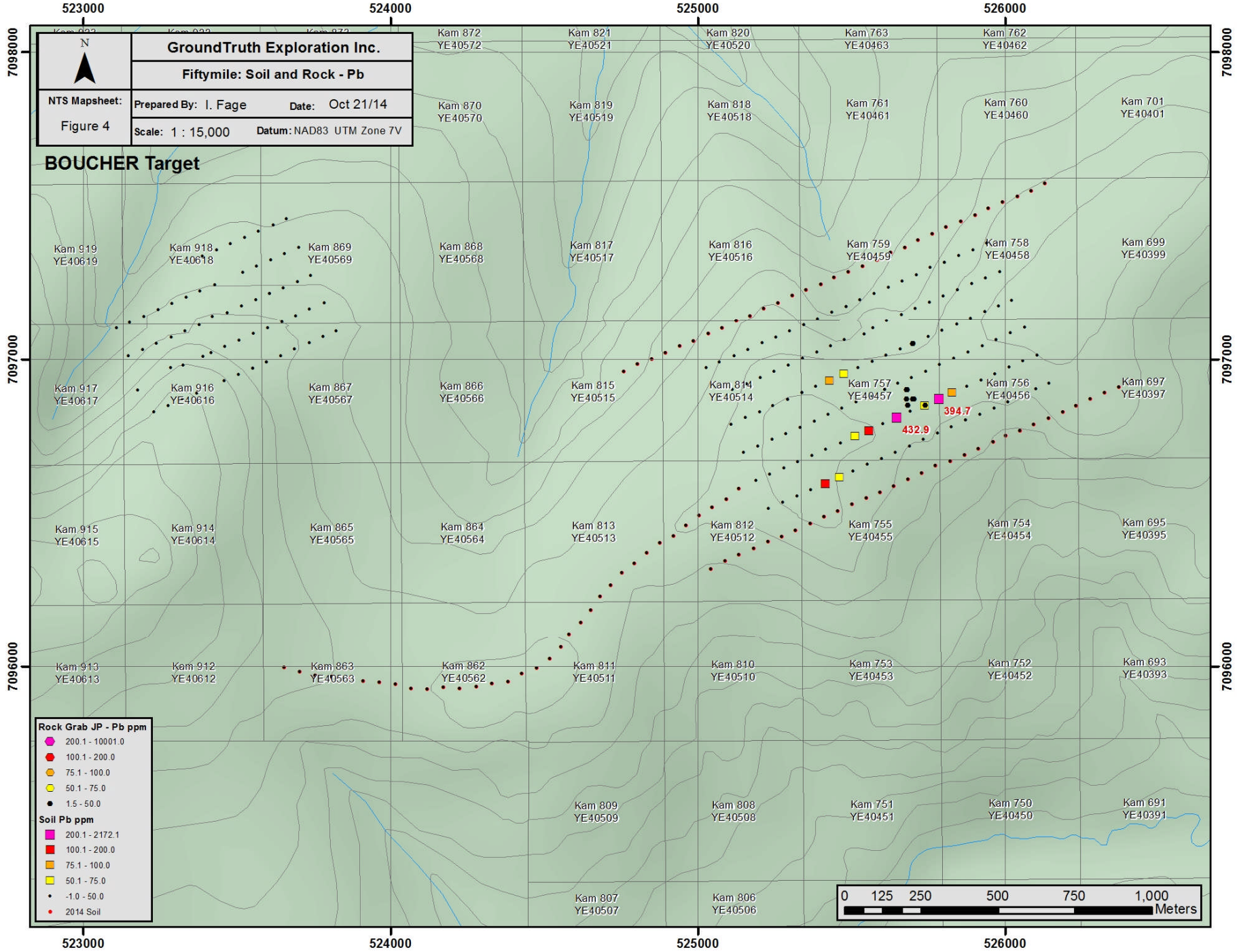


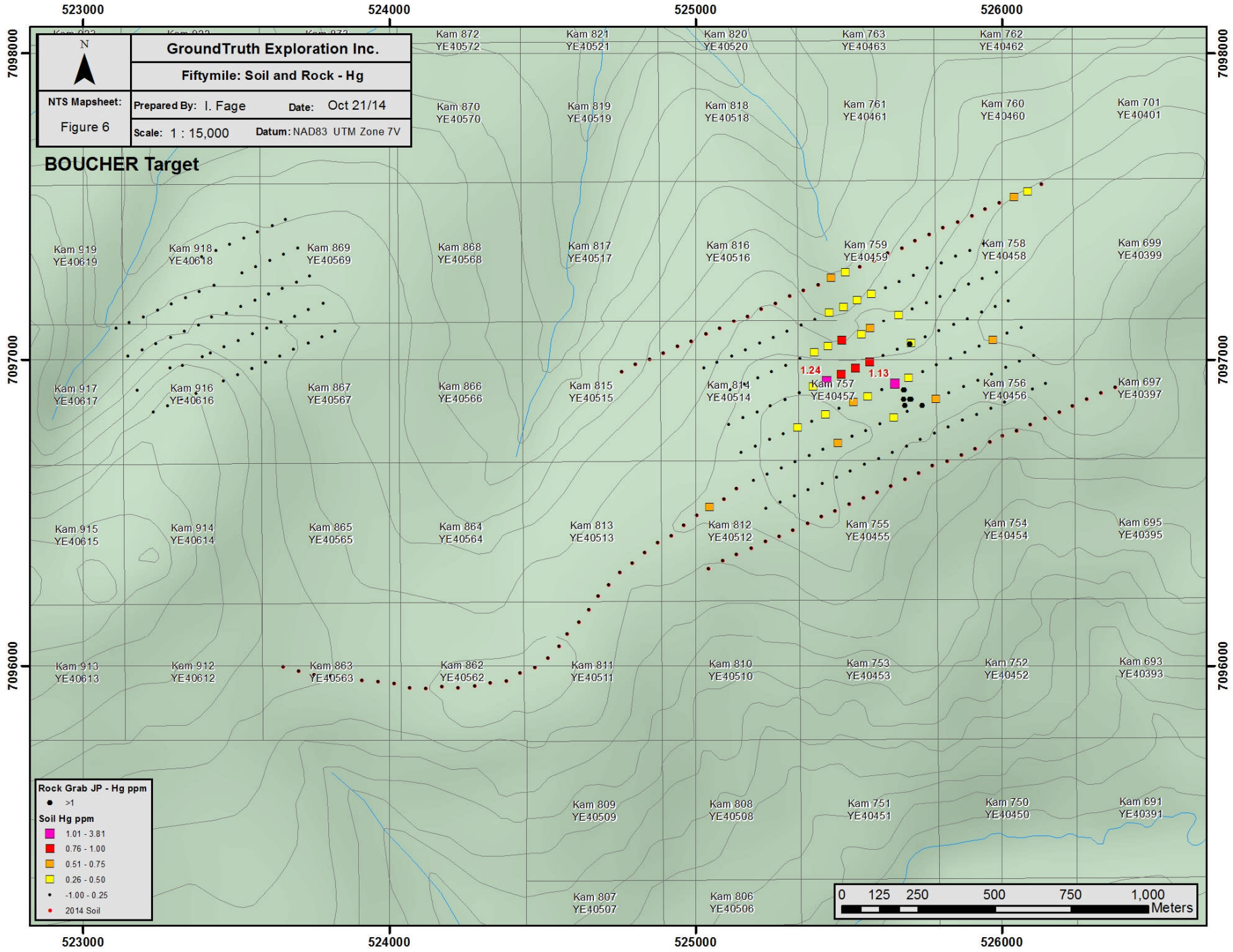
FIGURE 13: SIXTY GRID


525000
525500
7105500
7105000
N
GroundTruth Exploration Inc.
Fiftymile: Soil and Rock - Ag
NTS Mapsheet:
Figure 10
Prepared By: I. Fage
Date: Oct 21/14
Scale: 1 : 3,500
Datum: NAD83 UTM Zone 7V
CAL Target
Kam 852
YE40552
Kam 795
YE40495
Kam 794
YE40494
Kam 850
YE40550
Kam 793
YE40493
60.3 ppm Ag
FMTR14-01 (0-143m)
5.4
6.1
36.9
32.7
10.9
6.1
6.5
Rock Grab JP- Ag ppm
4.01 - 60.30
3.01 - 4.00
2.01 - 3.00
1.01 - 2.00
0.15 - 1.00
Soil Ag ppm
4.01 - 12.20
3.01 - 4.00
2.01 - 3.00
1.01 - 2.00
-1.00 - 1.00
2014 Soil
Trench Comp 5m Ag ppm
5.1 - 11.9
3.1 - 5.0
2.1 - 3.0
1.1 - 2.0
0.1 - 1.0
0
50
100
200
300
400
Meters


525300
525400
7105400
GroundTruth Exploration Inc.
Fiftymile: Soil and Rock - Ag
NTS Mapsheet:
Figure 11
Prepared By: I. Fage
Date: Oct 21/14
Scale: 1 : 650
Datum: NAD83 UTM Zone 7V
CAL Target
140-143m, 8.3ppm Ag
135-140m, 0.6ppm Ag
130-135m, 0.15ppm Ag
125-130m, 0.15ppm Ag
120-125m, 0.4ppm Ag
115-120m, 0.6ppm Ag
110-115m, 0.5ppm Ag
105-110m, 1ppm Ag
100-105m, 1ppm Ag
95-100m, 1ppm Ag
90-95m, 11.9ppm Ag
85-90m, 1.3ppm Ag
80-85m, 2.1ppm Ag
75-80m, 1ppm Ag
70-75m, 3.2ppm Ag
65-70m, 4ppm Ag
60-65m, 1.4ppm Ag
55-60m, 7.1ppm Ag
50-55m, 6.6ppm Ag
45-50m, 0.7ppm Ag
40-45m, 0.4ppm Ag
35-40m, 0.8ppm Ag
30-35m, 1ppm Ag
25-30m, 0.5ppm Ag
20-25m, 0.15ppm Ag
15-20m, 0.15ppm Ag
10-15m, 0.15ppm Ag
5-10m, 0.8ppm Ag
0-5m, 0.7ppm Ag
60.3 ppm Ag
FMTR14-01 (0-143m)
Kam 852
YE40552
Kam 795
YE40495
0 10 20 40 60 80
Meters
Rock Grab JP- Ag ppm
4.01 - 60.30
3.01 - 4.00
2.01 - 3.00
1.01 - 2.00
0.15 - 1.00
Soil Ag ppm
4.01 - 12.20
3.01 - 4.00
2.01 - 3.00
1.01 - 2.00
-1.00 - 1.00
2014 Soil
Trench Comp 5m Ag ppm
5.1 - 11.9
3.1 - 5.0
2.1 - 3.0
1.1 - 2.0
0.1 - 1.0


GroundTruth Exploration Inc.
Fiftymile: Soil and Rock - Zn
NTS Mapsheet:
Figure 3
Prepared By: I. Fage
Date: Oct 21/14
Scale: 1 : 15,000
Datum: NAD83 UTM Zone 7V
BOUCHER Target
523000
524000
525000
526000
7098000
7097000
7096000
Kam 872 YE40572
Kam 821 YE40521
Kam 820 YE40520
Kam 763 YE40463
Kam 762 YE40462
Kam 870 YE40570
Kam 819 YE40519
Kam 818 YE40518
Kam 761 YE40461
Kam 760 YE40460
Kam 701 YE40401
Kam 919 YE40619
Kam 918 YE40618
Kam 869 YE40569
Kam 868 YE40568
Kam 817 YE40517
Kam 816 YE40516
Kam 759 YE40459
Kam 758 YE40458
Kam 699 YE40399
Kam 917 YE40617
Kam 916 YE40616
Kam 867 YE40567
Kam 866 YE40566
Kam 815 YE40515
Kam 814 YE40514
Kam 757 YE40457
Kam 756 YE40456
Kam 697 YE40397
479
496
590
885
712
406
666
Kam 915 YE40615
Kam 914 YE40614
Kam 865 YE40565
Kam 864 YE40564
Kam 813 YE40513
Kam 812 YE40512
Kam 755 YE40455
Kam 754 YE40454
Kam 695 YE40395
Kam 913 YE40613
Kam 912 YE40612
Kam 863 YE40563
Kam 862 YE40562
Kam 811 YE40511
Kam 810 YE40510
Kam 753 YE40453
Kam 752 YE40452
Kam 693 YE40393
Kam 809 YE40509
Kam 808 YE40508
Kam 751 YE40451
Kam 750 YE40450
Kam 691 YE40391
Kam 806 YE40506
Rock Grab JP - Zn ppm
400.1 - 2581.0
300.1 - 400.0
200.1 - 300.0
100.1 - 200.0
17.0 - 100.0
Soil Zn ppm
400.1 - 2450.0
300.1 - 400.0
200.1 - 300.0
100.1 - 200.0
-1.0 - 100.0
2014 Soil
0 125 250 500 750 1,000
Meters


GroundTruth Exploration Inc.
Fiftymile: Soil and Rock - Pb
NTS Mapsheet:
Figure 4
Prepared By: I. Fage
Date: Oct 21/14
Scale: 1 : 15,000
Datum: NAD83 UTM Zone 7V
BOUCHER Target
523000
524000
525000
526000
7098000
7097000
7096000
Kam 872 YE40572
Kam 821 YE40521
Kam 820 YE40520
Kam 763 YE40463
Kam 762 YE40462
Kam 870 YE40570
Kam 819 YE40519
Kam 818 YE40518
Kam 761 YE40461
Kam 760 YE40460
Kam 701 YE40401
Kam 919 YE40619
Kam 918 YE40618
Kam 869 YE40569
Kam 868 YE40568
Kam 817 YE40517
Kam 816 YE40516
Kam 759 YE40459
Kam 758 YE40458
Kam 699 YE40399
Kam 917 YE40617
Kam 916 YE40616
Kam 867 YE40567
Kam 866 YE40566
Kam 815 YE40515
Kam 814 YE40514
Kam 757 YE40457
Kam 756 YE40456
Kam 697 YE40397
394.7
432.9
Kam 915 YE40615
Kam 914 YE40614
Kam 865 YE40565
Kam 864 YE40564
Kam 813 YE40513
Kam 812 YE40512
Kam 755 YE40455
Kam 754 YE40454
Kam 695 YE40395
Kam 913 YE40613
Kam 912 YE40612
Kam 863 YE40563
Kam 862 YE40562
Kam 811 YE40511
Kam 810 YE40510
Kam 753 YE40453
Kam 752 YE40452
Kam 693 YE40393
Kam 809 YE40509
Kam 808 YE40508
Kam 751 YE40451
Kam 750 YE40450
Kam 691 YE40391
Kam 807 YE40507
Kam 806 YE40506
Rock Grab JP - Pb ppm
200.1 - 10001.0
100.1 - 200.0
75.1 - 100.0
50.1 - 75.0
1.5 - 50.0
Soil Pb ppm
200.1 - 2172.1
100.1 - 200.0
75.1 - 100.0
50.1 - 75.0
-1.0 - 50.0
2014 Soil
0 125 250 500 750 1,000
Meters


GroundTruth Exploration Inc.
Fiftymile: Soil and Rock - Hg
NTS Mapsheet:
Figure 6
Prepared By: I. Fage
Date: Oct 21/14
Scale: 1 : 15,000
Datum: NAD83 UTM Zone 7V
BOUCHER Target
523000
524000
525000
526000
7098000
7097000
7096000
Kam 872 YE40572
Kam 821 YE40521
Kam 820 YE40520
Kam 763 YE40463
Kam 762 YE40462
Kam 870 YE40570
Kam 819 YE40519
Kam 818 YE40518
Kam 761 YE40461
Kam 760 YE40460
Kam 701 YE40401
Kam 919 YE40619
Kam 918 YE40618
Kam 869 YE40569
Kam 868 YE40568
Kam 817 YE40517
Kam 816 YE40516
Kam 759 YE40459
Kam 758 YE40458
Kam 699 YE40399
1.24
1.13
Kam 917 YE40617
Kam 916 YE40616
Kam 867 YE40567
Kam 866 YE40566
Kam 815 YE40515
Kam 814 YE40514
Kam 757 YE40457
Kam 756 YE40456
Kam 697 YE40397
Kam 915 YE40615
Kam 914 YE40614
Kam 865 YE40565
Kam 864 YE40564
Kam 813 YE40513
Kam 812 YE40512
Kam 755 YE40455
Kam 754 YE40454
Kam 695 YE40395
Kam 913 YE40613
Kam 912 YE40612
Kam 863 YE40563
Kam 862 YE40562
Kam 811 YE40511
Kam 810 YE40510
Kam 753 YE40453
Kam 752 YE40452
Kam 693 YE40393
Kam 809 YE40509
Kam 808 YE40508
Kam 751 YE40451
Kam 750 YE40450
Kam 691 YE40391
Kam 807 YE40507
Kam 806 YE40506
Rock Grab JP - Hg ppm
>1
Soil Hg ppm
1.01 - 3.81
0.76 - 1.00
0.51 - 0.75
0.26 - 0.50
-1.00 - 0.25
2014 Soil
0 125 250 500 750 1,000
Meters

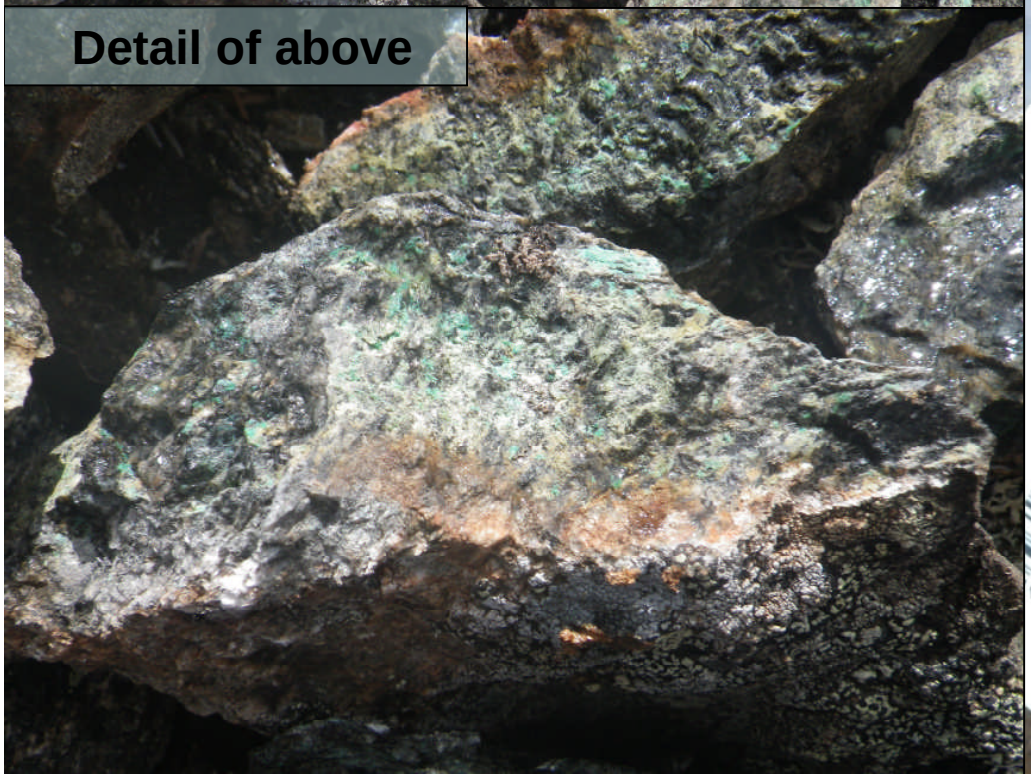
Appendix V:
Photographs
(sample results in ppm)

CAL PROSPECTING SAMPLES

0.34 Au, 6.1 Ag, 9 Bi, 5574 Cu, 20 Mo

0.548 Au, 32.7 Ag, 971 Bi, 1412 Cu

Detail of above



1.41 Au, 36.9 Ag, 811 Bi, 4789 Cu, 46 Mo

1393641

1.41 Au, 36.9 Ag, 811 Bi, 4789 Cu, 46 Mo
composite grab over 20m along Cal road

NW NINE PROSPECTING SAMPLES

4.23 Au, 6.4 Ag, 10 Bi, 734 Pb, 441 Zn

Detail of 1353932

23.5 Ag, 28 Sb, 27 Bi

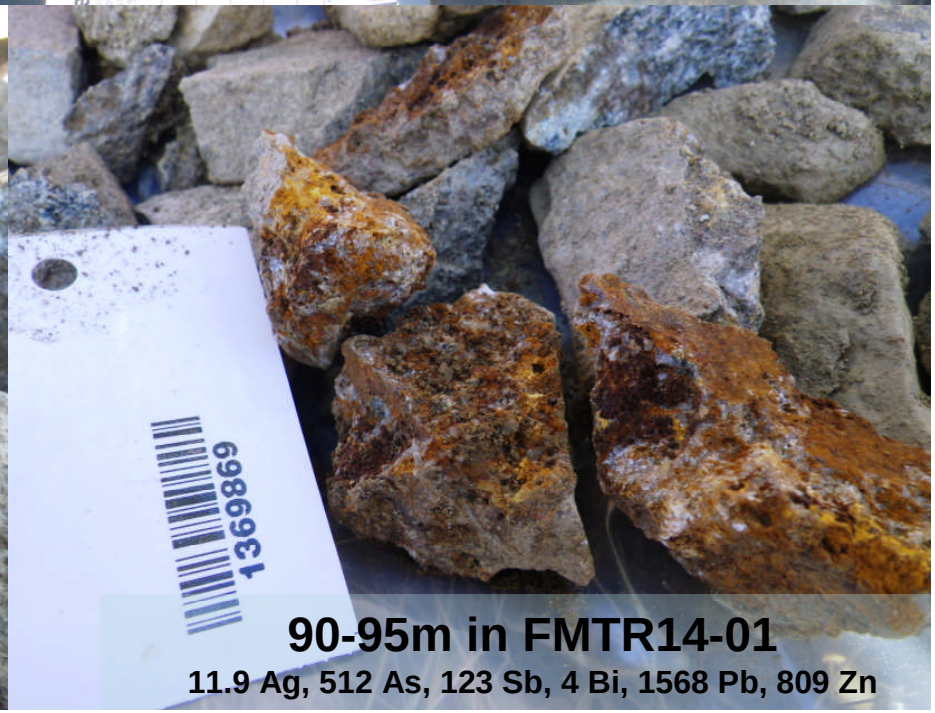
Detail of 1353932

CAL TRENCH FMTR14-01


CAL TRENCH FMTR14-01
55-60m in FMTR14-01
0.073 Au, 7.1 Ag, 620 As, 18 Sb, 1457 Pb, 1492 Zn


Grab at 56-57m in FMTR14-01
0.893 Au, 60.3 Ag, 2996 As, 92 Sb, 7647 Pb, 5511 Zn

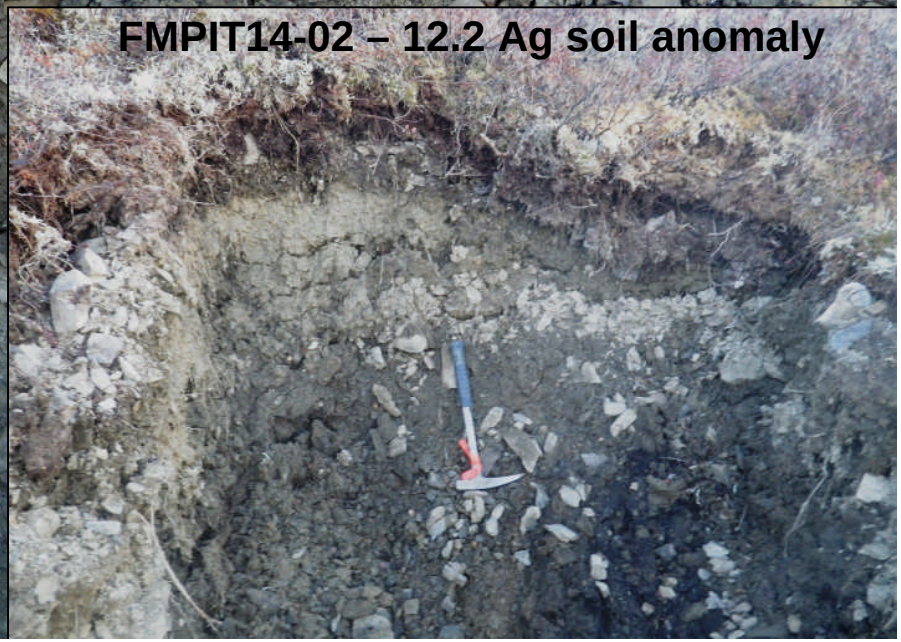

Detail of above


1369869
90-95m in FMTR14-01
11.9 Ag, 512 As, 123 Sb, 4 Bi, 1568 Pb, 809 Zn

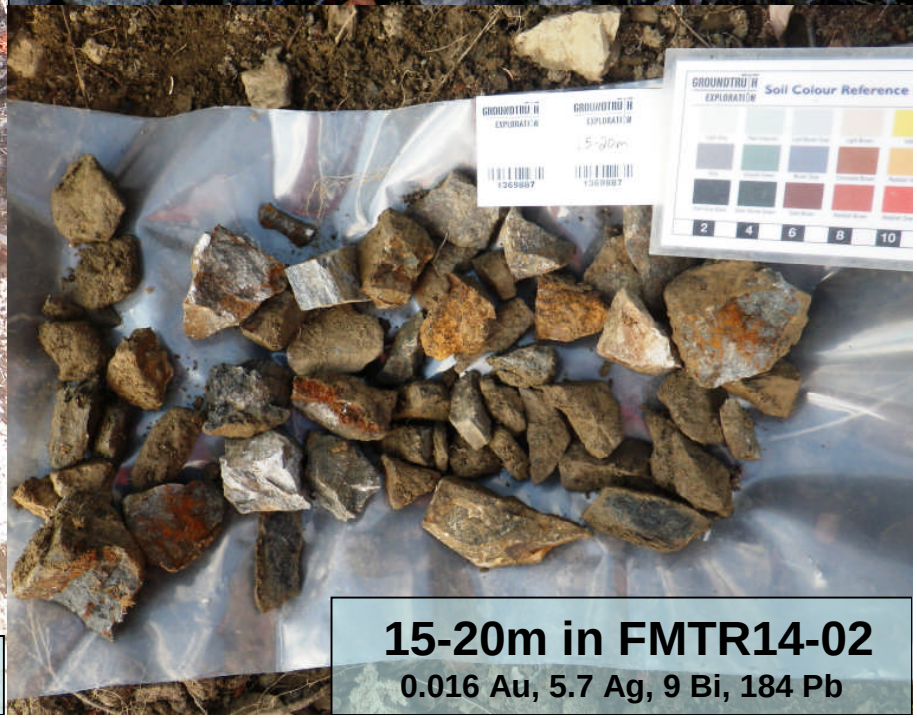
NW NINE PIT FMPIT14-01 – 8.5 Ag soil anomaly

FMPIT14-01 Detail

FMPIT14-02 – 12.2 Ag soil anomaly



NW NINE FMTR14-02



15-20m in FMTR14-02

0.016 Au, 5.7 Ag, 9 Bi, 184 Pb