GEOLOGICAL AND GEOCHEMICAL ASSESSMENT REPORT for the 2013 PROGRAM on the FIFTY MILE PROJECT

Sixtymile area, Yukon Territory

Kam 627-639, 688-701:	YE40327-YE40339, 388-401
Kam 748-1300, 1301-1448:	YE40448-YE41000, YE44001-148
Kam 1450, 1452-1560:	YE44150, 152-260
Kam 1562, 67-88, 90:	YE44262, 67-88, 90, YE44290
Kam 1599-1618, 20, 31-46, 48:	YE44299-318, 20, 31-46, 48
Kam 1661-72, 74, 87-94, 96:	YE44361-72, 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
July 2 and October 11, 2013

For

0908937 B.C. Ltd.
711-675 West Hastings Street
Vancouver, British Columbia
V6B 1N2, Canada

By
Jean Pautler, P.Geo.
JP Exploration Services Inc.
#103-108 Elliott Street
Whitehorse, Yukon
Y1A 6C4

April 13, 2014

1.0 EXECUTIVE SUMMARY

The 20,275 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 plugs, dykes and sills of the Prospector Mountain suite occur just south and west of the Fifty Mile Project and may extend onto the property.

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. 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.

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. 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.

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 southern Nine target and along the California Creek road. Exploration by 0908937 B.C. Ltd., since the granting of the option in 2011, consisted of the collection of 2,469 soil samples, 60 silt samples and 180 rock samples, with local prospecting and concurrent mapping in 2011 and 2012, which 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 exploration program conducted between July 2 and October 11, consisted of the collection of 2,070 grid soils and minor prospecting, with concurrent mapping and sampling (3

soil and 22 rock samples) to follow up the 2011 to 2012 anomalies. Six significant target areas warranting follow up were delineated.

The Cal target covers a strong northeast trending 200m by almost 1.7 km >20 ppb gold-arsenic-antimony, ±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, and is open to the southwest, and possibly open to the northeast where it may be dextrally offset about 400m by a northwest trending fault. A grab sample of altered orthogneiss from the northwest anomaly area returned 30.8 g/t Ag.

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.

Three north-northwest trending copper-gold ±silver anomalies were identified at the Boucher target with maximum values of 2171.2 ppm Cu and 43.2 ppb Au. The westernmost anomaly is 150-300m wide and extends across the 500m long grid. 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 northwestern 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. The southeastern 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 Top target covers a spot 179.6 ppb Au in soil anomaly (highest in 2011 survey), proximal to a mapped northerly trending fault and occurrences of breccia. Samples collected around this sample in 2012 did not produce anomalous results, but grid sampling was not undertaken and follow up was not conducted in 2013.

The Cal, Nine and possibly the Top 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 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. and similarities to the Jurassic orogenic gold mineralization in the White Gold and Klondike gold districts of the Yukon.

A two phase exploration program is recommended with a Phase 1 budget of $200,000 consisting of soil grid extension, ridge and spur soils, prospecting/mapping, geoprobe and trenching to follow up the six target areas delineated. Contingent on results from Phase 1, a $500,000 Phase 2 budget is proposed consisting of 1,500m of diamond drilling, and CSAMT geophysics (to detect areas of silicification in deep overburden covered areas).

Table of Contents

Page

1.0 Executive Summary.....i
2.0 Introduction and Terms of Reference.....1
2.1 Qualified Person and Participating Personnel.....1
2.2 Terms, Definitions and Units.....1
2.3 Source Documents.....1
2.4 Limitations, Restrictions and Assumptions.....2
2.5 Scope.....2
3.0 Reliance on Other Experts.....3
4.0 Property Description and Location.....3
4.1 Location.....3
4.2 Land Tenure.....5
5.0 Accessibility, Climate, Local Resources, Infrastructure & Physiography.....6
5.1 Access, Local Resources and Infrastructure.....6
5.2 Physiography, Climate and Infrastructure.....7
6.0 History.....8
7.0 Geological Setting and Mineralization.....9
7.1 Regional Geology.....9
7.2 Property Geology.....14
7.3 Mineralization.....18
8.0 Deposit Type.....19
9.0 2013 Exploration.....21
9.1 Geochemistry and Prospecting.....21
9.1.1 Sampling Method and Approach.....21
9.1.2 Results.....24
10.0 Drilling.....31
11.0 Sample Preparation, Analyses and Security.....32
12.0 Data Verification.....32
13.0 Mineral Processing and Metallurgical Testing.....33
14.0 Mineral Resource Estimates.....33
15.0 Adjacent Properties.....33
16.0 Other Relevant Data and Information.....34
17.0 Interpretation and Conclusions.....34
18.0 Recommendations and Budget.....37
19.0 References.....40
20.0 Certification, Date and Signature.....43

List of Illustrations

		Page
Figure 1:	Location Map	3
Figure 2:	Claim Map	4
Figure 3:	Regional Geology	11
Figure 4:	Property Geology	12
Figure 5:	Magnetic Map	13
Figure 6:	Sixty Mile – Pika Fault Detail	16
Figure 7:	Sixty Mile River Detail	16
Figure 8:	Nine Target Detail	17
Figure 9:	2011 Soil Geochemistry	22
Figure 10:	Compilation and Index Map	23
Figure 11:	Gold Soil Geochemistry Overview	25
Figure 12:	CAL Grid	26
Figure 13:	Sixty Grid	27
Figure 14:	Boucher Grid	28
Figure 15:	NW Nine Grid	29
Figure 16:	SE Nine Grid	30

List of Tables

Table 1:	Claim data	5
Table 2:	Option agreement summary	6
Table 3:	Target summary	35
Table 4:	Proposed work summary	38

List of Appendices

Appendix I:	Statement of Expenditures
Appendix II:	Geochemical Procedure
Appendix III:	Rock Sample Descriptions
Appendix IV:	Soil Sample Descriptions
Appendix V:	Geochemical Results
Appendix VI:	Additional Soil Maps for Reference

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 examine and evaluate the geology and mineral potential of 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 report was prepared to fulfill assessment requirements.

The report describes the 2013 exploration program on the property and is based on 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 2013 program, which is the subject of this report, consisted of follow up soil grids over select targets by GroundTruth Exploration Inc. of Dawson City, Yukon Territory and minor prospecting with mapping and sampling by the author, and was completed between July 2 and October 11, 2013.

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. 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) 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 March 1, 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 March 2, 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 of 0908937 B.C. Ltd.
- Company data of 0908937 B.C. Ltd., including a review of the entire 2011 to 2013 exploration programs, and option agreement (discussed in Section 4.2, Land Tenure).
- Examination of, and work on, the property by the author on September 17-19 and 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.

2.5 Scope

This report describes the geology, previous exploration history, exploration by 0908937 B.C. Ltd., and mineral potential of the Fifty Mile Project. Research included a review of the historical work related to the property and surrounding area. Regional geological data and current exploration information have been reviewed to determine the geological setting of the mineralization and to obtain an indication of the level of industry activity in the area. The report was prepared to fulfill assessment requirements.

The property was examined by the author on September 17-19 and June 15, 2013, and September 19, 2012 for 0908937 B.C. Ltd., involving the examination of historic trenches, soil anomalies and extent of the Sixty Mile-Pika fault system in the northern

property area. Procedures and results of the 2011 to 2013 geochemical surveys have been reviewed, and select soil locations examined in the field by the author.

Based on the literature review and property examination recommendations are made for the next phase of exploration work. An estimate of costs has been made based on current rates for trenching, soil and geophysical surveys and professional fees in the Yukon Territory.

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.

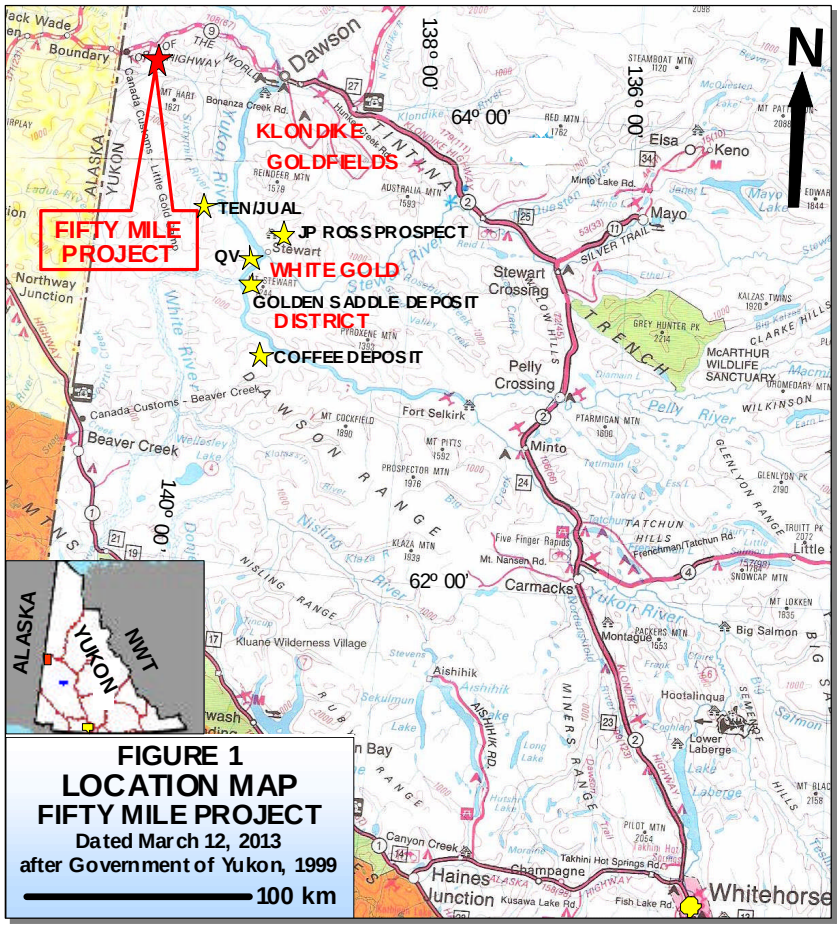


FIGURE 1
LOCATION MAP
FIFTY MILE PROJECT
Dated March 12, 2013
after Government of Yukon, 1999
100 km

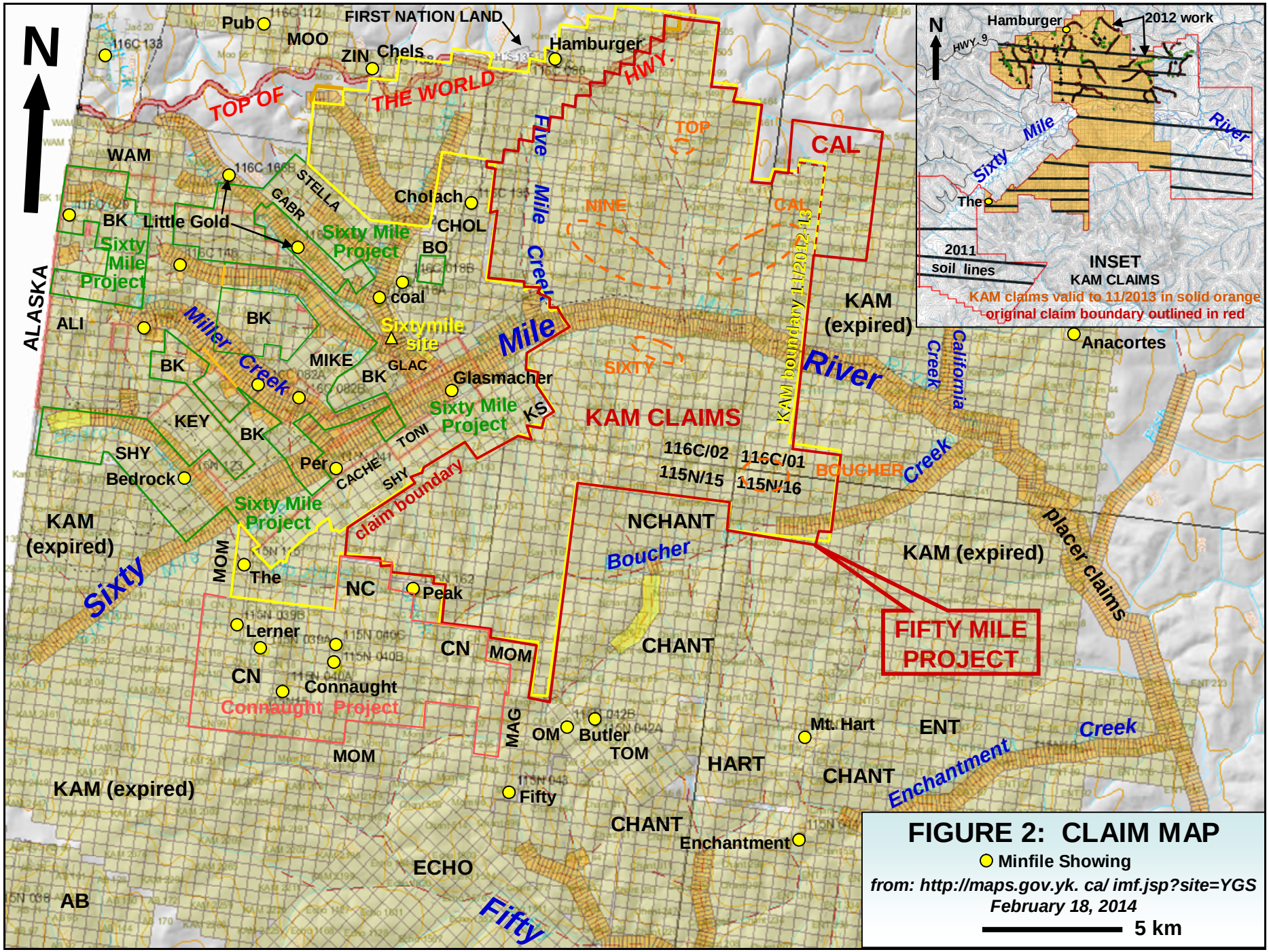


FIGURE 2: CLAIM MAP

Minfile Showing

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

February 18, 2014

5 km

4.2 Land Tenure (Figure 2)

The Fifty Mile Project consists of 972 Yukon Quartz Mining claims covering an area of approximately 20,275 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.	Old Expiry Date	Expiry Date*
Kam 627-639, 688-701, 748-1037	YE40327-339, 388-401, 448-737	317	01/11/2013	01/11/2014
Kam 1038-45, 84-91	YE40738-45, 84-91	16	01/11/2013	01/11/2015
Kam 1046-83, 1092-1129, 38, 40, 42, 44	YE40746-783, 791-829, 38,40, 42, 44	80	01/11/2013	01/11/2014
Kam 1130-37, 39, 41, 43, 45	YE40830-37, 39, 41, 43, 45	12	01/11/2013	01/11/2015
Kam 1146-1207, 1222-83, 1302-5	YE40846-907, 922-83, 44002-5	128	01/11/2013	01/11/2014
Kam 1208-21, 1284-1301	YE40908-21, 84-41000, 44001	32	01/11/2013	01/11/2015
Kam 1306-11, 16-21	YE44006-11, 16-21	12	01/11/2013	01/11/2015
Kam 1312-15,1322-1448, 1450	YE44006-015, 022-148, 150	132	01/11/2013	01/11/2014
Kam, 1538, 40-60, 62, 73-88, 90	YE44238, 40-60, 62, 73-88, 90 290	40	01/11/2013	01/11/2014
Kam 1452-1536, 1607-18, 1620	YE44152-236, 307-18, 320	98	01/11/2013	01/11/2014
Kam 1537, 39, 67-72, 99--06, 1631-38	YE44237, 39, 67-72, 99-306, 331-38	24	01/11/2013	01/11/2015
Kam 1639-46, 48, 61-72, 74, 87-94, 96	YE44339-46, 48, 61-72, 74, 87-94, 96	31	01/11/2013	01/11/2014
Cal 1-50	YE77921- YE77970	50	03/09/2014	03/09/2015
TOTAL		**972**		

* expiry date based on acceptance of 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)*. The current claim boundary is shown in red on Figure 2. Work filed on the Cal claims did not commence until after the recording date of the claims on September 3, 2013.

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.

TABLE 2: Option agreement summary

Timing	$ Cash	Shares	$ Expenditures
On Listing		250,000	
Year 1:		250,000	
Year 2:	100,000	500,000	
Year 3:			300,000
TOTAL	**$100,000**	**1,000,000**	**$300,000**

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 10)* 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 health center, 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 and 10)

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 9)*, 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 10)*.

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.

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 targets and anomalies are shown on Figures 2 and 10 with 2012-2013 anomalous gold in soils on Figure 11. 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 10)*.

The locations of occurrences in the area, known mineralized zones and important natural features are shown in Figures 2 and 10 in relation to the outside property boundaries.

7.0 GEOLOGICAL SETTING AND MINERALIZATION

7.1 Regional Geology (Figure 3)

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 2013.

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 3)*. 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**).

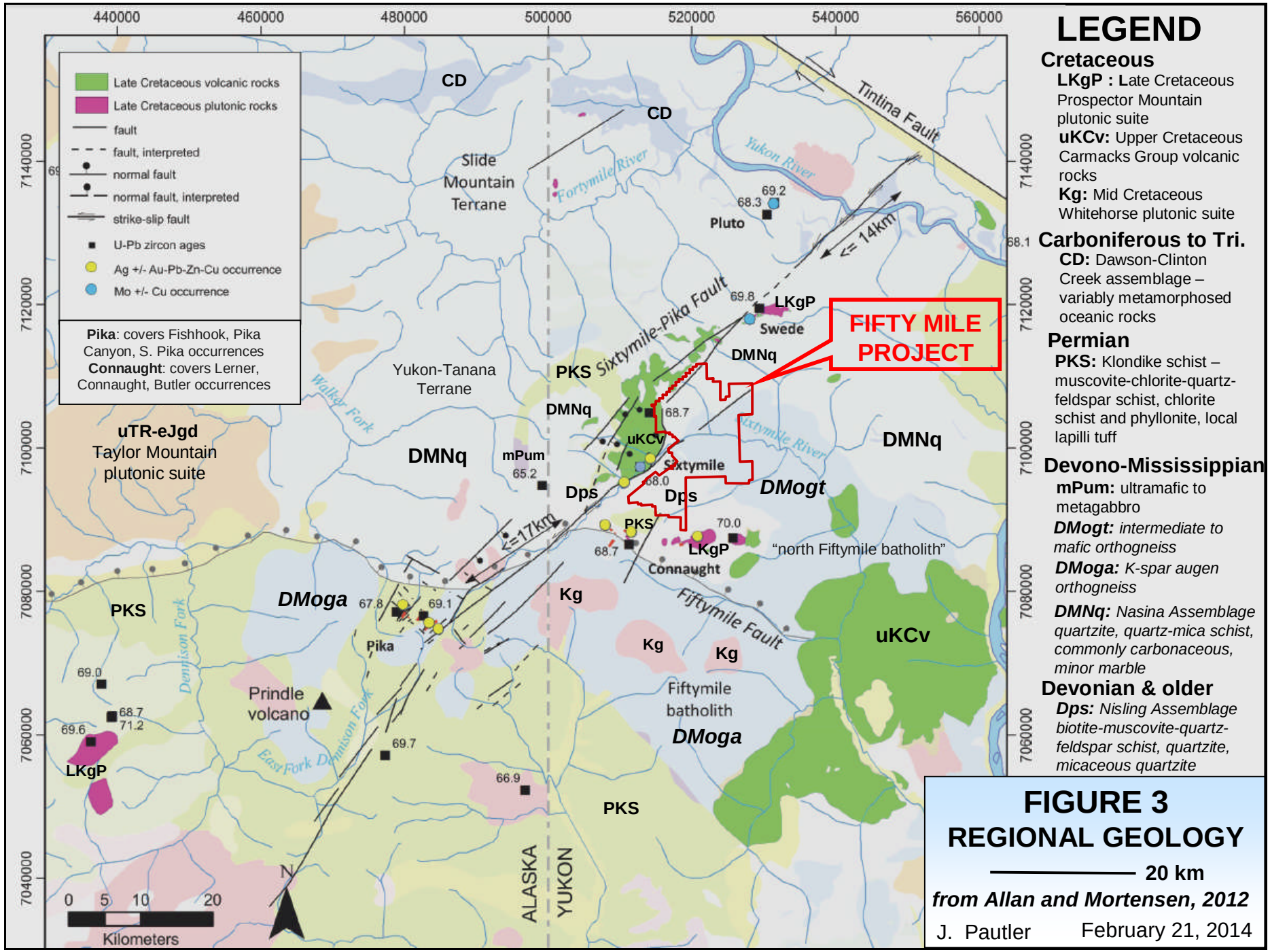
The northeast trending, approximately 140 km long Sixtymile-Pika fault system extends from the East Fork of the Fortymile River in eastern Alaska, through the Sixty Mile River valley, possibly to the Tintina fault and exhibits approximately 15 km of sinistral offset *(Figure 3)*. At Sixtymile rocks of 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”.



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

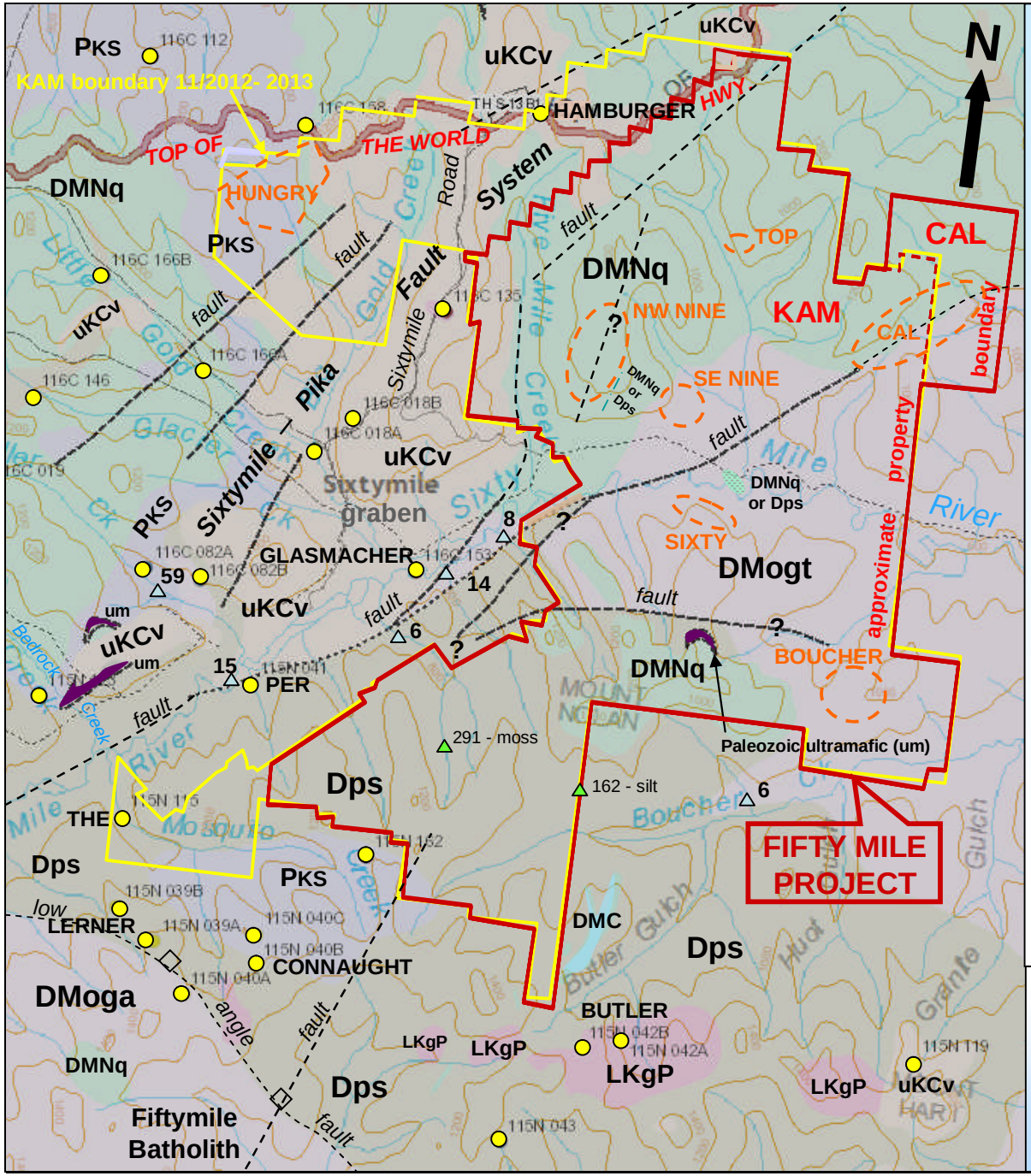
Dps: *Nisling Assemblage biotite-muscovite-quartz-feldspar schist, quartzite, micaceous quartzite*

FIGURE 3
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 4
PROPERTY GEOLOGY
FIFTY MILE PROJECT

5 km

J. Pautler — Revised February 22, 2014

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

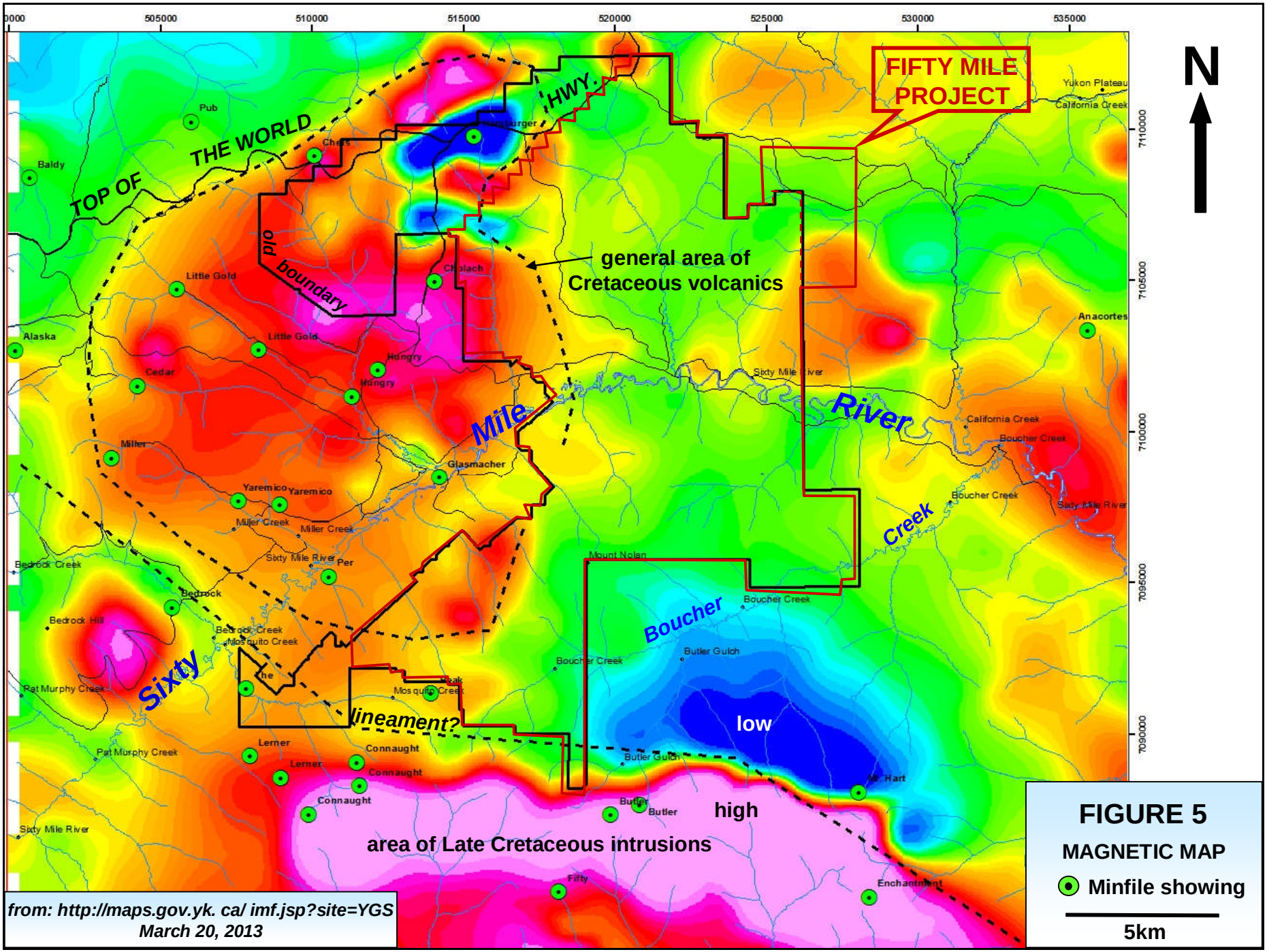


FIGURE 5

MAGNETIC MAP

Minfile showing

5km

from: http://maps.gov.yk. ca/ imf.jsp?site=YGS
March 20, 2013

7.2 Property Geology (Figures 4 to 8 and 10)

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 examined the Cal target area on September 19, 2012 during a site visit, 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 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 4, geophysics on Figure 5, and current mapping is shown on Figures 6 to 8. A compilation is shown in Figure 10.

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 4)*. 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 10)*. 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 3)*. 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 6)*. 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 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 3)*, extending through the Cal target *(Figure 4)*. 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 and mafic orthogneiss (**DMogt**) at the Cal target *(Figure 10)*. Zones (screens) of metasedimentary schist were noted within the mafic orthogneiss *(Figure 10)* along the lower California Creek road *(Jones, 2012)*.

A lineament was interpreted by Sheldrake (2012) to trend along the northern edge of the Cretaceous intrusions, just south of the property *(Figure 5)*. A north-northeast trending fault is shown in regional government mapping in this area, which may continue across the southwest property area *(Figures 3 and 4)*. 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)*.

Examination of the 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 8)* 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. The northwestern Nine target is 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**).

Limited mapping by the author in 2013 identified unaltered chloritic meta-andesite of the Klondike schist (**PKS**) in the Hungry Gulch area, but the creek was still snow covered at the time.

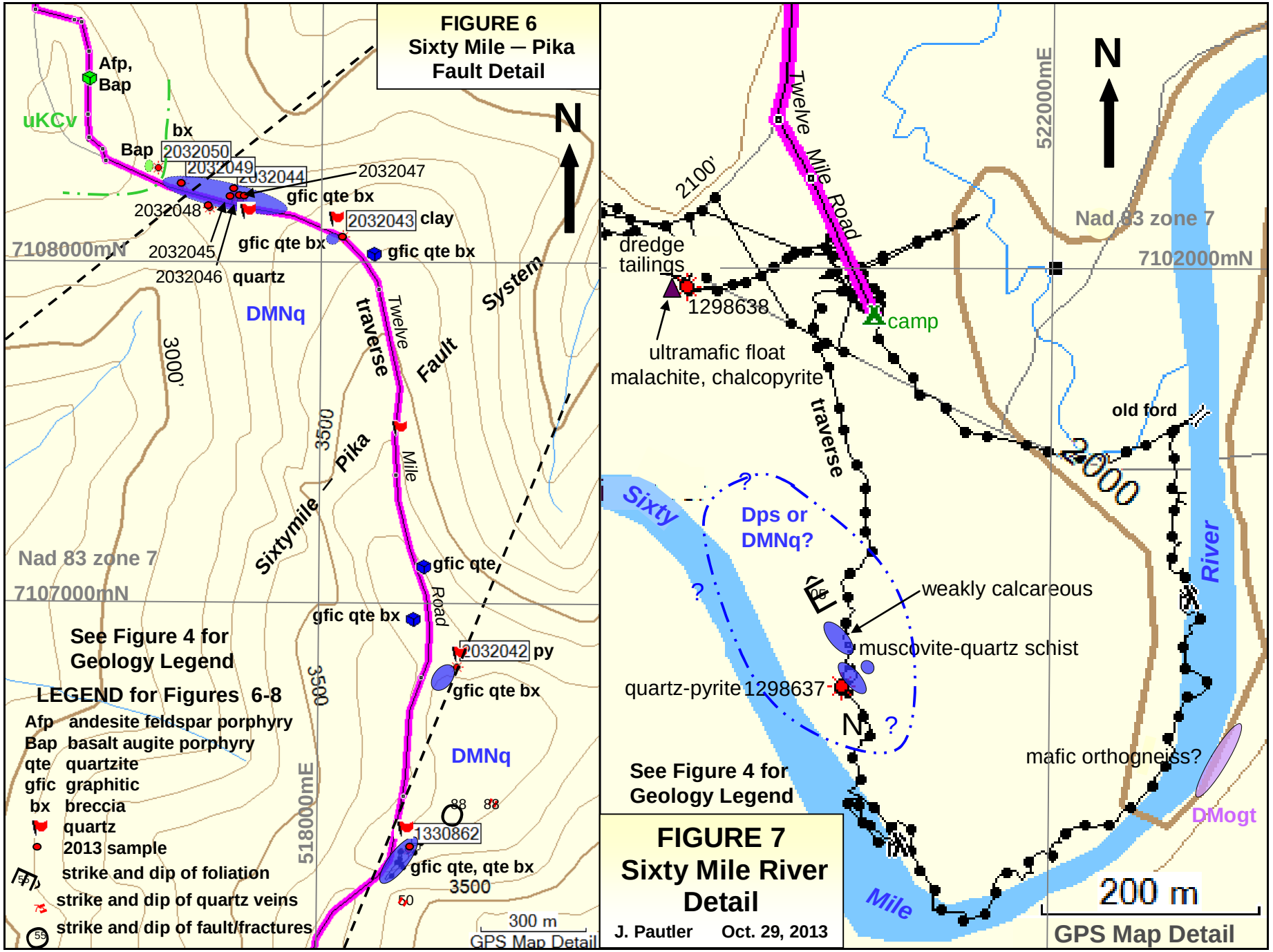
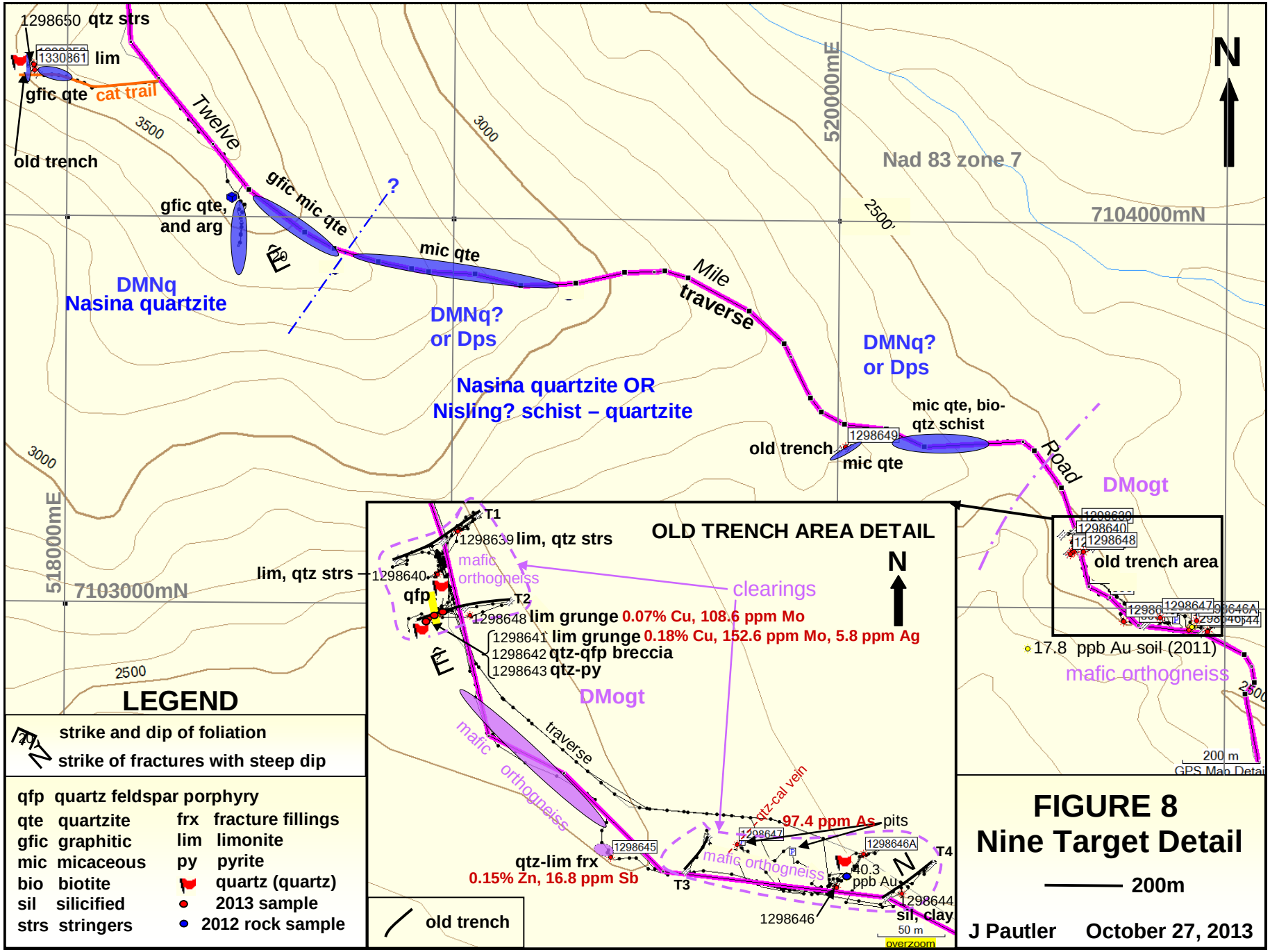


FIGURE 6
Sixty Mile – Pika
Fault Detail
N
Afp,
Bap
uKCv
bx
Bap
2032050
2032049
2032044
2032047
gfic qte bx
2032048
2032043
clay
7108000mN
2032045
gfic qte bx
gfic qte bx
2032046
quartz
DMNq
3000'
traverse
Twelve
Fault
System
3500
Pika
Mile
Sixtymile
Nad 83 zone 7
7107000mN
gfic qte
Road
gfic qte bx
2032042
py
gfic qte bx
3500
DMNq
518000mE
1330862
gfic qte, qte bx
3500
300 m
GPS Map Detail
See Figure 4 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
traverse
old ford
2000
Sixty
Mile
River
Dps or
DMNq?
weakly calcareous
muscovite-quartz schist
quartz-pyrite 1298637
mafic orthogneiss?
See Figure 4 for
Geology Legend
DMogt
200 m
GPS Map Detail
FIGURE 7
Sixty Mile River
Detail
J. Pautler Oct. 29, 2013


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
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
1298644
sil, clay
1298646
qtz-lim frx
0.15% Zn, 16.8 ppm Sb
1298645
T3
50 m
overzoom
old trench area
1298639
1298640
1298648
1298647
17.8 ppb Au soil (2011)
mafic orthogneiss
200 m
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 8
Nine Target Detail
200m
J Pautler October 27, 2013

7.3 Mineralization (Figures 4 to 10)

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 4).* 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.

Six significant soil anomalies warranting follow up were delineated on the Fifty Mile Project by the 2011 to 2013 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.

The Cal target covers a strong northeast trending 200m by almost 1.7 km >20 ppb gold-arsenic-antimony, ±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. 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. Three north-northwest trending copper-gold ±silver anomalies were identified at the Boucher target with maximum values of 2171.2 ppm Cu and 43.2 ppb Au. The westernmost anomaly is 150-300m wide and extends across the 500m long grid. The northwestern Nine target 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. The southeastern 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. The Top target covers a spot 179.6 ppb Au in soil anomaly, proximal to a mapped northerly trending fault and occurrences of breccia.

A number of quartz-limonite±pyrite veins occur along the upper California Creek road, with elevated silver values (maximum 7.4 ppm Ag). Pyritic and variably carbonate altered and quartz stringered mafic orthogneiss, returning a maximum of 30.8 g/t Ag, was observed in the Cal anomaly area by the author in 2012. *(Refer to Figure 10.)*

Small (<1m wide) oxidized polymetallic veins occur in an area of old trenching along the Twelve Mile road in the southeastern Nine target containing maximum values in rock 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 *(Figure 8)*.

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 7 and 10)*. The source could be local ultramafic lenses, one of which is mapped along the north side of Boucher Ridge *(Figure 4)*. Other ultramafic lenses occur near Bedrock Creek *(Figure 4)*.

A 46.9 ppb Au in silt anomaly was also obtained in Hungry Gulch draining the former northwestern property area *(Figure 10)*, which lies along trend of north-northeast trending polymetallic veins along Little Gold Creek, Minfile 116C 166, *(Deklerk, 2009)*.

In the eastern Kam claims (now lapsed) fine disseminated and cubic pyrite was observed in the matrix and in calcite fracture fillings of highly folded and limey interfoliated gneiss, but no significant results were obtained *(Jones, 2012)*.

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 4)*.

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 4)*.

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 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. Drilling on the neighboring, QV property of Comstock Metals Ltd., intersected 2.34 g/t Au over 89.85m in QV12-004 *(Comstock news release October 22, 2012)*.

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 2013 EXPLORATION (Figures 6 to 15)

Approximately 100 man-days were spent on the Fifty Mile Project for 0908937 BC Ltd. between July 2 and October 11, 2013 involving the collection of 2,070 grid soils with an additional 3 soil and 22 rock samples collected by the author while conducting local prospecting and mapping. The 2013 program consisted of follow up of soil anomalies obtained from a reconnaissance soil survey conducted in 2011 *(Figure 9) (MacDonald, 2012)* and reconnaissance soil, silt and rock geochemistry in 2012 *(Figure 10) (Jones, 2012)*. Control was provided by property scale topographic maps, compass and GPS. Sample locations are shown in Figures 6 to 8 and 10 to 15, with significant results. Rock sample descriptions with select results are outlined in Appendix III, soil sample descriptions in Appendix IV and complete results in Appendix V. 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 VI.

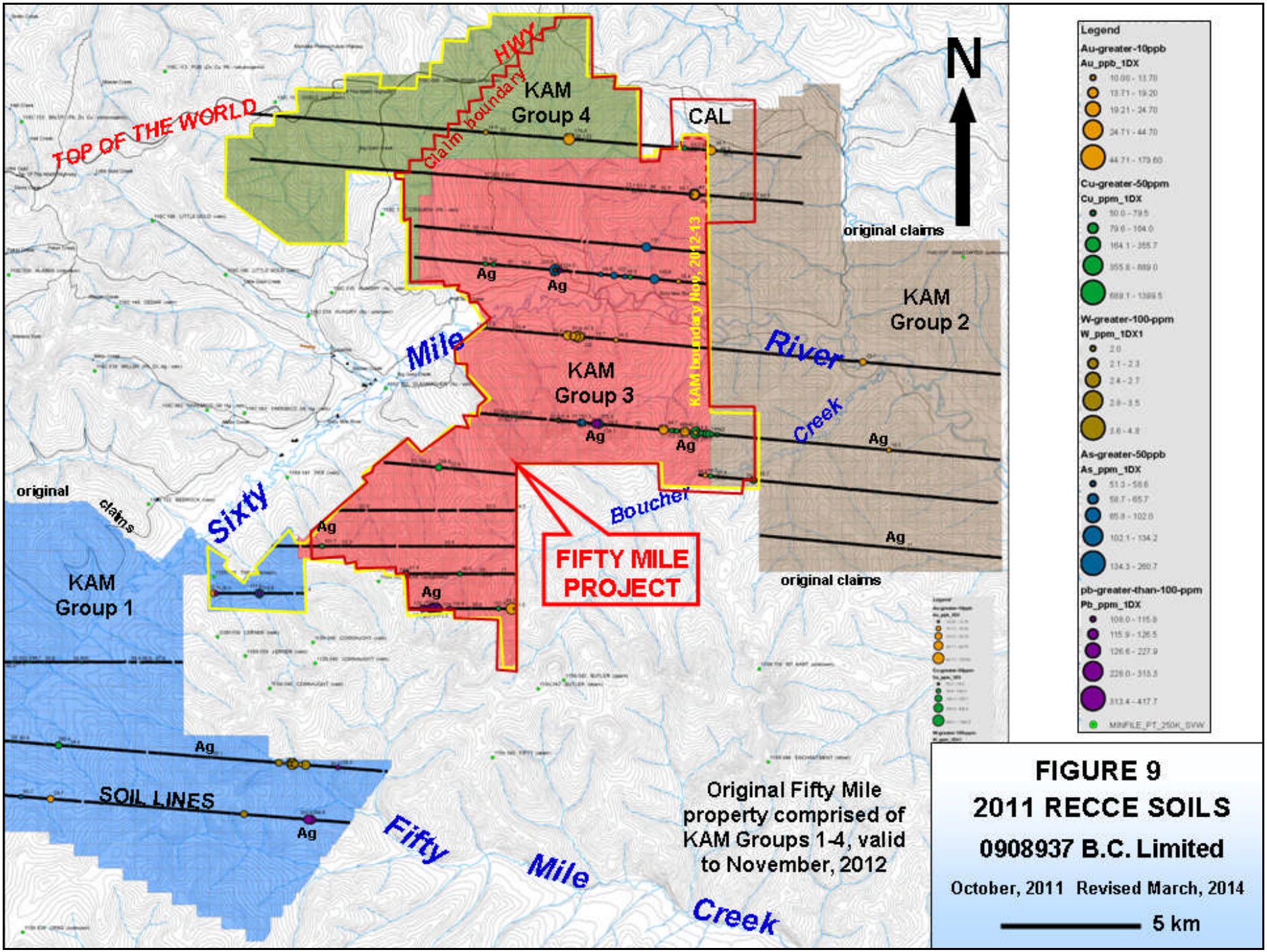
The 2013 grid soil samples were collected from 6 soil grids over four target areas *(Figure 11)*, a 2.1 by 2.2 km grid on the northwestern Nine target *(Figure 14)*, a smaller 0.8-1.0 by 0.7 km grid on the southeastern Nine *(Figure 15)*, a 1.0 by 2.2 km grid on the Cal *(Figure 12)*, a 1.75-2.0 by 0.5 km grid on the Sixty *(Figure 13)*, and a 1.0 by 0.5 km grid on the Boucher and an irregular 0.35-0.65 by 0.4 km grid west of Boucher *(Figure 14)*. Samples were collected by GroundTruth Exploration Inc. of Dawson City, Yukon Territory, generally at 50m intervals on lines spaced 100m apart.

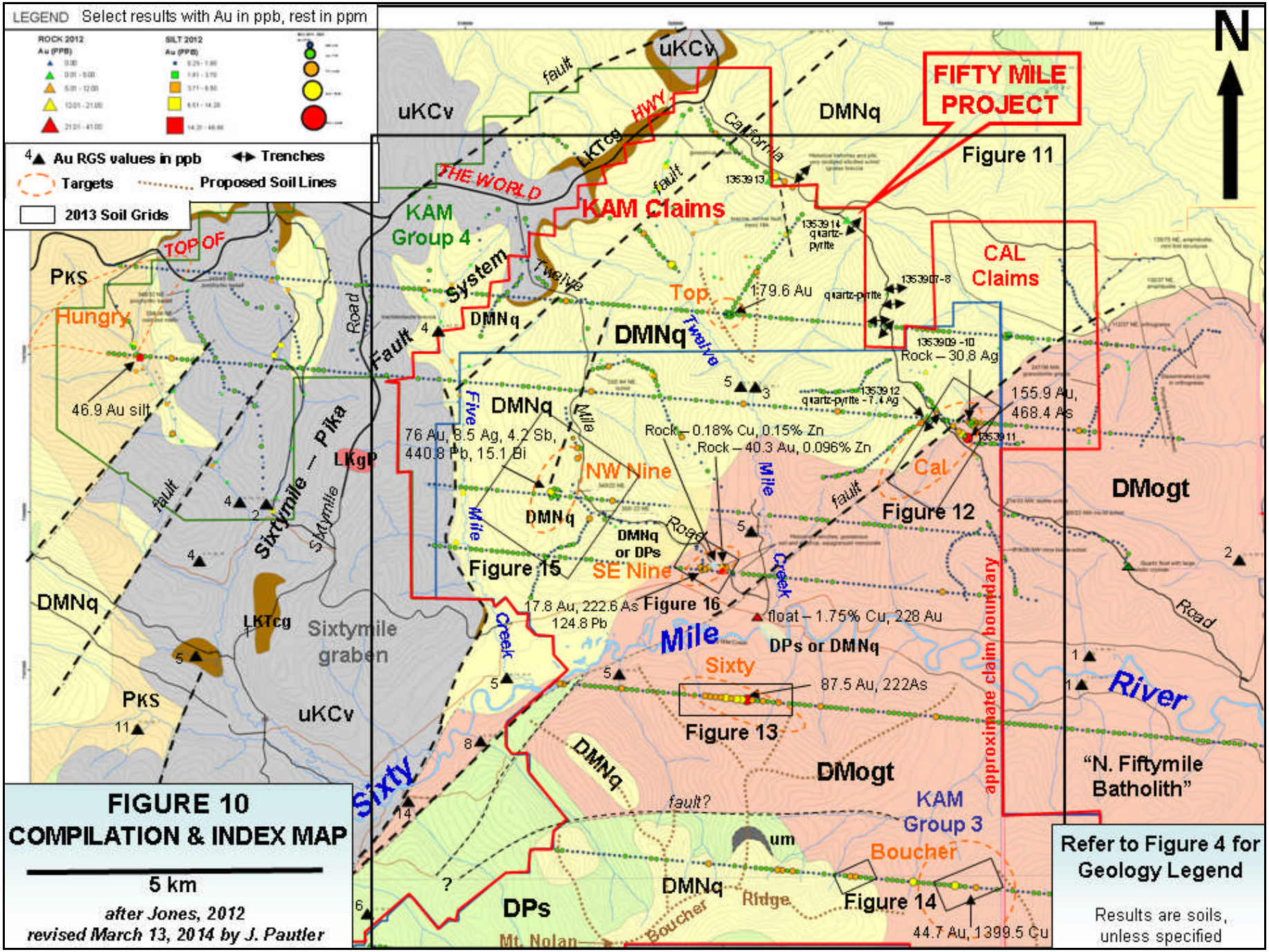
9.1 Geochemistry and Prospecting

9.1.1 Sampling Method and Approach

A total of 2,070 soil samples were collected for 0908937 B.C. Ltd. on the Fifty Mile Project in 2013. The 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 field camp. At camp samples were sealed in a rice bag by each field technician using a tamper proof, bar code enhanced security zip tie.

The rock samples collected by the author consisted of grab samples from quartz veins, veinlets, stringers, altered zones, breccias, sulphide (primarily pyrite) bearing and limonitic zones. The author’s 2013 soils were collected from gossanous or altered zones. 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.


TOP OF THE WORLD
HWY
Claim boundary
KAM Group 4
CAL
original claims
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
KAM Group 2
KAM Group 3
KAM boundary Nov. 2012-13
Mile
River
Creek
Ag
original
claims
Sixty
Boucher
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
FIGURE 9
2011 RECCE SOILS
0908937 B.C. Limited
October, 2011 Revised March, 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
Trenches
Targets
Proposed Soil Lines
2013 Soil Grids
N
FIFTY MILE PROJECT
Figure 11
KAM Claims
CAL Claims
KAM Group 4
KAM Group 3
Boucher
Figure 12
Figure 13
Figure 14
Figure 15
Figure 16
NW Nine
SE Nine
Cal
Top
Hungry
Sixtymile graben
Sixtymile – Pika Fault
Five Mile Creek
Mile Creek
Sixty Mile River
Twelve Mile Road
THE WORLD
HWY
California
approximate claim boundary
"N. Fiftymile Batholith"
uKCv
DMNq
DMogt
DPs
PKS
LKTcg
LKgP
fault
fault?
Ridge
Mt. Nolan
46.9 Au silt
179.6 Au
155.9 Au, 468.4 As
Rock – 30.8 Ag
76 Au, 8.5 Ag, 4.2 Sb, 440.8 Pb, 15.1 Bi
Rock – 0.18% Cu, 0.15% Zn
Rock – 40.3 Au, 0.096% Zn
17.8 Au, 222.6 As 124.8 Pb
float – 1.75% Cu, 228 Au
87.5 Au, 222As
44.7 Au, 1399.5 Cu
DMNq or DPs
DPs or DMNq
FIGURE 10
COMPILATION & INDEX MAP
5 km
after Jones, 2012
revised March 13, 2014 by J. Pautler
Refer to Figure 4 for Geology Legend
Results are soils, unless specified

9.1.2 Results (Figures 9 to 16)

Follow up grid soil surveys were completed on the Cal, Nine, Sixty and Boucher targets in 2013 returning maximum values of 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. Six significant target areas warranting follow up were delineated. The targets and anomalies are shown on Figures 4 and 10 with 2012-2013 anomalous gold in soils on Figure 11. Detailed grid anomalies are shown in Figures 12-15, with additional select element plots in Appendix VI, and are discussed below.

The Cal grid targeted a gold-arsenic soil anomaly obtained from reconnaissance sampling in 2011-12 (maximum 155.9 ppb Au, 468.4 ppm As). The survey delineated a strong northeast trending 200m by almost 1.7 km (small 100m gap near the north end) >20 ppb gold-arsenic-antimony, ±silver-lead soil anomaly *(Figure 12)*, 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. The anomaly is open to the southwest, and possibly open to the northeast where it may be dextrally offset about 400m by a northwest trending fault. A copper soil anomaly follows a more easterly trend within the central gold soil anomaly *(Figure 12)*. An exceptional multi-element high on the southeast side of the gold anomaly, near the California road, returned 104.8 ppb Au, 3.9 ppm Ag, 1196.9 ppm As, 5.9 ppm Sb, 2184.3 ppm Cu, and 17.3 ppm Bi (sample 1369108).

The 2013 Sixty soil grid targeted a significant 1.5 km long (15 station) soil anomaly (with maximum values of 87.5 ppb Au and 222 ppm As), delineated in 2011 along one reconnaissance line approximately 1 km south of the Sixty Mile River. The follow up 2013 survey outlined a 200m by 400m coincident >20 ppb Au and >50 ppm As soil anomaly with maximum values of 48.7 ppb Au and 157.5 ppm As with an overall northwest trend *(Figure 13)*. The overburden depth is high and, despite the late fall timing, permafrost was a problem on this north facing slope, which may have resulted in more subdued values. Rusty rock chips and orange or rusty soils were noted upslope to the west of the soil anomaly and within the anomaly *(Figure 13)*.

The main 2013 Boucher soil grid targeted a 1.8 km long copper-gold anomaly along Boucher Ridge, just north of Boucher Creek, with maximum values of 1399.5 ppm Cu and 44.7 ppb Au along one reconnaissance line in 2011. Three north-northwest trending copper-gold ±silver anomalies were identified with maximum values of 2171.2 ppm Cu and 43.2 ppb Au *(Figure 14)*. The westernmost anomaly is 150-300m wide and extends across the 500m long grid. A few anomalous lead-antimony ±gold values (with a coincident 394.7 ppm Pb, 52.9 Sb and 880.8 ppm Cu) occur along the ridge, peripheral to the main copper-gold ±silver anomalies. Other anomalous elements include iron, barium, zinc and molybdenum.

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 7 and 10)*.

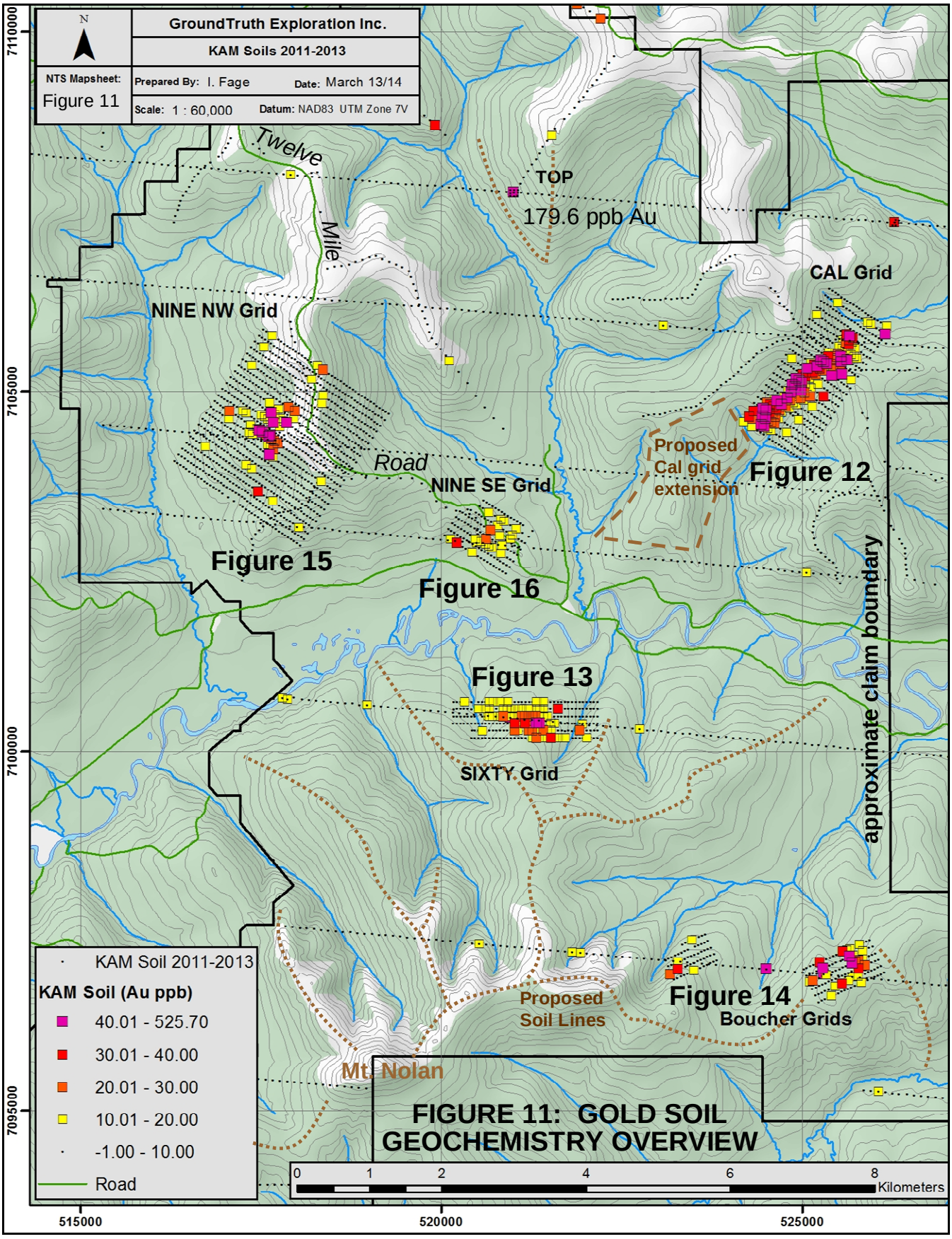


FIGURE 11: GOLD SOIL GEOCHEMISTRY OVERVIEW

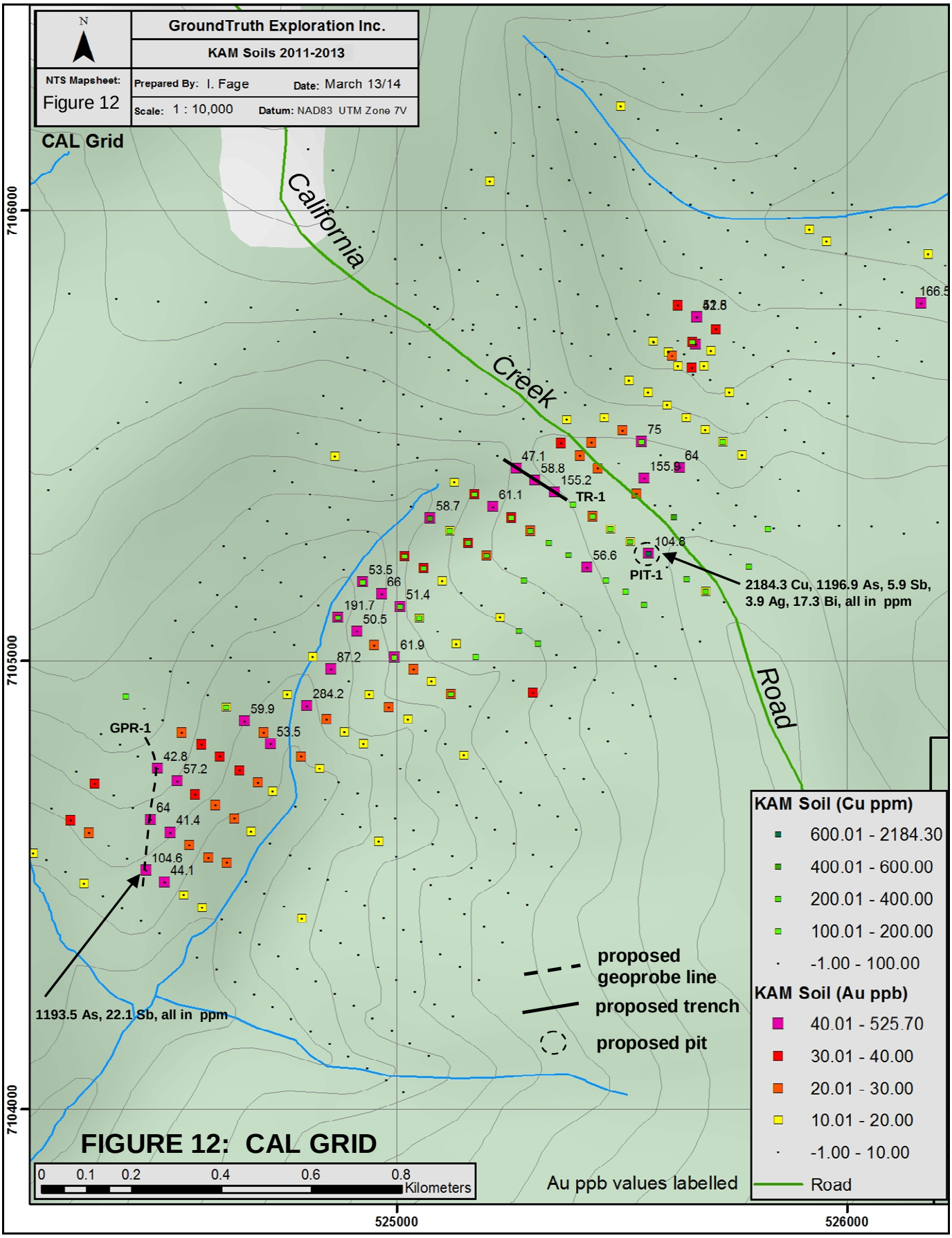


FIGURE 12: CAL GRID

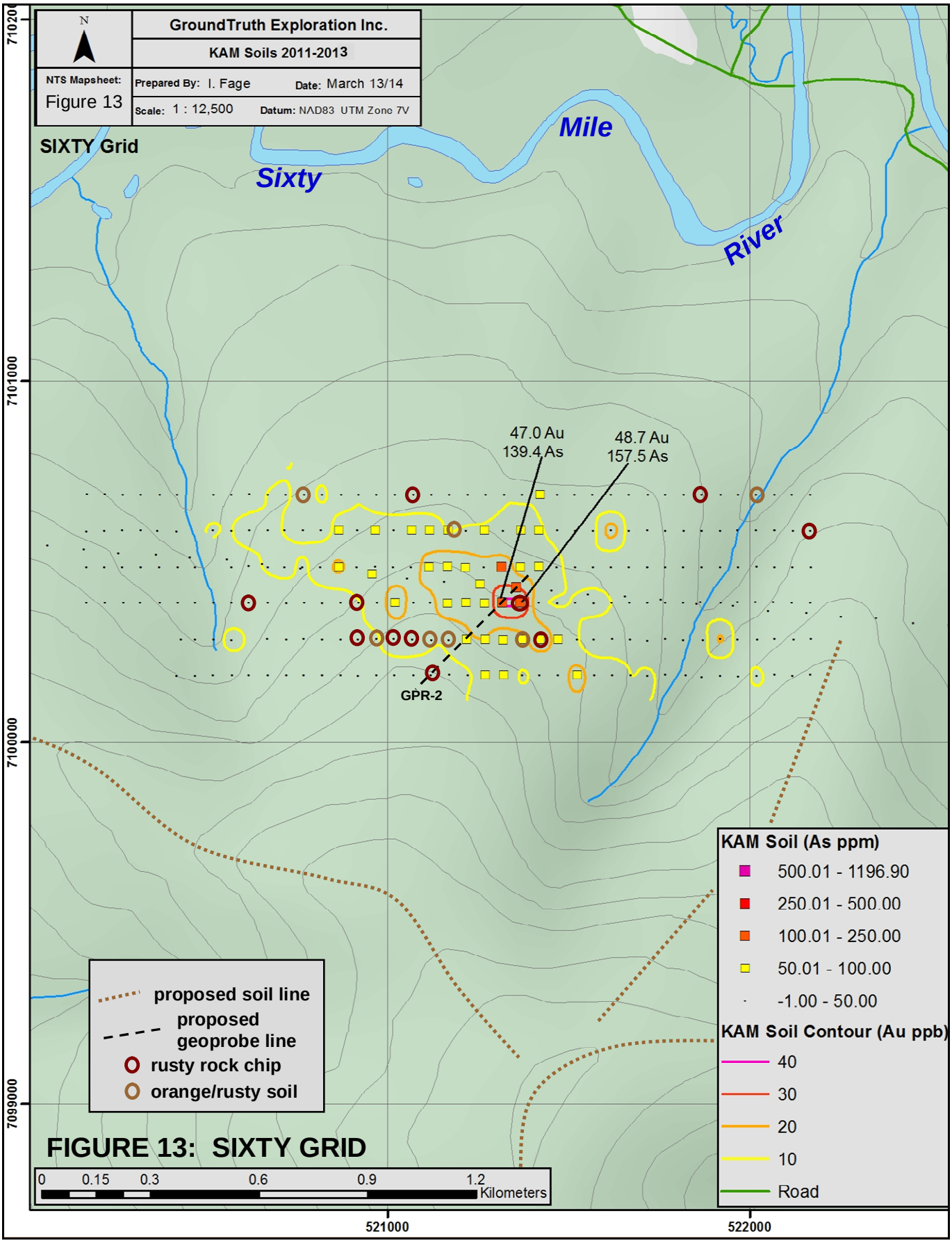


FIGURE 13: SIXTY GRID

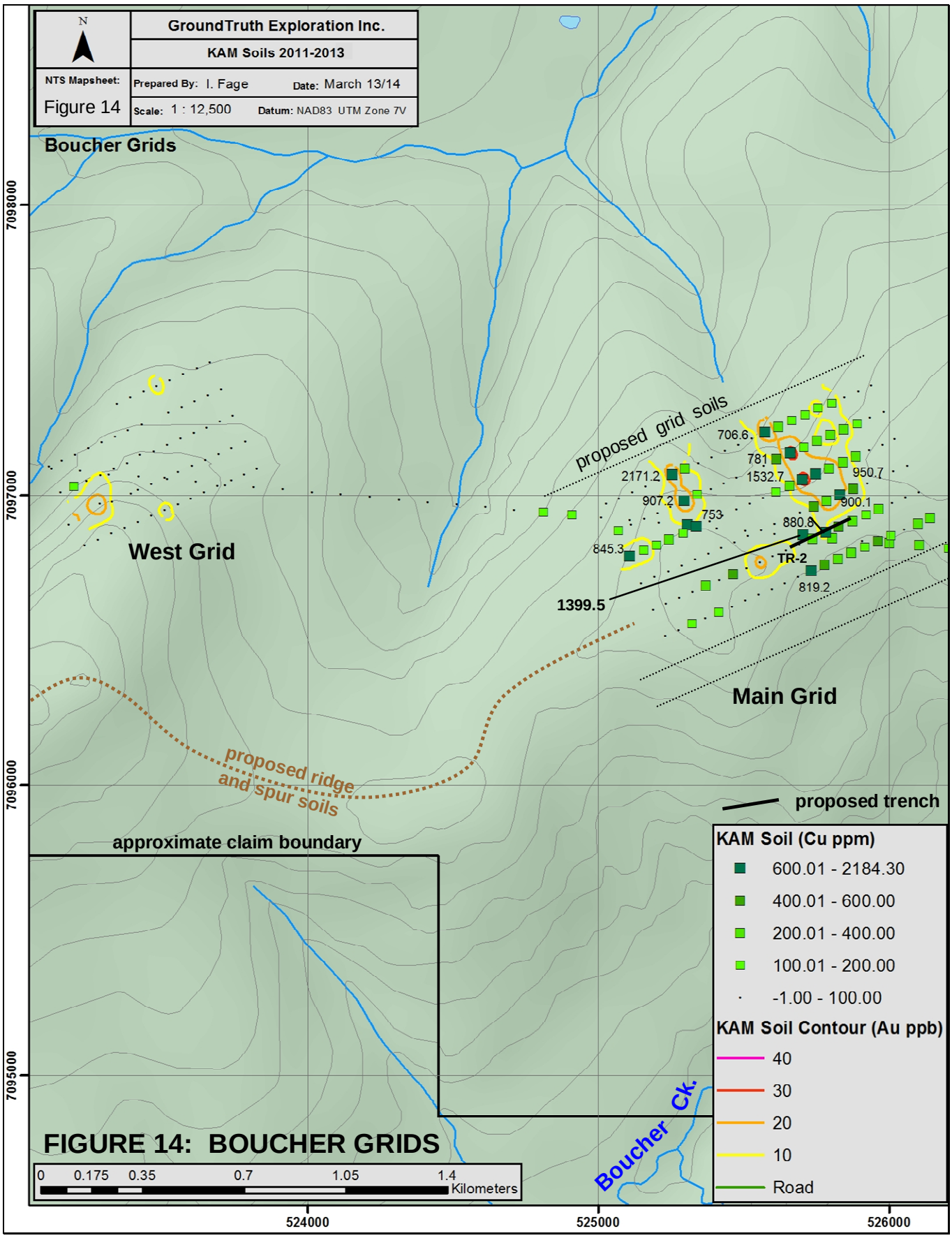


FIGURE 14: BOUCHER GRIDS

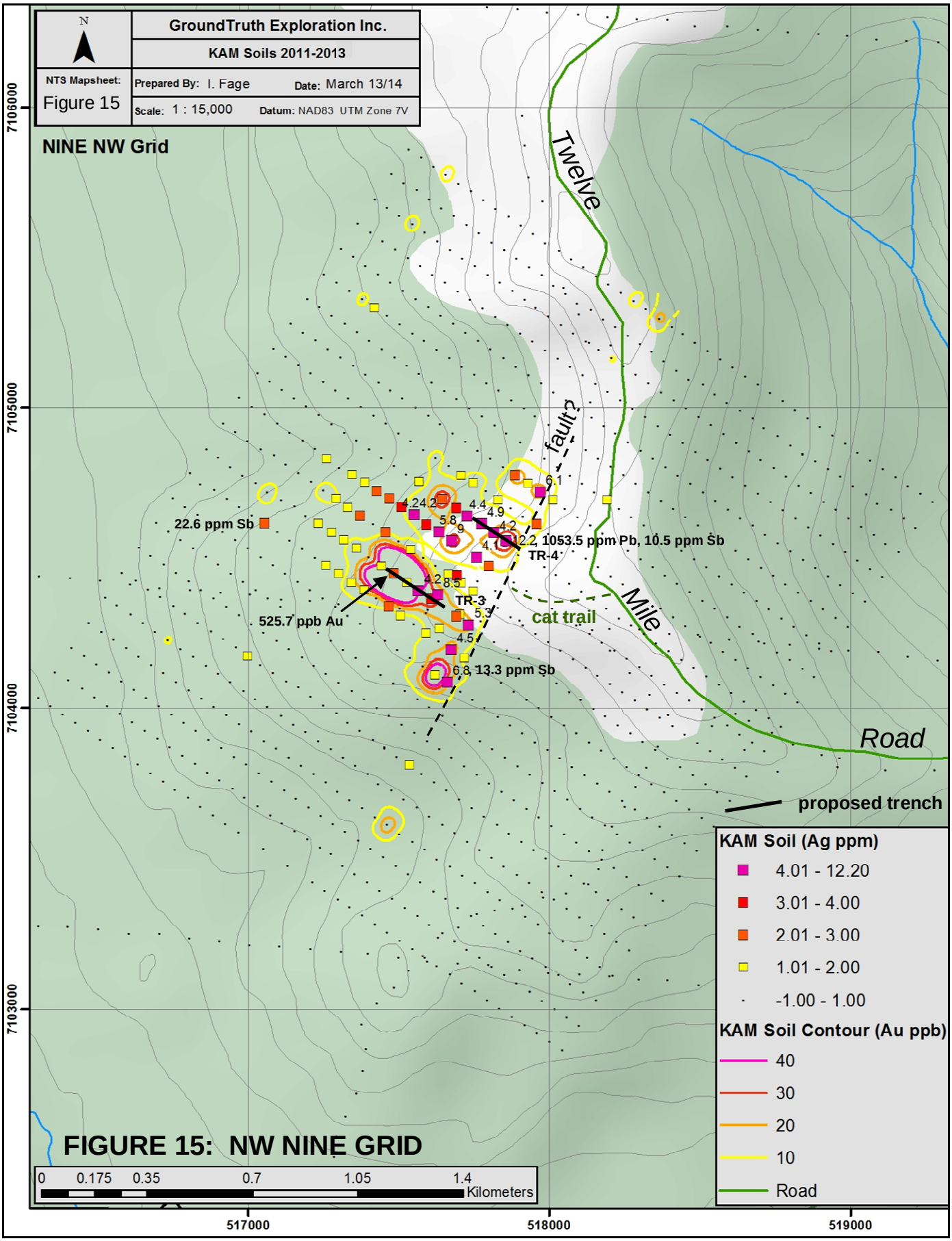


FIGURE 15: NW NINE GRID

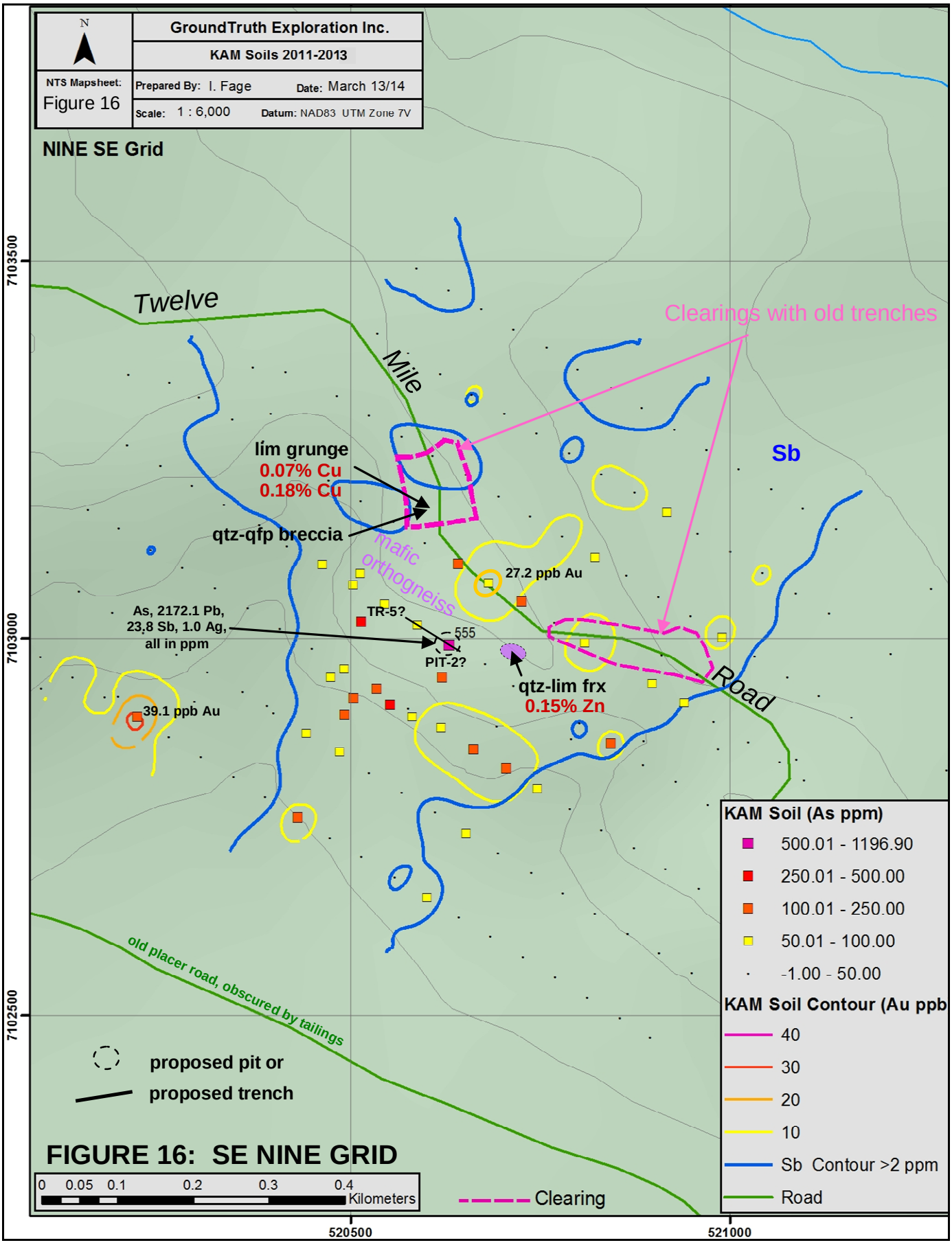


FIGURE 16: SE NINE GRID

Several lower order gold and arsenic-lead soil anomalies occur about 3 km to the west of the Boucher anomaly along the 2011 reconnaissance line and the Boucher Ridge-Mt. Nolan area is drained by RGS stream sediment anomalies of 6, 6, 8 and 14 ppb Au, and copper stream sediment anomalies (291 and 162 ppm Cu) are documented *(Figure 4)*. A small grid was undertaken 2 km west of the main Boucher grid in 2013 but no significant results were obtained *(Figure 14)*.

The northwestern Nine grid targeted a 76 ppb Au soil anomaly with 8.5 ppm Ag, 15.1 ppm Bi, 4.2 Sb and 440.8 ppm Pb from the 2012 program on the ridge east of Five Mile Creek, possibly associated with the continuation of northeast trending structures mapped in the Sixty Mile valley on the adjacent Sixty Mile Project of Rackla Metals Inc. Examination in 2013 revealed the presence of a cat trail in the area and an old trench with quartz veins and stringers and limonite fracture fillings cutting graphitic quartzite *(Figure 8)*. No significant values were obtained. The soil survey defined a significant irregular 50-200m by 600m long gold-silver-antimony-bismuth-lead-zinc anomaly containing the highest silver values (12.2, 9.0, 8.5, 6.8 ppm Ag) and the highest gold in soil value (525.7 ppb Au) on the property *(Figure 15)*. A minor north-northeast trending arsenic anomaly follows the sharp eastern truncation of the multi-element anomaly. A spot 1031.3 ppm Cu anomaly occurs in the southern grid area.

The southeast Nine grid targeted an area of two old clearings containing various pits and trenches along the Twelve Mile road in an area underlain by orthogneiss that returned elevated values of 17.8 ppb Au, 222.6 ppm As and 124.8 ppm Pb along one reconnaissance soil line in 2011. Small (<1m wide) oxidized polymetallic veins are evident with maximum values in rock from 2013 sampling of 1837.9 ppm Cu, 152.6 ppm Mo, 1543 ppm Zn, 97.4 ppm As, 16.8 ppm Sb and 5.8 ppm Ag *(Figure 8 and Appendix III)*. A northeast trending >50 ppb arsenic, >3 ppm antimony, ± lead, silver and elevated gold soil anomaly extends across the 700m grid over a 350m width (from the south end of the north clearing to the end of the southern clearing) *(Figure 16)*. A spot soil high with 555 ppm As, 23.8 ppm Sb, 2172.1 ppm Pb and 1 ppm Ag occurs within the anomaly between the two clearings, just south of the road.

A 46.9 ppb Au in silt anomaly was obtained from Hungry Gulch in 2012 draining the northwestern property area from an area underlain by Klondike schist. The author observed unaltered chloritic meta-andesite of the Klondike schist along the access road in June, 2013, but the creek was still snow covered at the time. Reconnaissance soil lines through the area in 2011-12 did not detect anomalies.

10.0 DRILLING

No drilling has been conducted on the Fifty Mile Project.

11.0 SAMPLE PREPARATION, ANALYSIS AND SECURITY

In the 2013 program GroundTruth Exploration Inc. sent soil samples to the sample preparation facility of Acme Analytical Laboratories Ltd. (Acme) in Whitehorse, Yukon Territory. Samples collected by the author were personally delivered to Acme in Whitehorse. All samples were prepared at Acme's Whitehorse facility, then internally sent to their Vancouver, British Columbia facility for analysis. Soil preparation was performed by drying at 60°C and sieving to -80 mesh (Acme's SS80 procedure). Rock sample preparation (R200/250) involved crushing a 1 kg split to 80% passing 10 mesh. A second 250g split was pulverized to 85% passing 200 mesh. Samples were internally sent to Vancouver for analysis. Sample preparation procedures are outlined in Appendix II.

In Vancouver all samples were analyzed for Al, Sb, As, Ba, Bi, B, Cd, Ca, Cr, Co, Cu, Ga, Au, Fe, La, Pb, Mg, Mn, Hg, Mo, Na, Ni, P, K, Ag, Sc, Sr, S, Se, Te, Tl, Th, Ti, W, U, V and Zn using Acme's 1DX-MS analysis, a 37 element ICP package which involves a nitric-aqua regia digestion and mass spectrometry finish on a 15g sample for soils and silts (Acme's 1DX2 procedure) and a 0.5g sample for rocks (GEO2 package). However, uranium (U) was not analyzed in the soils and rocks collected by the author in 2013. The gold in rock samples were analyzed by Acme's Group 3B-MS, 30g analysis, which involves a fire assay pre-concentration with an ICP-mass spectrometry (ICP-MS) finish (GEO2 package). Analytical procedures are outlined in Appendix II.

In the 2013 soil program 17 standards and 14 blanks were inserted, and 35 field duplicates were collected, for a total of 66 quality control samples (3.3%). 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. The soil, rock and silt samples were 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 V)*. 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 19,400 hectare Sixty Mile Project of Rackla Metals Inc., which includes the Stella, Gabr, Bo, Chol, BK, Glac, Cache, Paul, Toni, Shy and KS claims. 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 10-16)

The Fifty Mile Creek 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, and similarities and proximity to the Sixty Mile Project of Rackla Metals Inc., associated with the Sixtymile-Pika fault system. Epithermal and orogenic style mineralization was intersected in drilling on the Sixty Mile Project 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. The author is not able to verify the above information, and the information is not necessarily indicative of the mineralization on the Fifty Mile Project, which is the subject of this report. 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.

Six significant target areas warranting follow up were delineated on the Fifty Mile Project by the 2011 to 2013 geochemical surveys funded by 0908937 B.C. Ltd. on the Fifty Mile Project as summarized below *(Figure 10)*.

TABLE 3: Target summary

Anomaly Name	Soil Results		Rock Unit	Comments
	Au (ppb)	Other (ppm)		Au in ppb, As in ppm
Cal	284.2	1196.9 As	DMogt	NE 200m by almost 1.7 km Au-As-Sb, ±Ag-Pb soil anomaly along 60 Mile Fault strand
Sixty	87.5	222 As	DMogt	NW trending 200 by 400m >20 Au, >50 As soil anomaly in area of thick overburden
Boucher	44.7	2171.2 Cu	DMogt	3 NNW trending Cu-Au±Ag anomalies , ±Pb, Sb, Fe, Ba, Zn, Mo
NW Nine	525.7	12.2 Ag	DMNq	50-200m by 600m Au-Ag-Sb-Bi-Pb-Zn anomaly on trend of mineralized faults
SE Nine	39.1	555 As	DMNq	NE 350-200m by 700m As-Sb ± Pb-Ag-(Au) anomaly on trend of Cal & 60 Mile Project
Top	179.6		DMNq	164° normal fault in area

The Cal target, which transects the California Creek road, covers a strong northeast trending 200m by almost 1.7 km >20 ppb gold-arsenic-antimony, ±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, along the strike extension of a strand of the Sixty Mile-Pika fault system *(Figure 12)*. The Sixty Mile-Pika fault system is associated with significant gold mineralization on the adjacent Sixty Mile Project of Rackla Metals Inc. as discussed above.

The Cal soil anomaly is open to the southwest, and possibly open to the northeast where it may be dextrally offset about 400m by a northwest trending fault. The northeastern anomaly area was found to be underlain by mafic orthogneiss, with altered grab samples, collected by the author in 2012, returning anomalous silver of 30.8 and 24.2 g/t Ag, with anomalous lead, ±arsenic and molybdenum. A copper soil anomaly follows a more easterly trend within the central gold soil anomaly. An exceptional multi-element high on the southeast side of the gold anomaly, near the California Creek road, returned 104.8 ppb Au, 3.9 ppm Ag, 1196.9 ppm As, 5.9 ppm Sb, 2184.3 ppm Cu, and 17.3 ppm Bi.

The California road trenches, intermittent trenches located along the access road north of the Cal target and investigated by the author in 2012, primarily expose pyritic quartz veins and silicified schist, commonly brecciated *(Figure 10)*. Large (>1m wide) quartz veins with pyrite cubes were exposed through the area. No significant values were obtained from rock samples except for elevated silver, up to 7.4 ppm Ag, just north of the Cal target. Elevated gold in soils (maximum 25.9 ppb Au) occur proximal to the northernmost trench.

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, approximately 1 km south of the Sixty Mile River *(Figure 13)*. Deep overburden and intense permafrost have probably masked and subdued values through this region.

Three north-northwest trending copper-gold ±silver anomalies were identified at the Boucher target across Boucher Ridge with maximum values of 2171.2 ppm Cu and 43.2 ppb Au *(Figure 14)*. The westernmost anomaly is 150-300m wide and extends across the 500m long grid. A coincident spot anomaly of 394.7 ppm Pb, 52.9 Sb and 880.8

ppm Cu occurs along the ridge, on the edge of the main copper-gold, ±silver anomaly. Other anomalous elements include iron, barium, zinc and molybdenum. The signature is suggestive of polymetallic veins. No significant nickel is present, suggesting that the source is not related to an ultramafic. Several lower order gold and arsenic-lead soil anomalies occur about 3 km to the west.

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 *(Figure 7)*. 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 *(Figure 2)*.

The northwestern 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 values (12.2, 9.0, 8.5, 6.8 ppm Ag) and the highest gold in soil value (525.7 ppb Au) on the property *(Figure 15)*. A minor north-northeast trending arsenic anomaly follows the sharp eastern truncation of the multi-element anomaly. The anomaly lies along trend of a steeply dipping north-northeast trending structure mapped by the author further north along the Twelve Mile road, and thought to be related to the Sixtymile-Pika fault system. The irregular nature of the anomaly may be related to a fault intersection. A spot 1031.3 ppm Cu anomaly occurs in the southern grid area. Overall the signature is suggestive of polymetallic veins, which may be associated with the continuation of northeast trending structures mapped in the Sixty Mile valley on the adjacent Sixty Mile Project of Rackla Metals Inc. *(Figure 10)*.

The southeastern 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 *(Figure 16)*. The anomaly occurs in an area of two old clearings containing various pits and trenches along the Twelve Mile road in an area underlain by orthogneiss. 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 *(Figure 8)*. A spot soil high with 555 ppm As, 23.8 ppm Sb, 2172.1 ppm Pb and 1 ppm Ag occurs within the anomaly between the two clearings, just south of the road. The anomaly may represent the continuation of the Cal soil anomaly; both may be related to the same structure (strand of Sixtymile-Pika fault system) which controls mineralization on the adjacent Sixty Mile Project of Rackla Metals Inc.

Both the Cal and southeastern Nine targets are shown to occur near the contact between the mafic orthogneiss and graphitic quartzite to metasedimentary schist, and may be related to the same structure. The gold signature is subdued on the southeastern Nine but the target remains of interest based on the location of the anomaly with respect to the Cal and Sixty Mile Project, and the arsenic-antimony-lead-silver spot soil high.

The Top target covers a spot 179.6 ppb Au in soil anomaly (highest in 2011 survey, with a gold only signature), proximal to a mapped northerly trending fault (2 km to the northeast) and occurrences of breccia. Samples collected around this sample in 2012 did not produce anomalous results, but grid sampling was not undertaken and follow up

was not conducted in 2013. In addition an untested spot 94.2 ppb Au anomaly from the 2011 soil survey occurs proximal to the southern property boundary, north of the Butler Minfile occurrence.

The Hungry Gulch gold anomalous drainage basin (46.9 ppb Au in silt) draining the former northwestern property area is primarily underlain by unaltered chloritic meta-andesite of the Klondike schist, along trend of north-northeast trending polymetallic veins along Little Gold Creek, Minfile 116C 166, *(Deklerk, 2009)*. The creek profile is fairly flat in the area of the anomalous gold in silt, so the anomaly could be placer related. Reconnaissance soil lines through the area in 2011-12 did not detect anomalies.

Other elevated gold in silt values (>6 to 14.2 ppb) were obtained draining the base of the Carmacks Group, and locally the Carmacks volcanic rocks, in the former north to northwestern property area in 2012 *(Figure 10)*. A multi-element base metal anomaly (zinc, nickel, iron, arsenic, copper, molybdenum) was obtained from a gossanous tributary of upper Twelve Mile Creek *(Figure 10)*. Volcanogenic massive sulphide type showings are known just north of the Fifty Mile Project.

In conclusion, the Fifty Mile Project has potential to host gold mineralization similar to that of the adjoining Sixty Mile Project of Rackla Metals Inc. and similar to the Jurassic orogenic gold mineralization in the White Gold (Golden Saddle, Arc, QV, JP Ross) and Klondike gold (Lonestar, King Solomon Dome) districts.

The Fifty Mile Project is at an early stage of exploration, and as such considered a high risk. The above interpretations and the following recommendations for work are based on the results of geochemical surveys, which are subject to a wide range of interpretation. There are no specific risks that the author foresees that would impact continued exploration and development of the property. Although the author believes that the surveys on the property are scientifically valid, evaluating the geological controls on mineralization is hampered by a lack of rock exposure. At the present time and for the foreseeable future, the project is not generating any cash flow.

18.0 RECOMMENDATIONS AND BUDGET (Figures 10-16)

Based on the favourable geological setting, geology, significant 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., and similar structural and age relationships with gold-bearing veins in the Klondike and White Gold districts further work is recommended on the Fifty Mile Project.

Initially a Phase 1 program with an estimated budget of $200,000 is recommended consisting of soil grid extension, ridge and spur soils, prospecting/mapping, geoprobe and trenching to follow up the target areas delineated. The trenching program targets gold ±copper-silver-arsenic-antimony soil anomalies in areas with anomalous lead, due to the relative immobile character of lead. Trenching with a small Candig excavator is recommended unless a larger excavator is available locally from Hawk Mining at the

mouth of Five Mile Creek and/or from the placer operation on California Creek. Geoprobe sampling utilizes a remote controlled tracked vehicle with attached probe which samples the bedrock interface, generally collected at <1-4m depths at 5m intervals along the line, and is effective in areas of thicker overburden and permafrost. The Phase 1 work program is summarized in Table 4, below and approximate grid soil, reconnaissance soil traverses, trench, pit and geoprobe locations for Phase 1 are outlined in Figures 10-16.

TABLE 4: Proposed work summary

Anomaly Name	Soils	Trenches (tr) /Pits		Geoprobe	
		No.	Length (m)	No.	Length (m)
Cal	500	1/1	200/10	1	300
Sixty	80			1	300
Boucher	610	1	200		
NW Nine		2	300		
SE Nine		1 tr or pit	75?/10?		
Top	60				
TOTAL	**1250**	**5-6/1-2**	**700-775/10-20**	**2**	**600**

Prospecting/mapping is recommended along the extent of the Cal soil anomaly to include an evaluation of the highest gold values of 284.2 and 191.7 ppb Au, which may be enhanced due to proximity to the creek, and to ground truth trench, pit and geoprobe locations. An additional 500 grid soils, with a line spacing of 100m and a sample spacing of 50m, are suggested to test the southwest extension of the Cal soil anomaly. Since the possible northeastern extension follows a valley CSAMT geophysics may be necessary to trace the anomaly along strike to the northeast and is budgeted in Phase 2, dependent on success of the Phase 1 program. A northwest trending, 200m long trench is recommended beside the California Creek road across the gold-arsenic-antimony soil anomaly and a pit to target the source of the exceptional high anomaly of 104.8 ppb Au, 3.9 ppm Ag, 1196.9 ppm As, 5.9 ppm Sb, 2184.3 ppm Cu, and 17.3 ppm Bi. A 350m long geoprobe line (due to thicker overburden in this area) is recommended along a spur to test the southwest anomaly area.

A northeast trending, 300m long geoprobe line is recommended to test the Sixty gold-arsenic soil anomaly due to deep overburden and permafrost in this area. Ridge and spur soil traverses are also suggested along the spurs to the east and west of the anomaly at a 50m sample spacing (80 samples).

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. Ridge and spur soil traverses are also recommended along Boucher Ridge and connecting spurs to evaluate the gold and copper stream sediment anomalies, prospective copper-gold mineralization within the ultramafic lenses and polymetallic vein mineralization. The spurs should transect the favourable Nasina quartzite/Nisling schist contact where ultramafic lenses are anticipated. Prospecting/mapping is also recommended along this favourable contact and within the Boucher target area to evaluate the soil anomaly and to ground truth trench locations. Approximately 100 soils should be reserved for possible grid extension of the main grid.

Prospecting/mapping is recommended through the northwestern Nine soil anomaly to include an evaluation of the highest gold in soil value of 525.7 ppb Au and a coincident 1053.5 ppm Pb, 12.2 ppm Ag, 61.1 ppb Au soil anomaly, and to ground truth trench locations. A southwest trending 100m long trench is recommended across the lead-silver-gold anomaly with a 200m long northwest trending trench across the 525.7 ppb Au in soil.

Based on ease of access and location of the southeastern Nine soil anomaly between the Sixty Mile Project and Cal target, possibly along the same structure, prospecting/mapping is recommended to follow up a spot soil high with 555 ppm As, 23.8 ppm Sb, 2172.1 ppm Pb and 1 ppm Ag occurs, just south of the road. A pit or 75m long southeast trending trench is recommended across this location.

Two reconnaissance soil lines (60 samples) at 50m sample spacings (ridge and spur and contour) are recommended on the Top target, which covers a spot 179.6 ppb Au in soil anomaly, proximal to a northerly trending fault and breccia occurrences.

The Phase 2 program, contingent on results from Phase 1, is designed to follow up on the trench/geoprobe and soil anomalies from Phase 1 with 1,500m of diamond drilling, and CSAMT geophysics (to detect areas of silicification in deep overburden covered areas), at an estimated cost of $500,000.

Based on the above recommendations, the following two phase exploration program with corresponding budget is proposed. Phase 2 is entirely contingent on results from Phase 1.

Phase 1

• mapping and prospecting	$ 15,000
• soil grids (1250 soils - labour, assays, transportation)	70,000
• trenching (750m in 5-6 trenches, and 1-2 pits, all in)	60,000
• geoprobe (600m in 2 lines, all in)	20,000
• camp, accommodation, food, communication	5,000
• preparation, compilation, report and drafting	10,000
• miscellaneous (communication, supplies, contingency)	20,000
TOTAL:	**$200,000**

Phase 2 (contingent on results from Phase 1)

• drilling (1,500m)	$300,000
• geophysics (CSAMT)	35,000
• mapping and prospecting	15,000
• assays	25,000
• camp, accommodation, food, communication	10,000
• helicopter/transportation	50,000
• preparation, compilation, report and drafting	15,000
• miscellaneous (communication, supplies, contingency)	50,000
TOTAL:	**$500,000**

19.0 REFERENCES

Allan, M.M., Hart, C.J.R., and Mortensen, J.K. (eds.), 2012, Yukon Gold Project Final Technical Report, Mineral Deposit Research Unit, University of British Columbia, 196 p.

Allan, M.M. and Mortensen, J.K., 2012. Structure and mineralization of the Sixtymile-Pika fault system. In Allan, M.M., Hart C.J., and Mortensen, J.K. (eds) Yukon Gold Project Final Technical Report. Mineral Deposit Research Unit, University of British Columbia, pp. 115 - 130.

Allan, M.M., Mortensen, J.K., Hart, C.J., and Bailey, L., 2012. Timing, nature, and distribution of Jurassic orogenic gold systems in the west-central Yukon. In Allan, M.M., Hart C.J., and Mortensen, J.K. (eds) Yukon Gold Project: Final Technical Report. Mineral Deposit Research Unit, University of British Columbia, pp. 55 - 78.

Bailey, L.A., Allan, M.M., Hart, C.J.R., and Mortensen, J.K., 2012. Geology and mineralization of the Golden Saddle gold deposit, Yukon Territory. In Allan, M.M., Hart C.J., and Mortensen, J.K. (eds) Yukon Gold Project: Final Technical Report. Mineral Deposit Research Unit, University of British Columbia, pp. 79 - 100.

Cholach, M.S., 1969. Report on the 1969 exploration program in the Sixty Mile River area, Yukon Territory. Report for Connaught Mines Ltd. Yukon Assessment Report #061130.

Cockfield, W.E. 1921: Sixtymile and Ladue Rivers Area Yukon. Geological Survey of Canada Memoir, 123 p.

Colpron, M. (compiler), 2006. Tectonic assemblage map of Yukon-Tanana and related terranes in Yukon and northern British Columbia (1:1,000,000 scale), Yukon Geological Survey, Open File 2006-1.

Deklerk, R., 2009. The MINFILE Manual. Yukon Geological Survey, CD-ROM.

Friske, P.W.B., Day, S.J.A., McCurdy, M.W., 2001. Regional stream sediment and water geochemical reconnaissance data, western Yukon (115O and 115N - East Half). Geological Survey of Canada, Open File 1364.

Geological Survey of Canada, 1965-68. Airborne magnetic survey, Stewart River, Yukon Territory (115O, 115N E½). Geological Survey of Canada Map 7854, scale 1:253,440.

Glasmacher, U., Friedrich, G., 1992. Volcanic-hosted epithermal gold-sulphide mineralization and associated enrichment processes, Sixtymile River area, Yukon Territory, Canada. Yukon Geology, 3: 271-291.

Gordey, S.P. and Ryan, J.J. 2005: Geology, Stewart River area, Yukon Territory; Geological Survey of Canada, Open File 4970, scale 1:250,000.

Gordey, S.P. and A.J. Makepeace. 2003: Yukon Digital Geology (version 2). Ottawa, Ontario: Geological Survey of Canada, Open File 1749.

Gordey, S.P., Williams, S.P., Cocking, R. and Ryan, J.J. (comp.), 2006. Digital geology, Stewart River area, Yukon (v. 1, DVD-ROM), Geological Survey of Canada. Open File 5122 (DVD-ROM).

Government of the Yukon, 1999. Yukon Official Road Map. Tourism Yukon, Whitehorse, Yukon Territory.

Green, L.H. 1972. Geology of Nash Creek, Larsen Creek and Dawson Map areas, Yukon Territory. Geological Survey of Canada Memoir 364.

Green, L.H. and Roddick, J.A., 1972. Geology of Nash Creek, Larsen Creek and Dawson Map areas, Yukon Territory. Geological Survey of Canada Map 1284A.

Hakonson, G. 1992: Hard rock exploration report Sixty Mile Placers Ltd., Sixty Mile River property, Yukon Territory, Canada. Yukon Assessment Report #093033.

Harris, S., 1998. Geological and geochemical report on the Mos and Mag claims. Report by Equity Engineering Inc. for 17363 Yukon Inc. Yukon Assessment Report #094025.

Hilker, R.G., 1985. Placer gold evaluation report Sixtymile gold district Yukon Territory on Matson Creek Yukon placer claims. Report for Lode Resources Corporation.

Hulstein, R.W. 2009. 2008 geological and geochemical report on the Toni 9-32 claims. Yukon Energy, Mines and Resources Library, YEIP 2008-012.

Jaworski, B.J., and Meyer, B., 2000. Geological and geochemical report on the Enchantment Creek intrusion related gold target, west central Yukon Territory. Report for Prospector International Resources Inc. Assessment Report #094072.

Jones, Clayton, 2012. Geological and geochemical work on the KAM property, Sixty Mile Creek area. Report for 0908937 B.C. Ltd. by Druid Exploration Inc.

Kinross Gold Corp., 2014. Website at http://kinross.com/operations/dp-white-gold,-yukon.aspx.

Klondike Silver Corp., 2010. Website at www.klondikesilver.com. News releases available at www.infomine.com/index/properties/CONNAUGHT.html.

LeBarge, W.P. and Nordling, M.G. (compilers) 2011: Yukon Placer Mining Industry 2007-2009. Yukon Geological Survey, 151 p.

LeBarge, W.P. and Welsh, C.S. (compilers) 2007: Yukon Placer Mining Industry 2003-2006. Yukon Geological Survey, 235 p.

MacDonald, Roger, 2012. Geochemical report on the Fifty Mile Creek property. Report for 0908937 B.C. Ltd. Yukon Assessment Report.

Mining Inspection Division, 2003. Yukon Placer Industry 1998 – 2002. Mineral Resources Directorate, Yukon Region, Indian and Northern Affairs Canada, 214 p.

Mortensen, J.K., 1996. Geological compilation maps of the northern Stewart River map area Klondike and Sixtymile districts (115N/15,16; 115O/13,14 and parts of 115O/15,16). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open file 1996-1 (G).

Mortensen, J.K., Chapman, R., LeBarge, W., Crawford, E., 2006. Compositional studies of placer and lode gold from western Yukon: implications for lode sources. Yukon Exploration and Geology, 2005: 247-255.

Pautler, J.M., 2014. Geochemical and geological assessment report on the Fifty Mile Project, Sixtymile area, Yukon Territory. Report for 0908937 B.C. Ltd. Yukon Assessment Report.

2013b. Geochemical and geological assessment report on the Fifty Mile Project, Sixtymile area, Yukon Territory. Yukon Assessment Report.

2013a. Technical report on the Fifty Mile Project, Sixtymile area, Yukon Territory. Report for 0908937 B.C. Ltd.

2010. Technical report on the Fifty Mile Project. Report for Ryan Gold Inc. and Valdez Gold Inc. Available at www.sedar.com.

Placer Mining Section, 1998: Yukon Placer Industry 1995 to 1997. Mineral Resources Directorate, Yukon, Indian Affairs and Northern Development Canada.

1996: Yukon Placer Industry 1993 to 1994. Mineral Resources Directorate, Yukon, Indian Affairs and Northern Development Canada.

1991. Yukon Placer Industry 1989 to 1990. Mineral Resources Directorate, Yukon, Indian and Northern Affairs Canada.

Rackla Metals Inc., 2013. Website at http://www.racklametals.com/s/home.asp.

Ryan, J.J. and Gordey, S.P., 2004. Geology, Stewart River area, Yukon Territory; Geological Survey of Canada, Open File 4641.

Thompson, R.F. and Van Kalsbeek, L.P. (compilers) 1993: Yukon Placer Mining Industry 1991- 1992 Annual Report, Indian and Northern Affairs Canada, Yukon Region;

Sheldrake, R.F., 2012. Report on Kam claims, 60 Mile Creek area, Yukon. Memo for 0908937 B.C. Ltd.

Weiershäuser, L., Nowak, M., Barnett, W., 2010. White Gold Property, Dawson Range, Yukon, Canada. Prepared for Underworld Resources Ltd. by SRK Consulting (Canada) Inc. and reviewed by Gilles Arseneau. Available at www.sedar.com.

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 and geochemical assessment report for the 2013 program on the Fifty Mile Project, Sixtymile area, Yukon Territory”, dated April 13, 2014.

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) This report is based on work and property examinations by the author on September 17-19 and June 15, 2013, and September 19, 2012 on the Fifty Mile Project, and a review of 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) At the effective date of the technical report, to the best of my knowledge, information, and belief, the technical report contains all scientific and technical information that is required to be disclosed to make the report not misleading.

7) 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 13th day of April, 2014,

“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

Appendix I
Statement of Expenditures

Wages:					
	J. Pautler	June 15, Sept. 17-19	4 days @ 850.00/day		**$3,400.00**
Mobilization/demobilization:		**within Yukon**			**971.12**
Contract Soil grids:	**GroundTruth Exploration Inc., Dawson City, YT**				
	between July 2 and Oct. 11				
	labour, camp, food, vehicles				**50,509.96**
	Dates: July 2-4, 13, 15-17, 19, Sept 19-27, Oct. 8-11				
Geochemistry:	22 rocks	@ 35/ea.	Au, ICP	770.00	
	2073 soils	@ 22/ea.	Au, ICP	45,606.00	
	1 assay	@10/ea.	Cu	10.00	
		Shipping		500.00	
		Total:			**46,886.00**
Helicopter:	**Trans North Helicopters, Dawson City, YT**				
	Boucher and Sixty soils Oct. 8-11: 1.4, 1.6, 1.4, 1.3 hrs				
	Total: 5.7 hrs @ $2,000/hr				**11,400.00**
Equipment Rental:	Radios, sat phone 4 days				**120.00**
Meals:	4 person days @ 35.00/pd				**150.00**
Accommodation:	4 person days @ 30.00/pd				**120.00**
Field Supplies:	(flagging tape, batteries, sample bags, markers)				**80.00**
Preparation, Report & Drafting, Maps & Copies:					**5,600.00**
TOTAL:					**$119,237.08**
Filed for Assessment on Oct. 28, 2013:	East Group	36,997.00			
	West Group	72,519.15			
	Total:				**109,516.15**

Appendix II
Geochemical Procedure

Acme Analytical Laboratories Ltd.
GEOCHEMICAL PROCEDURES

SAMPLE PREPARATION

SOIL, SEDIMENT AND VEGETATION SAMPLES
SS80 Dry at 60°C, sieve (up to) 100 g to -80 mesh

ROCK AND DRILL CORE
R150 Crush **1 kg** to 70% passing 10 mesh, split 250 g and pulverize to 95% passing 150 mesh

GROUP 1DX: ICP & ICP-MS ANALYSIS – AQUA REGIA

Sample splits of 0.5g (15g for soils) are leached in hot (95°C) Aqua Regia. A larger split size (30g) can be used for more representative Au analysis. Refractory and graphitic samples can limit Au solubility. Solubility of some elements* will be limited by mineral species present. A total of 36 elements are assayed in the ICP-MS analysis.

*** Al, B, Ba, Ca, Cr, Fe, Ga, Hg‡ K, La, Mg, Mn, Na, Sr, Th, Ti, Tl‡ U, V, W,**

GROUP 3B-MS AU & PGMS BY FIRE GEOCHEM

A lead-collection fire-assay 30g fusion for total sample decomposition, digestion of the Ag dore bead and ICP-MS (Group 3B-MS) analysis. Group 6 precious metals assay recommended for Au or PGMs over 1000 ppb.

Group 3B-MS Detection Limits
Au 1 ppb, **Pt** 0.1 ppb, **Pd** 0.5 ppb, **(Rh)** (0.1 ppb)

Au* detection limit may vary due to natural contamination in commercial flux and sample size.
(Rh) available at client's request, results are qualitative to semi-quantitative depending on nature of samples.
Note: Sulphide-rich samples require a 15g or smaller sample for proper fusion.

GROUP 6 PRECIOUS METALS ASSAY BY FIRE ASSAY

Highly precise determinations for Au, Ag, Pt and Pd by classical lead-collection fire assay on a 1 assay ton sample (29.2 g). Massive sulphide or Cr-rich matrix will require a reduced sample weight. Analysis is by ICP-ES after digestion of the dore bead.

GROUP 7 MULTI-ELEMENT ASSAY BY ICP AND ICP-MS

The following multi-element assays provide optimum precision and accuracy for high-grade rock and drill core samples with a selection of digestion methods to best suit the ore type. Groups 7AR, 7TD and 7PF report %-level concentrations as determined by ICP emission spectrometry. Two new packages (Groups 7AX and 7TX) combine both ICP emission spectrometry and ICP mass spectrometry analysis to extend the lower detection limits and provide a broader spectrum of elements.

Group 7AR – Hot aqua regia digest on a 1 g split for base-metal sulphide and precious- metal ores. ICP-ES analysis.

METALLIC GOLD ASSAY

Samples are catalogued and dried. Rock samples are two stage crushed to minus 10 mesh, then split to achieve a 500 gram (approximate) sub sample. The sample is pulverized to 95% -150 mesh. The sample is weighed, then rolled and homogenized and screened at 150 mesh.

The –150 mesh fraction is homogenized and 2 samples are fire assayed for Au. The +150 mesh material is assayed entirely. Analysis is by ICP-ES after digestion of the dore bead.

The entire set of samples is redone if the quality control standard is outside 2 standard deviations or if the blank is greater than .015 g/t. The values are calculated back to the original sample weight providing a net gold value as well as two -150 values and a single +150 mesh value.

Appendix III
Rock Sample Descriptions

FIFTY MILE PROJECT, YT
2013 SAMPLE DESCRIPTIONS AND RESULTS - JP

Anomalous results in red

SAMPLE NUMBER	LOCATION	NAD 83, ZONE 7 EASTING	NORTHING	ELEV. (ft)	TYPE	DESCRIPTION	Au ppb	Ag ppm	As ppm	Sb ppm	Bi ppm	Mo ppm	Cu ppm	Zn ppm	Pb ppm
2032042	12 Mi Rd	518412	7106844	3837	rock grab	rusty, brecciated quartzite and white quartz with trace pyrite and limonite boxworks in area of quartzite and quartzite breccia and white quartz talus	<2	0.1	0.5	0.2	<0.1	1.8	73	5	1.9
2032043	12 Mi Rd	518080	7108072	3390	rock grab	local float of brecciated quartzite and quartz with limonite and Mn, some clay, near Sixty Mile Fault	<2	<0.1	1	<0.1	<0.1	0.7	14.1	9	0.7
2032044	12 Mi Rd	517768	7108199	3253	soil	medium brown, sandy B horizon soil, 15 cm deep, from cleared area just north of road; near Sixty Mile Fault	0.8	<0.1	2.1	0.2	0.1	0.7	19.2	104	13.5
2032045	12 Mi Rd	517763	7108187	3258	rock grab	grey, brecciated quartzite, locally with some strong milling, weak limonite; in Sixty Mile Fault zone, from drainage ditch on south side of road	<2	<0.1	1.5	0.1	<0.1	0.8	20.2	7	1.5
2032046	12 Mi Rd	517784	7108179	3263	rock grab	local float of rusty, brecciated quartz with strong Mn and limonite fractures in drainage ditch on south side of road near 2032047; near Sixty Mile Fault	<2	<0.1	3.1	0.3	<0.1	0.5	16.9	5	1.2
2032047	12 Mi Rd	517786	7108178	3259	rock grab	local float of brecciated quartzite with brecciated quartz with arsenopyrite? and moderate-strong limonite fractures in drainage ditch on south side of road near 2032046; near Sixty Mile Fault;	3	0.3	39.5	3.4	<0.1	3	36.1	20	2.8
2032048	12 Mi Rd	517697	7108156	3250	rock grab	local float of brecciated quartzite with Mn staining and minor limonite fracture fillings in drainage ditch on south side of road; Nasina quartzite in area, near Sixty Mile Fault; 7.6% Fe	4	<0.1	5.3	0.7	0.1	2.9	65.9	71	3.9
2032049	12 Mi Rd	517620	7108223	3236	soil	dark orange, fine clayey-sand B horizon soil, 20 cm deep, from below road in Sixty Mile Fault saddle	1.1	<0.1	0.9	0.1	<0.1	0.8	14.4	60	13.2
2032050	12 Mi Rd	517552	7108269	3279	rock grab	subcrop area of well fractured basalt augite porphyry to breccia with limonite in fractures	<2	<0.1	4.1	<0.1	0.4	1.5	9.4	60	12.1
1298637	Sixty Mi. R.	521804	7101614	2043	rock grab	rusty quartz vein with 3% pyrite, primarily as cubes, in outcrop beside pool near Sixty Mile River, N side; trend 360/steep in muscovite-quartz schist with foliation trending 155/05W	<2	<0.1	3.3	0.3	<0.1	<0.1	4	5	6.1
1298638	Sixty Mi. R.	521658	7101983	2105	rock grab	strongly magnetic, heavy, dark coloured, malachite stained ultramafic with local chocolate weathering and 7-10% chalcopyrite, minor grey needles - stibnite?, 1 piece with blue oxide (not azurite); occurs as angular pieces in placer tailings along 60 Mile River	228	5.8	<0.5	<0.1	0.9	0.2	1.747%	57	1.3

FIFTY MILE PROJECT, YT
2013 SAMPLE DESCRIPTIONS AND RESULTS - JP

Anomalous results in red

SAMPLE NUMBER	LOCATION	NAD 83, ZONE 7 EASTING	NORTHING	ELEV. (ft)	TYPE	DESCRIPTION	Au ppb	Ag ppm	As ppm	Sb ppm	Bi ppm	Mo ppm	Cu ppm	Zn ppm	Pb ppm
1298639	Nine Target	520623	7103213	2528	rock grab	mafic orthogneiss with moderate limonite fracture fillings, +/- cubic pyrite, areas of grey quartz possibly with As, Sb; some quartz-feldspar pegmatite dykes, some crosscutting fine quartz stringers and occasional quartz vein; from old cat trench at N end of clearing	3	0.4	4.4	0.5	0.2	5.4	91.7	52	16.9
1298640	Nine Target	520609	7103180	2538	rock grab	mafic orthogneiss with 1-3 cm crosscutting white quartz pieces with limonite fracture fillings, goethite knots (after pyrite), some clay-limonite fracture fillings, rusty soil in area; in large cleared area	2	<0.1	1.2	0.2	<0.1	2.8	70.5	6	4.6
1298641	Nine Target	520610	7103150	2545	rock grab	strong limonite-goethite grunge, intensely oxidized, heavy with small quartz veinlets up to 1 cm wide, cut by limonitic fractures,; in area of mafic orthogneiss, but some sericite-limonite altered rhyolite quartz feldspar porphyry in area, some with clay-limonite fracture fillings, fractures and foliation trend about 170; from old cat trench at S end of clearing	19	5.8	12.4	2.6	2.5	152.6	1837.9 22% Fe	58	17.3
1298642	Nine Target	520603	7103148	Symbol	rock grab	quartz breccia with sericite-limonite altered rhyolite quartz feldspar porphyry fragments +/- clay alteration; limonite fracture fillings in quartz +/- goetite knots (after pyrite); from old cat trench at S end of clearing	2	0.3	1.7	0.4	0.1	5.8	22	47	9.6
1298643	Nine Target	520599	7103143	2532	rock grab	15 cm quartz vein with rusty limonitic fractures and rusty boxwork (after pyrite), minor oxidized pyrite; from old cat trench at S end of clearing	5	1.0	10.1	1.3	0.2	48.1	192.7	20	19.4
1298644	Nine Target	520956	7102945	2448	rock grab	outcrop of rusty and bleached mafic orthogneiss with clay alteration and silicification associated with 145/steep fracture set; similar to at Cal target	10	0.2	15.2	2	0.7	0.4	60.6	40	15.4
1298645	Nine Target	520739	7102970	2525	rock grab	mafic orthogneiss with quartz-limonite fracture fillings/stringers as subcrop on knoll; similar to at Cal target	<2	0.4	21.4	16.8	0.5	2.1	113.2	1543	23.6
1298646	Nine Target	520908 520927	7102949 7102974	2460	rock grab	composite grab of quartz veins up to 10 cm wide with limonitic fractures, some vugs, +/- clay and Mn over a 30m area (1298646-1298646A)	<2	<0.1	12	0.6	<0.1	0.1	5	11	4.2
1298647	Nine Target	520833	7102981	2490	rock grab	quartz-calcite vein zone with blue-grey silicification and fine pyrite; 040 trend, cutting mafic orthogneiss in large pit, traced for 20m	3	0.1	97.4	4.9	<0.1 30% Ca	0.1	3	10	1.5
1298648	Nine Target	520633	7103150	2536	rock grab	strong limonite-goethite grunge as fracture fillings in mafic orthogneiss	7	0.8	8.5	1.5	2.2	108.6	710.1 15% Fe	36	7.7
S1298649	Nine Target	520018	7103416	2732	soil	bright orange C horizon soil, 10 cm depth, from flat trench area with micaceous quartzite	<0.5	<0.1	4.5	1.6	0.3	1.3	13.2	65	9
1298650	Nine Target	517909	7104394	3590	rock grab	strongly graphitic quartzite with vugs and crosscutting quartz stringers in old cat trench	4	<0.1	1.2	0.2	0.2	8.5	12.7	29	2.6
1330861	Nine Target	517912	7104380	3583	rock grab	rusty weathering micaceous quartzite with strong limonite-goetite-Mn fracture fillings, as subcop/float along old cat trail	2	0	19.7	0.4	0.4	0.2	42	124	61.2
1330862	12 Mi Rd	518278	7106322	3791	rock grab	31 cm rusty quartz vein with limonitic fractures cutting graphitic quartzite; trend 020/88W, following structure; quartzite breccia with quartzite clasts in outcrop; other quartz veins trend 025/45-55W	<2	<0.1	1.5	<0.1	<0.1	0.9	9	<1	0.9

Appendix IV
Soil Sample Descriptions

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1338814	BOU	7	525028	7096971	BH01	Chocolate Brown	Clay	Damp	Pronounced	90	B	Willows	Reindeer Moss	Good	Rocky			
1338815	BOU	7	525071	7096990	BH01	Chocolate Brown	Clay	Dry	Pronounced	40	C	Willows	Reindeer Moss	Good	Rocky	Sandy		
1338816	BOU	7	525118	7097010	BH01	Chocolate Brown	Clay	Dry	Pronounced	50	C	Willows	Reindeer Moss	Good	Rocky	Sandy		
1338817	BOU	7	525163	7097031	BH01	Chocolate Brown	Clay	Dry	Pronounced	50	C	Willows	Reindeer Moss	Good	Rocky	Sandy		
1338818	BOU	7	525210	7097052	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Willows	Reindeer Moss	Good	Rocky	Partially Frozen		
1338819	BOU	7	525255	7097070	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Reindeer Moss	Excellent	Rocky			
1338820	BOU	7	525300	7097092	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1338821	BOU	7	525345	7097112	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1338822	BOU	7	525391	7097132	BH01	Dark Brown	Clay	Damp	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Organic 25%	Partially Frozen		
1338823	BOU	7	525437	7097153	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338824	BOU	7	525483	7097172	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Poor	Organic 10%	Partially Frozen		
1338825	BOU	7	525483	7097172	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Poor	Organic 10%	Partially Frozen		1338824
1338826	BOU	7	525528	7097195	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338827	BOU	7	525574	7097215	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	90	B	Black Spruce	Reindeer Moss	Poor	Mud	Organic 25%		
1338828	BOU	7	525620	7097234	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Alders	Reindeer Moss	Good	Organic 10%	Mud		
1338829	BOU	7	525666	7097255	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1338830	BOU	7	525712	7097276	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	110	B	Black Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Partially Frozen		
1338831	BOU	7	525756	7097299	BH01	Chocolate Brown	Clay	Wet	Subtle Slope	90	B	Dwarf Birch	Reindeer Moss	Poor	Mud	Partially Frozen		
1338832	BOU	7	525804	7097315	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Partially Frozen		60cm of snow	wtf!
1338833	BOU	7	525849	7097337	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338834	BOU	7	525897	7097356	BH01	Chocolate Brown	Clay	Wet	Subtle Slope	120	B	Dwarf Birch	Reindeer Moss	Good	Mud	Partially Frozen		
1338835	BOU	7	525941	7097378	BH01	Chocolate Brown	Clay	Dry	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Good	Rocky	Sandy		
1338836	BOU	7	525983	7097286	BH01	Chocolate Brown	Clay	Dry	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Good	Partially Frozen	Sandy		
1338837	BOU	7	525936	7097266	BH01	Chocolate Brown	Clay	Dry	Subtle Slope	60	C	Dwarf Birch	Reindeer Moss	Good	Rocky	Sandy		
1338838	BOU	7	525892	7097246	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Excellent	Rocky			
1338839	BOU	7	525846	7097226	BH01	Chocolate Brown	Clay	Dry	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Good	Rocky	Sandy		
1338840	BOU	7	525800	7097206	BH01	Chocolate Brown	Clay	Dry	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Good	Rocky	Sandy		
1338841	BOU	7	525754	7097186	BH01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Excellent	Partially Frozen			
1338842	BOU	7	525708	7097165	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338843	BOU	7	525663	7097145	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338844	BOU	7	525615	7097125	BH01	Chocolate Brown	Sand	Damp	Subtle Slope	90	C	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338845	BOU	7	525571	7097102	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338846	BOU	7	525542	7097080	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Good	Partially Frozen		offcourse	frozen
1386718	BOU	7	523824	7097092	PS01	Dark Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Organic 25%		
1386719	BOU	7	523780	7097073	PS01	Dark Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Poor	Partially Frozen	Organic 10%		
1386720	BOU	7	523737	7097053	PS01	Dark Grey Black	Clay	Wet	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Partially Frozen		
1386721	BOU	7	523688	7097032	PS01	Dark Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Poor	Frozen	Organic 10%		
1386722	BOU	7	523643	7097010	PS01	Dark Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Grass Cover	Poor	Frozen	Organic 25%		
1386723	BOU	7	523596	7096990	PS01	Chocolate Brown	Silt	Damp	Pronounced	40	B	Black Spruce	Leaf Cover	Good				
1386724	BOU	7	523552	7096970	PS01	Chocolate Brown	Silt	Damp	Pronounced	50	B	Black Spruce	Reindeer Moss	Good	Rusty Rock Chip			
1386725	BOU	7	523552	7096970	PS01	Chocolate Brown	Silt	Damp	Pronounced	40	B	Black Spruce	Reindeer Moss	Good	Rusty Rock Chip			1386724
1330438	BOU	7	523506	7096950	PS01	Chocolate Brown	Silt	Damp	Pronounced	30	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1330439	BOU	7	523460	7096930	PS01	Chocolate Brown	Silt	Damp	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1330440	BOU	7	523415	7096909	PS01	Chocolate Brown	Silt	Damp	Pronounced	30	B	Black Spruce	Reindeer Moss	Poor	Organic 25%			
1330441	BOU	7	523369	7096889	PS01	Chocolate Brown	Silt	Damp	Pronounced	40	B	Dwarf Birch	Leaf Cover	Good				
1330442	BOU	7	523323	7096868	PS01	Chocolate Brown	Silt	Damp	Pronounced	40	B	Black Spruce	Reindeer Moss	Good				
1330443	BOU	7	523277	7096848	PS01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Thin Moss Cover	Poor	Organic 25%			
1330444	BOU	7	523231	7096827	PS01	Dark Brown	Silt	Damp	Pronounced	20	B	Dwarf Birch	Reindeer Moss	Poor	Organic 50%			
1330445	BOU	7	523177	7096899	PS01	Chocolate Brown	Silt	Damp	Pronounced	60	B	Black Spruce	Reindeer Moss	Good	Partially Frozen	Small Sam	moved	because talus
1330446	BOU	7	523284	7096971	PS01	Chocolate Brown	Silt	Damp	Pronounced	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Quartz Chips		moved	because talus
1330447	BOU	7	523326	7096979	PS01	Chocolate Brown	Silt	Damp	Pronounced	30	B	Dwarf Birch	Rock Cover	Good	Talus	Small Sample		
1330448	BOU	7	523390	7097007	PS01	Chocolate Brown	Silt	Damp	Pronounced	20	B	Subalpine Fir	Reindeer Moss	Poor	Organic 25%			
1330449	BOU	7	523416	7097020	PS01	Dark Brown	Silt	Damp	Pronounced	30	B	Subalpine Fir	Reindeer Moss	Poor	Organic 50%			
1330450	BOU	7	523462	7097040	PS01	Chocolate Brown	Silt	Damp	Pronounced	40	B	Subalpine Fir	Reindeer Moss	Poor	Organic 10%	Partially Frozen		
1339202	BOU	7	523508	7097061	PS01	Chocolate Brown	Silt	Damp	Pronounced	50	B	Subalpine Fir	Reindeer Moss	Poor	Organic 25%	Partially Frozen		

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1339203	BOU	7	523554	7097082	PS01	Dark Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Quartz Chips		
1339204	BOU	7	523600	7097102	PS01	Bluish Grey	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1339205	BOU	7	523647	7097122	PS01	Dark Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 50%	Frozen		
1339206	BOU	7	523692	7097142	PS01	Bluish Grey	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1339207	BOU	7	523737	7097163	PS01	Bluish Grey	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1339208	BOU	7	523785	7097184	PS01	Bluish Grey	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1339209	BOU	7	523741	7097273	PS01	Dark Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	Partially Frozen		
1339210	BOU	7	523697	7097253	PS01	Dark Grey Black	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Frozen		
1356151	BOU	7	525149	7096697	RR02	Light Brown	Sand	Damp	Subtle Slope	80	C	Old Burn	Thin Moss Cover	Excellent	Coarse			
1356152	BOU	7	525195	7096717	RR02	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Thin Moss Cover	Excellent	Fine			
1356153	BOU	7	525242	7096738	RR02	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Coarse		hit bedrock	
1356154	BOU	7	525287	7096757	RR02	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine			
1356155	BOU	7	525333	7096778	RR02	Chocolate Brown	Sand	Damp	Flat	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine			
1356156	BOU	7	525379	7096798	RR02	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Dwarf Birch	Thin Moss Cover	Good	Coarse			
1356157	BOU	7	525424	7096819	RR02	Chocolate Brown	Silt	Damp	Subtle Slope	80	B	Dwarf Birch	Thin Moss Cover	Good	Fine			
1356158	BOU	7	525469	7096839	RR02	Reddish Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine			
1356159	BOU	7	525516	7096860	RR02	Dark Brown	Silt	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen			
1356160	BOU	7	525562	7096879	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Partially Frozen		
1356161	BOU	7	525608	7096901	RR02	Grey	Silt	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen		
1356162	BOU	7	525651	7096920	RR02	Chocolate Brown	Silt	Damp	Subtle Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1356163	BOU	7	525696	7096940	RR02	Chocolate Brown	Silt	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1356164	BOU	7	525743	7096960	RR02	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse			
1356165	BOU	7	525787	7096981	RR02	Chocolate Brown	Silt	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1356166	BOU	7	525833	7097001	RR02	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Sphagnum Moss < 30cm	Excellent	Coarse			
1356167	BOU	7	525879	7097022	RR02	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Sphagnum Moss < 30cm	Good	Fine			
1356168	BOU	7	525926	7097042	RR02	Chocolate Brown	Silt	Damp	Subtle Slope	70	C	Old Burn	Thin Moss Cover	Good	Coarse			
1356169	BOU	7	525971	7097062	RR02	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Old Burn	Thin Moss Cover	Good	Fine			
1356170	BOU	7	526017	7097084	RR02	Reddish Brown	Silt	Damp	Subtle Slope	60	C	Old Burn	Thin Moss Cover	Good	Coarse			
1356171	BOU	7	526064	7097103	RR02	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Thin Moss Cover	Excellent	Coarse			
1356172	BOU	7	526104	7097012	RR02	Reddish Brown	Silt	Damp	Subtle Slope	30	B	Old Burn	Thin Moss Cover	Good	Fine	Rocky		
1356173	BOU	7	526059	7096993	RR02	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Thin Moss Cover	Good	Fine			
1356176	BOU	7	526013	7096973	RR02	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Thin Moss Cover	Excellent	Coarse	Rocky		
1356177	BOU	7	525967	7096952	RR02	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Thin Moss Cover	Excellent	Coarse	Rocky		
1356178	BOU	7	525922	7096932	RR02	Chocolate Brown	Silt	Damp	Flat	40	C	Old Burn	Thin Moss Cover	Good	Coarse			
1356179	BOU	7	525876	7096911	RR02	Chocolate Brown	Sand	Damp	Flat	40	C	Old Burn	Bare Soil	Excellent	Coarse			
1356180	BOU	7	525828	7096890	RR02	Chocolate Brown	Sand	Damp	Flat	40	C	Old Burn	Thin Moss Cover	Excellent	Coarse			
1356181	BOU	7	525784	7096870	RR02	Chocolate Brown	Sand	Damp	Flat	80	C	Old Burn	Thin Moss Cover	Excellent	Coarse			
1356182	BOU	7	525739	7096849	RR02	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse			
1356183	BOU	7	525692	7096829	RR02	Chocolate Brown	Silt	Damp	Subtle Slope	90	C	Old Burn	Thin Moss Cover	Good	Coarse			
1360384	BOU	7	526144	7096921	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Old Burn	Sphagnum Moss < 30cm	Excellent	Coarse			
1360385	BOU	7	526101	7096902	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Grass Cover	Excellent	Coarse			
1360386	BOU	7	526054	7096882	WW01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Old Burn	Sphagnum Moss < 30cm	Good	Coarse			
1360387	BOU	7	526009	7096861	WW01	Reddish Brown	Sand	Damp	Pronounced	70	C	Old Burn	Grass Cover	Excellent	Coarse			
1360388	BOU	7	525964	7096841	WW01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Old Burn	Grass Cover	Excellent	Coarse			
1360389	BOU	7	525918	7096820	WW01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Old Burn	Sphagnum Moss < 30cm	Good	Coarse			
1360390	BOU	7	525872	7096801	WW01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Old Burn	Grass Cover	Excellent	Coarse			
1360391	BOU	7	525826	7096779	WW01	Chocolate Brown	Sand	Wet	Pronounced	60	C	Old Burn	Grass Cover	Good	Fine			
1360392	BOU	7	525780	7096759	WW01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Grass Cover	Excellent	Coarse			
1360393	BOU	7	525735	7096738	WW01	Reddish Brown	Sand	Damp	Subtle Slope	80	C	Old Burn	Grass Cover	Excellent	Coarse			
1360394	BOU	7	525689	7096717	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Grass Cover	Good	Coarse			
1360395	BOU	7	525643	7096697	WW01	Reddish Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Sphagnum Moss < 30cm	Excellent	Coarse			
1360396	BOU	7	525598	7096677	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Old Burn	Grass Cover	Good	Coarse			
1360397	BOU	7	525648	7096809	WW01	Reddish Brown	Sand	Damp	Subtle Slope	70	C	Old Burn	Grass Cover	Excellent	Coarse			
1360398	BOU	7	525602	7096789	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Sphagnum Moss < 30cm	Good	Coarse			
1360399	BOU	7	525557	7096768	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Grass Cover	Good				

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1338774	BOU	7	525511	7096748	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Old Burn	Grass Cover	Excellent	Coarse			
1338775	BOU	7	525511	7096748	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Old Burn	Grass Cover	Excellent	Coarse			1338774
1360400	BOU	7	525465	7096727	WW01	Reddish Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Grass Cover	Excellent	Coarse			
1316702	BOU	7	525552	7096657	WW01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Grass Cover	Good				
1316703	BOU	7	525506	7096636	WW01	Chocolate Brown	Sand	Damp	Pronounced	90	C	Old Burn	Grass Cover	Good				
1316704	BOU	7	525460	7096615	WW01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Old Burn	Grass Cover	Excellent	Coarse	Quartz Chips		
1316705	BOU	7	525414	7096595	WW01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Grass Cover	Good	Fine			
1316706	BOU	7	525368	7096575	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Old Burn	Grass Cover	Excellent	Coarse			
1316707	BOU	7	525324	7096555	WW01	Reddish Orange	Sand	Damp	Pronounced	100	C	Dwarf Birch	Grass Cover	Excellent	Coarse			
1316708	BOU	7	525277	7096534	WW01	Reddish Brown	Sand	Damp	Pronounced	70	C	Old Burn	Grass Cover	Good	Coarse			
1316709	BOU	7	525231	7096514	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Grass Cover	Good				
1316710	BOU	7	525189	7096605	WW01	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Dwarf Birch	Grass Cover	Good				
1316711	BOU	7	525234	7096625	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Old Burn	Grass Cover	Good				
1316712	BOU	7	525280	7096646	WW01	Reddish Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse			
1316713	BOU	7	525326	7096666	WW01	Reddish Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse			
1316714	BOU	7	525372	7096687	WW01	Reddish Orange	Sand	Damp	Subtle Slope	80	C	White Spruce	Grass Cover	Excellent	Coarse			
1316715	BOU	7	525417	7096707	WW01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Grass Cover	Good	Coarse			
1353109	BOU	7	526022	7097193	YV01	Reddish Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1353110	BOU	7	525979	7097174	YV01	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good	Sandy			
1353111	BOU	7	525934	7097155	YV01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Old Burn	Thin Moss Cover	Good	Sandy			
1353112	BOU	7	525888	7097134	YV01	Reddish Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Thin Moss Cover	Excellent	Fine			
1353113	BOU	7	525843	7097114	YV01	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Thin Moss Cover	Excellent	Coarse			
1353114	BOU	7	525795	7097093	YV01	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Thin Moss Cover	Excellent				
1353115	BOU	7	525750	7097073	YV01	Reddish Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Thin Moss Cover	Excellent				
1353116	BOU	7	525703	7097052	YV01	Dark Brown	Silt	Damp	Subtle Slope	60	B	Old Burn	Thin Moss Cover	Good	Sandy			
1353117	BOU	7	525659	7097033	YV01	Reddish Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Thin Moss Cover	Excellent				
1353118	BOU	7	525613	7097012	YV01	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Thin Moss Cover	Excellent				
1353119	BOU	7	525568	7096992	YV01	Dark Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1353120	BOU	7	525522	7096972	YV01	Dark Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1353121	BOU	7	525476	7096951	YV01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1353122	BOU	7	525428	7096930	YV01	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1353123	BOU	7	525384	7096910	YV01	Chocolate Brown	Silt	Damp	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1353124	BOU	7	525339	7096890	YV01	Reddish Yellow	Sand	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1353125	BOU	7	525339	7096890	YV01	Reddish Yellow	Sand	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine			1353124
1339226	BOU	7	525292	7096869	YV01	Dark Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky Terrain			
1339227	BOU	7	525245	7096848	YV01	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1339228	BOU	7	525201	7096828	YV01	Dark Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent				
1339229	BOU	7	525156	7096809	YV01	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1339230	BOU	7	525109	7096788	YV01	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1339231	BOU	7	525069	7096878	YV01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	Rocky Terrain		
1339232	BOU	7	525113	7096900	YV01	Dark Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1339233	BOU	7	525159	7096919	YV01	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1339234	BOU	7	525204	7096939	YV01	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Excellent				
1339235	BOU	7	525248	7096960	YV01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1339236	BOU	7	525296	7096980	YV01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1339237	BOU	7	525341	7097002	YV01	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1339238	BOU	7	525388	7097022	YV01	Dark Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor				
1339239	BOU	7	525433	7097042	YV01	Dark Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1339240	BOU	7	525477	7097062	YV01	Dark Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1339241	BOU	7	523651	7097233	YV01	Dark Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen			
1339242	BOU	7	523607	7097214	YV01	Dark Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen			
1339243	BOU	7	523562	7097194	YV01	Dark Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen			
1339244	BOU	7	523516	7097174	YV01	Dark Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	Frozen		
1339245	BOU	7	523469	7097152	YV01	Dark Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	Rocky Terrain		
1339246	BOU	7	523421	7097140	YV01	Dark Brown	Silt	Damp	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 50%	Rocky Terrain		

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1339247	BOU	7	523378	7097112	YV01	Chocolate Brown	Silt	Damp	Pronounced	50	B	Black Spruce	Reindeer Moss	Good	Rocky Terrain	Small Sample		
1339248	BOU	7	523332	7097092	YV01	Chocolate Brown	Silt	Damp	Pronounced	40	B	Black Spruce	Reindeer Moss	Good	Coarse	Rocky Terrain		
1339249	BOU	7	523286	7097071	YV01	Dark Brown	Silt	Damp	Steep	90	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	Rocky Terrain		
1339250	BOU	7	523238	7097050	YV01	Chocolate Brown	Silt	Damp	Steep	50	B	Black Spruce	Reindeer Moss	Good	Coarse	Rocky Terrain		
1339126	BOU	7	523194	7097030	YV01	Chocolate Brown	Silt	Damp	Pronounced	40	B	Black Spruce	Reindeer Moss	Poor	Rocky Terrain			
1339127	BOU	7	523148	7097010	YV01	Chocolate Brown	Silt	Damp	Steep	40	B	Black Spruce	Reindeer Moss	Poor	Rocky Terrain			
1339128	BOU	7	523108	7097101	YV01	Dark Brown	Silt	Damp	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky Terrain		
1339129	BOU	7	523152	7097120	YV01	Chocolate Brown	Silt	Damp	Pronounced	40	B	Black Spruce	Reindeer Moss	Poor	Coarse	Rocky Terrain		
1339130	BOU	7	523198	7097140	YV01	Dark Brown	Silt	Damp	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 50%	Rocky Ter	very poor	
1339131	BOU	7	523244	7097162	YV01	Dark Brown	Silt	Damp	Pronounced	50	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Organic 50%	Partially Fr	very poor	
1339132	BOU	7	523290	7097182	YV01	Dark Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 50%	Frozen	very poor	
1339133	BOU	7	523336	7097202	YV01	Dark Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Organic 50%			
1339134	BOU	7	523381	7097223	YV01	Dark Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Organic 10%			
1339135	BOU	7	523428	7097243	YV01	Dark Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Organic 25%	Partially Frozen		
1339136	BOU	7	523520	7097284	YV01	Dark Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Organic 25%	Frozen		
1339137	BOU	7	523565	7097303	YV01	Dark Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Organic 25%			
1339138	BOU	7	523610	7097324	YV01	Dark Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	Partially Frozen		
1339139	BOU	7	523656	7097344	YV01	Dark Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Partially Frozen		
1339140	BOU	7	523702	7097365	YV01	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1339141	BOU	7	523662	7097457	YV01	Dark Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1339142	BOU	7	523618	7097438	YV01	Dark Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%			
1339143	BOU	7	523570	7097417	YV01	Dark Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%			
1339144	BOU	7	523525	7097396	YV01	Dark Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%			
1339145	BOU	7	523479	7097376	YV01	Dark Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%			
1339146	BOU	7	523435	7097356	YV01	Dark Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%			
1339147	BOU	7	523389	7097336	YV01	Dark Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%			
1339148	BOU	7	523343	7097316	YV01	Dark Brown	Silt	Damp	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%			
1369103	CAL	7	525352	7105374	AD01	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1369104	CAL	7	525392	7105347	AD01	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse			
1369105	CAL	7	525436	7105320	AD01	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse			
1369106	CAL	7	525475	7105292	AD01	Chocolate Brown	Silt	Wet	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse			
1369107	CAL	7	525519	7105264	AD01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse			
1369108	CAL	7	525561	7105237	AD01	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Fine			
1369109	CAL	7	525601	7105208	AD01	Dark Brown	Silt	Damp	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	Frozen		
1369110	CAL	7	525645	7105181	AD01	Dark Brown	Silt	Wet	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Mud		
1369111	CAL	7	525687	7105153	AD01	Dark Brown	Silt	Damp	Pronounced	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse			
1369112	CAL	7	525728	7105128	AD01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse			
1369113	CAL	7	525783	7105209	AD01	Dark Brown	Silt	Damp	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Good	Coarse			
1369114	CAL	7	525742	7105236	AD01	Dark Brown	Clay	Damp	Pronounced	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse			
1369115	CAL	7	525700	7105265	AD01	Chocolate Brown	Sand	Damp	Subtle Slope	100	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse			
1369116	CAL	7	525659	7105291	AD01	Chocolate Brown	Sand	Dry	Pronounced	100	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine			
1369117	CAL	7	525617	7105319	AD01	Dark Brown	Silt	Wet	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Good	Fine	Mud		
1369118	CAL	7	525575	7105346	AD01	Dark Brown	Sand	Dry	Subtle Slope	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse			
1369124	CAL	7	525533	7105371	AD01	Dark Brown	Silt	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Coarse			
1369125	CAL	7	525533	7105366	AD01	Dark Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Coarse			1369124
1371702	CAL	7	525493	7105400	AD01	Dark Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Coarse			
1371703	CAL	7	525448	7105427	AD01	Dark Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky		
1371704	CAL	7	525408	7105456	AD01	Dark Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Coarse			
1371705	CAL	7	525366	7105483	AD01	Dark Brown	Sand	Dry	Subtle Slope	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rusty Rock Chip		
1371706	CAL	7	525322	7105510	AD01	Dark Brown	Sand	Damp	Pronounced	90	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Dull Red Rust		
1371707	CAL	7	525282	7105537	AD01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Coarse			
1371708	CAL	7	525238	7105564	AD01	Chocolate Brown	Silt	Dry	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Coarse			
1371709	CAL	7	525199	7105593	AD01	Dark Brown	Sand	Dry	Subtle Slope	50	B	White Spruce	Thin Moss Cover	Good	Coarse	Rocky		
1371710	CAL	7	525156	7105622	AD01	Dark Brown	Silt	Dry	Subtle Slope	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse			
1371711	CAL	7	525115	7105647	AD01	Dark Brown	Silt	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky		

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1371712	CAL	7	525073	7105675	AD01	Dark Brown	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1371713	CAL	7	525030	7105704	AD01	Dark Brown	Silt	Wet	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Frozen		
1371714	CAL	7	524989	7105730	AD01	Dark Brown	Silt	Dry	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Dull Red Rust		
1371715	CAL	7	524947	7105758	AD01	Dark Brown	Silt	Wet	Subtle Slope	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	Mud		
1369190	CAL	7	524781	7105506	FL01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Subalpine Fir	Leaf Cover	Good	Rocky			
1369191	CAL	7	524822	7105481	FL01	Chocolate Brown	Sand	Damp	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1369192	CAL	7	524863	7105454	FL01	Chocolate Brown	Sand	Damp	Pronounced	70	B	Willows	Sphagnum Moss < 30cm	Good	Clay			
1369193	CAL	7	524909	7105424	FL01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Leaf Cover	Good	Rocky			
1369194	CAL	7	524949	7105398	FL01	Chocolate Brown	Sand	Dry	Pronounced	40	C	Poplar	Bare Soil	Good	Rocky			
1369195	CAL	7	524990	7105369	FL01	Chocolate Brown	Sand	Dry	Steep	50	C	Birch Forest	Bare Soil	Good	Rocky			
1369196	CAL	7	525033	7105343	FL01	Chocolate Brown	Sand	Wet	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen			
1369197	CAL	7	525075	7105316	FL01	Chocolate Brown	Sand	Damp	Steep	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1369198	CAL	7	525118	7105288	FL01	Chocolate Brown	Sand	Dry	Steep	40	B	Birch Forest	Leaf Cover	Poor	Organic 25%			
1369199	CAL	7	525159	7105261	FL01	Chocolate Brown	Sand	Damp	Pronounced	40	C	Subalpine Fir	Reindeer Moss	Good	Rocky			
1369200	CAL	7	525201	7105233	FL01	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Reindeer Moss	Good	Rocky			
1369202	CAL	7	525243	7105205	FL01	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Rocky			
1369203	CAL	7	525284	7105178	FL01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Willows	Sphagnum Moss < 30cm	Good	Coarse			
1369204	CAL	7	525327	7105150	FL01	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Subalpine Fir	Leaf Cover	Good	Coarse	Rocky		
1369205	CAL	7	525367	7105123	FL01	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Willows	Leaf Cover	Good	Rocky			
1369206	CAL	7	525410	7105097	FL01	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1369207	CAL	7	525451	7105067	FL01	Chocolate Brown	Sand	Damp	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rusty Rock Chip			
1369208	CAL	7	525494	7105041	FL01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Subalpine Fir	Sphagnum Moss < 30cm	Good	Coarse			
1369209	CAL	7	525535	7105015	FL01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1369210	CAL	7	525576	7104987	FL01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Reindeer Moss	Good	Coarse			
1369211	CAL	7	525620	7104959	FL01	Chocolate Brown	Sand	Damp	Pronounced	40	C	Dwarf Birch	Reindeer Moss	Good	Coarse	Rocky		
1369212	CAL	7	525564	7104876	FL01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky			
1369213	CAL	7	525525	7104901	FL01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Subalpine Fir	Sphagnum Moss < 30cm	Good	Rocky			
1369214	CAL	7	525481	7104928	FL01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Subalpine Fir	Sphagnum Moss < 30cm	Good	Coarse			
1369215	CAL	7	525440	7104956	FL01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Subalpine Fir	Sphagnum Moss < 30cm	Good	Coarse			
1369216	CAL	7	525396	7104985	FL01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse			
1369217	CAL	7	525356	7105012	FL01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Subalpine Fir	Leaf Cover	Good	Coarse			
1369218	CAL	7	525314	7105038	FL01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Poplar	Leaf Cover	Good	Coarse			
1369219	CAL	7	525273	7105065	FL01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Bare Soil	Good	Rusty Rock Chip			
1369220	CAL	7	525230	7105094	FL01	Chocolate Brown	Sand	Damp	Pronounced	50	B	Black Spruce	Bare Soil	Good	Rocky			
1369221	CAL	7	525189	7105121	FL01	Chocolate Brown	Sand	Damp	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Organic 25%		
1366923	CAL	7	525675	7105043	RL02	Chocolate Brown	Gravel	Damp	Pronounced	80	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	Rocky		
1366924	CAL	7	525635	7105069	RL02	Chocolate Brown	Sand	Damp	Pronounced	40	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky		
1366925	CAL	7	525635	7105069	RL02	Chocolate Brown	Sand	Damp	Pronounced	40	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky		1366924
1279352	CAL	7	525592	7105096	RL02	Chocolate Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	Rocky		
1279353	CAL	7	525550	7105123	RL02	Chocolate Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky		
1279354	CAL	7	525509	7105152	RL02	Chocolate Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky		
1279355	CAL	7	525466	7105178	RL02	Chocolate Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky		
1279356	CAL	7	525423	7105206	RL02	Chocolate Brown	Sand	Damp	Pronounced	100	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky		
1279357	CAL	7	525383	7105234	RL02	Chocolate Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky		
1279358	CAL	7	525339	7105261	RL02	Chocolate Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	Coarse		
1279359	CAL	7	525298	7105288	RL02	Chocolate Brown	Sand	Damp	Pronounced	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky		
1279360	CAL	7	525256	7105317	RL02	Chocolate Brown	Sand	Damp	Pronounced	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky		
1279361	CAL	7	525215	7105341	RL02	Chocolate Brown	Sand	Damp	Pronounced	50	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky		
1279362	CAL	7	525173	7105370	RL02	Chocolate Brown	Sand	Damp	Pronounced	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky		
1279363	CAL	7	525129	7105396	RL02	Chocolate Brown	Sand	Damp	Pronounced	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen		
1279364	CAL	7	525089	7105424	RL02	Chocolate Brown	Sand	Damp	Pronounced	70	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky		
1279365	CAL	7	525046	7105452	RL02	Chocolate Brown	Sand	Damp	Pronounced	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky		
1279366	CAL	7	525004	7105480	RL02	Chocolate Brown	Sand	Damp	Pronounced	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky		
1279367	CAL	7	524961	7105507	RL02	Chocolate Brown	Sand	Damp	Pronounced	40	C	Poplar	Thin Moss Cover	Good	Fine	Rocky		
1279368	CAL	7	524920	7105534	RL02	Chocolate Brown	Sand	Damp	Pronounced	40	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky		

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1279369	CAL	7	524879	7105561	RL02	Chocolate Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky		
1279370	CAL	7	524837	7105589	RL02	Chocolate Brown	Sand	Damp	Pronounced	60	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky		
1279371	CAL	7	524891	7105673	RL02	Chocolate Brown	Sand	Damp	Pronounced	60	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky		
1279372	CAL	7	524930	7105647	RL02	Chocolate Brown	Sand	Damp	Pronounced	40	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky		
1279373	CAL	7	524972	7105621	RL02	Chocolate Brown	Sand	Damp	Pronounced	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse			
1279374	CAL	7	525015	7105592	RL02	Chocolate Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky		
1279375	CAL	7	525015	7105592	RL02	Chocolate Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky		1279374
1279376	CAL	7	525057	7105565	RL02	Chocolate Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky		
1279377	CAL	7	525099	7105537	RL02	Chocolate Brown	Sand	Damp	Pronounced	90	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse			
1279378	CAL	7	525141	7105510	RL02	Chocolate Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky		
1279379	CAL	7	525184	7105482	RL02	Chocolate Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky		
1279380	CAL	7	525224	7105456	RL02	Chocolate Brown	Sand	Damp	Pronounced	90	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky		
1279381	CAL	7	525266	7105428	RL02	Chocolate Brown	Sand	Damp	Pronounced	40	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky		
1279382	CAL	7	525308	7105401	RL02	Chocolate Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky		
1370969	CAL	7	525510	7104792	RR01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse			
1370970	CAL	7	525470	7104819	RR01	Chocolate Brown	Sand	Dry	Pronounced	100	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse			
1370971	CAL	7	525428	7104847	RR01	Chocolate Brown	Silt	Damp	Pronounced	110	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Sandy		
1370972	CAL	7	525385	7104872	RR01	Dark Brown	Sand	Damp	Pronounced	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips		
1370973	CAL	7	525345	7104900	RR01	Dark Brown	Sand	Damp	Pronounced	60	C	Willows	Grass Cover	Excellent	Coarse			
1370974	CAL	7	525303	7104928	RR01	Dark Brown	Sand	Dry	Pronounced	60	C	Willows	Sphagnum Moss < 30cm	Excellent	Coarse			
1370975	CAL	7	525303	7104928	RR01	Dark Brown	Sand	Dry	Pronounced	60	C	Willows	Sphagnum Moss < 30cm	Excellent	Coarse			1370974
1260726	CAL	7	525260	7104955	RR01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Willows	Grass Cover	Excellent	Coarse			
1260727	CAL	7	525217	7104984	RR01	Chocolate Brown	Sand	Damp	Pronounced	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1260728	CAL	7	525177	7105008	RR01	Chocolate Brown	Silt	Dry	Pronounced	40	B	White Spruce	Leaf Cover	Good	Sandy			
1260729	CAL	7	525132	7105037	RR01	Chocolate Brown	Sand	Dry	Pronounced	60	C	White Spruce	Leaf Cover	Excellent	Coarse			
1260730	CAL	7	525092	7105063	RR01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Birch Forest	Leaf Cover	Excellent	Coarse			
1260731	CAL	7	525051	7105093	RR01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Coarse			
1260732	CAL	7	525008	7105119	RR01	Chocolate Brown	Sand	Damp	Pronounced	70	C	White Spruce	Leaf Cover	Good	Coarse			
1260733	CAL	7	524967	7105147	RR01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse		15 mters uphill from p	
1260734	CAL	7	524925	7105173	RR01	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Reindeer Moss	Excellent	Coarse	Rocky	15 downhill from point	
1260735	CAL	7	524883	7105202	RR01	Dark Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Possible C	.on small creek island	
1260736	CAL	7	524840	7105229	RR01	Light Brown	Sand	Damp	Pronounced	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Quartz Chips		
1260737	CAL	7	524799	7105258	RR01	Chocolate Brown	Sand	Damp	Pronounced	80	C	Black Spruce	Grass Cover	Excellent	Coarse			
1260738	CAL	7	524756	7105282	RR01	Dark Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1260739	CAL	7	524714	7105310	RR01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse			
1260740	CAL	7	524674	7105338	RR01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1260741	CAL	7	524729	7105422	RR01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Poplar	Grass Cover	Good	Fine			
1260742	CAL	7	524768	7105397	RR01	Chocolate Brown	Sand	Damp	Pronounced	60	C	White Spruce	Bare Soil	Good	Fine			
1260743	CAL	7	524808	7105370	RR01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Willows	Sphagnum Moss < 30cm	Excellent	Coarse			
1260744	CAL	7	524851	7105341	RR01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Willows	Sphagnum Moss < 30cm	Excellent	Fine			
1260745	CAL	7	524892	7105314	RR01	Chocolate Brown	Sand	Damp	Pronounced	80	C	Poplar	Leaf Cover	Excellent	Coarse			
1260746	CAL	7	524936	7105286	RR01	Dark Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Needle Cover	Good	Coarse	Organic 10%		
1260747	CAL	7	525018	7105232	RR01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Birch Forest	Grass Cover	Good	Coarse			
1260748	CAL	7	525060	7105204	RR01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse			
1260749	CAL	7	525102	7105176	RR01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1260750	CAL	7	525144	7105150	RR01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1267120	CAL	7	526112	7105712	BH01	Chocolate Brown	Silt	Damp	Pronounced	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen		
1267121	CAL	7	526073	7105738	BH01	Chocolate Brown	Silt	Damp	Pronounced	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen		
1267122	CAL	7	526031	7105765	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen		
1267123	CAL	7	525987	7105792	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen		
1370776	CAL	7	525944	7105819	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Organic 10%	Frozen		
1370777	CAL	7	525903	7105847	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Good	Organic 10%	Rocky		
1370778	CAL	7	525860	7105875	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1370779	CAL	7	525820	7105902	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1370780	CAL	7	525779	7105931	BH01	Chocolate Brown	Silt	Damp	Flat	30	B	Alders	Reindeer Moss	Poor	Organic 10%	Frozen		

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1370781	CAL	7	525737	7105957	BH01	Chocolate Brown	Silt	Damp	Flat	30	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1370782	CAL	7	525694	7105986	BH01	Chocolate Brown	Silt	Damp	Flat	30	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1370783	CAL	7	525653	7106013	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Alders	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen		
1370784	CAL	7	525610	7106040	BH01	Dark Brown	Clay	Damp	Flat	50	B	Alders	Sphagnum Moss > 30cm	Poor	Organic 25%	Frozen		
1370785	CAL	7	525563	7106060	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Rocky			
1370786	CAL	7	525526	7106093	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Alders	Grass Cover	Good	Organic 10%	Partially Frozen		
1370787	CAL	7	525485	7106121	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Good	Organic 10%	Partially Frozen		
1370788	CAL	7	525442	7106149	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Poor	Organic 10%	Partially Fr	small	
1370789	CAL	7	525400	7106176	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Rocky			
1370790	CAL	7	525359	7106204	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen		
1370791	CAL	7	525317	7106232	BH01	Chocolate Brown	Silt	Damp	Pronounced	60	B	Dwarf Birch	Sphagnum Moss > 30cm	Poor	Organic 25%	Rocky	frozen	
1370792	CAL	7	525274	7106261	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Rocky			
1370793	CAL	7	525890	7105740	BH01	Chocolate Brown	Silt	Damp	Pronounced	30	B	Black Spruce	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen		
1370794	CAL	7	525931	7105709	BH01	Chocolate Brown	Silt	Damp	Pronounced	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Partially Frozen			
1370795	CAL	7	525973	7105684	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Partially Frozen			
1370796	CAL	7	526015	7105656	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Partially Frozen			
1370797	CAL	7	526060	7105628	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen		
1365208	CAL	7	525893	7105378	FL01	Chocolate Brown	Sand	Wet	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky			
1365209	CAL	7	525853	7105403	FL01	Chocolate Brown	Sand	Wet	Pronounced	40	C	Black Spruce	Reindeer Moss	Good	Rocky	Coarse		
1365210	CAL	7	525811	7105431	FL01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky		
1365211	CAL	7	525768	7105457	FL01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rusty Rock Chip		
1365212	CAL	7	525726	7105485	FL01	Chocolate Brown	Sand	Wet	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Organic 50%		
1365213	CAL	7	525686	7105513	FL01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky		
1365214	CAL	7	525643	7105539	FL01	Chocolate Brown	Sand	Wet	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 50%	Frozen		
1365215	CAL	7	525601	7105568	FL01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1365216	CAL	7	525559	7105595	FL01	Chocolate Brown	Sand	Damp	Steep	60	C	Black Spruce	Reindeer Moss	Good	Coarse			
1365217	CAL	7	525517	7105622	FL01	Dark Brown	Sand	Damp	Pronounced	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky		
1365218	CAL	7	525475	7105650	FL01	Chocolate Brown	Sand	Damp	Pronounced	90	C	Black Spruce	Reindeer Moss	Good	Coarse			
1365219	CAL	7	525432	7105678	FL01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Reindeer Moss	Good	Coarse	Rocky		
1365220	CAL	7	525390	7105705	FL01	Chocolate Brown	Sand	Damp	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Frozen		
1365221	CAL	7	525350	7105733	FL01	Chocolate Brown	Sand	Damp	Steep	70	B	Black Spruce	Reindeer Moss	Good	Fine			
1365222	CAL	7	525308	7105760	FL01	Chocolate Brown	Sand	Damp	Pronounced	40	C	Black Spruce	Reindeer Moss	Good	Bright Orange Rust			
1365223	CAL	7	525266	7105787	FL01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Reindeer Moss	Good	Rocky	Bright Orange Rust		
1365224	CAL	7	525224	7105814	FL01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1365225	CAL	7	525224	7105814	FL01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			1365224
1370826	CAL	7	525181	7105844	FL01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1370827	CAL	7	525140	7105870	FL01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Alders	Sphagnum Moss < 30cm	Good	Rocky			
1370828	CAL	7	525097	7105897	FL01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1370829	CAL	7	525057	7105924	FL01	Chocolate Brown	Sand	Damp	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1370830	CAL	7	525293	7105648	FL01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Reindeer Moss	Good	Coarse			
1370831	CAL	7	525335	7105621	FL01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Reindeer Moss	Good	Fine			
1370832	CAL	7	525376	7105595	FL01	Chocolate Brown	Sand	Damp	Pronounced	30	C	Black Spruce	Sphagnum Moss > 30cm	Good	Frozen			
1370833	CAL	7	525419	7105567	FL01	Reddish Yellow	Sand	Damp	Pronounced	70	C	Black Spruce	Reindeer Moss	Good	Coarse			
1370834	CAL	7	525461	7105539	FL01	Chocolate Brown	Sand	Damp	Pronounced	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1370835	CAL	7	525503	7105511	FL01	Chocolate Brown	Sand	Damp	Pronounced	50	B	Black Spruce	Reindeer Moss	Good	Rocky			
1370836	CAL	7	525545	7105485	FL01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Reindeer Moss	Good	Coarse			
1379192	CAL	7	526220	7105879	RF01	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen		
1379193	CAL	7	526181	7105904	RF01	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Black Spruce	Thin Moss Cover	Excellent	Coarse			
1379194	CAL	7	526137	7105930	RF01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse			
1379195	CAL	7	526097	7105959	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	Partially Frozen		
1379196	CAL	7	526055	7105987	RF01	Chocolate Brown	Clay	Damp	Flat	30	B	Willows	Thin Moss Cover	Poor	Organic 10%	Possible Creek Contamination		
1379197	CAL	7	526012	7106014	RF01	Chocolate Brown	Clay	Damp	Flat	50	B	Willows	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen		
1379198	CAL	7	525970	7106041	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Good	Fine	Partially Frozen		
1379199	CAL	7	525927	7106067	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen		
1379200	CAL	7	525887	7106096	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen		

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1379201	CAL	7	525844	7106124	RF01	Chocolate Brown	Clay	Dry	Subtle Slope	70	B	Alders	Thin Moss Cover	Good	Coarse			
1379202	CAL	7	525800	7106150	RF01	Grey	Clay	Dry	Subtle Slope	60	B	Black Spruce	Thin Moss Cover	Good	Fine			
1379203	CAL	7	525761	7106180	RF01	Grey	Clay	Dry	Subtle Slope	50	B	Black Spruce	Needle Cover	Good	Fine			
1379204	CAL	7	525721	7106206	RF01	Grey	Sand	Dry	Subtle Slope	40	C	Alders	Thin Moss Cover	Good	Coarse			
1379205	CAL	7	525678	7106235	RF01	Light Brown	Clay	Dry	Subtle Slope	40	B	White Spruce	Needle Cover	Good	Coarse			
1379206	CAL	7	525635	7106261	RF01	Light Brown	Clay	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	Rusty Roc	Partial C Horizon	
1379207	CAL	7	525593	7106288	RF01	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Coarse			
1379208	CAL	7	525550	7106317	RF01	Light Brown	Sand	Dry	Subtle Slope	40	B	White Spruce	Bare Soil	Good	Coarse			
1379209	CAL	7	525511	7106344	RF01	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Coarse			
1379210	CAL	7	525469	7106373	RF01	Light Brown	Clay	Dry	Subtle Slope	60	B	Black Spruce	Bare Soil	Good	Fine			
1379211	CAL	7	525427	7106400	RF01	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse			
1379212	CAL	7	525385	7106425	RF01	Reddish Brown	Sand	Dry	Subtle Slope	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse			
1379213	CAL	7	525384	7106068	RF01	Chocolate Brown	Clay	Dry	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1379214	CAL	7	525512	7105984	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good	Fine	Partially Frozen		
1379215	CAL	7	525596	7105932	RF01	Grey	Sand	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse			
1379216	CAL	7	525678	7105874	RF01	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good	Coarse		Partial C Horizon	
1379217	CAL	7	525721	7105848	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	Partially Fr	multiple holes	
1379218	CAL	7	525764	7105819	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Partially Frozen		
1379219	CAL	7	525806	7105792	RF01	Dark Brown	Sand	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1379220	CAL	7	525848	7105766	RF01	Dark Brown	Sand	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Fr	Partial C Horizon	
1279383	CAL	7	525166	7106092	RL02	Chocolate Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky		
1279384	CAL	7	525207	7106066	RL02	Chocolate Brown	Sand	Damp	Pronounced	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky		
1279385	CAL	7	525249	7106039	RL02	Chocolate Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky		
1279386	CAL	7	525290	7106011	RL02	Chocolate Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky		
1279387	CAL	7	525331	7105982	RL02	Chocolate Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky		
1279388	CAL	7	525374	7105955	RL02	Dark Brown	Sand	Damp	Pronounced	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky		
1279389	CAL	7	525412	7105924	RL02	Dark Brown	Sand	Damp	Pronounced	40	C	Willows	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Partially Frozen		
1279390	CAL	7	525458	7105901	RL02	Dark Brown	Silt	Damp	Pronounced	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy	Partially Frozen		
1366960	CAL	7	525500	7105873	RL02	Grey	Silt	Damp	Pronounced	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy	Partially Frozen		
1366961	CAL	7	525542	7105845	RL02	Chocolate Brown	Sand	Damp	Pronounced	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Sandy		
1366962	CAL	7	525583	7105818	RL02	Dark Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen			
1279391	CAL	7	525625	7105791	RL02	Reddish Brown	Sand	Damp	Pronounced	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen		
1279392	CAL	7	525668	7105764	RL02	Chocolate Brown	Sand	Damp	Pronounced	80	C	Black Spruce	Reindeer Moss	Excellent	Coarse			
1279393	CAL	7	525710	7105737	RL02	Chocolate Brown	Sand	Wet	Pronounced	60	C	Black Spruce	Reindeer Moss	Good	Coarse			
1279394	CAL	7	525750	7105709	RL02	Chocolate Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Reindeer Moss	Excellent	Coarse	Rocky		
1279395	CAL	7	525793	7105681	RL02	Chocolate Brown	Sand	Damp	Pronounced	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1279396	CAL	7	525835	7105654	RL02	Dark Brown	Silt	Damp	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	Partially Frozen		
1279397	CAL	7	525875	7105626	RL02	Chocolate Brown	Silt	Damp	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	Partially Frozen		
1279398	CAL	7	525919	7105599	RL02	Chocolate Brown	Sand	Damp	Pronounced	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen		
1279399	CAL	7	525961	7105572	RL02	Dark Brown	Silt	Damp	Pronounced	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Small Sample		
1279400	CAL	7	526002	7105544	RL02	Grey	Silt	Damp	Pronounced	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen			
1279202	CAL	7	525838	7105293	RL02	Chocolate Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Reindeer Moss	Good	Coarse	Rocky		
1279203	CAL	7	525797	7105320	RL02	Chocolate Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky		
1279204	CAL	7	525755	7105346	RL02	Chocolate Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky		
1279205	CAL	7	525714	7105373	RL02	Chocolate Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen		
1279206	CAL	7	525671	7105401	RL02	Chocolate Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Reindeer Moss	Good	Bright Orange Rust	Coarse		
1279207	CAL	7	525629	7105429	RL02	Chocolate Brown	Sand	Damp	Pronounced	40	C	Black Spruce	Reindeer Moss	Good	Coarse	Rocky		
1279208	CAL	7	525587	7105457	RL02	Chocolate Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Reindeer Moss	Good	Coarse	Rocky		
1370947	CAL	7	525948	7105461	RR01	Dark Brown	Sand	Wet	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Excellent	Partially Frozen	Coarse		
1370948	CAL	7	525906	7105485	RR01	Chocolate Brown	Sand	Wet	Pronounced	50	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1370949	CAL	7	525864	7105513	RR01	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Willows	Sphagnum Moss < 30cm	Excellent	Coarse	Partially Frozen		
1370950	CAL	7	525823	7105541	RR01	Chocolate Brown	Sand	Wet	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Wet Soil	Partially Frozen		
1368077	CAL	7	525780	7105570	RR01	Dark Brown	Silt	Wet	Pronounced	50	B	Black Spruce	Reindeer Moss	Good	Frozen	Sandy		
1368078	CAL	7	525739	7105595	RR01	Chocolate Brown	Sand	Wet	Pronounced	50	C	Black Spruce	Reindeer Moss	Good	Coarse	Wet Soil		
1368079	CAL	7	525697	7105624	RR01	Chocolate Brown	Silt	Damp	Pronounced	60	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Sandy		

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1368080	CAL	7	525656	7105651	RR01	Dark Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Reindeer Moss	Excellent	Coarse			
1368081	CAL	7	525612	7105678	RR01	Chocolate Brown	Sand	Damp	Pronounced	60	B	Black Spruce	Reindeer Moss	Good	Coarse			
1368082	CAL	7	525572	7105707	RR01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Reindeer Moss	Excellent	Coarse			
1368083	CAL	7	525529	7105733	RR01	Chocolate Brown	Gravel	Damp	Pronounced	50	B	Black Spruce	Reindeer Moss	Good	Rocky	Rocky Sample		
1368084	CAL	7	525488	7105761	RR01	Dark Brown	Gravel	Wet	Pronounced	50	B	Black Spruce	Reindeer Moss	Good	Coarse	Rocky		
1368085	CAL	7	525446	7105789	RR01	Grey	Sand	Damp	Pronounced	90	C	Black Spruce	Reindeer Moss	Excellent	Coarse			
1368086	CAL	7	525404	7105816	RR01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Coarse			
1368087	CAL	7	525362	7105844	RR01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss > 30cm	Good	Sandy			
1368088	CAL	7	525321	7105871	RR01	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse			
1368089	CAL	7	525279	7105900	RR01	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy			
1368090	CAL	7	525236	7105925	RR01	Chocolate Brown	Silt	Damp	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1368091	CAL	7	525193	7105952	RR01	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Willows	Sphagnum Moss < 30cm	Good	Coarse			
1368092	CAL	7	525152	7105982	RR01	Chocolate Brown	Silt	Damp	Pronounced	80	B	Dwarf Birch	Thin Moss Cover	Good	Fine			
1368093	CAL	7	525110	7106007	RR01	Chocolate Brown	Silt	Damp	Pronounced	60	B	Subalpine Fir	Thin Moss Cover	Good	Fine			
1368094	CAL	7	525001	7105839	RR01	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Coarse			
1368095	CAL	7	525042	7105815	RR01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Subalpine Fir	Sphagnum Moss < 30cm	Good	Coarse			
1368096	CAL	7	525084	7105787	RR01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1368097	CAL	7	525126	7105760	RR01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Coarse	Sandy		
1368098	CAL	7	525169	7105735	RR01	Chocolate Brown	Silt	Damp	Subtle Slope	80	B	Black Spruce	Reindeer Moss	Good	Sandy			
1368099	CAL	7	525210	7105705	RR01	Dark Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Reindeer Moss	Good	Coarse			
1368100	CAL	7	525252	7105677	RR01	Dark Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse			
1364402	CAL	7	526166	7105795	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Reindeer Moss	Excellent				
1364403	CAL	7	526124	7105820	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Rocky			
1364404	CAL	7	526084	7105850	SD02	Grey	Sand	Wet	Subtle Slope	50	C	Black Spruce	Reindeer Moss	Poor	Partially Frozen	Organic 10%		
1364405	CAL	7	526042	7105878	SD02	Dark Blue Black	Sand	Damp	Subtle Slope	50	B	Willows	Sphagnum Moss < 30cm	Poor	Frozen			
1364406	CAL	7	526000	7105905	SD02	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Willows	Sphagnum Moss < 30cm	Poor	Frozen			
1364407	CAL	7	525956	7105932	SD02	Chocolate Brown	Sand	Wet	Subtle Slope	40	C	Black Spruce	Reindeer Moss	Good	Coarse	Partially Frozen		
1364408	CAL	7	525917	7105958	SD02	Grey	Clay	Damp	Subtle Slope	40	B	Willows	Sphagnum Moss < 30cm	Poor	Frozen	Possible Creek Contamination		
1364409	CAL	7	525873	7105984	SD02	Bluish Grey	Silt	Wet	Flat	40	C	Willows	Sphagnum Moss < 30cm	Poor	Possible Creek Cor	Partially Frozen		
1364410	CAL	7	525831	7106014	SD02	Grey	Sand	Damp	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Good	Frozen	Fine		
1364411	CAL	7	525790	7106041	SD02	Grey	Silt	Wet	Subtle Slope	40	B	Willows	Sphagnum Moss < 30cm	Poor	Frozen			
1364412	CAL	7	525750	7106069	SD02	Dark Brown	Silt	Wet	Subtle Slope	30	B	Willows	Sphagnum Moss < 30cm	Poor	Frozen	Small Sample		
1364413	CAL	7	525708	7106096	SD02	Dark Brown	Sand	Wet	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Partially Frozen			
1364414	CAL	7	525666	7106123	SD02	Grey	Sand	Damp	Subtle Slope	50	C	Alders	Sphagnum Moss < 30cm	Good	Rocky			
1364415	CAL	7	525624	7106151	SD02	Chocolate Brown	Silt	Dry	Subtle Slope	70	B	Alders	Leaf Cover	Good	Coarse			
1364416	CAL	7	525580	7106180	SD02	Chocolate Brown	Sand	Dry	Subtle Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Dull Red Rust		
1364417	CAL	7	525538	7106205	SD02	Dark Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Bright Orange Rust			
1364418	CAL	7	525498	7106234	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Willows	Thin Moss Cover	Good	Fine			
1364419	CAL	7	525454	7106261	SD02	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Sandy			
1364420	CAL	7	525413	7106289	SD02	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Alders	Thin Moss Cover	Good	Fine	Rocky		
1364421	CAL	7	525369	7106315	SD02	Dark Grey Black	Gravel	Wet	Subtle Slope	60	C	Willows	Sphagnum Moss < 30cm	Excellent	Fine	Rocky		
1364422	CAL	7	525330	7106343	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Willows	Thin Moss Cover	Excellent				
1364423	CAL	7	525220	7106175	SD02	Grey	Gravel	Damp	Subtle Slope	50	C	Willows	Thin Moss Cover	Excellent	Rocky			
1364424	CAL	7	525261	7106152	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Willows	Sphagnum Moss < 30cm	Excellent				
1364425	CAL	7	525261	7106152	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Willows	Sphagnum Moss < 30cm	Excellent				1364424
1369276	CAL	7	525303	7106123	SD02	Grey	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Rocky		
1369277	CAL	7	525345	7106095	SD02	Grey	Sand	Damp	Subtle Slope	60	C	Willows	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust			
1369278	CAL	7	525430	7106041	SD02	Grey	Silt	Damp	Subtle Slope	60	B	Alders	Grass Cover	Poor	Frozen			
1369279	CAL	7	525472	7106012	SD02	Grey	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips		
1369280	CAL	7	525554	7105957	SD02	Grey	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Fine	Frozen		
1369281	CAL	7	525638	7105903	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Willows	Thin Moss Cover	Good	Bright Orange Rust	Fine		
1399598	CAL	7	524508	7105087	BH01	Chocolate Brown	Sand	Dry	Pronounced	30	C	Black Spruce	Grass Cover	Excellent	Rocky			
1399599	CAL	7	524548	7105062	BH01	Chocolate Brown	Clay	Damp	Pronounced	70	C	Black Spruce	Thin Moss Cover	Good	Rocky			
1307402	CAL	7	524591	7105034	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	90	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1399600	CAL	7	524632	7105007	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	90	C	Black Spruce	Reindeer Moss	Good	Rocky	Sandy		

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1307403	CAL	7	524673	7104978	BH01	Chocolate Brown	Sand	Dry	Pronounced	60	C	Black Spruce	Reindeer Moss	Good	Rocky			
1307404	CAL	7	524716	7104952	BH01	Chocolate Brown	Clay	Dry	Subtle Slope	60	C	Alders	Reindeer Moss	Good	Rocky			
1307405	CAL	7	524757	7104924	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	90	B	Alders	Grass Cover	Good	Possible Creek Contamination			
1307406	CAL	7	524801	7104898	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Good	Mud	Rocky		
1307407	CAL	7	524844	7104869	BH01	Chocolate Brown	Sand	Dry	Pronounced	30	C	Black Spruce	Grass Cover	Good	Rocky			
1307408	CAL	7	524884	7104841	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Rocky			
1307409	CAL	7	524927	7104814	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Black Spruce	Grass Cover	Good	Rocky			
1307410	CAL	7	524968	7104788	BH01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Excellent	Rocky			
1307411	CAL	7	525009	7104759	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Alders	Leaf Cover	Good	Rocky			
1307412	CAL	7	525051	7104733	BH01	Chocolate Brown	Sand	Dry	Pronounced	40	C	Alders	Leaf Cover	Excellent	Rocky			
1307413	CAL	7	525093	7104706	BH01	Chocolate Brown	Silt	Damp	Pronounced	60	B	Alders	Sphagnum Moss > 30cm	Poor	Organic 10%	Rocky		
1307414	CAL	7	525134	7104677	BH01	Chocolate Brown	Sand	Dry	Pronounced	30	C	Alders	Leaf Cover	Excellent	Rocky			
1307415	CAL	7	525178	7104648	BH01	Chocolate Brown	Sand	Dry	Pronounced	30	C	Poplar	Leaf Cover	Good	Rocky			
1307416	CAL	7	525219	7104623	BH01	Chocolate Brown	Clay	Dry	Pronounced	40	B	Alders	Leaf Cover	Good	Rocky			
1307417	CAL	7	525261	7104594	BH01	Chocolate Brown	Silt	Damp	Pronounced	60	B	Willows	Reindeer Moss	Good	Rocky			
1307418	CAL	7	525303	7104568	BH01	Chocolate Brown	Sand	Dry	Pronounced	40	C	Willows	Reindeer Moss	Excellent	Rocky			
1307419	CAL	7	525344	7104541	BH01	Chocolate Brown	Clay	Dry	Pronounced	50	B	Alders	Reindeer Moss	Good	Rocky			
1307420	CAL	7	525400	7104623	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	80	C	Alders	Sphagnum Moss > 30cm	Good	Rocky			
1307421	CAL	7	525358	7104651	BH01	Chocolate Brown	Clay	Dry	Pronounced	50	C	Black Spruce	Reindeer Moss	Good	Rocky	Sandy		
1307422	CAL	7	525317	7104677	BH01	Chocolate Brown	Clay	Dry	Subtle Slope	80	B	Alders	Grass Cover	Good	Rocky			
1307423	CAL	7	525277	7104705	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Good	Rocky			
1307424	CAL	7	525231	7104731	BH01	Chocolate Brown	Sand	Dry	Pronounced	60	C	Alders	Leaf Cover	Good	Rocky			
1307425	CAL	7	525231	7104731	BH01	Chocolate Brown	Sand	Dry	Pronounced	60	C	Alders	Leaf Cover	Good	Rocky			1307424
1330476	CAL	7	525193	7104759	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Alders	Leaf Cover	Excellent	Rocky			
1330477	CAL	7	525150	7104788	BH01	Chocolate Brown	Sand	Dry	Pronounced	50	C	Poplar	Leaf Cover	Good	Rocky			
1330478	CAL	7	525108	7104814	BH01	Chocolate Brown	Silt	Dry	Pronounced	30	B	Poplar	Leaf Cover	Good	Rocky			
1330479	CAL	7	525065	7104843	BH01	Chocolate Brown	Sand	Dry	Pronounced	70	C	Alders	Leaf Cover	Excellent	Rocky			
1330480	CAL	7	525026	7104869	BH01	Chocolate Brown	Silt	Dry	Pronounced	30	B	Alders	Sphagnum Moss > 30cm	Good	Rocky			
1330481	CAL	7	524983	7104896	BH01	Chocolate Brown	Silt	Dry	Pronounced	40	B	Alders	Leaf Cover	Good	Rocky			
1392237	CAL	7	524344	7104836	ML01	Chocolate Brown	Sand	Dry	Pronounced	90	C	Poplar	Grass Cover	Excellent	Fine			
1392238	CAL	7	524386	7104812	ML01	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1392239	CAL	7	524426	7104785	ML01	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent				
1392240	CAL	7	524469	7104758	ML01	Reddish Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Bright Orange Rust			
1392241	CAL	7	524513	7104731	ML01	Reddish Brown	Sand	Dry	Pronounced	60	C	Poplar	Leaf Cover	Excellent	Dull Red Rust			
1392242	CAL	7	524552	7104700	ML01	Reddish Brown	Sand	Dry	Pronounced	60	C	Poplar	Leaf Cover	Excellent	Dull Red Rust			
1392243	CAL	7	524597	7104677	ML01	Reddish Brown	Sand	Dry	Pronounced	70	C	Poplar	Leaf Cover	Excellent	Dull Red Rust			
1392244	CAL	7	524640	7104647	ML01	Reddish Brown	Sand	Dry	Pronounced	90	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Dull Red Rust			
1392245	CAL	7	524676	7104619	ML01	Dark Brown	Silt	Damp	Flat	70	C	Dwarf Birch	Thin Moss Cover	Good	Possible Creek Contamination			
1392246	CAL	7	524719	7104593	ML01	Dark Brown	Sand	Damp	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Frozen		
1392247	CAL	7	524764	7104567	ML01	Reddish Brown	Sand	Dry	Steep	90	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Dull Red Rust			
1392248	CAL	7	524806	7104537	ML01	Dark Brown	Sand	Damp	Pronounced	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Frozen		
1392249	CAL	7	524847	7104512	ML01	Dark Brown	Silt	Damp	Pronounced	90	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Clay	Frozen		
1392250	CAL	7	524888	7104486	ML01	Dark Brown	Sand	Wet	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1298426	CAL	7	524930	7104455	ML01	Chocolate Brown	Sand	Dry	Pronounced	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust			
1298427	CAL	7	524971	7104427	ML01	Reddish Brown	Sand	Dry	Pronounced	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Dull Red Rust			
1298428	CAL	7	525016	7104400	ML01	Dark Brown	Sand	Dry	Pronounced	80	C	White Spruce	Thin Moss Cover	Excellent	Fine			
1298429	CAL	7	525055	7104373	ML01	Reddish Brown	Sand	Dry	Pronounced	80	C	Poplar	Thin Moss Cover	Excellent	Fine			
1298430	CAL	7	525097	7104345	ML01	Chocolate Brown	Sand	Dry	Pronounced	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1298431	CAL	7	525141	7104318	ML01	Dark Brown	Sand	Dry	Pronounced	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent				
1298432	CAL	7	525184	7104288	ML01	Chocolate Brown	Sand	Dry	Pronounced	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Dull Red Rust			
1298433	CAL	7	525236	7104372	ML01	Chocolate Brown	Sand	Dry	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1298434	CAL	7	525195	7104407	ML01	Chocolate Brown	Sand	Dry	Pronounced	90	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent				
1298435	CAL	7	525151	7104435	ML01	Dark Brown	Sand	Damp	Pronounced	90	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1298436	CAL	7	525118	7104469	ML01	Chocolate Brown	Sand	Dry	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1298437	CAL	7	525076	7104500	ML01	Chocolate Brown	Sand	Dry	Pronounced	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent				

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1298438	CAL	7	525040	7104536	ML01	Chocolate Brown	Sand	Dry	Pronounced	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1298439	CAL	7	525000	7104564	ML01	Chocolate Brown	Sand	Dry	Steep	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent				
1298440	CAL	7	524961	7104598	ML01	Dark Brown	Sand	Wet	Pronounced	90	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1298441	CAL	7	524920	7104628	ML01	Reddish Orange	Sand	Damp	Pronounced	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust			
1298442	CAL	7	524880	7104657	ML01	Reddish Orange	Sand	Dry	Pronounced	70	C	Poplar	Leaf Cover	Excellent	Bright Orange Rust			
1298443	CAL	7	524842	7104689	ML01	Reddish Orange	Sand	Dry	Steep	90	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust			
1298285	CAL	7	525290	7104456	PS01	Chocolate Brown	Silt	Damp	Pronounced	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1298286	CAL	7	525249	7104482	PS01	Chocolate Brown	Silt	Damp	Pronounced	40	B	Dwarf Birch	Thin Moss Cover	Good	Coarse			
1298287	CAL	7	525208	7104510	PS01	Chocolate Brown	Clay	Damp	Pronounced	80	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy			
1298288	CAL	7	525166	7104538	PS01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Bare Soil	Excellent				
1298289	CAL	7	525124	7104565	PS01	Chocolate Brown	Silt	Wet	Pronounced	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy	Mud		
1298290	CAL	7	525081	7104592	PS01	Chocolate Brown	Silt	Wet	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen		
1298291	CAL	7	525038	7104621	PS01	Chocolate Brown	Sand	Wet	Pronounced	80	C	Black Spruce	Bare Soil	Excellent	Fine	Mud		
1298292	CAL	7	524997	7104647	PS01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Reindeer Moss	Excellent	Fine	Dull Red Rust		
1298293	CAL	7	524956	7104675	PS01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Reindeer Moss	Excellent	Rusty Rock Chip			
1298294	CAL	7	524914	7104703	PS01	Chocolate Brown	Clay	Damp	Subtle Slope	80	B	Black Spruce	Sphagnum Moss > 30cm	Good	Partially Frozen			
1298295	CAL	7	524872	7104729	PS01	Dark Brown	Clay	Damp	Pronounced	100	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1298296	CAL	7	524829	7104758	PS01	Chocolate Brown	Silt	Damp	Pronounced	80	B	Black Spruce	Leaf Cover	Good	Coarse			
1298297	CAL	7	524788	7104785	PS01	Chocolate Brown	Sand	Damp	Pronounced	90	C	Black Spruce	Reindeer Moss	Excellent	Bright Orange Rust	Rusty Rock Chip		
1298298	CAL	7	524720	7104814	PS01	Chocolate Brown	Clay	Damp	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse		moved away from cree	
1298299	CAL	7	524705	7104839	PS01	Chocolate Brown	Silt	Damp	Pronounced	30	B	Birch Forest	Sphagnum Moss < 30cm	Good	Clay	Bright Orange Rust		
1298300	CAL	7	524663	7104865	PS01	Chocolate Brown	Silt	Damp	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rusty Rock Chip			
1298226	CAL	7	524621	7104895	PS01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Leaf Cover	Excellent	Bright Orange Rust			
1298227	CAL	7	524580	7104922	PS01	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1298228	CAL	7	524537	7104950	PS01	Chocolate Brown	Silt	Damp	Pronounced	60	B	Black Spruce	Reindeer Moss	Good	Coarse			
1298229	CAL	7	524497	7104976	PS01	Chocolate Brown	Silt	Damp	Pronounced	70	B	Black Spruce	Reindeer Moss	Good	Coarse	Rusty Rock Chip		
1298230	CAL	7	524453	7105005	PS01	Chocolate Brown	Silt	Damp	Pronounced	80	B	Black Spruce	Leaf Cover	Good	Coarse	Rusty Rock Chip		
1298231	CAL	7	524399	7104920	PS01	Chocolate Brown	Sand	Damp	Pronounced	60	B	Black Spruce	Bare Soil	Excellent	Fine	Rusty Rock Chip		
1298232	CAL	7	524440	7104893	PS01	Chocolate Brown	Silt	Damp	Pronounced	90	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Dull Red Rust		
1298233	CAL	7	524481	7104867	PS01	Chocolate Brown	Silt	Damp	Pronounced	50	B	Black Spruce	Reindeer Moss	Good				
1298234	CAL	7	524523	7104839	PS01	Chocolate Brown	Silt	Damp	Pronounced	30	B	Poplar	Leaf Cover	Good	Sandy			
1298235	CAL	7	524566	7104812	PS01	Chocolate Brown	Silt	Damp	Pronounced	50	B	Black Spruce	Reindeer Moss	Good	Coarse			
1298236	CAL	7	524607	7104785	PS01	Chocolate Brown	Silt	Damp	Pronounced	60	B	Black Spruce	Bare Soil	Good	Coarse			
1298237	CAL	7	524651	7104754	PS01	Chocolate Brown	Silt	Damp	Pronounced	70	B	Alders	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Rusty Rock Chip		
1298238	CAL	7	524692	7104728	PS01	Chocolate Brown	Silt	Damp	Pronounced	70	B	Alders	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1298239	CAL	7	524724	7104708	PS01	Chocolate Brown	Sand	Damp	Subtle Slope	90	C	Willows	Sphagnum Moss < 30cm	Excellent	Fine	Bright Or. I	moved away from cree	
1298240	CAL	7	524775	7104674	PS01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust			
1352622	CAL	7	525016	7104039	WW01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Good				
1352623	CAL	7	524978	7104065	WW01	Chocolate Brown	Sand	Wet	Pronounced	90	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse			
1338776	CAL	7	524935	7104092	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse			
1338777	CAL	7	524893	7104119	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse			
1338778	CAL	7	524852	7104147	WW01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Leaf Cover	Good	Coarse			
1338779	CAL	7	524809	7104174	WW01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Birch Forest	Leaf Cover	Good	Coarse			
1338780	CAL	7	524766	7104201	WW01	Chocolate Brown	Sand	Wet	Subtle Slope	90	B	Alders	Leaf Cover	Poor				
1338781	CAL	7	524725	7104228	WW01	Chocolate Brown	Sand	Wet	Pronounced	80	C	Alders	Leaf Cover	Good				
1338782	CAL	7	524683	7104256	WW01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Birch Forest	Leaf Cover	Excellent	Coarse			
1338783	CAL	7	524642	7104284	WW01	Chocolate Brown	Sand	Damp	Pronounced	90	C	Black Spruce	Leaf Cover	Good	Fine			
1338784	CAL	7	524600	7104311	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	90	C	Black Spruce	Leaf Cover	Excellent	Fine			
1338785	CAL	7	524557	7104338	WW01	Reddish Brown	Sand	Damp	Pronounced	100	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1338786	CAL	7	524474	7104393	WW01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Leaf Cover	Good	Coarse			
1338787	CAL	7	524432	7104421	WW01	Chocolate Brown	Sand	Dry	Pronounced	60	C	Poplar	Leaf Cover	Good	Fine			
1338788	CAL	7	524390	7104448	WW01	Reddish Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1338789	CAL	7	524348	7104475	WW01	Reddish Yellow	Sand	Damp	Subtle Slope	50	C	Black Spruce	Leaf Cover	Excellent	Coarse			
1338790	CAL	7	524306	7104503	WW01	Reddish Brown	Sand	Damp	Pronounced	100	C	White Spruce	Leaf Cover	Good	Fine			
1338791	CAL	7	524265	7104530	WW01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Poplar	Leaf Cover	Good	Coarse			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1338792	CAL	7	524222	7104557	WW01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Black Spruce	Leaf Cover	Good	Fine			
1338793	CAL	7	524193	7104571	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	90	B	Black Spruce	Sphagnum Moss > 30cm	Good			off course to avoid soi	
1338794	CAL	7	524234	7104669	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Fine			
1338795	CAL	7	524275	7104643	WW01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Black Spruce	Leaf Cover	Excellent	Coarse			
1338796	CAL	7	524317	7104616	WW01	Reddish Brown	Sand	Damp	Pronounced	70	C	White Spruce	Leaf Cover	Excellent	Coarse			
1338797	CAL	7	524360	7104588	WW01	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse			
1338798	CAL	7	524401	7104560	WW01	Reddish Brown	Sand	Damp	Pronounced	60	C	Black Spruce	Leaf Cover	Excellent	Coarse			
1338799	CAL	7	524443	7104533	WW01	Reddish Orange	Sand	Damp	Pronounced	80	C	Black Spruce	Leaf Cover	Excellent	Coarse			
1352624	CAL	7	524485	7104506	WW01	Chocolate Brown	Sand	Damp	Pronounced	70	C	White Spruce	Leaf Cover	Excellent	Coarse			
1352625	CAL	7	524485	7104506	WW01	Chocolate Brown	Sand	Damp	Pronounced	60	C	White Spruce	Leaf Cover	Excellent	Coarse			1352624
1338800	CAL	7	524527	7104478	WW01	Chocolate Brown	Sand	Damp	Pronounced	80	C	Birch Forest	Leaf Cover	Good	Fine			
1338752	CAL	7	524568	7104450	WW01	Chocolate Brown	Sand	Wet	Subtle Slope	70	C	Willows	Sphagnum Moss < 30cm	Good	Possible Creek Contamination			
1338753	CAL	7	524611	7104424	WW01	Chocolate Brown	Sand	Wet	Steep	60	B	Black Spruce	Sphagnum Moss > 30cm	Good	Partially Frozen			
1393447	CAL	7	524289	7104752	YV01	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good	Sandy			
1393448	CAL	7	524330	7104725	YV01	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Sandy	Coarse		
1316552	CAL	7	524371	7104699	YV01	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1316553	CAL	7	524414	7104671	YV01	Reddish Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1316554	CAL	7	524454	7104644	YV01	Reddish Brown	Sand	Damp	Pronounced	50	C	Poplar	Leaf Cover	Excellent	Coarse			
1316555	CAL	7	524498	7104616	YV01	Chocolate Brown	Sand	Dry	Pronounced	40	C	Poplar	Sphagnum Moss < 30cm	Good	Fine			
1316556	CAL	7	524539	7104589	YV01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse			
1316557	CAL	7	524582	7104561	YV01	Dark Brown	Silt	Damp	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	Bright Orange Rust		
1316558	CAL	7	524623	7104549	YV01	Dark Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	Possible C pyrite		
1316559	CAL	7	524665	7104507	YV01	Dark Brown	Silt	Damp	Pronounced	40	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen			
1316560	CAL	7	524706	7104480	YV01	Dark Brown	Silt	Damp	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1316561	CAL	7	524750	7104452	YV01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1316562	CAL	7	524790	7104425	YV01	Chocolate Brown	Sand	Wet	Pronounced	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1316563	CAL	7	524832	7104398	YV01	Dark Brown	Silt	Damp	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1316564	CAL	7	524875	7104370	YV01	Chocolate Brown	Silt	Damp	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1316565	CAL	7	524915	7104343	YV01	Chocolate Brown	Silt	Damp	Pronounced	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1316566	CAL	7	524959	7104316	YV01	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1316567	CAL	7	525000	7104288	YV01	Dark Brown	Silt	Damp	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1316568	CAL	7	525041	7104261	YV01	Dark Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1316569	CAL	7	525084	7104233	YV01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good	Sandy			
1316570	CAL	7	525126	7104206	YV01	Dark Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1316571	CAL	7	525072	7104121	YV01	Chocolate Brown	Silt	Dry	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1316572	CAL	7	525030	7104149	YV01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips		
1316573	CAL	7	524990	7104175	YV01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1316574	CAL	7	524946	7104203	YV01	Chocolate Brown	Silt	Damp	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1316575	CAL	7	524946	7104203	YV01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			1316574
1353052	CAL	7	524905	7104231	YV01	Dark Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1353053	CAL	7	524863	7104257	YV01	Chocolate Brown	Clay	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1353054	CAL	7	524820	7104286	YV01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1353055	CAL	7	524780	7104313	YV01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1393449	CAL	7	524738	7104340	YV01	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Dull Red Rust		
1353056	CAL	7	524695	7104367	YV01	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1353057	CAL	7	524653	7104395	YV01	Chocolate Brown	Silt	Damp	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	Partially Frozen		
1330482	CAL	7	525458	7104707	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Willows	Reindeer Moss	Good	Rocky			
1330483	CAL	7	525417	7104736	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Alders	Reindeer Moss	Good	Rocky			
1330484	CAL	7	525372	7104759	BH01	Dark Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1330485	CAL	7	525332	7104789	BH01	Chocolate Brown	Clay	Dry	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Good	Rocky			
1330486	CAL	7	525288	7104816	BH01	Chocolate Brown	Clay	Dry	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Rocky			
1330487	CAL	7	525245	7104842	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Willows	Reindeer Moss	Good	Rocky			
1330488	CAL	7	525204	7104873	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Willows	Reindeer Moss	Good	Rocky			
1330489	CAL	7	525163	7104899	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Alders	Reindeer Moss	Good	Rocky			
1330490	CAL	7	525121	7104925	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Rocky			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1330491	CAL	7	525078	7104953	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Excellent	Rocky			
1330492	CAL	7	525038	7104980	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Good	Rocky			
1330493	CAL	7	524996	7105007	BH01	Dark Brown	Silt	Dry	Subtle Slope	60	B	Alders	Reindeer Moss	Good	Rocky			
1330494	CAL	7	524951	7105034	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Good	Rocky			
1330495	CAL	7	524912	7105063	BH01	Chocolate Brown	Sand	Dry	Pronounced	40	C	Birch Forest	Reindeer Moss	Good	Rocky			
1330496	CAL	7	524870	7105094	BH01	Dark Brown	Silt	Wet	Subtle Slope	60	B	Willows	Reindeer Moss	Poor	Mud	Organic 25%		
1330497	CAL	7	524826	7105121	BH01	Chocolate Brown	Clay	Dry	Pronounced	60	C	Black Spruce	Reindeer Moss	Good	Rocky			
1330498	CAL	7	524788	7105143	BH01	Chocolate Brown	Clay	Dry	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Rocky			
1330499	CAL	7	524743	7105173	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1330500	CAL	7	524702	7105200	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Willows	Reindeer Moss	Poor	Mud	Quartz Chips		
1338802	CAL	7	524662	7105227	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	80	B	Willows	Reindeer Moss	Good	Mud	Rocky		
1338803	CAL	7	524616	7105254	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Good	Rocky			
1338804	CAL	7	524563	7105173	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Black Spruce	Reindeer Moss	Good	Rocky			
1338805	CAL	7	524602	7105145	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Good	Mud	Rocky		
1338806	CAL	7	524644	7105118	BH01	Chocolate Brown	Clay	Dry	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Good	Rocky			
1338807	CAL	7	524687	7105090	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Rocky			
1338808	CAL	7	524729	7105062	BH01	Chocolate Brown	Clay	Dry	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Rocky			
1338809	CAL	7	524772	7105035	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Rocky			
1338810	CAL	7	524813	7105009	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Willows	Reindeer Moss	Poor	Partially Frozen	Possible Creek Contamination		
1338811	CAL	7	524854	7104980	BH01	Chocolate Brown	Clay	Dry	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Rocky			
1338812	CAL	7	524894	7104953	BH01	Chocolate Brown	Silt	Dry	Pronounced	30	B	Birch Forest	Reindeer Moss	Poor	Rocky Terrain	Organic 10%		
1338813	CAL	7	524939	7104924	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Black Spruce	Reindeer Moss	Excellent	Rocky			
1337014	NIN	7	518656	7103773	HB03	Greyish Green	Silt	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337015	NIN	7	518618	7103802	HB03	Greyish Green	Silt	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337016	NIN	7	518575	7103830	HB03	Grey	Silt	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337017	NIN	7	518535	7103858	HB03	Light Brown	Silt	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337018	NIN	7	518493	7103885	HB03	Light Brown	Silt	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Fine			
1337019	NIN	7	518450	7103913	HB03	Light Brown	Silt	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Outcrop Nearby		
1337020	NIN	7	518410	7103942	HB03	Light Brown	Silt	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Outcrop Nearby		
1337021	NIN	7	518368	7103969	HB03	Light Grey	Silt	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Outcrop Nearby		
1337022	NIN	7	518326	7103998	HB03	Dark Olivine Green	Sand	Damp	Pronounced	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337023	NIN	7	518286	7104026	HB03	Greyish Green	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337024	NIN	7	518243	7104054	HB03	Light Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337025	NIN	7	518203	7104082	HB03	Dark Olivine Green	Silt	Damp	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Good	Fine			
1337026	NIN	7	518203	7104082	HB03	Dark Olivine Green	Silt	Damp	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Good	Fine			1337025
1337002	NIN	7	518147	7103999	HB03	Greyish Green	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337003	NIN	7	518186	7103973	HB03	Greyish Green	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss > 30cm	Excellent	Fine			
1337004	NIN	7	518227	7103944	HB03	Greyish Green	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Mud	Fine		
1337005	NIN	7	518270	7103916	HB03	Greyish Green	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1337006	NIN	7	518310	7103888	HB03	Greyish Green	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1337007	NIN	7	518353	7103861	HB03	Greyish Green	Gravel	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse			
1337008	NIN	7	518393	7103832	HB03	Greyish Green	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse			
1337009	NIN	7	518436	7103804	HB03	Dark Olivine Green	Silt	Damp	Subtle Slope	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337010	NIN	7	518477	7103776	HB03	Light Brown	Silt	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337011	NIN	7	518519	7103747	HB03	Light Brown	Silt	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse			
1337012	NIN	7	518559	7103720	HB03	Chocolate Brown	Gravel	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse			
1337013	NIN	7	518601	7103692	HB03	Light Brown	Silt	Damp	Subtle Slope	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1336502	NIN	7	518769	7103940	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336503	NIN	7	518730	7103967	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336504	NIN	7	518688	7103995	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336505	NIN	7	518647	7104023	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336506	NIN	7	518605	7104051	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336507	NIN	7	518564	7104079	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336508	NIN	7	518522	7104108	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336509	NIN	7	518480	7104136	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1336510	NIN	7	518440	7104163	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336511	NIN	7	518398	7104191	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	80	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336512	NIN	7	518355	7104218	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Bright Ora	roc	
1336513	NIN	7	518314	7104248	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Rocky		
1336514	NIN	7	518370	7104331	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	100	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Dull Red Rust		
1336515	NIN	7	518411	7104303	KB01	Dark Blue Black	Sand	Dry	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336516	NIN	7	518452	7104274	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Rocky	rus l l	
1336517	NIN	7	518495	7104247	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336518	NIN	7	518537	7104219	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Dull Red Rust		
1336519	NIN	7	518577	7104189	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336520	NIN	7	518619	7104162	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336521	NIN	7	518659	7104135	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336522	NIN	7	518702	7104106	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Bright Ora	roc	
1336523	NIN	7	518745	7104078	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Dull Red Rust		
1336524	NIN	7	518785	7104049	KB01	Chocolate Brown	Sand	Dry	Pronounced	110	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Dull Red Rust		
1336525	NIN	7	518785	7104049	KB01	Chocolate Brown	Sand	Dry	Pronounced	110	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Dull Red Rust		1336524
1336526	NIN	7	518826	7104021	KB01	Chocolate Brown	Sand	Dry	Pronounced	110	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Dull Red Rust		
1336527	NIN	7	518880	7104105	KB01	Chocolate Brown	Sand	Dry	Pronounced	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Dull Red Rust		
1336528	NIN	7	518842	7104132	KB01	Chocolate Brown	Sand	Dry	Pronounced	80	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Dull Red Rust		
1336529	NIN	7	518799	7104162	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336530	NIN	7	518757	7104187	KB01	Chocolate Brown	Sand	Dry	Pronounced	80	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Bright Orange Rust		
1337027	NIN	7	518547	7103608	HB03	Chocolate Brown	Sand	Damp	Pronounced	90	C	Alders	Reindeer Moss	Excellent	Fine			
1337028	NIN	7	518507	7103636	HB03	Light Brown	Sand	Damp	Pronounced	70	C	Alders	Leaf Cover	Excellent	Fine			
1337029	NIN	7	518464	7103664	HB03	Light Brown	Sand	Damp	Pronounced	50	C	Poplar	Leaf Cover	Excellent	Fine			
1337030	NIN	7	518423	7103692	HB03	Light Brown	Sand	Damp	Pronounced	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337031	NIN	7	518382	7103720	HB03	Light Brown	Sand	Damp	Pronounced	100	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337032	NIN	7	518340	7103748	HB03	Chocolate Brown	Sand	Damp	Flat	100	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337033	NIN	7	518298	7103776	HB03	Light Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse			
1337034	NIN	7	518257	7103804	HB03	Light Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Fine			
1337035	NIN	7	518215	7103832	HB03	Dark Olivine Green	Sand	Damp	Pronounced	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine			
1337036	NIN	7	518173	7103860	HB03	Light Brown	Sand	Damp	Subtle Slope	100	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse			
1337037	NIN	7	518132	7103887	HB03	Greyish Green	Sand	Damp	Subtle Slope	90	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337038	NIN	7	518090	7103916	HB03	Light Brown	Sand	Damp	Subtle Slope	100	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse			
1336531	NIN	7	518715	7104217	KB01	Chocolate Brown	Sand	Dry	Pronounced	100	C	Dwarf Birch	Reindeer Moss	Good	Fine	Bright Orange Rust		
1336532	NIN	7	518676	7104248	KB01	Chocolate Brown	Sand	Dry	Pronounced	80	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Dull Red Rust		
1336533	NIN	7	518633	7104273	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Dull Red Rust		
1336534	NIN	7	518592	7104303	KB01	Chocolate Brown	Sand	Dry	Pronounced	100	B	Dwarf Birch	Reindeer Moss	Good	Fine			
1336535	NIN	7	518550	7104331	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Dwarf Birch	Reindeer Moss	Good	Fine	Dull Red Rust		
1336536	NIN	7	518509	7104357	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Dwarf Birch	Reindeer Moss	Good	Fine	Rocky		
1336537	NIN	7	518467	7104387	KB01	Chocolate Brown	Sand	Dry	Pronounced	100	B	Dwarf Birch	Reindeer Moss	Good	Fine	Quartz Chips		
1336538	NIN	7	518425	7104414	KB01	Chocolate Brown	Sand	Dry	Pronounced	80	B	Dwarf Birch	Reindeer Moss	Good	Fine		gre l	
1336775	NIN	7	516781	7103843	ML01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust	Coarse		1336774
1336752	NIN	7	518715	7103857	MT02	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336753	NIN	7	518674	7103886	MT02	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336754	NIN	7	518632	7103913	MT02	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336755	NIN	7	518591	7103943	MT02	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336756	NIN	7	518549	7103970	MT02	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1336757	NIN	7	518507	7103997	MT02	Dark Brown	Sand	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Rocky		
1336758	NIN	7	518466	7104026	MT02	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Fine		
1336759	NIN	7	518425	7104053	MT02	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky Terrain	Outcrop Nearby		
1336760	NIN	7	518383	7104080	MT02	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Rocky		
1336761	NIN	7	518341	7104110	MT02	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Rocky		
1336763	NIN	7	518257	7104166	MT02	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Rocky		
1370798	NIN	7	518384	7104441	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Dwarf Birch	Reindeer Moss	Good	Organic 10%	Rocky		
1370799	NIN	7	518345	7104469	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Dwarf Birch	Reindeer Moss	Good	Rocky Sample			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1370800	NIN	7	518303	7104496	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1370852	NIN	7	518261	7104524	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	80	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1370853	NIN	7	518219	7104553	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Dwarf Birch	Reindeer Moss	Good	Organic 10%	Rocky Terrain		
1370854	NIN	7	518178	7104581	BH01	Chocolate Brown	Silt	Dry	Flat	40	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1370855	NIN	7	518137	7104608	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	60	B	Dwarf Birch	Reindeer Moss	Good	Rocky Terrain	Small Sample		
1370856	NIN	7	518095	7104636	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	80	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1370857	NIN	7	518053	7104664	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1370858	NIN	7	518012	7104693	BH01	Chocolate Brown	Silt	Dry	Pronounced	70	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1370859	NIN	7	517971	7104720	BH01	Chocolate Brown	Silt	Dry	Pronounced	60	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1370860	NIN	7	517929	7104748	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Mud	Rocky		
1370861	NIN	7	517887	7104777	BH01	Chocolate Brown	Silt	Wet	Subtle Slope	90	B	Black Spruce	Thin Moss Cover	Poor	Mud	Rocky		
1370862	NIN	7	517846	7104804	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Organic 10%	Rocky Sample		
1370863	NIN	7	517804	7104832	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Willows	Leaf Cover	Good	Rocky			
1370864	NIN	7	517762	7104859	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen		
1370865	NIN	7	517721	7104889	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Willows	Thin Moss Cover	Good	Organic 10%	Partially Frozen		
1370866	NIN	7	517679	7104917	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	100	B	Black Spruce	Bare Soil	Good	Rocky			
1370867	NIN	7	517638	7104945	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Organic 25%	Partially Fr	small	
1370868	NIN	7	517598	7104973	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen		
1370869	NIN	7	517556	7105001	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss > 30cm	Good	Organic 10%	Rocky		
1370870	NIN	7	517500	7104917	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Leaf Cover	Good	Organic 10%	Rocky		
1370871	NIN	7	517539	7104890	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen		
1370872	NIN	7	517582	7104861	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Good	Partially Frozen			
1370873	NIN	7	517622	7104834	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1393302	NIN	7	517666	7104807	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Good	Organic 10%	Frozen		
1393303	NIN	7	517706	7104777	BH01	Chocolate Brown	Gravel	Wet	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Organic 10%	Rocky Sample		
1393304	NIN	7	517747	7104750	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Alders	Bare Soil	Poor	Mud	Partially Frozen		
1393305	NIN	7	517790	7104724	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Good	Partially Frozen			
1393306	NIN	7	517830	7104694	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Poor	Organic 10%	Partially Frozen		
1393307	NIN	7	517872	7104666	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Grass Cover	Poor	Organic 10%	Partially Fr	small	
1370874	NIN	7	517913	7104638	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Poplar	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen		
1370875	NIN	7	517913	7104638	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Poplar	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen		1370874
1285451	NIN	7	518327	7104358	EB02	Dark Brown	Silt	Damp	Pronounced	60	B	Black Spruce	Reindeer Moss	Good	Sandy	Coarse		
1285452	NIN	7	518290	7104386	EB02	Dark Brown	Sand	Damp	Pronounced	70	B	Black Spruce	Reindeer Moss	Good	Rocky			
1285455	NIN	7	518162	7104470	EB02	Dark Brown	Sand	Damp	Flat	50	B	Subalpine Fir	Reindeer Moss	Good	Fine			
1285457	NIN	7	518122	7104498	EB02	Dark Brown	Sand	Damp	Pronounced	70	B	Subalpine Fir	Reindeer Moss	Good	Coarse			
1285459	NIN	7	518037	7104555	EB02	Dark Grey Black	Silt	Damp	Pronounced	70	B	Subalpine Fir	Reindeer Moss	Good	Coarse			
1285461	NIN	7	517959	7104613	EB02	Dark Grey Black	Clay	Damp	Pronounced	70	B	Subalpine Fir	Reindeer Moss	Poor			sample 10m perp off li	
1285463	NIN	7	517485	7104808	EB02	Dark Grey Black	Silt	Wet	Subtle Slope	100	B	Subalpine Fir	Reindeer Moss	Poor	Mud		possible contaminatio	
1285465	NIN	7	517567	7104754	EB02	Dark Grey Black	Clay	Damp	Pronounced	70	B	Subalpine Fir	Reindeer Moss	Poor				
1285467	NIN	7	517646	7104695	EB02	Dark Brown	Sand	Damp	Pronounced	70	B	Subalpine Fir	Reindeer Moss	Poor	Clay			
1285469	NIN	7	517729	7104638	EB02	Dark Brown	Sand	Damp	Pronounced	100	B	Subalpine Fir	Reindeer Moss	Good				
1285470	NIN	7	517816	7104584	EB02	Dark Brown	Sand	Damp	Pronounced	100	B	Subalpine Fir	Reindeer Moss	Good	Coarse			
1285472	NIN	7	517900	7104526	EB02	Dark Brown	Sand	Damp	Pronounced	70	B	Subalpine Fir	Reindeer Moss	Good				
1285474	NIN	7	517985	7104470	EB02	Chocolate Brown	Silt	Damp	Pronounced	60	B	No Tree Cover	Reindeer Moss	Good	Rocky			
1285475	NIN	7	517985	7104470	EB02	Chocolate Brown	Silt	Damp	Pronounced	60	B	No Tree Cover	Reindeer Moss	Good	Rocky			1285474
1317902	NIN	7	518066	7104415	EB02	Dark Brown	Sand	Dry	Subtle Slope	40	B	Subalpine Fir	Reindeer Moss	Good				
1317904	NIN	7	518148	7104361	EB02	Dark Brown	Silt	Dry	Subtle Slope	70	B	Subalpine Fir	Reindeer Moss	Good				
1317906	NIN	7	518232	7104300	EB02	Dark Brown	Sand	Dry	Pronounced	70	C	Dwarf Birch	Reindeer Moss	Good				
1285453	NIN	7	518245	7104413	RR01	Dark Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Good	Coarse	Sandy		
1285454	NIN	7	518204	7104440	RR01	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Sandy			
1285458	NIN	7	518079	7104523	RR01	Chocolate Brown	Silt	Damp	Pronounced	50	B	No Tree Cover	Reindeer Moss	Good	Sandy	Talus		
1285460	NIN	7	517996	7104580	RR01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	No Tree Cover	Reindeer Moss	Good	Sandy	Talus		
1285464	NIN	7	517525	7104779	RR01	Dark Grey Black	Silt	Wet	Pronounced	40	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Partially Frozen			
1285462	NIN	7	517443	7104834	RR01	Dark Brown	Silt	Wet	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Frozen	Mud		
1285466	NIN	7	517693	7104667	RR01	Chocolate Brown	Silt	Damp	Pronounced	30	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Talus		

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1285468	NIN	7	517776	7104613	RR01	Chocolate Brown	Sand	Damp	Pronounced	50	B	No Tree Cover	Reindeer Moss	Good	Coarse	Organic 10%		
1285471	NIN	7	517858	7104556	RR01	Chocolate Brown	Sand	Damp	Pronounced	60	B	No Tree Cover	Reindeer Moss	Good	Coarse	Rocky		
1285473	NIN	7	517942	7104500	RR01	Dark Brown	Silt	Damp	Pronounced	60	B	No Tree Cover	Reindeer Moss	Good	Rocky			
1317901	NIN	7	518023	7104443	RR01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Reindeer Moss	Good	Coarse	Organic 10%		
1317903	NIN	7	518108	7104388	RR01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy			
1317905	NIN	7	518190	7104332	RR01	Dark Brown	Sand	Damp	Pronounced	50	C	Subalpine Fir	Reindeer Moss	Excellent	Coarse			
1317907	NIN	7	518273	7104276	RR01	Chocolate Brown	Sand	Damp	Flat	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse			
1393308	NIN	7	517994	7103861	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	70	B	Willows	Thin Moss Cover	Good	Rocky			
1393309	NIN	7	517952	7103887	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	70	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Rocky			
1393310	NIN	7	517911	7103916	BH01	Chocolate Brown	Silt	Wet	Subtle Slope	90	B	Alders	Sphagnum Moss > 30cm	Poor	Organic 25%	Mud		
1393311	NIN	7	517871	7103944	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Rocky			
1393312	NIN	7	517829	7103971	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	60	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1393313	NIN	7	517786	7104002	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	Dwarf Birch	Reindeer Moss	Good	Rocky			
1393314	NIN	7	517746	7104029	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1393315	NIN	7	517704	7104056	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1393316	NIN	7	517662	7104085	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1393317	NIN	7	517620	7104111	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Willows	Reindeer Moss	Good	Rocky			
1393318	NIN	7	517580	7104140	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Rocky			
1393319	NIN	7	517537	7104169	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	60	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1393320	NIN	7	517496	7104196	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1393321	NIN	7	517454	7104225	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1393322	NIN	7	517414	7104253	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	70	C	Dwarf Birch	Bare Soil	Good	Rocky	Rocky Terrain		
1393323	NIN	7	517372	7104282	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Willows	Sphagnum Moss > 30cm	Good	Partially Frozen	Organic 10%		
1393324	NIN	7	517331	7104308	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Willows	Sphagnum Moss > 30cm	Good	Organic 10%	Rocky		
1393325	NIN	7	517331	7104308	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Willows	Sphagnum Moss > 30cm	Good	Organic 10%	Rocky		1393324
1393326	NIN	7	517289	7104337	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen		
1393327	NIN	7	517248	7104366	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Rocky		
1393328	NIN	7	517205	7104393	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1393329	NIN	7	517165	7104420	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1393330	NIN	7	517221	7104502	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1393331	NIN	7	517301	7104448	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen		
1393332	NIN	7	517384	7104393	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Rocky		
1393333	NIN	7	517467	7104337	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	60	B	Willows	Reindeer Moss	Good	Organic 25%	Rocky		
1393334	NIN	7	517550	7104281	BH01	Chocolate Brown	Silt	Dry	Pronounced	20	C	Black Spruce	Bare Soil	Good	Rocky			
1393335	NIN	7	517632	7104224	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Dwarf Birch	Leaf Cover	Good	Rocky			
1393336	NIN	7	517717	7104169	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Willows	Thin Moss Cover	Good	Rocky			
1393337	NIN	7	517798	7104112	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	70	B	Birch Forest	Thin Moss Cover	Good	Rocky			
1393338	NIN	7	517883	7104056	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Rocky			
1393339	NIN	7	517966	7104001	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1393340	NIN	7	518049	7103945	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	80	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1393341	NIN	7	518007	7103971	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	90	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1393342	NIN	7	517924	7104029	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	60	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1393343	NIN	7	517841	7104085	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1393344	NIN	7	517758	7104142	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	60	B	Dwarf Birch	Leaf Cover	Good	Rocky			
1267452	NIN	7	518105	7104029	DB02	Light Brown	Sand	Dry	Subtle Slope	90	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine			
1267453	NIN	7	518066	7104055	DB02	Light Brown	Sand	Dry	Subtle Slope	90	C	Dwarf Birch	Bare Soil	Excellent	Fine			
1267454	NIN	7	518024	7104083	DB02	Light Brown	Sand	Dry	Subtle Slope	80	C	Dwarf Birch	Thin Moss Cover	Good	Fine			
1267455	NIN	7	517982	7104110	DB02	Light Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Fine			
1267456	NIN	7	517943	7104139	DB02	Light Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Fine			
1267457	NIN	7	517899	7104166	DB02	Light Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Fine	Rocky		
1267458	NIN	7	517859	7104194	DB02	Light Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Grass Cover	Good	Rocky			
1267459	NIN	7	517816	7104222	DB02	Light Brown	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Good	Fine	Rocky		
1267460	NIN	7	517776	7104251	DB02	Light Brown	Sand	Dry	Subtle Slope	90	C	Dwarf Birch	Thin Moss Cover	Good	Fine			
1267461	NIN	7	517733	7104277	DB02	Light Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Grass Cover	Good	Rocky			
1267462	NIN	7	517692	7104307	DB02	Light Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Reindeer Moss	Good	Fine	Rocky		

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1267463	NIN	7	517650	7104336	DB02	Light Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Reindeer Moss	Good	Rocky	Fine		
1365152	NIN	7	517609	7104363	DB02	Light Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Good	Rocky			
1365153	NIN	7	517566	7104389	DB02	Chocolate Brown	Clay	Dry	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Good	Rocky			
1365154	NIN	7	517527	7104419	DB02	Light Brown	Sand	Dry	Subtle Slope	80	C	Dwarf Birch	Thin Moss Cover	Good	Fine			
1365155	NIN	7	517484	7104448	DB02	Chocolate Brown	Clay	Dry	Subtle Slope	70	C	Dwarf Birch	Reindeer Moss	Good	Rocky			
1365156	NIN	7	517442	7104473	DB02	Light Brown	Sand	Dry	Subtle Slope	80	C	Dwarf Birch	Reindeer Moss	Good	Rocky			
1365157	NIN	7	517400	7104503	DB02	Chocolate Brown	Clay	Dry	Subtle Slope	60	C	Willows	Thin Moss Cover	Good	Rocky			
1365158	NIN	7	517359	7104532	DB02	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Good	Partially Frozen			
1365159	NIN	7	517317	7104561	DB02	Light Brown	Sand	Dry	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Frozen			
1365160	NIN	7	517276	7104586	DB02	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen			
1365161	NIN	7	517258	7104475	DB02	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1365162	NIN	7	517343	7104419	DB02	Light Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Partially Frozen			
1365163	NIN	7	517425	7104366	DB02	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Good	Rocky			
1365164	NIN	7	517506	7104309	DB02	Light Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	Rocky Sample		
1365165	NIN	7	517591	7104252	DB02	Light Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1365166	NIN	7	517675	7104194	DB02	Light Brown	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1291276	NIN	7	520482	7103321	MO01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Leaf Cover	Excellent	Coarse			
1291277	NIN	7	520524	7103295	MO01	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent			light brown	
1291278	NIN	7	520567	7103267	MO01	Bluish Grey	Sand	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse		bluish greyish brown	
1291279	NIN	7	520608	7103242	MO01	Dark Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Excellent	Coarse	Rocky		
1291280	NIN	7	520652	7103217	MO01	Light Brown	Silt	Damp	Flat	70	C	Black Spruce	Bare Soil	Excellent	Fine		close to a cat push	
1291281	NIN	7	520695	7103188	MO01	Chocolate Brown	Sand	Damp	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1291282	NIN	7	520737	7103162	MO01	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Good				
1291283	NIN	7	520779	7103135	MO01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent				
1291284	NIN	7	520822	7103107	MO01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent				
1291285	NIN	7	520864	7103083	MO01	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Black Spruce	Thin Moss Cover	Good	Rocky	Coarse		
1291286	NIN	7	520906	7103054	MO01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky		
1291287	NIN	7	520948	7103029	MO01	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Excellent	Coarse			
1291288	NIN	7	520990	7103001	MO01	Chocolate Brown	Sand	Damp	Subtle Slope	100	C	Black Spruce	Reindeer Moss	Excellent				
1291289	NIN	7	521033	7102976	MO01	Grey	Silt	Damp	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good			almost permafrost	
1291290	NIN	7	521076	7102948	MO01	Light Brown	Sand	Damp	Subtle Slope	90	C	Black Spruce	Thin Moss Cover	Excellent	Bright Orange Rust	Coarse		
1291291	NIN	7	521118	7102924	MO01	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Black Spruce	Reindeer Moss	Excellent	Coarse	Bright Orange Rust		
1291292	NIN	7	521161	7102895	MO01	Chocolate Brown	Sand	Damp	Subtle Slope	80	B	Black Spruce	Thin Moss Cover	Good			permafrost at 1m dept	
1291293	NIN	7	521213	7102980	MO01	Chocolate Brown	Sand	Damp	Subtle Slope	100	C	Black Spruce	Thin Moss Cover	Excellent	Bright Orange Rust			
1291294	NIN	7	521131	7103032	MO01	Grey	Sand	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good			pretty shytty... almost	
1379221	NIN	7	521266	7103065	RF01	Dark Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1379222	NIN	7	521141	7103145	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1379223	NIN	7	521097	7103172	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1379224	NIN	7	521055	7103198	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1379225	NIN	7	521055	7103198	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			1379224
1379226	NIN	7	521012	7103224	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen		
1379227	NIN	7	520970	7103250	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen		
1379228	NIN	7	520927	7103276	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen		
1379229	NIN	7	520884	7103305	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen		
1379230	NIN	7	520844	7103331	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1379231	NIN	7	520799	7103356	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1379232	NIN	7	520759	7103385	RF01	Light Brown	Sand	Dry	Subtle Slope	80	C	Black Spruce	Thin Moss Cover	Excellent	Coarse			
1379233	NIN	7	520715	7103409	RF01	Light Brown	Sand	Dry	Subtle Slope	80	C	Black Spruce	Thin Moss Cover	Excellent	Coarse			
1379234	NIN	7	520672	7103436	RF01	Reddish Brown	Sand	Dry	Subtle Slope	80	C	Black Spruce	Reindeer Moss	Excellent	Coarse			
1379235	NIN	7	520629	7103462	RF01	Light Brown	Sand	Dry	Subtle Slope	80	C	Black Spruce	Reindeer Moss	Good	Coarse			
1379236	NIN	7	520587	7103490	RF01	Chocolate Brown	Clay	Dry	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1379237	NIN	7	520535	7103404	RF01	Light Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1379238	NIN	7	520576	7103378	RF01	Reddish Yellow	Clay	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Coarse		partial c horizon	
1379239	NIN	7	520618	7103350	RF01	Light Brown	Clay	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse		partial c horizon	
1379240	NIN	7	520660	7103323	RF01	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1379241	NIN	7	520703	7103297	RF01	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1379242	NIN	7	520745	7103271	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen		
1379243	NIN	7	520788	7103246	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen		
1379244	NIN	7	520831	7103218	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1379245	NIN	7	520875	7103193	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1379246	NIN	7	520917	7103167	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1379247	NIN	7	520958	7103139	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1379248	NIN	7	521001	7103114	RF01	Grey	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1379249	NIN	7	521043	7103086	RF01	Grey	Clay	Damp	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1379250	NIN	7	521087	7103059	RF01	Grey	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen		
1285476	NIN	7	518160	7104110	RH01	Chocolate Brown	Sand	Dry	Subtle Slope	70	B	Alders	Reindeer Moss	Good	Rocky			
1285477	NIN	7	518121	7104137	RH01	Chocolate Brown	Sand	Dry	Subtle Slope	60	B	Alders	Reindeer Moss	Good	Rocky			
1285478	NIN	7	518079	7104165	RH01	Chocolate Brown	Silt	Damp	Subtle Slope	80	B	Alders	Reindeer Moss	Good	Sandy			
1285479	NIN	7	518037	7104194	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Alders	Reindeer Moss	Good				
1285480	NIN	7	517996	7104221	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	80	B	Alders	Reindeer Moss	Good				
1285481	NIN	7	517954	7104249	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Alders	Reindeer Moss	Good	Rocky			
1285482	NIN	7	517912	7104277	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Alders	Reindeer Moss	Good	Partially Frozen			
1285483	NIN	7	517872	7104305	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Alders	Reindeer Moss	Good	Rocky			
1285484	NIN	7	517830	7104333	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	Alders	Reindeer Moss	Good				
1285485	NIN	7	517788	7104361	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Subalpine Fir	Reindeer Moss	Good	Bright Orange Rust			
1285486	NIN	7	517747	7104389	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Subalpine Fir	Reindeer Moss	Good	Rocky	Rocky Terrain		
1285487	NIN	7	517706	7104416	RH01	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Subalpine Fir	Reindeer Moss	Good	Coarse	Rocky Terrain		
1285488	NIN	7	517664	7104446	RH01	Chocolate Brown	Gravel	Damp	Subtle Slope	50	B	Alders	Reindeer Moss	Poor	Fine	Rocky		
1285489	NIN	7	517623	7104473	RH01	Dark Grey Black	Sand	Damp	Subtle Slope	50	B	No Tree Cover	Reindeer Moss	Good	Coarse	Dull Red Rust		
1285490	NIN	7	517581	7104501	RH01	Dark Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1285491	NIN	7	517539	7104529	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1285492	NIN	7	517499	7104557	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Poor	Bright Orange Rust	Partially Frozen		
1285493	NIN	7	517456	7104585	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Alders	Reindeer Moss	Good	Partially Frozen	Bright Orange Rust		
1285494	NIN	7	517414	7104613	RH01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Poor	Frozen			
1285495	NIN	7	517373	7104641	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen			
1285496	NIN	7	517331	7104669	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen			
1285497	NIN	7	517388	7104752	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen			
1285498	NIN	7	517428	7104724	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Frozen			
1285499	NIN	7	517470	7104697	RH01	Chocolate Brown	Sand	Wet	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Poor	Bright Orange Rust	Frozen		
1285500	NIN	7	517511	7104670	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Bright Orange Rust	Partially Frozen		
1278326	NIN	7	517552	7104642	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Partially Frozen		
1278327	NIN	7	517593	7104612	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Bright Orange Rust			
1278328	NIN	7	517634	7104585	RH01	Dark Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good				
1278329	NIN	7	517677	7104557	RH01	Chocolate Brown	Sand	Damp	Pronounced	50	B	Black Spruce	Reindeer Moss	Good	Bright Orange Rust			
1278331	NIN	7	517759	7104501	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	No Tree Cover	Reindeer Moss	Good	Rocky Terrain			
1278332	NIN	7	517801	7104473	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	No Tree Cover	Reindeer Moss	Good	Rocky Terrain			
1393352	NIN	7	520153	7103170	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Black Spruce	Leaf Cover	Good	Rocky			
1393353	NIN	7	520194	7103146	BH01	Chocolate Brown	Silt	Dry	Pronounced	70	C	Black Spruce	Thin Moss Cover	Good	Rocky			
1393354	NIN	7	520236	7103117	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	80	C	Black Spruce	Sphagnum Moss > 30cm	Good	Rocky			
1393355	NIN	7	520278	7103093	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1393356	NIN	7	520321	7103066	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Good	Organic 25%	Partially Frozen		
1393357	NIN	7	520364	7103040	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1393358	NIN	7	520406	7103012	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1393359	NIN	7	520449	7102986	BH01	Chocolate Brown	Silt	Dry	Pronounced	70	C	Black Spruce	Needle Cover	Good	Rocky			
1393360	NIN	7	520491	7102959	BH01	Chocolate Brown	Silt	Dry	Pronounced	60	C	Black Spruce	Thin Moss Cover	Good	Rocky			
1393361	NIN	7	520534	7102933	BH01	Chocolate Brown	Silt	Dry	Pronounced	70	C	Poplar	Leaf Cover	Good	Rocky			
1393362	NIN	7	520576	7102907	BH01	Chocolate Brown	Silt	Dry	Pronounced	70	C	Poplar	Leaf Cover	Good	Rocky			
1393363	NIN	7	520619	7102881	BH01	Chocolate Brown	Silt	Dry	Pronounced	110	C	Poplar	Leaf Cover	Good	Rocky			
1393364	NIN	7	520662	7102853	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Good	Rocky			
1393365	NIN	7	520705	7102827	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	100	C	Black Spruce	Reindeer Moss	Good	Rocky			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1393366	NIN	7	520746	7102800	BH01	Chocolate Brown	Sand	Dry	Pronounced	90	C	Black Spruce	Reindeer Moss	Excellent				
1393367	NIN	7	520789	7102773	BH01	Dark Brown	Silt	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Frozen		
1393368	NIN	7	520831	7102746	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Excellent	Rocky			
1393369	NIN	7	520874	7102722	BH01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Excellent	Rocky			
1393370	NIN	7	520915	7102694	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Black Spruce	Needle Cover	Good	Rocky			
1393371	NIN	7	520959	7102668	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Good	Rocky			
1393372	NIN	7	521001	7102642	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Rocky			
1393373	NIN	7	520950	7102556	BH01	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Black Spruce	Thin Moss Cover	Good	Rocky			
1393374	NIN	7	520907	7102582	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Rocky		
1393375	NIN	7	520907	7102582	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Rocky		1393374
1393376	NIN	7	520865	7102608	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Rocky	Organic 10%		
1393377	NIN	7	520822	7102635	BH01	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Black Spruce	Reindeer Moss	Good	Rocky			
1393378	NIN	7	520780	7102662	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Rocky		
1393379	NIN	7	520738	7102689	BH01	Chocolate Brown	Silt	Wet	Flat	30	B	Black Spruce	Reindeer Moss	Good	Organic 25%	Partially Frozen		
1393380	NIN	7	520694	7102715	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1393381	NIN	7	520652	7102742	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Organic 25%	Partially Frozen		
1393382	NIN	7	520611	7102769	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Good	Organic 25%	Partially Frozen		
1393383	NIN	7	520567	7102795	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	80	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1393384	NIN	7	520524	7102821	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1393385	NIN	7	520441	7102874	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1369026	NIN	7	521054	7102727	DB02	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Good	Fine			
1369027	NIN	7	521015	7102752	DB02	Light Brown	Sand	Dry	Flat	60	C	Black Spruce	Bare Soil	Good	Fine			
1369028	NIN	7	520971	7102779	DB02	Light Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Reindeer Moss	Good	Rocky	Fine		
1369029	NIN	7	520929	7102809	DB02	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Excellent	Rocky	Fine		
1369030	NIN	7	520886	7102831	DB02	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Good	Partially Frozen			
1369031	NIN	7	520843	7102860	DB02	Light Brown	Sand	Dry	Pronounced	110	C	Black Spruce	Thin Moss Cover	Excellent	Fine			
1369032	NIN	7	520802	7102887	DB02	Grey	Sand	Dry	Subtle Slope	90	C	White Spruce	Grass Cover	Excellent	Fine			
1369033	NIN	7	520760	7102913	DB02	Light Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Good	Rocky			
1369034	NIN	7	520715	7102937	DB02	Light Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Good	Fine			
1369035	NIN	7	520677	7102966	DB02	Grey	Sand	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Good	Rocky			
1369036	NIN	7	520630	7102991	DB02	Light Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Good	Fine			
1369037	NIN	7	520588	7103017	DB02	Yellow	Sand	Dry	Subtle Slope	40	B	Poplar	Grass Cover	Good	Rocky			
1369038	NIN	7	520544	7103045	DB02	Yellow	Sand	Dry	Subtle Slope	30	B	Poplar	Thin Moss Cover	Good	Rocky			
1369039	NIN	7	520503	7103070	DB02	Light Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Good	Rocky			
1369040	NIN	7	520462	7103097	DB02	Light Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Thin Moss Cover	Excellent	Fine			
1369041	NIN	7	520416	7103122	DB02	Chocolate Brown	Clay	Damp	Flat	40	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1369042	NIN	7	520379	7103150	DB02	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Grass Cover	Good	Rocky			
1369043	NIN	7	520333	7103177	DB02	Chocolate Brown	Clay	Damp	Flat	60	B	Black Spruce	Thin Moss Cover	Good	Partially Frozen			
1369044	NIN	7	520290	7103202	DB02	Light Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Fine			
1369045	NIN	7	520249	7103229	DB02	Light Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Rocky			
1369046	NIN	7	520205	7103256	DB02	Light Brown	Sand	Dry	Subtle Slope	60	C	Birch Forest	Leaf Cover	Good	Fine			
1369047	NIN	7	520261	7103339	DB02	Light Brown	Sand	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Rocky			
1369048	NIN	7	520300	7103319	DB02	Light Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Rocky			
1369049	NIN	7	520344	7103290	DB02	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Good	Fine			
1369050	NIN	7	520384	7103261	DB02	Light Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Good	Fine			
1365167	NIN	7	520427	7103236	DB02	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Grass Cover	Good	Coarse			
1365168	NIN	7	520471	7103209	DB02	Light Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Grass Cover	Excellent	Fine			
1365169	NIN	7	520513	7103182	DB02	Grey	Sand	Dry	Subtle Slope	90	C	White Spruce	Reindeer Moss	Excellent	Rocky	Coarse		
1365170	NIN	7	520485	7102849	DB02	Grey	Sand	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1377702	NIN	7	517883	7104418	RF01	Chocolate Brown	Clay	Dry	Subtle Slope	50	B	Subalpine Fir	Thin Moss Cover	Good	Fine	Rocky Terrain		
1377703	NIN	7	517926	7104390	RF01	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Subalpine Fir	Thin Moss Cover	Good	Fine	Rocky Terrain		
1377704	NIN	7	517967	7104361	RF01	Light Brown	Sand	Dry	Subtle Slope	30	B	Subalpine Fir	Thin Moss Cover	Poor	Fine	Small Sample		
1377705	NIN	7	518010	7104332	RF01	Light Brown	Clay	Dry	Subtle Slope	40	B	Subalpine Fir	Thin Moss Cover	Poor	Organic 10%	Rocky Terrain		
1377706	NIN	7	518050	7104305	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	80	B	Subalpine Fir	Thin Moss Cover	Good	Coarse			
1377707	NIN	7	518091	7104277	RF01	Chocolate Brown	Clay	Dry	Subtle Slope	40	B	Subalpine Fir	Thin Moss Cover	Good	Coarse			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1377708	NIN	7	518134	7104250	RF01	Chocolate Brown	Clay	Dry	Subtle Slope	60	B	Subalpine Fir	Thin Moss Cover	Good	Coarse			
1377709	NIN	7	518174	7104220	RF01	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Coarse		partial c horizon	
1377710	NIN	7	518217	7104194	RF01	Chocolate Brown	Clay	Dry	Subtle Slope	60	B	Subalpine Fir	Thin Moss Cover	Good	Coarse			
1377711	NIN	7	521066	7102836	RF01	Reddish Yellow	Sand	Dry	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Excellent	Coarse			
1377712	NIN	7	521025	7102862	RF01	Reddish Yellow	Sand	Dry	Subtle Slope	80	C	Black Spruce	Reindeer Moss	Excellent	Coarse			
1377713	NIN	7	520979	7102889	RF01	Reddish Yellow	Sand	Dry	Subtle Slope	80	C	Black Spruce	Reindeer Moss	Excellent	Coarse			
1377714	NIN	7	520940	7102914	RF01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse			
1377715	NIN	7	520898	7102940	RF01	Reddish Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1377716	NIN	7	520809	7102994	RF01	Reddish Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Reindeer Moss	Good	Coarse			
1377717	NIN	7	520769	7103020	RF01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Good	Coarse			
1377718	NIN	7	520726	7103048	RF01	Reddish Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse			
1377719	NIN	7	520682	7103073	RF01	Reddish Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Excellent	Coarse			
1377720	NIN	7	520642	7103098	RF01	Reddish Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Excellent	Coarse			
1377721	NIN	7	520598	7103126	RF01	Reddish Yellow	Sand	Dry	Subtle Slope	80	C	Black Spruce	Reindeer Moss	Excellent	Coarse			
1377722	NIN	7	520556	7103154	RF01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse			
1377723	NIN	7	520270	7102979	RF01	Grey	Clay	Dry	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine		partial c horizon	
1377726	NIN	7	520357	7102929	RF01	Dark Grey Black	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Small Sample	Frozen		
1278333	NIN	7	520895	7102471	RH01	Dark Brown	Sand	Damp	Flat	50	B	Black Spruce	Reindeer Moss	Good	Dull Red Rust	Partially Frozen		
1278334	NIN	7	520855	7102497	RH01	Dark Brown	Sand	Damp	Flat	40	B	Black Spruce	Reindeer Moss	Good	Partially Frozen	Dull Red Rust		
1278335	NIN	7	520812	7102523	RH01	Chocolate Brown	Sand	Damp	Flat	50	B	Black Spruce	Reindeer Moss	Good	Bright Orange Rust	Partially Frozen		
1278336	NIN	7	520770	7102550	RH01	Chocolate Brown	Sand	Damp	Flat	50	B	Black Spruce	Reindeer Moss	Good	Partially Frozen	Dull Red Rust		
1278337	NIN	7	520727	7102577	RH01	Bluish Grey	Sand	Damp	Flat	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen			
1278338	NIN	7	520684	7102604	RH01													
1278339	NIN	7	520643	7102630	RH01													
1278340	NIN	7	520600	7102656	RH01	Chocolate Brown	Sand	Damp	Flat	40	B	Black Spruce	Reindeer Moss	Good	Partially Frozen	Bright Orange Rust		
1278341	NIN	7	520558	7102683	RH01	Dark Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1278342	NIN	7	520514	7102710	RH01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1278343	NIN	7	520472	7102736	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Clay	Partially Frozen		
1278344	NIN	7	520430	7102762	RH01	Bluish Grey	Sand	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Possible Creek Contamination		
1278345	NIN	7	520387	7102789	RH01	Dark Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Partially Frozen		
1278346	NIN	7	520345	7102816	RH01	Bluish Grey	Sand	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Poor	Clay	Partially Frozen		
1278347	NIN	7	520302	7102842	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Partially Frozen	Clay		
1278348	NIN	7	520260	7102869	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Clay	Partially Frozen		
1278349	NIN	7	520218	7102896	RH01	Chocolate Brown	Sand	Wet	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Excellent	Coarse	Clay		
1278350	NIN	7	520175	7102922	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Clay	Partially Frozen		
1317976	NIN	7	520133	7102948	RH01	Dark Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Poor	Partially Frozen			
1317977	NIN	7	520090	7102975	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1317978	NIN	7	520047	7103002	RH01	Chocolate Brown	Sand	Dry	Pronounced	80	C	Black Spruce	Reindeer Moss	Excellent	Coarse			
1317979	NIN	7	520100	7103087	RH01	Chocolate Brown	Sand	Dry	Pronounced	80	C	White Spruce	Reindeer Moss	Excellent	Coarse	Bright Orange Rust		
1317980	NIN	7	520141	7103062	RH01	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Partially Frozen	Bright Orange Rust		
1317981	NIN	7	520185	7103033	RH01	Chocolate Brown	Clay	Dry	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1317982	NIN	7	520226	7103007	RH01	Chocolate Brown	Sand	Damp	Pronounced	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Partially Frozen		
1317983	NIN	7	520311	7102955	RH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1317984	NIN	7	520398	7102901	RH01	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Poor	Frozen			
1336252	NIN	7	518937	7104191	JM01	Chocolate Brown	Sand	Damp	Pronounced	50	B	Willows	Sphagnum Moss < 30cm	Good	Fine	Mud		
1336253	NIN	7	518896	7104217	JM01	Chocolate Brown	Gravel	Damp	Pronounced	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky		
1336254	NIN	7	518854	7104245	JM01	Greyish Green	Gravel	Damp	Pronounced	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky		
1336255	NIN	7	518813	7104273	JM01	Chocolate Brown	Clay	Damp	Pronounced	80	C	Alders	Sphagnum Moss < 30cm	Excellent	Coarse			
1336256	NIN	7	518772	7104300	JM01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Alders	Thin Moss Cover	Excellent	Coarse	Rocky		
1336257	NIN	7	518730	7104329	JM01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Alders	Thin Moss Cover	Excellent	Coarse	Rocky		
1336258	NIN	7	518689	7104357	JM01	Chocolate Brown	Clay	Damp	Pronounced	50	C	Alders	Thin Moss Cover	Good	Coarse	Fine		
1336259	NIN	7	518647	7104385	JM01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Alders	Thin Moss Cover	Excellent	Coarse		slight rust colour	
1336260	NIN	7	518606	7104412	JM01	Chocolate Brown	Clay	Damp	Pronounced	60	C	Alders	Sphagnum Moss < 30cm	Excellent	Coarse			
1336261	NIN	7	518564	7104440	JM01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Alders	Sphagnum Moss < 30cm	Excellent	Coarse			
1336262	NIN	7	518523	7104469	JM01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Alders	Thin Moss Cover	Excellent	Fine	Rocky		

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1336263	NIN	7	518481	7104497	JM01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Alders	Thin Moss Cover	Excellent	Coarse	Rocky		
1336264	NIN	7	518440	7104525	JM01	Chocolate Brown	Sand	Damp	Pronounced	50	B	Alders	Sphagnum Moss < 30cm	Good	Fine	Rocky		
1336265	NIN	7	518398	7104554	JM01	Chocolate Brown	Clay	Damp	Pronounced	60	B	Alders	Sphagnum Moss < 30cm	Good	Rocky			
1336266	NIN	7	518356	7104580	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky		
1336267	NIN	7	518314	7104609	JM01	Chocolate Brown	Clay	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Rocky		
1336268	NIN	7	518273	7104637	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Rocky			
1336269	NIN	7	518231	7104665	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	No Tree Cover	Thin Moss Cover	Good	Rocky	Coarse		
1336539	NIN	7	518491	7103526	KB01	Chocolate Brown	Sand	Dry	Pronounced	100	B	Black Spruce	Reindeer Moss	Good	Fine	Bright Orange Rust		
1336540	NIN	7	518450	7103553	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	80	B	Poplar	Thin Moss Cover	Good				
1336541	NIN	7	518408	7103580	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	C	Birch Forest	Thin Moss Cover	Good				
1336542	NIN	7	518367	7103608	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Poplar	Sphagnum Moss < 30cm	Good	Rocky			
1336543	NIN	7	518325	7103637	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Birch Forest	Grass Cover	Good				
1336544	NIN	7	518284	7103665	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	C	Poplar	Grass Cover	Good	Rocky			
1336545	NIN	7	518242	7103692	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	C	No Tree Cover	Grass Cover	Good				
1336546	NIN	7	518201	7103721	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1336547	NIN	7	518160	7103749	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1336548	NIN	7	518118	7103777	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	90	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1336549	NIN	7	518076	7103805	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	Dwarf Birch	Sphagnum Moss < 30cm	Good				
1336550	NIN	7	518035	7103833	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	90	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1336762	NIN	7	518300	7104139	MT02													
1337039	NIN	7	516302	7104036	HB03	Light Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Fine			
1337040	NIN	7	516384	7103979	HB03	Grey	Sand	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen		
1337041	NIN	7	516468	7103924	HB03	Light Brown	Sand	Damp	Subtle Slope	50	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Frozen			
1337042	NIN	7	516550	7103868	HB03	Light Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1337043	NIN	7	516634	7103813	HB03	Light Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1337044	NIN	7	516717	7103756	HB03	Light Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1337045	NIN	7	516800	7103702	HB03	Light Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1337046	NIN	7	516884	7103645	HB03	Light Brown	Sand	Wet	Subtle Slope	70	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine			
1337047	NIN	7	516967	7103588	HB03	Light Brown	Sand	Damp	Subtle Slope	100	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Coarse			
1337048	NIN	7	517050	7103533	HB03	Light Brown	Sand	Damp	Subtle Slope	100	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1337049	NIN	7	517131	7103476	HB03	Light Brown	Sand	Damp	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine	Frozen		
1337050	NIN	7	517214	7103421	HB03	Light Brown	Sand	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1337052	NIN	7	517298	7103364	HB03	Light Brown	Sand	Damp	Pronounced	50	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Frozen			
1337053	NIN	7	517378	7103310	HB03	Chocolate Brown	Sand	Damp	Pronounced	60	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Coarse			
1337054	NIN	7	517461	7103254	HB03	Chocolate Brown	Sand	Damp	Subtle Slope	90	C	Black Spruce	Thin Moss Cover	Excellent	Fine			
1337055	NIN	7	517545	7103198	HB03	Light Brown	Sand	Damp	Pronounced	20	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain		
1337056	NIN	7	517627	7103142	HB03	Light Brown	Sand	Damp	Subtle Slope	60	C	Alders	Thin Moss Cover	Excellent	Coarse			
1337057	NIN	7	517710	7103085	HB03	Light Brown	Sand	Damp	Subtle Slope	50	C	Alders	Thin Moss Cover	Excellent	Coarse			
1337058	NIN	7	517794	7103030	HB03	Light Brown	Sand	Damp	Subtle Slope	100	C	Alders	Sphagnum Moss < 30cm	Excellent	Coarse			
1337059	NIN	7	517877	7102974	HB03	Light Brown	Sand	Damp	Pronounced	40	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine			
1337060	NIN	7	517959	7102919	HB03	Light Brown	Sand	Damp	Subtle Slope	60	C	No Tree Cover	Thin Moss Cover	Excellent	Fine			
1337061	NIN	7	518043	7102863	HB03	Light Brown	Sand	Damp	Pronounced	70	C	No Tree Cover	Thin Moss Cover	Excellent	Fine			
1336270	NIN	7	518099	7102945	JM01	Chocolate Brown	Sand	Dry	Pronounced	40	C	Poplar	Thin Moss Cover	Excellent	Coarse	Rocky		
1336271	NIN	7	518059	7102972	JM01	Chocolate Brown	Sand	Dry	Pronounced	40	C	Old Burn	Grass Cover	Excellent	Coarse	Outcrop Nearby		
1336272	NIN	7	518018	7103000	JM01	Chocolate Brown	Sand	Damp	Pronounced	110	C	Old Burn	Leaf Cover	Excellent	Coarse	Rocky		
1336273	NIN	7	517976	7103028	JM01	Chocolate Brown	Sand	Damp	Pronounced	40	C	Old Burn	Thin Moss Cover	Excellent	Coarse	Quartz Chips		
1336274	NIN	7	517936	7103056	JM01	Chocolate Brown	Sand	Dry	Pronounced	50	C	Old Burn	Thin Moss Cover	Excellent	Coarse	Rocky		
1336275	NIN	7	517936	7103056	JM01	Chocolate Brown	Sand	Dry	Pronounced	50	C	Old Burn	Thin Moss Cover	Excellent	Coarse	Rocky		1336274
1336276	NIN	7	517892	7103085	JM01	Chocolate Brown	Sand	Dry	Pronounced	40	C	Old Burn	Thin Moss Cover	Excellent	Coarse	Rocky		
1336277	NIN	7	517851	7103112	JM01	Dark Brown	Clay	Damp	Pronounced	70	B	Old Burn	Thin Moss Cover	Good	Bright Orange Rust	Rocky		
1336278	NIN	7	517809	7103140	JM01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Old Burn	Thin Moss Cover	Excellent	Coarse			
1336279	NIN	7	517768	7103168	JM01	Dark Brown	Sand	Damp	Subtle Slope	70	C	Old Burn	Thin Moss Cover	Excellent	Coarse			
1336280	NIN	7	517726	7103197	JM01	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Thin Moss Cover	Excellent	Fine	Rocky		
1336281	NIN	7	517685	7103224	JM01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Thin Moss Cover	Excellent	Fine	Rocky		
1336282	NIN	7	517645	7103252	JM01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Old Burn	Thin Moss Cover	Excellent	Fine	Rocky		

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1336283	NIN	7	517602	7103280	JM01	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Thin Moss Cover	Excellent	Fine	Rocky		
1336284	NIN	7	517562	7103309	JM01	Dark Brown	Sand	Damp	Flat	50	C	Old Burn	Thin Moss Cover	Excellent	Coarse	Rocky		
1336285	NIN	7	517520	7103336	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	80	C	Willows	Thin Moss Cover	Excellent	Fine	Rocky		
1336286	NIN	7	517479	7103365	JM01	Dark Brown	Clay	Damp	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336287	NIN	7	517436	7103393	JM01	Dark Brown	Clay	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky		
1336288	NIN	7	517395	7103420	JM01	Dark Brown	Clay	Damp	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Fine		
1336289	NIN	7	517354	7103449	JM01	Dark Brown	Clay	Wet	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1336290	NIN	7	517312	7103476	JM01	Dark Brown	Clay	Damp	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Mud		
1336552	NIN	7	516343	7104008	KB01	Dark Brown	Sand	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Dull Red Rust	Partially Frozen		
1336553	NIN	7	516425	7103953	KB01	Dark Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1336554	NIN	7	516509	7103896	KB01	Dark Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Organic 10%		
1336555	NIN	7	516591	7103841	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1336556	NIN	7	516675	7103784	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1336557	NIN	7	516757	7103728	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Good	Bright Orange Rust	Rusty Rock Chip		
1336558	NIN	7	516841	7103672	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1336559	NIN	7	516924	7103616	KB01	Dark Brown	Sand	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Frozen		
1336563	NIN	7	517254	7103394	KB01	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1336564	NIN	7	517337	7103338	KB01	Dark Brown	Sand	Dry	Subtle Slope	90	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1336565	NIN	7	517420	7103282	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	60	B	Dwarf Birch	Grass Cover	Good				
1336566	NIN	7	517503	7103226	KB01	Dark Brown	Sand	Dry	Pronounced	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent				
1336567	NIN	7	517586	7103170	KB01	Reddish Yellow	Sand	Dry	Subtle Slope	60	C	Black Spruce	Grass Cover	Excellent				
1336568	NIN	7	517670	7103114	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	80	B	Birch Forest	Grass Cover	Good				
1336569	NIN	7	517753	7103058	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Birch Forest	Grass Cover	Good	Dull Red Rust			
1336570	NIN	7	517835	7103001	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	70	B	Birch Forest	Sphagnum Moss < 30cm	Good				
1336571	NIN	7	517918	7102946	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky			
1336572	NIN	7	518001	7102891	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Birch Forest	Grass Cover	Good				
1336779	NIN	7	516949	7103732	ML01	Chocolate Brown	Silt	Damp	Subtle Slope	100	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Bright Orange Rust		
1336780	NIN	7	516987	7103702	ML01	Dark Brown	Silt	Wet	Pronounced	60	A	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Clay		
1336781	NIN	7	517031	7103676	ML01	Chocolate Brown	Silt	Damp	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Bright Orange Rust		
1336782	NIN	7	517074	7103646	ML01	Dark Brown	Silt	Wet	Subtle Slope	60	A	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Clay		
1336783	NIN	7	517112	7103618	ML01	Dark Brown	Silt	Wet	Subtle Slope	100	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Clay	Mud		
1336784	NIN	7	517155	7103592	ML01	Chocolate Brown	Sand	Damp	Subtle Slope	90	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Bright Orange Rust		
1336785	NIN	7	517197	7103564	ML01	Chocolate Brown	Sand	Damp	Subtle Slope	100	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Bright Orange Rust		
1336786	NIN	7	517239	7103537	ML01	Dark Brown	Sand	Damp	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Mud		
1336787	NIN	7	517274	7103516	ML01	Dark Brown	Silt	Wet	Subtle Slope	90	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1386780	NIN	7	516987	7103702	ML01													
1336764	NIN	7	516358	7104119	ML01	Dark Brown	Clay	Wet	Flat	70	A	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Frozen		
1336765	NIN	7	516403	7104095	ML01	Dark Brown	Clay	Wet	Flat	30	A	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Frozen		
1336766	NIN	7	516449	7104066	ML01	Dark Brown	Clay	Wet	Flat	40	A	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Frozen		
1336767	NIN	7	516489	7104037	ML01	Dark Brown	Silt	Wet	Flat	50	A	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Frozen		
1336768	NIN	7	516532	7104008	ML01	Dark Brown	Clay	Wet	Subtle Slope	60	A	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Frozen		
1336769	NIN	7	516574	7103983	ML01	Dark Brown	Silt	Wet	Subtle Slope	80	A	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Frozen		
1336770	NIN	7	516615	7103954	ML01	Dark Brown	Silt	Damp	Subtle Slope	70	A	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Frozen		
1336771	NIN	7	516656	7103925	ML01	Chocolate Brown	Sand	Damp	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1336772	NIN	7	516699	7103899	ML01	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust			
1336773	NIN	7	516739	7103870	ML01	Chocolate Brown	Sand	Dry	Flat	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Bright Orange Rust		
1336774	NIN	7	516781	7103843	ML01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust	Coarse		
1336776	NIN	7	516823	7103814	ML01	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Dull Red Rust		
1336777	NIN	7	516865	7103786	ML01	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1336778	NIN	7	516905	7103760	ML01	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Bright Orange Rust		
1337062	NIN	7	518155	7103029	HB03	Chocolate Brown	Sand	Damp	Pronounced	50	C	Alders	Thin Moss Cover	Excellent	Coarse			
1337063	NIN	7	518114	7103055	HB03	Dark Brown	Sand	Damp	Pronounced	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine			
1337064	NIN	7	518070	7103083	HB03	Dark Brown	Sand	Damp	Subtle Slope	40	C	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337065	NIN	7	518030	7103111	HB03	Dark Brown	Sand	Damp	Pronounced	90	C	Alders	Sphagnum Moss < 30cm	Excellent	Fine			
1337066	NIN	7	517988	7103139	HB03	Light Brown	Sand	Damp	Pronounced	100	C	No Tree Cover	Thin Moss Cover	Excellent	Fine			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1337067	NIN	7	517945	7103167	HB03	Light Brown	Sand	Damp	Pronounced	70	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Fine			
1337068	NIN	7	517904	7103193	HB03	Light Brown	Sand	Damp	Pronounced	60	C	Alders	Sphagnum Moss < 30cm	Excellent	Fine			
1337069	NIN	7	517864	7103222	HB03	Light Brown	Sand	Damp	Subtle Slope	80	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Coarse			
1337070	NIN	7	517821	7103250	HB03	Light Brown	Sand	Damp	Pronounced	70	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Fine			
1337071	NIN	7	517780	7103278	HB03	Light Brown	Sand	Damp	Pronounced	50	C	Alders	Sphagnum Moss < 30cm	Excellent	Coarse			
1337072	NIN	7	517740	7103308	HB03	Light Brown	Sand	Damp	Subtle Slope	100	C	Willows	Sphagnum Moss < 30cm	Excellent	Fine			
1337073	NIN	7	517697	7103336	HB03	Light Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337074	NIN	7	517657	7103365	HB03	Light Brown	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse			
1337075	NIN	7	517615	7103392	HB03	Light Brown	Sand	Damp	Subtle Slope	100	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Fine			
1337076	NIN	7	517615	7103392	HB03	Light Brown	Sand	Damp	Subtle Slope	100	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Fine			1337075
1337077	NIN	7	517572	7103420	HB03	Dark Olivine Green	Sand	Damp	Pronounced	90	C	Alders	Sphagnum Moss < 30cm	Excellent	Coarse			
1337078	NIN	7	517531	7103449	HB03	Light Brown	Sand	Damp	Subtle Slope	90	C	Willows	Reindeer Moss	Excellent	Fine			
1337079	NIN	7	517490	7103477	HB03	Light Brown	Sand	Damp	Subtle Slope	70	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Coarse			
1337080	NIN	7	517448	7103505	HB03	Dark Brown	Sand	Wet	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1337081	NIN	7	517406	7103533	HB03	Dark Brown	Sand	Wet	Subtle Slope	70	B	Willows	Sphagnum Moss < 30cm	Good	Fine			
1337082	NIN	7	517365	7103561	HB03	Dark Brown	Sand	Wet	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1337083	NIN	7	517322	7103590	HB03	Dark Brown	Sand	Damp	Pronounced	50	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine			
1337084	NIN	7	517477	7103726	HB03	Light Brown	Sand	Damp	Subtle Slope	70	C	Willows	Sphagnum Moss < 30cm	Excellent	Fine			
1337085	NIN	7	517645	7103613	HB03	Light Brown	Sand	Damp	Subtle Slope	100	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1337086	NIN	7	517809	7103503	HB03	Light Brown	Sand	Damp	Subtle Slope	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse			
1337087	NIN	7	517975	7103390	HB03	Light Brown	Sand	Damp	Subtle Slope	50	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Coarse			
1337088	NIN	7	518142	7103278	HB03	Light Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1337089	NIN	7	518266	7103194	HB03	Dark Olivine Green	Sand	Damp	Pronounced	80	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Coarse			
1336291	NIN	7	516413	7104203	JM01	Dark Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Partially Frozen		
1336292	NIN	7	516455	7104175	JM01	Dark Olivine Green	Clay	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Partially Frozen		
1336293	NIN	7	516495	7104147	JM01	Dark Grey Black	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Mud		
1336294	NIN	7	516538	7104120	JM01	Dark Grey Black	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen			
1336295	NIN	7	516579	7104091	JM01	Dark Brown	Clay	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Mud		
1336296	NIN	7	516621	7104063	JM01	Dark Brown	Clay	Damp	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Partially Frozen		
1336297	NIN	7	516661	7104036	JM01	Dark Brown	Sand	Damp	Subtle Slope	50	B	White Spruce	Thin Moss Cover	Good	Coarse	Partially Frozen		
1336298	NIN	7	516704	7104007	JM01	Dark Brown	Clay	Damp	Subtle Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1336299	NIN	7	516745	7103979	JM01	Dark Brown	Clay	Damp	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1336300	NIN	7	516785	7103952	JM01	Dark Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1336302	NIN	7	516827	7103924	JM01	Dark Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Mud		
1336303	NIN	7	516869	7103896	JM01	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky		
1336304	NIN	7	516911	7103867	JM01	Dark Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Partially Frozen		
1336305	NIN	7	516953	7103839	JM01	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Fine	Rocky		
1336306	NIN	7	516993	7103812	JM01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Fine	Rocky		
1336307	NIN	7	517035	7103784	JM01	Dark Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1336308	NIN	7	517077	7103755	JM01	Dark Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1336309	NIN	7	517120	7103726	JM01	Dark Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1336310	NIN	7	517159	7103699	JM01	Dark Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1336311	NIN	7	517200	7103671	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky		
1336312	NIN	7	517240	7103644	JM01	Dark Brown	Clay	Wet	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1336313	NIN	7	517282	7103616	JM01	Dark Brown	Clay	Damp	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Mud		
1336314	NIN	7	517560	7103670	JM01	Dark Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen	Mud		
1336315	NIN	7	517728	7103557	JM01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Thin Moss Cover	Excellent	Coarse	Rocky		
1336316	NIN	7	517894	7103447	JM01	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Thin Moss Cover	Excellent	Rocky			
1336317	NIN	7	518017	7103363	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Pine	Thin Moss Cover	Good	Rocky			
1336318	NIN	7	518184	7103250	JM01	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Old Burn	Thin Moss Cover	Good	Rocky	Coarse		
1336573	NIN	7	516470	7104285	KB01	Dark Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1336574	NIN	7	516512	7104256	KB01	Dark Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1336575	NIN	7	516512	7104256	KB01	Dark Brown	Sand	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			1336574
1336602	NIN	7	516553	7104229	KB01	Dark Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Frozen		
1336603	NIN	7	516595	7104202	KB01	Dark Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Rusty Roc	frozen.	

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1336604	NIN	7	516636	7104173	KB01	Dark Brown	Sand	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1336605	NIN	7	516678	7104145	KB01	Dark Brown	Sand	Damp	Subtle Slope	80	B	Black Spruce	Grass Cover	Good	Bright Orange Rust	Partially Frozen		
1336606	NIN	7	516719	7104117	KB01	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Partially Frozen		
1336607	NIN	7	516761	7104089	KB01	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	Black Spruce	Grass Cover	Good				
1336608	NIN	7	516802	7104061	KB01	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Bright Orange Rust		
1336609	NIN	7	516845	7104033	KB01	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Fine		
1336611	NIN	7	516927	7103977	KB01	Chocolate Brown	Sand	Damp	Subtle Slope	90	B	Black Spruce	Grass Cover	Good	Fine			
1336612	NIN	7	516969	7103949	KB01	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1336610	NIN	7	516885	7104006	KB01	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1336613	NIN	7	517011	7103922	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust			
1336614	NIN	7	517052	7103892	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	110	B	Birch Forest	Sphagnum Moss < 30cm	Good				
1336615	NIN	7	517092	7103866	KB01	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1336616	NIN	7	517135	7103837	KB01	Chocolate Brown	Sand	Damp	Subtle Slope	90	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1336617	NIN	7	517176	7103809	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good				
1336618	NIN	7	517218	7103781	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	110	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1336619	NIN	7	517258	7103753	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1336620	NIN	7	517398	7103780	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1336621	NIN	7	517602	7103641	KB01	Dark Brown	Sand	Damp	Subtle Slope	110	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1336622	NIN	7	517768	7103530	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Rusty Rock Chip		
1336623	NIN	7	517933	7103418	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent				
1336624	NIN	7	518101	7103305	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good				
1336625	NIN	7	518101	7103305	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good				1336624
1336788	NIN	7	518210	7103110	ML01	Dark Olivine Green	Sand	Dry	Subtle Slope	100	C	Birch Forest	Reindeer Moss	Excellent	Fine			
1336789	NIN	7	518169	7103140	ML01	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	Dull Red Rust		
1336790	NIN	7	518127	7103169	ML01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Alders	Sphagnum Moss < 30cm	Excellent	Fine			
1336791	NIN	7	518088	7103197	ML01	Reddish Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Fine	Rocky		
1336792	NIN	7	518046	7103225	ML01	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Fine	Rocky		
1336793	NIN	7	518002	7103252	ML01	Reddish Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Fine	Rocky		
1336794	NIN	7	517963	7103281	ML01	Reddish Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Fine	Rocky		
1336795	NIN	7	517920	7103307	ML01	Reddish Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Fine	Rocky		
1336796	NIN	7	517878	7103334	ML01	Reddish Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Thin Moss Cover	Excellent	Fine			
1336797	NIN	7	517836	7103362	ML01	Reddish Brown	Sand	Dry	Subtle Slope	60	C	Alders	Thin Moss Cover	Excellent	Fine	Rocky		
1336798	NIN	7	517795	7103390	ML01	Dark Olivine Green	Sand	Dry	Subtle Slope	90	C	White Spruce	Thin Moss Cover	Excellent	Fine			
1336799	NIN	7	517754	7103419	ML01	Reddish Brown	Sand	Dry	Subtle Slope	50	C	Alders	Thin Moss Cover	Excellent	Fine			
1336800	NIN	7	517711	7103445	ML01	Reddish Brown	Sand	Dry	Subtle Slope	100	C	White Spruce	Thin Moss Cover	Excellent	Fine			
1336802	NIN	7	517670	7103475	ML01	Reddish Brown	Sand	Dry	Subtle Slope	60	C	Willows	Thin Moss Cover	Excellent	Fine			
1336803	NIN	7	517626	7103498	ML01	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Willows	Thin Moss Cover	Good	Coarse	Bright Orange Rust		
1336804	NIN	7	517586	7103532	ML01	Dark Olivine Green	Sand	Damp	Subtle Slope	70	C	Willows	Thin Moss Cover	Good	Clay	Frozen		
1336805	NIN	7	517546	7103557	ML01	Chocolate Brown	Sand	Wet	Subtle Slope	90	B	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Frozen		
1336806	NIN	7	517502	7103582	ML01	Dark Brown	Silt	Wet	Subtle Slope	100	B	Alders	Sphagnum Moss < 30cm	Good	Mud	Fine		
1336807	NIN	7	517462	7103613	ML01	Dark Brown	Silt	Damp	Subtle Slope	90	B	Alders	Sphagnum Moss < 30cm	Good	Mud	Partially Frozen		
1336808	NIN	7	517420	7103640	ML01	Dark Brown	Silt	Damp	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Mud		
1336809	NIN	7	517379	7103669	ML01	Dark Brown	Silt	Wet	Subtle Slope	90	B	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Dull Red Rust		
1336810	NIN	7	517337	7103695	ML01	Dark Brown	Silt	Damp	Subtle Slope	90	B	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Bright Orange Rust		
1336811	NIN	7	517297	7103722	ML01	Reddish Orange	Sand	Dry	Subtle Slope	110	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust	Coarse		
1336812	NIN	7	517432	7103748	ML01	Reddish Orange	Sand	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Coarse		
1336813	NIN	7	517517	7103696	ML01	Dark Brown	Sand	Damp	Subtle Slope	90	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Mud		
1336814	NIN	7	517685	7103586	ML01	Reddish Brown	Sand	Damp	Subtle Slope	70	B	Alders	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Coarse		
1336815	NIN	7	517849	7103473	ML01	Reddish Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Bright Orange Rust		
1336816	NIN	7	518059	7103334	ML01	Reddish Orange	Sand	Dry	Subtle Slope	60	C	Alders	Thin Moss Cover	Excellent	Coarse	Bright Orange Rust		
1336817	NIN	7	518224	7103222	ML01	Reddish Orange	Sand	Dry	Subtle Slope	80	C	Alders	Sphagnum Moss < 30cm	Excellent	Coarse	Dull Red Rust		
1337090	NIN	7	518321	7103277	HB03	Light Brown	Sand	Damp	Pronounced	50	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Fine			
1337091	NIN	7	518281	7103305	HB03	Light Brown	Sand	Damp	Pronounced	100	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Fine			
1337092	NIN	7	518240	7103333	HB03	Light Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Rusty Rock Chip		
1337093	NIN	7	518197	7103362	HB03	Light Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1337094	NIN	7	518156	7103390	HB03	Light Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337095	NIN	7	518116	7103417	HB03	Light Brown	Sand	Damp	Subtle Slope	100	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337096	NIN	7	518073	7103445	HB03	Light Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337097	NIN	7	518031	7103474	HB03	Light Brown	Sand	Damp	Subtle Slope	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337098	NIN	7	517989	7103502	HB03	Light Brown	Sand	Damp	Pronounced	100	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Rusty Rock Chip		
1337099	NIN	7	517167	7104071	HB03	Dark Brown	Sand	Damp	Pronounced	50	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse			
1337100	NIN	7	517207	7104039	HB03	Light Brown	Sand	Damp	Subtle Slope	60	C	Willows	Sphagnum Moss < 30cm	Good	Fine			
1337102	NIN	7	517250	7104010	HB03	Light Brown	Sand	Damp	Pronounced	40	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine			
1337103	NIN	7	517294	7103984	HB03	Light Brown	Sand	Damp	Pronounced	40	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Fine			
1337104	NIN	7	517329	7103953	HB03	Light Brown	Sand	Damp	Pronounced	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337105	NIN	7	517370	7103924	HB03	Light Brown	Sand	Damp	Pronounced	70	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Fine			
1337106	NIN	7	517414	7103896	HB03	Light Brown	Sand	Damp	Subtle Slope	50	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine			
1336319	NIN	7	516525	7104367	JM01	Dark Brown	Clay	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1336320	NIN	7	516564	7104343	JM01	Dark Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Mud		
1336329	NIN	7	516609	7104312	JM01	Dark Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky		
1336330	NIN	7	516651	7104285	JM01	Dark Brown	Clay	Damp	Pronounced	50	B	White Spruce	Thin Moss Cover	Good	Coarse	Rocky		
1336331	NIN	7	516691	7104256	JM01	Dark Brown	Clay	Damp	Pronounced	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Mud			
1336332	NIN	7	516733	7104228	JM01	Dark Brown	Clay	Damp	Subtle Slope	60	B	White Spruce	Thin Moss Cover	Good	Bright Orange Rust	Rocky		
1336333	NIN	7	516776	7104199	JM01	Chocolate Brown	Clay	Damp	Pronounced	50	B	White Spruce	Thin Moss Cover	Good	Bright Orange Rust	Rocky		
1336334	NIN	7	516817	7104172	JM01	Dark Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Fine			
1336335	NIN	7	516860	7104143	JM01	Dark Brown	Clay	Damp	Subtle Slope	50	B	White Spruce	Thin Moss Cover	Good	Rocky			
1336336	NIN	7	516900	7104116	JM01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse			
1336337	NIN	7	516941	7104089	JM01	Dark Brown	Clay	Damp	Subtle Slope	40	B	White Spruce	Thin Moss Cover	Good	Rocky	Bright Orange Rust		
1336338	NIN	7	516984	7104059	JM01	Dark Brown	Clay	Damp	Subtle Slope	70	B	White Spruce	Thin Moss Cover	Good	Mud	Rocky		
1336339	NIN	7	517024	7104031	JM01	Dark Brown	Clay	Damp	Subtle Slope	50	B	White Spruce	Thin Moss Cover	Good	Rocky			
1336340	NIN	7	517064	7104005	JM01	Dark Brown	Clay	Damp	Subtle Slope	50	B	White Spruce	Thin Moss Cover	Good	Mud			
1336341	NIN	7	517109	7103975	JM01	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Fine			
1336342	NIN	7	517149	7103947	JM01	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Fine			
1336343	NIN	7	517190	7103920	JM01	Chocolate Brown	Sand	Dry	Pronounced	40	C	White Spruce	Thin Moss Cover	Excellent	Rocky			
1336344	NIN	7	517232	7103891	JM01	Chocolate Brown	Silt	Dry	Pronounced	90	C	White Spruce	Thin Moss Cover	Excellent	Fine			
1336321	NIN	7	517274	7103864	JM01	Chocolate Brown	Silt	Dry	Pronounced	50	C	White Spruce	Leaf Cover	Excellent	Fine	Rocky		
1336322	NIN	7	517315	7103835	JM01	Chocolate Brown	Sand	Dry	Pronounced	70	C	White Spruce	Thin Moss Cover	Excellent	Fine	Rocky		
1336323	NIN	7	517356	7103808	JM01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Fine	Rocky		
1336576	NIN	7	518379	7103360	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	70	B	Alders	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1336577	NIN	7	518339	7103386	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	80	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1336578	NIN	7	518298	7103412	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Alders	Leaf Cover	Good	Bright Orange Rust			
1336579	NIN	7	518257	7103441	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	B	Alders	Sphagnum Moss < 30cm	Good				
1336580	NIN	7	518215	7103470	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	B	Alders	Thin Moss Cover	Good	Rocky			
1336581	NIN	7	518174	7103497	KB01	Chocolate Brown	Sand	Dry	Pronounced	40	B	Alders	Grass Cover	Good				
1336582	NIN	7	518132	7103525	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good				
1336583	NIN	7	518091	7103554	KB01	Bluish Grey	Sand	Dry	Pronounced	90	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust	Rusty Rock Chip		
1336584	NIN	7	518050	7103583	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good				
1336585	NIN	7	518008	7103610	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good				
1336586	NIN	7	517966	7103639	KB01	Chocolate Brown	Sand	Dry	Flat	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1336587	NIN	7	517924	7103666	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good				
1336588	NIN	7	517883	7103694	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Dull Red Rust		
1336589	NIN	7	517843	7103722	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Rusty Rock Chip		
1336590	NIN	7	517800	7103750	KB01	Dark Brown	Sand	Dry	Subtle Slope	110	B	Black Spruce	Sphagnum Moss < 30cm	Good	Dull Red Rust			
1336591	NIN	7	517759	7103778	KB01	Dark Brown	Sand	Dry	Subtle Slope	90	B	Black Spruce	Thin Moss Cover	Good	Dull Red Rust			
1336592	NIN	7	517717	7103806	KB01	Dark Brown	Sand	Dry	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rusty Rock Chip			
1336593	NIN	7	517676	7103835	KB01	Dark Brown	Sand	Damp	Subtle Slope	90	B	Black Spruce	Sphagnum Moss < 30cm	Good	Dull Red Rust			
1336594	NIN	7	517634	7103863	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	90	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Rusty Rock Chip		
1336595	NIN	7	517594	7103891	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1336596	NIN	7	517553	7103918	KB01	Dark Brown	Sand	Dry	Pronounced	50	B	Poplar	Leaf Cover	Good				
1336597	NIN	7	517510	7103947	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Black Spruce	Thin Moss Cover	Good				

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1336818	NIN	7	516581	7104451	ML01	Dark Brown	Silt	Damp	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Clay	Frozen		
1336819	NIN	7	516626	7104424	ML01	Dark Brown	Sand	Wet	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Frozen		
1336820	NIN	7	516668	7104396	ML01	Reddish Brown	Sand	Dry	Pronounced	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	Mud		
1336821	NIN	7	516708	7104370	ML01	Reddish Brown	Sand	Dry	Pronounced	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Dull Red Rust		
1336822	NIN	7	516751	7104341	ML01	Chocolate Brown	Sand	Damp	Pronounced	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Mud		
1336823	NIN	7	516791	7104314	ML01	Chocolate Brown	Sand	Damp	Pronounced	100	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Bright Orange Rust		
1336824	NIN	7	516833	7104286	ML01	Dark Brown	Silt	Wet	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Mud		
1336826	NIN	7	516876	7104258	ML01	Reddish Orange	Sand	Damp	Pronounced	100	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Bright Orange Rust		
1336827	NIN	7	516917	7104232	ML01	Dark Brown	Sand	Damp	Pronounced	90	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Bright Orange Rust		
1336828	NIN	7	516959	7104204	ML01	Chocolate Brown	Sand	Damp	Pronounced	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Bright Orange Rust		
1336829	NIN	7	516998	7104175	ML01	Reddish Orange	Sand	Dry	Pronounced	100	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1336830	NIN	7	517040	7104145	ML01	Dark Brown	Sand	Damp	Pronounced	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Bright Orange Rust		
1336831	NIN	7	517083	7104118	ML01	Reddish Orange	Sand	Dry	Pronounced	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust	Coarse		
1336832	NIN	7	517126	7104091	ML01	Dark Brown	Gravel	Damp	Pronounced	40	B	White Spruce	Thin Moss Cover	Good	Mud	Rocky		
1336833	NIN	7	517453	7103870	ML01	Chocolate Brown	Gravel	Dry	Pronounced	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Fine			
1336825	NIN	7	516833	7104286	ML01	Dark Brown	Silt	Wet	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen	Mud		1336824
1337107	NIN	7	517949	7103529	HB03	Light Brown	Sand	Damp	Subtle Slope	70	C	Willows	Sphagnum Moss < 30cm	Excellent	Fine			
1337108	NIN	7	517908	7103557	HB03	Light Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337109	NIN	7	517866	7103584	HB03	Light Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337110	NIN	7	517827	7103613	HB03	Light Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337111	NIN	7	517783	7103641	HB03	Light Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337112	NIN	7	517742	7103669	HB03	Dark Olivine Green	Sand	Damp	Pronounced	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Rusty Rock Chip		
1337113	NIN	7	517701	7103697	HB03	Dark Olivine Green	Sand	Damp	Pronounced	80	C	Willows	Sphagnum Moss < 30cm	Excellent	Fine			
1337114	NIN	7	517659	7103725	HB03	Dark Brown	Silt	Damp	Pronounced	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1337115	NIN	7	517618	7103753	HB03	Dark Brown	Sand	Damp	Pronounced	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1337116	NIN	7	517576	7103780	HB03	Dark Olivine Green	Sand	Damp	Subtle Slope	100	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337117	NIN	7	517535	7103810	HB03	Light Brown	Sand	Damp	Pronounced	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1337118	NIN	7	517492	7103838	HB03	Light Brown	Sand	Damp	Pronounced	110	C	Alders	Sphagnum Moss < 30cm	Excellent	Fine			
1337121	NIN	7	517562	7104031	HB03	Light Brown	Sand	Damp	Pronounced	50	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337122	NIN	7	517602	7104004	HB03	Light Brown	Sand	Damp	Pronounced	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1337123	NIN	7	517645	7103975	HB03	Light Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse			
1337124	NIN	7	517686	7103947	HB03	Light Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1337127	NIN	7	517726	7103919	HB03	Light Brown	Sand	Damp	Pronounced	70	C	Alders	Sphagnum Moss < 30cm	Excellent	Fine			
1337128	NIN	7	517770	7103891	HB03	Light Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337129	NIN	7	517811	7103863	HB03	Light Brown	Sand	Damp	Pronounced	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1337130	NIN	7	517853	7103835	HB03	Light Brown	Sand	Damp	Pronounced	60	C	Willows	Sphagnum Moss < 30cm	Excellent	Fine			
1337131	NIN	7	517895	7103807	HB03	Light Brown	Sand	Damp	Pronounced	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337132	NIN	7	517936	7103778	HB03	Light Brown	Sand	Damp	Pronounced	80	C	Willows	Sphagnum Moss < 30cm	Excellent	Fine			
1337133	NIN	7	517977	7103752	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1337134	NIN	7	518019	7103723	HB03	Light Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337135	NIN	7	518060	7103696	HB03	Light Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337136	NIN	7	518102	7103667	HB03	Chocolate Brown	Sand	Damp	Subtle Slope	110	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Fine			
1337137	NIN	7	518144	7103639	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337138	NIN	7	518185	7103612	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Willows	Sphagnum Moss < 30cm	Good	Fine			
1337139	NIN	7	518226	7103583	HB03	Light Brown	Sand	Damp	Steep	40	B	Alders	Sphagnum Moss < 30cm	Good	Coarse			
1337140	NIN	7	518268	7103555	HB03	Light Brown	Sand	Damp	Pronounced	30	B	Alders	Thin Moss Cover	Good	Fine			
1337141	NIN	7	518311	7103528	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337142	NIN	7	518351	7103499	HB03	Light Brown	Sand	Damp	Pronounced	30	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337143	NIN	7	518393	7103472	HB03	Light Brown	Sand	Damp	Pronounced	70	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Fine			
1337144	NIN	7	518434	7103443	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1336324	NIN	7	516637	7104534	JM01	Dark Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1336325	NIN	7	516637	7104534	JM01	Dark Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			1336324
1336326	NIN	7	516675	7104508	JM01	Dark Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1336327	NIN	7	516720	7104478	JM01	Chocolate Brown	Clay	Damp	Pronounced	40	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky		
1336328	NIN	7	516761	7104450	JM01	Chocolate Brown	Sand	Damp	Pronounced	40	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky		

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1336345	NIN	7	516802	7104423	JM01	Chocolate Brown	Sand	Damp	Pronounced	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky		
1336346	NIN	7	516844	7104394	JM01	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky		
1336347	NIN	7	516886	7104366	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	White Spruce	Thin Moss Cover	Good	Rocky			
1336348	NIN	7	516927	7104338	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Bright Orange Rust	Rocky		
1336349	NIN	7	516971	7104310	JM01	Dark Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Dull Red Rust		
1336350	NIN	7	517011	7104281	JM01	Dark Brown	Clay	Damp	Pronounced	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust	Rocky		
1336352	NIN	7	517051	7104254	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Alders	Thin Moss Cover	Excellent	Coarse	Rocky		
1336353	NIN	7	517094	7104226	JM01	Dark Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Thin Moss Cover	Good	Rocky	Mud		
1336354	NIN	7	517135	7104199	JM01	Dark Brown	Clay	Damp	Subtle Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Mud	Rocky		
1336355	NIN	7	517179	7104170	JM01	Dark Grey Black	Clay	Damp	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen			
1336356	NIN	7	517218	7104143	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust	Rocky		
1336357	NIN	7	517259	7104116	JM01	Chocolate Brown	Sand	Damp	Pronounced	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	Coarse		
1336358	NIN	7	517301	7104086	JM01	Chocolate Brown	Silt	Dry	Pronounced	40	B	White Spruce	Needle Cover	Good	Rocky			
1336359	NIN	7	517344	7104058	JM01	Chocolate Brown	Sand	Damp	Pronounced	40	B	White Spruce	Leaf Cover	Good	Rocky	Coarse		
1336360	NIN	7	517386	7104031	JM01	Chocolate Brown	Clay	Dry	Pronounced	40	B	White Spruce	Thin Moss Cover	Good	Rocky	Coarse		
1336361	NIN	7	517428	7104002	JM01	Chocolate Brown	Clay	Dry	Pronounced	40	B	Dwarf Birch	Thin Moss Cover	Good	Rocky	Fine		
1336362	NIN	7	517468	7103975	JM01	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	White Spruce	Thin Moss Cover	Good	Coarse	Rocky		
1336363	NIN	7	517520	7104058	JM01	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	White Spruce	Thin Moss Cover	Good	Fine	Rocky		
1336364	NIN	7	517482	7104084	JM01	Dark Brown	Clay	Damp	Subtle Slope	60	B	White Spruce	Thin Moss Cover	Good	Rocky			
1336365	NIN	7	517440	7104112	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	White Spruce	Thin Moss Cover	Good	Fine	Rocky		
1336366	NIN	7	517400	7104141	JM01	Dark Brown	Clay	Damp	Subtle Slope	40	B	White Spruce	Thin Moss Cover	Good	Rocky			
1336367	NIN	7	517358	7104168	JM01	Dark Brown	Clay	Damp	Subtle Slope	60	B	White Spruce	Thin Moss Cover	Good	Partially Frozen			
1336368	NIN	7	517316	7104196	JM01	Dark Brown	Clay	Damp	Subtle Slope	60	B	Alders	Thin Moss Cover	Good	Rocky	Partially Frozen		
1336369	NIN	7	517274	7104226	JM01	Dark Brown	Clay	Damp	Subtle Slope	50	B	Alders	Thin Moss Cover	Good	Partially Frozen			
1336370	NIN	7	517232	7104253	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336371	NIN	7	517191	7104281	JM01	Dark Brown	Clay	Damp	Subtle Slope	40	B	White Spruce	Thin Moss Cover	Good	Rocky	Partially Frozen		
1336372	NIN	7	517149	7104310	JM01	Dark Brown	Clay	Damp	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336598	NIN	7	516694	7104617	KB01	Chocolate Brown	Sand	Dry	Pronounced	80	A	Black Spruce	Sphagnum Moss < 30cm	Good				
1336599	NIN	7	516734	7104589	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Rocky			
1336600	NIN	7	516775	7104561	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336626	NIN	7	516817	7104533	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	B	Black Spruce	Reindeer Moss	Good	Rocky			
1336627	NIN	7	516860	7104505	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	B	Black Spruce	Reindeer Moss	Good	Rocky			
1336628	NIN	7	516900	7104478	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336629	NIN	7	516942	7104449	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	Black Spruce	Thin Moss Cover	Good	Bright Orange Rust			
1336630	NIN	7	516983	7104420	KB01	Chocolate Brown	Sand	Dry	Pronounced	80	B	Black Spruce	Reindeer Moss	Good	Bright Orange Rust	Rusty Rock Chip		
1336631	NIN	7	517026	7104393	KB01	Chocolate Brown	Sand	Dry	Pronounced	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1336632	NIN	7	517066	7104365	KB01	Chocolate Brown	Sand	Dry	Pronounced	90	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Bright Orange Rust		
1336633	NIN	7	517108	7104337	KB01	Chocolate Brown	Sand	Dry	Pronounced	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Dull Red Rust	Rocky		
1336634	NIN	7	517123	7104449	KB01	Chocolate Brown	Sand	Dry	Pronounced	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1336635	NIN	7	517082	7104476	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Bright Orange Rust	Rocky		
1336636	NIN	7	517041	7104504	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Rocky		
1336637	NIN	7	516999	7104533	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Rocky		
1336638	NIN	7	516957	7104561	KB01	Chocolate Brown	Sand	Dry	Pronounced	90	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rusty Rock Chip	Rocky		
1336639	NIN	7	516914	7104588	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1336640	NIN	7	516873	7104615	KB01	Chocolate Brown	Sand	Damp	Pronounced	50	B	Black Spruce	Thin Moss Cover	Good	Rocky			
1336641	NIN	7	516832	7104644	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336642	NIN	7	516791	7104671	KB01	Dark Brown	Sand	Damp	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Frozen		
1336643	NIN	7	516749	7104699	KB01	Dark Brown	Sand	Damp	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Partially Frozen		
1336644	NIN	7	516806	7104783	KB01	Dark Brown	Sand	Damp	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Partially Frozen		
1336645	NIN	7	516840	7104746	KB01	Chocolate Brown	Sand	Dry	Flat	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Possible C	Off line due to creek.	
1336646	NIN	7	516888	7104727	KB01	Dark Brown	Sand	Damp	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Organic 10%		
1336647	NIN	7	516929	7104698	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336648	NIN	7	516971	7104671	KB01	Chocolate Brown	Sand	Damp	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Partially Fr	Rocky.	
1336649	NIN	7	517013	7104643	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Partially Frozen		
1336650	NIN	7	517054	7104615	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Black Spruce	Reindeer Moss	Good	Rocky			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1336652	NIN	7	517096	7104588	KB01	Chocolate Brown	Sand	Damp	Pronounced	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336653	NIN	7	517137	7104559	KB01	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1336654	NIN	7	517179	7104531	KB01	Dark Brown	Sand	Damp	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen			
1336834	NIN	7	516862	7104864	ML01	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	Willows	Sphagnum Moss < 30cm	Good	Clay	Dull Red Rust		
1336835	NIN	7	516901	7104836	ML01	Dark Brown	Sand	Damp	Subtle Slope	60	B	Willows	Sphagnum Moss < 30cm	Good	Fine	Dull Red Rust		
1336836	NIN	7	516941	7104803	ML01	Dark Brown	Sand	Damp	Subtle Slope	60	B	Willows	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Rocky		
1336837	NIN	7	516981	7104775	ML01	Dark Brown	Sand	Damp	Subtle Slope	60	B	Willows	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Rocky		
1336838	NIN	7	517026	7104751	ML01	Dark Brown	Sand	Damp	Steep	90	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Bright Orange Rust		
1336839	NIN	7	517063	7104719	ML01	Dark Brown	Sand	Wet	Steep	70	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Frozen		
1336840	NIN	7	517109	7104694	ML01	Dark Brown	Sand	Wet	Steep	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Frozen		
1336841	NIN	7	517154	7104673	ML01	Dark Brown	Silt	Damp	Steep	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Frozen		
1336842	NIN	7	517191	7104640	ML01	Dark Brown	Silt	Wet	Steep	90	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Frozen		
1336843	NIN	7	517233	7104615	ML01	Dark Brown	Sand	Damp	Steep	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Bright Orange Rust		
1336844	NIN	7	517292	7104698	ML01	Dark Brown	Silt	Damp	Steep	40	A	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Mud		
1336845	NIN	7	517250	7104725	ML01	Dark Brown	Silt	Damp	Steep	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen			
1336846	NIN	7	517210	7104755	ML01	Dark Brown	Silt	Wet	Steep	70	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Frozen		
1336847	NIN	7	517167	7104782	ML01	Chocolate Brown	Silt	Damp	Pronounced	70	B	Willows	Sphagnum Moss < 30cm	Good	Frozen	Mud		
1336848	NIN	7	517125	7104813	ML01	Chocolate Brown	Sand	Dry	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Rocky		
1336849	NIN	7	517086	7104843	ML01	Chocolate Brown	Sand	Dry	Pronounced	90	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Bright Orange Rust		
1336850	NIN	7	517041	7104864	ML01	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Frozen		
1336852	NIN	7	516998	7104891	ML01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Fine		
1336853	NIN	7	516958	7104920	ML01	Chocolate Brown	Sand	Damp	Subtle Slope	90	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Bright Orange Rust		
1336854	NIN	7	516917	7104948	ML01	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Fine		
1336855	NIN	7	516971	7105032	ML01	Dark Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Bright Orange Rust	Frozen		
1336856	NIN	7	517012	7105003	ML01	Dark Brown	Sand	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1336857	NIN	7	517054	7104977	ML01	Dark Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1336858	NIN	7	517098	7104948	ML01	Dark Brown	Sand	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Mud		
1336859	NIN	7	517137	7104918	ML01	Chocolate Brown	Sand	Wet	Pronounced	100	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Coarse		
1336860	NIN	7	517181	7104892	ML01	Chocolate Brown	Sand	Wet	Pronounced	100	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Bright Orange Rust		
1336861	NIN	7	517223	7104865	ML01	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Bright Orange Rust		
1336862	NIN	7	517260	7104831	ML01	Chocolate Brown	Sand	Wet	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1336863	NIN	7	517303	7104802	ML01	Chocolate Brown	Sand	Dry	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen			
1336864	NIN	7	517345	7104778	ML01	Dark Olivine Green	Sand	Dry	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1382976	NIN	7	517513	7105030	SD02	Dark Brown	Sand	Damp	Subtle Slope	40	B	Subalpine Fir	Thin Moss Cover	Good	Bright Orange Rust			
1382977	NIN	7	517472	7105057	SD02	Dark Brown	Sand	Damp	Subtle Slope	60	B	Willows	Thin Moss Cover	Good	Bright Orange Rust			
1382978	NIN	7	517433	7105083	SD02	Dark Brown	Gravel	Damp	Subtle Slope	60	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1382979	NIN	7	517389	7105111	SD02	Dark Brown	Gravel	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1382980	NIN	7	517349	7105140	SD02	Dark Brown	Sand	Damp	Subtle Slope	50	B	Willows	Reindeer Moss	Good	Bright Orange Rust	Rocky		
1382981	NIN	7	517307	7105168	SD02	Dark Brown	Sand	Damp	Subtle Slope	50	B	Willows	Thin Moss Cover	Good	Bright Orange Rust	Rocky		
1382982	NIN	7	517264	7105196	SD02	Dark Brown	Gravel	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1382983	NIN	7	517224	7105225	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Reindeer Moss	Excellent	Bright Orange Rust	Coarse		
1382984	NIN	7	517181	7105251	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Willows	Thin Moss Cover	Good	Bright Orange Rust	Rocky		
1382985	NIN	7	517141	7105280	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Good	Bright Orange Rust			
1382986	NIN	7	517084	7105198	SD02	Dark Grey Black	Silt	Damp	Subtle Slope	40	B	Willows	Grass Cover	Poor	Organic 10%	Rocky		
1382987	NIN	7	517125	7105171	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	Black Spruce	Thin Moss Cover	Good	Bright Orange Rust	Fine		
1382988	NIN	7	517166	7105142	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Willows	Grass Cover	Good	Bright Orange Rust			
1382989	NIN	7	517208	7105114	SD02	Dark Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Excellent	Bright Orange Rust	Dull Red Rust		
1382990	NIN	7	517250	7105085	SD02	Grey	Sand	Damp	Subtle Slope	80	B	Black Spruce	Thin Moss Cover	Good	Bright Orange Rust			
1382991	NIN	7	517290	7105057	SD02	Dark Brown	Sand	Damp	Subtle Slope	70	B	Alders	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1382992	NIN	7	517333	7105030	SD02	Dark Brown	Gravel	Damp	Subtle Slope	60	B	Subalpine Fir	Thin Moss Cover	Good	Rocky			
1382993	NIN	7	517374	7105003	SD02	Dark Brown	Gravel	Damp	Subtle Slope	80	B	Willows	Sphagnum Moss < 30cm	Good	Rocky			
1382994	NIN	7	517416	7104974	SD02	Dark Brown	Sand	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good				
1382995	NIN	7	517457	7104948	SD02	Grey	Clay	Damp	Subtle Slope	60	B	Willows	Thin Moss Cover	Good	Sandy			
1382996	NIN	7	517402	7104863	SD02	Grey	Sand	Damp	Subtle Slope	60	B	Black Spruce	Thin Moss Cover	Good	Fine			
1382997	NIN	7	517031	7105114	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	80	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Fine			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1382998	NIN	7	517072	7105087	SD02	Grey	Sand	Damp	Subtle Slope	70	B	White Spruce	Grass Cover	Good	Fine	Rocky		
1382999	NIN	7	517112	7105060	SD02	Grey	Clay	Wet	Subtle Slope	60	B	Subalpine Fir	Sphagnum Moss < 30cm	Poor	Quartz Chips			
1383000	NIN	7	517153	7105031	SD02	Grey	Gravel	Wet	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1382826	NIN	7	517193	7105004	SD02	Dark Brown	Sand	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Rocky		
1382827	NIN	7	517235	7104976	SD02	Grey	Clay	Damp	Subtle Slope	60	B	Subalpine Fir	Grass Cover	Good	Bright Orange Rust	Rocky		
1382828	NIN	7	517278	7104945	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Fine	Rocky		
1382829	NIN	7	517320	7104918	SD02	Dark Brown	Sand	Damp	Subtle Slope	40	B	Willows	Reindeer Moss	Good	Rocky			
1382830	NIN	7	517359	7104892	SD02	Dark Brown	Gravel	Damp	Subtle Slope	70	B	Black Spruce	Thin Moss Cover	Good	Bright Orange Rust	Rocky		
1337125	NIN	7	517197	7105363	HB03	Light Brown	Sand	Damp	Pronounced	60	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine			
1337126	NIN	7	517197	7105363	HB03	Light Brown	Sand	Damp	Pronounced	60	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine			1337125
1337145	NIN	7	517236	7105336	HB03	Light Brown	Sand	Damp	Pronounced	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1337146	NIN	7	517278	7105307	HB03	Light Brown	Sand	Damp	Pronounced	50	C	White Spruce	Thin Moss Cover	Excellent	Fine	Rusty Rock Chip		
1337147	NIN	7	517321	7105281	HB03	Light Brown	Sand	Damp	Pronounced	100	C	White Spruce	Reindeer Moss	Excellent	Fine			
1337148	NIN	7	517361	7105253	HB03	Dark Olivine Green	Sand	Damp	Pronounced	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1337149	NIN	7	517402	7105223	HB03	Light Brown	Sand	Damp	Pronounced	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine			
1337150	NIN	7	517444	7105196	HB03	Light Brown	Sand	Damp	Pronounced	100	C	Alders	Sphagnum Moss < 30cm	Excellent	Fine			
1337152	NIN	7	517487	7105168	HB03	Light Brown	Sand	Damp	Pronounced	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337153	NIN	7	517527	7105141	HB03	Light Brown	Sand	Damp	Pronounced	50	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337154	NIN	7	517568	7105112	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse			
1337156	NIN	7	517610	7105084	HB03	Light Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337155	NIN	7	517652	7105056	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337157	NIN	7	517693	7105029	HB03	Light Brown	Sand	Damp	Pronounced	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Rusty Rock Chip		
1337158	NIN	7	517735	7104999	HB03	Light Brown	Sand	Damp	Pronounced	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Rusty Rock Chip		
1337159	NIN	7	517776	7104972	HB03	Light Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Rusty Rock Chip		
1337160	NIN	7	517858	7104915	HB03	Light Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1336655	NIN	7	517252	7105446	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Bright Orange Rust			
1336656	NIN	7	517295	7105418	KB01	Chocolate Brown	Silt	Dry	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Dull Red Rust			
1336657	NIN	7	517336	7105391	KB01	Chocolate Brown	Sand	Damp	Flat	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky		
1336658	NIN	7	517378	7105363	KB01	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1336659	NIN	7	517419	7105334	KB01	Dark Brown	Silt	Dry	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Organic 10%		
1336660	NIN	7	517461	7105307	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Black Spruce	Reindeer Moss	Good	Fine	Bright Orange Rust		
1336661	NIN	7	517503	7105278	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Dull Red R	Rocky	
1336662	NIN	7	517545	7105249	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky		
1336663	NIN	7	517585	7105222	KB01	Dark Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky		
1336664	NIN	7	517627	7105194	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336665	NIN	7	517668	7105165	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Dull Red R	Rocky.	
1336666	NIN	7	517710	7105136	KB01	Chocolate Brown	Sand	Dry	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky		
1336667	NIN	7	517751	7105110	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Dwarf Birch	Reindeer Moss	Good	Fine	Rocky		
1336668	NIN	7	517820	7104942	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Rocky		
1336669	NIN	7	517903	7104886	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Dull Red Rust		
1382831	NIN	7	517309	7105531	SD02	Grey	Sand	Wet	Subtle Slope	60	B	Subalpine Fir	Sphagnum Moss < 30cm	Poor	Rocky			
1382832	NIN	7	517349	7105504	SD02	Dark Brown	Gravel	Damp	Subtle Slope	60	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Rocky			
1382833	NIN	7	517389	7105473	SD02	Dark Brown	Sand	Damp	Subtle Slope	70	B	Subalpine Fir	Thin Moss Cover	Good	Fine	Rocky		
1382834	NIN	7	517431	7105445	SD02	Dark Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good	Fine	Rocky		
1382835	NIN	7	517472	7105418	SD02	Dark Brown	Sand	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1382836	NIN	7	517515	7105391	SD02	Dark Brown	Sand	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Fine	Rocky		
1382837	NIN	7	517556	7105363	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1382838	NIN	7	517598	7105335	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1382839	NIN	7	517639	7105307	SD02	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1382840	NIN	7	517682	7105280	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	Willows	Thin Moss Cover	Good	Fine			
1382841	NIN	7	517722	7105251	SD02	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Good	Quartz Chips			
1382842	NIN	7	517764	7105223	SD02	Dark Brown	Sand	Damp	Subtle Slope	60	B	Dwarf Birch	Thin Moss Cover	Good	Quartz Chips	Clay		
1382843	NIN	7	517805	7105196	SD02	Dark Brown	Gravel	Damp	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good	Rocky			
1382844	NIN	7	518192	7104693	SD02	Dark Grey Black	Clay	Damp	Flat	80	B	Dwarf Birch	Thin Moss Cover	Poor				
1382845	NIN	7	518150	7104719	SD02	Dark Brown	Sand	Damp	Flat	50	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1382846	NIN	7	518109	7104749	SD02	Dark Brown	Gravel	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1382847	NIN	7	518068	7104775	SD02	Chocolate Brown	Gravel	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Rocky			
1382848	NIN	7	518026	7104803	SD02	Grey	Sand	Damp	Subtle Slope	40	B	Subalpine Fir	Reindeer Moss	Good	Rocky			
1382849	NIN	7	517984	7104832	SD02	Dark Brown	Sand	Damp	Subtle Slope	50	B	Dwarf Birch	Thin Moss Cover	Good	Rocky	Coarse		
1382850	NIN	7	517943	7104860	SD02	Dark Brown	Sand	Damp	Subtle Slope	50	B	Dwarf Birch	Thin Moss Cover	Good	Fine	Rocky		
1337161	NIN	7	519161	7104520	HB03	Light Brown	Sand	Damp	Pronounced	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine			
1337162	NIN	7	519118	7104547	HB03	Light Brown	Sand	Damp	Pronounced	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine			
1337163	NIN	7	519078	7104577	HB03	Light Brown	Sand	Damp	Pronounced	50	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337164	NIN	7	519036	7104605	HB03	Light Brown	Sand	Damp	Pronounced	50	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337165	NIN	7	518995	7104633	HB03	Light Brown	Sand	Damp	Pronounced	50	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337166	NIN	7	518953	7104661	HB03	Light Brown	Sand	Damp	Pronounced	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine			
1337167	NIN	7	518912	7104688	HB03	Light Brown	Sand	Damp	Pronounced	70	C	Alders	Sphagnum Moss < 30cm	Excellent	Fine			
1337168	NIN	7	518869	7104717	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1337169	NIN	7	518829	7104743	HB03	Light Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337170	NIN	7	518786	7104772	HB03	Light Brown	Sand	Damp	Pronounced	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine			
1337171	NIN	7	518746	7104801	HB03	Light Brown	Sand	Damp	Pronounced	100	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337172	NIN	7	518703	7104828	HB03	Light Brown	Sand	Damp	Pronounced	60	C	Alders	Sphagnum Moss < 30cm	Excellent	Fine			
1337173	NIN	7	518663	7104857	HB03	Light Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337175	NIN	7	518622	7104885	HB03	Dark Brown	Sand	Damp	Pronounced	60	C	Alders	Sphagnum Moss < 30cm	Excellent	Fine			
1337174	NIN	7	518622	7104885	HB03	Dark Brown	Sand	Damp	Pronounced	60	C	Alders	Sphagnum Moss < 30cm	Excellent	Fine			1337175
1337176	NIN	7	518580	7104914	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse			
1337177	NIN	7	518537	7104943	HB03	Light Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1337178	NIN	7	518496	7104969	HB03	Light Brown	Sand	Damp	Steep	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1337179	NIN	7	518455	7104998	HB03	Light Brown	Sand	Damp	Steep	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1337180	NIN	7	518414	7105023	HB03	Light Brown	Sand	Damp	Pronounced	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1337181	NIN	7	518372	7105052	HB03	Light Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337182	NIN	7	518330	7105081	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1337183	NIN	7	518288	7105110	HB03	Light Brown	Sand	Damp	Pronounced	40	C	Dwarf Birch	Reindeer Moss	Excellent	Fine			
1337184	NIN	7	518247	7105138	HB03	Light Brown	Sand	Damp	Subtle Slope	20	B	No Tree Cover	Reindeer Moss	Good	Fine			
1337185	NIN	7	518206	7105165	HB03	Light Brown	Sand	Damp	Pronounced	40	C	No Tree Cover	Reindeer Moss	Excellent	Fine			
1337186	NIN	7	518164	7105193	HB03	Light Brown	Sand	Damp	Pronounced	30	B	Dwarf Birch	Reindeer Moss	Good	Fine			
1337187	NIN	7	518122	7105221	HB03	Light Brown	Sand	Damp	Pronounced	20	B	Dwarf Birch	Reindeer Moss	Good	Fine			
1337188	NIN	7	518080	7105249	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Black Spruce	Reindeer Moss	Good	Fine			
1337189	NIN	7	518039	7105277	HB03	Light Brown	Sand	Damp	Pronounced	100	C	Dwarf Birch	Reindeer Moss	Excellent	Fine			
1337190	NIN	7	517998	7105305	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine			
1337191	NIN	7	517955	7105333	HB03	Light Brown	Sand	Damp	Steep	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1336373	NIN	7	519274	7104687	JM01	Dark Brown	Clay	Damp	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1336374	NIN	7	519233	7104715	JM01	Dark Brown	Clay	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky		
1336375	NIN	7	519233	7104715	JM01	Dark Brown	Clay	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky		1336374
1336376	NIN	7	519191	7104741	JM01	Dark Brown	Clay	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Partially Frozen		
1336377	NIN	7	519150	7104769	JM01	Dark Brown	Clay	Wet	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky		
1336378	NIN	7	519108	7104798	JM01	Dark Brown	Clay	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Rocky		
1336379	NIN	7	519067	7104825	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rusty Rock Chip		
1336380	NIN	7	519025	7104853	JM01	Dark Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky		
1336381	NIN	7	518984	7104882	JM01	Dark Brown	Clay	Damp	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky		
1336382	NIN	7	518942	7104909	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rusty Rock Chip		
1336383	NIN	7	518900	7104937	JM01	Dark Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky		
1336384	NIN	7	518859	7104964	JM01	Dark Brown	Clay	Damp	Pronounced	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336385	NIN	7	518816	7104993	JM01	Dark Brown	Sand	Damp	Pronounced	60	C	White Spruce	Thin Moss Cover	Excellent	Bright Orange Rust	Rocky		
1336386	NIN	7	518776	7105022	JM01	Chocolate Brown	Clay	Damp	Pronounced	40	B	White Spruce	Thin Moss Cover	Good	Rocky	Coarse		
1336387	NIN	7	518733	7105050	JM01	Chocolate Brown	Sand	Damp	Pronounced	40	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rusty Rock Chip		
1336388	NIN	7	518693	7105077	JM01	Chocolate Brown	Clay	Damp	Pronounced	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336389	NIN	7	518652	7105105	JM01	Chocolate Brown	Clay	Damp	Pronounced	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky		
1336390	NIN	7	518610	7105134	JM01	Dark Brown	Clay	Damp	Pronounced	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336391	NIN	7	518568	7105162	JM01	Chocolate Brown	Clay	Damp	Pronounced	50	B	Willows	Thin Moss Cover	Good	Rocky			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1336392	NIN	7	518527	7105190	JM01	Dark Brown	Clay	Damp	Pronounced	40	B	Willows	Sphagnum Moss < 30cm	Poor	Rocky			
1336393	NIN	7	518485	7105217	JM01	Chocolate Brown	Clay	Damp	Pronounced	50	B	Willows	Sphagnum Moss < 30cm	Good	Rocky	Coarse		
1336394	NIN	7	518444	7105246	JM01	Chocolate Brown	Clay	Damp	Pronounced	50	B	Willows	Sphagnum Moss < 30cm	Good	Coarse	Rocky		
1336395	NIN	7	518408	7105270	JM01	Dark Brown	Clay	Damp	Pronounced	50	B	Willows	Sphagnum Moss < 30cm	Poor	Rocky			
1336396	NIN	7	518365	7105297	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Willows	Thin Moss Cover	Good	Rocky	Coarse		
1336397	NIN	7	518322	7105328	JM01	Dark Brown	Clay	Damp	Subtle Slope	40	B	Subalpine Fir	Thin Moss Cover	Good	Rocky			
1336398	NIN	7	518280	7105356	JM01	Dark Brown	Clay	Damp	Subtle Slope	30	B	Subalpine Fir	Thin Moss Cover	Good	Mud	Rocky		
1336399	NIN	7	518239	7105384	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Subalpine Fir	Thin Moss Cover	Good	Coarse	Rocky		
1336400	NIN	7	518197	7105412	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Rocky			
1336402	NIN	7	518155	7105440	JM01	Dark Brown	Clay	Damp	Pronounced	50	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Rocky			
1336403	NIN	7	518114	7105468	JM01	Chocolate Brown	Clay	Damp	Pronounced	40	B	No Tree Cover	Thin Moss Cover	Good	Rocky			
1336404	NIN	7	518073	7105496	JM01	Chocolate Brown	Clay	Damp	Pronounced	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Rocky			
1336670	NIN	7	519106	7104438	KB01	Chocolate Brown	Sand	Damp	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336671	NIN	7	519067	7104463	KB01	Chocolate Brown	Sand	Damp	Pronounced	60	B	Black Spruce	Reindeer Moss	Good				
1336672	NIN	7	519025	7104492	KB01	Dark Brown	Sand	Wet	Pronounced	70	B	Black Spruce	Reindeer Moss	Good				
1336673	NIN	7	518983	7104520	KB01	Dark Brown	Sand	Damp	Pronounced	70	B	Alders	Leaf Cover	Good	Bright Orange Rust	Dull Red Rust		
1336674	NIN	7	518943	7104547	KB01	Dark Brown	Sand	Damp	Pronounced	60	B	Black Spruce	Grass Cover	Good	Rocky			
1336675	NIN	7	518943	7104547	KB01	Dark Brown	Sand	Damp	Pronounced	60	B	Black Spruce	Grass Cover	Good	Rocky			1336674
1336676	NIN	7	518901	7104576	KB01	Dark Brown	Sand	Damp	Pronounced	50	B	Black Spruce	Reindeer Moss	Good	Fine	Rocky		
1336677	NIN	7	518860	7104603	KB01	Dark Brown	Sand	Damp	Pronounced	80	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1336678	NIN	7	518818	7104632	KB01	Dark Brown	Sand	Damp	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Dull Red Rust			
1336679	NIN	7	518776	7104659	KB01	Dark Brown	Sand	Damp	Pronounced	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Dull Red Rust		
1336680	NIN	7	518735	7104687	KB01	Dark Brown	Sand	Dry	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1336681	NIN	7	518694	7104715	KB01	Dark Brown	Sand	Dry	Pronounced	80	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1336682	NIN	7	518651	7104743	KB01	Dark Brown	Sand	Dry	Pronounced	80	B	Black Spruce	Thin Moss Cover	Good	Bright Orange Rust			
1336683	NIN	7	518610	7104770	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336684	NIN	7	518568	7104799	KB01	Dark Brown	Sand	Dry	Pronounced	60	B	Black Spruce	Thin Moss Cover	Good	Fine	Dull Red Rust		
1336685	NIN	7	518527	7104827	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Dull Red Rust		
1336686	NIN	7	518486	7104855	KB01	Chocolate Brown	Silt	Dry	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rusty Rock Chip			
1336687	NIN	7	518444	7104884	KB01	Chocolate Brown	Sand	Dry	Steep	60	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1336688	NIN	7	518402	7104912	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Dwarf Birch	Reindeer Moss	Good	Fine			
1336689	NIN	7	518362	7104940	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	B	Dwarf Birch	Thin Moss Cover	Good	Fine			
1336690	NIN	7	518319	7104968	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Fine	Rocky		
1336691	NIN	7	518277	7104996	KB01	Chocolate Brown	Sand	Dry	Flat	30	B	No Tree Cover	Thin Moss Cover	Good	Fine	Rocky		
1336692	NIN	7	518236	7105024	KB01	Chocolate Brown	Sand	Dry	Flat	40	B	No Tree Cover	Thin Moss Cover	Good	Fine	Rocky		
1336693	NIN	7	518194	7105053	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Fine	Rocky		
1336694	NIN	7	518153	7105080	KB01	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rusty Rock Chip	Rocky		
1336695	NIN	7	518111	7105108	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	B	Black Spruce	Thin Moss Cover	Good	Rocky	Fine		
1336696	NIN	7	518070	7105136	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	A	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Quartz Chips		
1336697	NIN	7	518028	7105164	KB01	Chocolate Brown	Sand	Dry	Pronounced	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky		
1336698	NIN	7	517987	7105192	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rusty Rock Chip	Bright Orange Rust		
1336699	NIN	7	517945	7105220	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Black Spruce	Thin Moss Cover	Good	Rocky			
1336700	NIN	7	517904	7105248	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	B	Black Spruce	Thin Moss Cover	Good	Rusty Rock Chip	Rocky		
1336702	NIN	7	517862	7105276	KB01	Chocolate Brown	Sand	Damp	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336865	NIN	7	519217	7104601	ML01	Dark Brown	Sand	Damp	Pronounced	80	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1336866	NIN	7	519178	7104632	ML01	Dark Brown	Silt	Damp	Pronounced	70	B	Alders	Sphagnum Moss < 30cm	Good	Mud	Frozen		
1336867	NIN	7	519136	7104661	ML01	Dark Brown	Silt	Damp	Subtle Slope	70	B	Alders	Sphagnum Moss < 30cm	Good	Frozen	Mud		
1336868	NIN	7	519090	7104680	ML01	Dark Brown	Silt	Damp	Pronounced	60	B	Alders	Sphagnum Moss < 30cm	Good	Mud	Frozen		
1336869	NIN	7	519053	7104712	ML01	Dark Brown	Silt	Damp	Subtle Slope	50	B	Alders	Sphagnum Moss < 30cm	Good	Mud	Frozen		
1336870	NIN	7	519009	7104740	ML01	Dark Brown	Silt	Damp	Pronounced	60	B	Alders	Sphagnum Moss < 30cm	Good	Mud	Frozen		
1336871	NIN	7	518967	7104771	ML01	Dark Brown	Silt	Damp	Pronounced	70	B	Alders	Sphagnum Moss < 30cm	Good	Mud	Frozen		
1336872	NIN	7	518926	7104797	ML01	Dark Brown	Silt	Damp	Pronounced	70	B	Alders	Sphagnum Moss < 30cm	Good	Mud	Frozen		
1336873	NIN	7	518885	7104823	ML01	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Bright Orange Rust		
1336874	NIN	7	518841	7104849	ML01	Chocolate Brown	Sand	Dry	Pronounced	60	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Bright Orange Rust		
1336875	NIN	7	518842	7104846	ML01	Dark Blue Black	Sand	Dry	Pronounced	60	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Bright Orange Rust		

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1336876	NIN	7	518801	7104876	ML01	Chocolate Brown	Sand	Dry	Pronounced	80	C	Black Spruce	Thin Moss Cover	Good	Fine	Bright Orange Rust		
1336877	NIN	7	518759	7104908	ML01	Chocolate Brown	Sand	Dry	Pronounced	90	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Bright Orange Rust		
1336878	NIN	7	518713	7104933	ML01	Chocolate Brown	Sand	Dry	Pronounced	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Bright Orange Rust		
1336879	NIN	7	518677	7104964	ML01	Chocolate Brown	Sand	Dry	Steep	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Bright Orange Rust		
1336880	NIN	7	518635	7104990	ML01	Chocolate Brown	Sand	Dry	Steep	60	C	Black Spruce	Thin Moss Cover	Excellent	Rocky	Fine		
1336881	NIN	7	518589	7105015	ML01	Chocolate Brown	Sand	Dry	Steep	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Bright Orange Rust		
1336882	NIN	7	518550	7105045	ML01	Chocolate Brown	Sand	Damp	Steep	60	B	Alders	Sphagnum Moss < 30cm	Good	Rocky	Fine		
1336884	NIN	7	518463	7105094	ML01	Chocolate Brown	Silt	Damp	Steep	90	B	Alders	Sphagnum Moss < 30cm	Good	Mud	Rocky		
1336885	NIN	7	518422	7105124	ML01	Chocolate Brown	Sand	Dry	Steep	90	C	Alders	Sphagnum Moss < 30cm	Good	Fine	Bright Orange Rust		
1336886	NIN	7	518381	7105155	ML01	Chocolate Brown	Sand	Dry	Pronounced	30	B	Alders	Thin Moss Cover	Good	Fine	Bright Orange Rust		
1336887	NIN	7	518341	7105186	ML01	Chocolate Brown	Sand	Dry	Pronounced	30	B	Willows	Sphagnum Moss < 30cm	Good	Fine	Rocky		
1336888	NIN	7	518301	7105212	ML01	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Bright Orange Rust	Rocky		
1336889	NIN	7	518262	7105241	ML01	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Rock Cover	Good	Rocky			
1336890	NIN	7	518220	7105269	ML01	Dark Brown	Sand	Dry	Subtle Slope	30	B	Willows	Rock Cover	Good	Rocky	Fine		
1336891	NIN	7	518179	7105296	ML01	Chocolate Brown	Silt	Dry	Flat	30	A	Dwarf Birch	Rock Cover	Poor	Rocky			
1336892	NIN	7	518139	7105326	ML01	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Dwarf Birch	Rock Cover	Excellent	Fine	Rocky		
1336893	NIN	7	518093	7105347	ML01	Dark Brown	Sand	Dry	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Fine	Rocky		
1336894	NIN	7	518054	7105380	ML01	Chocolate Brown	Sand	Dry	Pronounced	60	C	Dwarf Birch	Thin Moss Cover	Good	Fine			
1336895	NIN	7	518014	7105408	ML01	Chocolate Brown	Sand	Dry	Steep	80	C	Subalpine Fir	Thin Moss Cover	Excellent	Fine			
1336883	NIN	7	518511	7105076	ML01	Dark Brown	Sand	Damp	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1336452	NIN	7	517919	7105360	SD02	Dark Brown	Sand	Damp	Subtle Slope	70	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1336453	NIN	7	517878	7105390	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1336454	NIN	7	517836	7105418	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1336455	NIN	7	517795	7105444	SD02	Dark Brown	Clay	Damp	Subtle Slope	70	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1336456	NIN	7	517753	7105472	SD02	Dark Brown	Sand	Damp	Subtle Slope	60	B	Dwarf Birch	Reindeer Moss	Good	Rocky			
1336457	NIN	7	517711	7105498	SD02	Chocolate Brown	Gravel	Damp	Subtle Slope	60	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1336458	NIN	7	517670	7105526	SD02	Dark Brown	Silt	Damp	Subtle Slope	70	B	Willows	Thin Moss Cover	Good	Rocky			
1336459	NIN	7	517628	7105555	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1336460	NIN	7	517587	7105583	SD02	Dark Brown	Sand	Damp	Subtle Slope	90	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Fine			
1336461	NIN	7	517545	7105611	SD02	Dark Brown	Clay	Damp	Subtle Slope	70	B	Willows	Sphagnum Moss < 30cm	Good				
1336462	NIN	7	517502	7105638	SD02	Dark Brown	Clay	Damp	Subtle Slope	50	B	Willows	Sphagnum Moss < 30cm	Good				
1336463	NIN	7	517462	7105666	SD02	Dark Brown	Gravel	Damp	Subtle Slope	60	B	Willows	Thin Moss Cover	Good	Bright Orange Rust			
1336464	NIN	7	517420	7105694	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Subalpine Fir	Thin Moss Cover	Good	Bright Orange Rust			
1336465	NIN	7	517476	7105777	SD02	Dark Brown	Sand	Damp	Subtle Slope	70	B	Dwarf Birch	Thin Moss Cover	Good	Fine	Rocky		
1336466	NIN	7	517517	7105748	SD02	Dark Brown	Sand	Damp	Subtle Slope	50	B	Subalpine Fir	Thin Moss Cover	Good	Fine			
1336467	NIN	7	517561	7105724	SD02	Dark Brown	Gravel	Damp	Subtle Slope	70	B	Subalpine Fir	Thin Moss Cover	Good				
1336468	NIN	7	517600	7105693	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Dwarf Birch	Thin Moss Cover	Good	Bright Orange Rust			
1336469	NIN	7	517642	7105664	SD02	Dark Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Thin Moss Cover	Poor	Rocky			
1336470	NIN	7	517684	7105637	SD02	Grey	Gravel	Wet	Pronounced	80	B	Willows	Thin Moss Cover	Good	Bright Orange Rust			
1336471	NIN	7	517725	7105609	SD02	Dark Brown	Sand	Wet	Pronounced	80	B	Black Spruce	Thin Moss Cover	Poor	Fine	Mud		
1336472	NIN	7	517766	7105580	SD02	Dark Brown	Gravel	Damp	Pronounced	70	B	Black Spruce	Thin Moss Cover	Good	Rocky			
1336473	NIN	7	517808	7105552	SD02	Dark Brown	Sand	Wet	Pronounced	60	B	Willows	Reindeer Moss	Poor	Rocky			
1336474	NIN	7	517851	7105526	SD02	Dark Brown	Sand	Damp	Subtle Slope	50	B	Willows	Thin Moss Cover	Good	Rocky			
1336475	NIN	7	517851	7105526	SD02	Dark Brown	Sand	Damp	Subtle Slope	50	B	Willows	Thin Moss Cover	Good	Rocky			1336474
1336476	NIN	7	517892	7105498	SD02	Dark Brown	Silt	Damp	Subtle Slope	40	B	Willows	Reindeer Moss	Poor	Rocky			
1336477	NIN	7	517933	7105469	SD02	Dark Brown	Clay	Damp	Subtle Slope	40	B	Willows	Reindeer Moss	Good	Rocky			
1336478	NIN	7	517976	7105443	SD02	Dark Brown	Gravel	Damp	Pronounced	40	B	Willows	Reindeer Moss	Good	Bright Orange Rust	Rocky		
1336479	NIN	7	518032	7105524	SD02	Dark Brown	Gravel	Damp	Flat	40	B	Dwarf Birch	Reindeer Moss	Good	Bright Orange Rust	Rocky		
1336480	NIN	7	517987	7105549	SD02	Dark Brown	Gravel	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Poor	Rocky			
1336481	NIN	7	517947	7105579	SD02	Dark Brown	Gravel	Damp	Pronounced	40	B	Dwarf Birch	Reindeer Moss	Poor	Rocky			
1336482	NIN	7	517906	7105606	SD02	Dark Brown	Gravel	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Poor	Organic 10%	Rocky		
1336483	NIN	7	517865	7105636	SD02	Dark Brown	Gravel	Dry	Pronounced	60	B	Willows	Reindeer Moss	Good	Rocky			
1336484	NIN	7	517821	7105662	SD02	Dark Brown	Gravel	Wet	Pronounced	50	B	Dwarf Birch	Grass Cover	Good	Mud	Rocky		
1336485	NIN	7	517781	7105692	SD02	Dark Brown	Sand	Damp	Subtle Slope	50	B	Dwarf Birch	Grass Cover	Poor	Partially Frozen			
1336486	NIN	7	517741	7105721	SD02	Dark Brown	Sand	Damp	Subtle Slope	50	B	Willows	Thin Moss Cover	Good	Rocky			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1336487	NIN	7	517698	7105747	SD02	Grey	Gravel	Wet	Subtle Slope	70	B	Black Spruce	Grass Cover	Good	Rocky			
1336488	NIN	7	517656	7105776	SD02	Grey	Sand	Damp	Subtle Slope	50	B	Subalpine Fir	Grass Cover	Good	Bright Orange Rust			
1336489	NIN	7	517616	7105804	SD02	Grey	Sand	Damp	Subtle Slope	40	B	Dwarf Birch	Grass Cover	Good	Rocky			
1336490	NIN	7	517575	7105833	SD02	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Dwarf Birch	Thin Moss Cover	Good	Bright Orange Rust			
1336491	NIN	7	517533	7105860	SD02	Dark Brown	Sand	Damp	Subtle Slope	40	B	Dwarf Birch	Grass Cover	Good	Fine	Rocky		
1337192	NIN	7	518246	7104776	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Dwarf Birch	Reindeer Moss	Good	Fine			
1337193	NIN	7	518287	7104748	HB03	Light Brown	Sand	Damp	Subtle Slope	50	B	Dwarf Birch	Reindeer Moss	Good	Fine			
1337194	NIN	7	518329	7104720	HB03	Light Brown	Sand	Damp	Pronounced	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337195	NIN	7	518371	7104692	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Dwarf Birch	Reindeer Moss	Good	Fine			
1337196	NIN	7	518412	7104665	HB03	Light Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine			
1337197	NIN	7	518453	7104636	HB03	Light Brown	Sand	Damp	Steep	50	C	Dwarf Birch	Reindeer Moss	Excellent	Fine			
1337198	NIN	7	518495	7104609	HB03	Light Brown	Sand	Damp	Pronounced	50	C	Dwarf Birch	Reindeer Moss	Good	Fine			
1337199	NIN	7	518537	7104581	HB03	Light Brown	Sand	Damp	Pronounced	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337200	NIN	7	518578	7104552	HB03	Light Brown	Sand	Damp	Pronounced	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine			
1337202	NIN	7	518619	7104524	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337203	NIN	7	518661	7104496	HB03	Light Brown	Sand	Damp	Pronounced	60	C	Alders	Sphagnum Moss < 30cm	Excellent	Fine			
1337204	NIN	7	518704	7104468	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337205	NIN	7	518744	7104441	HB03	Grey	Sand	Damp	Pronounced	40	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337206	NIN	7	518785	7104413	HB03	Light Brown	Sand	Damp	Pronounced	50	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337207	NIN	7	518828	7104385	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1337208	NIN	7	518869	7104356	HB03	Light Brown	Sand	Damp	Pronounced	50	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337209	NIN	7	518910	7104329	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337210	NIN	7	518953	7104301	HB03	Light Brown	Sand	Damp	Pronounced	60	C	Alders	Sphagnum Moss < 30cm	Excellent	Fine			
1337211	NIN	7	518993	7104273	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1337213	NIN	7	518204	7104805	HB03	Light Brown	Sand	Damp	Subtle Slope	30	B	White Spruce	Reindeer Moss	Good	Fine			
1337212	NIN	7	518163	7104832	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337214	NIN	7	518121	7104861	HB03	Light Brown	Sand	Damp	Pronounced	50	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337215	NIN	7	518079	7104890	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337216	NIN	7	518037	7104918	HB03	Light Brown	Sand	Damp	Pronounced	40	B	Alders	Sphagnum Moss < 30cm	Good	Fine			
1337220	NIN	7	517953	7104972	HB03	Light Brown	Sand	Damp	Pronounced	80	C	Alders	Sphagnum Moss < 30cm	Excellent	Fine			
1337219	NIN	7	517831	7105057	HB03	Light Brown	Sand	Damp	Pronounced	70	C	Alders	Sphagnum Moss < 30cm	Excellent	Fine			
1336405	NIN	7	519050	7104355	JM01	Dark Brown	Clay	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Mud		
1336406	NIN	7	519009	7104383	JM01	Dark Brown	Clay	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Partially Frozen		
1336407	NIN	7	518967	7104410	JM01	Dark Brown	Clay	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Partially Frozen		
1336408	NIN	7	518926	7104439	JM01	Dark Brown	Clay	Wet	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1336409	NIN	7	518884	7104467	JM01	Dark Brown	Clay	Wet	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Partially Frozen		
1336410	NIN	7	518843	7104495	JM01	Dark Brown	Clay	Damp	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1336411	NIN	7	518802	7104522	JM01	Chocolate Brown	Sand	Damp	Pronounced	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky		
1336412	NIN	7	518760	7104550	JM01	Dark Brown	Sand	Damp	Subtle Slope	80	B	Alders	Thin Moss Cover	Good	Coarse	Rocky		
1336413	NIN	7	518718	7104578	JM01	Dark Brown	Clay	Damp	Pronounced	60	B	Willows	Sphagnum Moss < 30cm	Good	Mud			
1336414	NIN	7	518676	7104608	JM01	Dark Brown	Clay	Damp	Pronounced	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336415	NIN	7	518635	7104633	JM01	Dark Brown	Clay	Damp	Pronounced	80	B	White Spruce	Thin Moss Cover	Good	Coarse			
1336416	NIN	7	518594	7104662	JM01	Dark Brown	Sand	Damp	Pronounced	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336417	NIN	7	518552	7104691	JM01	Dark Brown	Sand	Damp	Pronounced	40	B	Willows	Sphagnum Moss < 30cm	Good	Coarse	Rocky		
1336418	NIN	7	518511	7104719	JM01	Dark Brown	Sand	Damp	Pronounced	50	B	Willows	Sphagnum Moss < 30cm	Good	Coarse	Rocky		
1336419	NIN	7	518469	7104748	JM01	Dark Brown	Sand	Damp	Pronounced	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky		
1336420	NIN	7	518427	7104775	JM01	Dark Brown	Clay	Damp	Pronounced	50	B	Willows	Sphagnum Moss < 30cm	Good	Rocky			
1336421	NIN	7	518386	7104803	JM01	Dark Brown	Sand	Damp	Subtle Slope	40	B	Willows	Sphagnum Moss < 30cm	Good	Coarse	Rocky		
1336422	NIN	7	518345	7104831	JM01	Dark Brown	Clay	Damp	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Mud			
1336424	NIN	7	518303	7104859	JM01	Chocolate Brown	Clay	Damp	Pronounced	50	B	Willows	Sphagnum Moss < 30cm	Good	Coarse	Rocky		
1336425	NIN	7	518303	7104859	JM01	Chocolate Brown	Clay	Damp	Pronounced	50	B	Willows	Sphagnum Moss < 30cm	Good	Coarse	Rocky		1336424
1336423	NIN	7	518261	7104886	JM01	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	No Tree Cover	Thin Moss Cover	Good	Rocky			
1336426	NIN	7	518220	7104916	JM01	Chocolate Brown	Clay	Wet	Subtle Slope	40	B	No Tree Cover	Thin Moss Cover	Good	Rocky	Mud		
1336427	NIN	7	518182	7104940	JM01	Chocolate Brown	Clay	Damp	Pronounced	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336428	NIN	7	518142	7104967	JM01	Chocolate Brown	Clay	Damp	Pronounced	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1336429	NIN	7	518098	7104997	JM01	Dark Brown	Clay	Damp	Pronounced	60	B	Willows	Sphagnum Moss < 30cm	Good	Rocky			
1337217	NIN	7	518000	7104943	JM01	Chocolate Brown	Clay	Damp	Pronounced	40	B	Willows	Sphagnum Moss < 30cm	Good	Rocky			
1337218	NIN	7	517875	7105025	JM01	Chocolate Brown	Clay	Damp	Pronounced	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky		
1336703	NIN	7	517364	7105612	KB01	Chocolate Brown	Sand	Dry	Steep	70	B	Black Spruce	Reindeer Moss	Good	Fine	Dull Red Rust		
1336704	NIN	7	517406	7105584	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Dull Red Rust		
1336705	NIN	7	517446	7105556	KB01	Dark Brown	Sand	Damp	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine			
1336706	NIN	7	517488	7105528	KB01	Chocolate Brown	Sand	Damp	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Rusty Rock Chip		
1336707	NIN	7	517531	7105500	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	B	Black Spruce	Reindeer Moss	Good	Rocky			
1336708	NIN	7	517571	7105472	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky			
1336709	NIN	7	517612	7105444	KB01	Chocolate Brown	Sand	Dry	Pronounced	40	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1336710	NIN	7	517655	7105417	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Black Spruce	Thin Moss Cover	Good	Fine	Rocky		
1336711	NIN	7	517696	7105388	KB01	Chocolate Brown	Sand	Dry	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Rocky Sample		
1336712	NIN	7	517737	7105360	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Black Spruce	Reindeer Moss	Good	Fine			
1336713	NIN	7	517779	7105332	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	Rocky Sample		
1336714	NIN	7	517821	7105304	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Black Spruce	Thin Moss Cover	Good	Rocky			
1336715	NIN	7	517848	7105165	KB01	Chocolate Brown	Sand	Dry	Steep	70	B	Black Spruce	Thin Moss Cover	Good				
1336716	NIN	7	517889	7105137	KB01	Chocolate Brown	Sand	Dry	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Dull Red Rust		
1336717	NIN	7	517931	7105109	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Dwarf Birch	Thin Moss Cover	Good	Rusty Rock Chip	Bright Orange Rust		
1336718	NIN	7	517973	7105081	KB01	Chocolate Brown	Sand	Dry	Pronounced	70	B	Dwarf Birch	Thin Moss Cover	Good	Bright Orange Rust			
1336719	NIN	7	518014	7105052	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Black Spruce	Thin Moss Cover	Good	Rusty Rock Chip			
1336720	NIN	7	518056	7105025	KB01	Chocolate Brown	Sand	Damp	Pronounced	70	B	Dwarf Birch	Thin Moss Cover	Good	Rocky			
1336721	NIN	7	517917	7104998	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Fine		
1336722	NIN	7	517792	7105082	KB01	Chocolate Brown	Sand	Dry	Pronounced	60	B	Black Spruce	Reindeer Moss	Good	Rocky			
1298444	SIX	7	522169	7100188	ML01	Dark Brown	Sand	Dry	Flat	70	C	Black Spruce	Sphagnum Moss < 30cm	Good				
1298445	SIX	7	522120	7100186	ML01	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1298446	SIX	7	522069	7100189	ML01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1298447	SIX	7	522021	7100186	ML01	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1298448	SIX	7	521969	7100184	ML01	Chocolate Brown	Sand	Wet	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1298449	SIX	7	521920	7100186	ML01	Chocolate Brown	Sand	Dry	Pronounced	90	C	Black Spruce	Sphagnum Moss < 30cm	Excellent				
1298450	SIX	7	521868	7100182	ML01	Dark Brown	Sand	Wet	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1339176	SIX	7	521825	7100187	ML01	Chocolate Brown	Sand	Damp	Pronounced	60	C	Black Spruce	Sphagnum Moss < 30cm	Good				
1339177	SIX	7	521768	7100188	ML01	Chocolate Brown	Sand	Wet	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1339178	SIX	7	521718	7100185	ML01	Chocolate Brown	Sand	Dry	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1339179	SIX	7	521718	7100283	ML01	Chocolate Brown	Sand	Wet	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1339180	SIX	7	521768	7100287	ML01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1339181	SIX	7	521817	7100285	ML01	Chocolate Brown	Sand	Dry	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust			
1339182	SIX	7	521873	7100285	ML01	Chocolate Brown	Sand	Wet	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Mud		
1339183	SIX	7	521919	7100287	ML01	Chocolate Brown	Sand	Damp	Pronounced	90	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Bright Orange Rust		
1339184	SIX	7	521968	7100286	ML01	Chocolate Brown	Sand	Damp	Subtle Slope	100	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1339185	SIX	7	522022	7100286	ML01	Chocolate Brown	Sand	Damp	Pronounced	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1339186	SIX	7	522070	7100287	ML01	Chocolate Brown	Sand	Damp	Pronounced	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1339187	SIX	7	522122	7100286	ML01	Dark Brown	Sand	Dry	Pronounced	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent				
1339188	SIX	7	522170	7100287	ML01	Dark Brown	Sand	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1339189	SIX	7	522168	7100387	ML01	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good				
1339190	SIX	7	522118	7100386	ML01	Chocolate Brown	Sand	Dry	Pronounced	70	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Dull Red Rust			
1339191	SIX	7	522067	7100389	ML01	Chocolate Brown	Sand	Dry	Pronounced	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent				
1339192	SIX	7	522016	7100388	ML01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1339193	SIX	7	521967	7100389	ML01	Chocolate Brown	Sand	Wet	Pronounced	100	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1339194	SIX	7	521921	7100386	ML01	Dark Brown	Silt	Damp	Subtle Slope	30	A	Black Spruce	Sphagnum Moss < 30cm	Poor	Clay	Frozen		
1339195	SIX	7	521865	7100388	ML01	Grey	Clay	Damp	Pronounced	70	A	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen			
1339196	SIX	7	521817	7100387	ML01	Reddish Brown	Sand	Dry	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust			
1298241	SIX	7	520430	7100286	PS01	Chocolate Brown	Silt	Damp	Pronounced	50	B	Willows	Sphagnum Moss < 30cm	Good	Coarse			
1298242	SIX	7	520469	7100286	PS01	Chocolate Brown	Clay	Wet	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1298243	SIX	7	520521	7100286	PS01	Chocolate Brown	Clay	Wet	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Partially Frozen		
1298244	SIX	7	520570	7100285	PS01	Chocolate Brown	Clay	Damp	Pronounced	80	B	Willows	Sphagnum Moss < 30cm	Good	Mud			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1298246	SIX	7	520668	7100287	PS01	Chocolate Brown	Clay	Wet	Pronounced	90	B	Alders	Sphagnum Moss < 30cm	Good	Coarse			
1298247	SIX	7	520721	7100286	PS01	Chocolate Brown	Clay	Wet	Pronounced	90	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rusty Rock Chip		
1298248	SIX	7	520769	7100287	PS01	Chocolate Brown	Clay	Wet	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Mud		
1298249	SIX	7	520821	7100286	PS01	Chocolate Brown	Clay	Wet	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Mud		
1298250	SIX	7	520872	7100286	PS01	Chocolate Brown	Silt	Wet	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1386717	SIX	7	520920	7100286	PS01	Chocolate Brown	Silt	Wet	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rusty Rock Chip			
1386702	SIX	7	520970	7100287	PS01	Chocolate Brown	Silt	Damp	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Bright Orange Rust		
1386703	SIX	7	521018	7100287	PS01	Chocolate Brown	Silt	Damp	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rusty Rock Chip		
1386704	SIX	7	521070	7100286	PS01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Rusty Rock Chip			
1386705	SIX	7	521122	7100285	PS01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1386706	SIX	7	521170	7100285	PS01	Chocolate Brown	Silt	Damp	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Bright Orange Rust		
1386707	SIX	7	521220	7100286	PS01	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Dull Red Rust		
1386708	SIX	7	521271	7100286	PS01	Chocolate Brown	Clay	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Organic 10%		
1386709	SIX	7	521320	7100285	PS01	Chocolate Brown	Clay	Damp	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Organic 25%		
1386710	SIX	7	521372	7100286	PS01	Bluish Grey	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1386711	SIX	7	521423	7100286	PS01	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Rusty Rock Chip		
1386712	SIX	7	521472	7100286	PS01	Chocolate Brown	Clay	Damp	Subtle Slope	90	B	Black Spruce	Sphagnum Moss < 30cm	Good				
1386713	SIX	7	521524	7100286	PS01	Chocolate Brown	Clay	Wet	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1386714	SIX	7	521570	7100286	PS01	Chocolate Brown	Clay	Wet	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Poor	Partially Frozen	Organic 10%		
1386715	SIX	7	521622	7100287	PS01	Chocolate Brown	Clay	Wet	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Organic 10%		
1386716	SIX	7	521671	7100286	PS01	Chocolate Brown	Silt	Wet	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Mud		
1338754	SIX	7	520421	7100386	WW01	Chocolate Brown	Sand	Wet	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Good				
1338755	SIX	7	520470	7100386	WW01	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Good	Rusty Rock Chip			
1338756	SIX	7	520520	7100387	WW01	Dark Brown	Sand	Wet	Subtle Slope	60	B	Willows	Sphagnum Moss > 30cm	Poor	Mud	Possible Creek Contamination		
1338757	SIX	7	520569	7100386	WW01	Chocolate Brown	Sand	Wet	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1338758	SIX	7	520618	7100386	WW01	Chocolate Brown	Sand	Damp	Pronounced	90	C	Alders	Sphagnum Moss < 30cm	Excellent	Coarse	Rusty Rock Chip		
1338759	SIX	7	520670	7100386	WW01	Chocolate Brown	Sand	Wet	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1338760	SIX	7	520721	7100385	WW01	Chocolate Brown	Sand	Wet	Pronounced	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Partially Frozen		
1338761	SIX	7	520771	7100386	WW01	Chocolate Brown	Sand	Wet	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Poor				
1338762	SIX	7	520821	7100385	WW01	Chocolate Brown	Sand	Wet	Subtle Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Good				
1338763	SIX	7	520871	7100386	WW01	Chocolate Brown	Sand	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud			
1338764	SIX	7	520921	7100386	WW01	Chocolate Brown	Sand	Damp	Pronounced	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rusty Rock Chip			
1338765	SIX	7	520972	7100386	WW01	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good				
1338766	SIX	7	521022	7100387	WW01	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud			
1338767	SIX	7	521072	7100386	WW01	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good				
1338768	SIX	7	521118	7100386	WW01	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Partially Frozen		
1338769	SIX	7	521167	7100385	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1338770	SIX	7	521218	7100386	WW01	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good				
1338771	SIX	7	521269	7100385	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1338772	SIX	7	521318	7100386	WW01	Chocolate Brown	Clay	Wet	Pronounced	80	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud			
1338773	SIX	7	521368	7100386	WW01	Chocolate Brown	Sand	Wet	Pronounced	100	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rusty Rock Chip			
1360376	SIX	7	521419	7100386	WW01	Dark Blue Black	Sand	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1360377	SIX	7	521469	7100385	WW01	Chocolate Brown	Sand	Wet	Flat	80	C	Alders	Grass Cover	Poor	Mud			
1360378	SIX	7	521519	7100386	WW01	Dark Brown	Sand	Wet	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud			
1360379	SIX	7	521570	7100385	WW01	Dark Brown	Clay	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud			
1360380	SIX	7	521620	7100386	WW01	Chocolate Brown	Sand	Wet	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1360381	SIX	7	521670	7100386	WW01	Chocolate Brown	Clay	Wet	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud			
1360382	SIX	7	521719	7100386	WW01	Chocolate Brown	Clay	Wet	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud			
1360383	SIX	7	521768	7100386	WW01	Chocolate Brown	Sand	Wet	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1393450	SIX	7	520418	7100186	YV01	Chocolate Brown	Silt	Wet	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1353076	SIX	7	520469	7100186	YV01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1353077	SIX	7	520518	7100187	YV01	Dark Brown	Silt	Damp	Pronounced	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1353078	SIX	7	520572	7100187	YV01	Chocolate Brown	Silt	Damp	Pronounced	60	B	Alders	Thin Moss Cover	Good	Sandy			
1353079	SIX	7	520618	7100187	YV01	Chocolate Brown	Silt	Damp	Pronounced	70	B	Alders	Thin Moss Cover	Good	Sandy			
1353080	SIX	7	520670	7100187	YV01	Chocolate Brown	Silt	Damp	Pronounced	70	B	Dwarf Birch	Thin Moss Cover	Good	Sandy			

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1353081	SIX	7	520722	7100187	YV01	Chocolate Brown	Silt	Damp	Pronounced	80	B	Alders	Thin Moss Cover	Good	Sandy			
1353082	SIX	7	520769	7100187	YV01	Dark Brown	Silt	Damp	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1353083	SIX	7	520821	7100187	YV01	Chocolate Brown	Silt	Wet	Pronounced	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Sandy		
1353084	SIX	7	520871	7100187	YV01	Chocolate Brown	Sand	Wet	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Mud		
1353085	SIX	7	520919	7100186	YV01	Dark Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	Rocky Terrain		
1353086	SIX	7	520971	7100187	YV01	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1353087	SIX	7	521020	7100187	YV01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1353088	SIX	7	521072	7100187	YV01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1353089	SIX	7	521120	7100187	YV01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	Rusty Rock Chip		
1353090	SIX	7	521171	7100188	YV01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1353091	SIX	7	521223	7100187	YV01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1353092	SIX	7	521271	7100187	YV01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1353093	SIX	7	521321	7100187	YV01	Dark Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Poor				
1353094	SIX	7	521373	7100187	YV01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1353095	SIX	7	521421	7100187	YV01	Chocolate Brown	Silt	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1353096	SIX	7	521471	7100187	YV01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1353097	SIX	7	521524	7100187	YV01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	Bright Orange Rust		
1353098	SIX	7	521573	7100187	YV01	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy			
1353099	SIX	7	521622	7100187	YV01	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Bright Orange Rust		
1353100	SIX	7	521672	7100187	YV01	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Mud		
1338847	SIX	7	520518	7100588	BH01	Chocolate Brown	Clay	Damp	Flat	60	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338848	SIX	7	520418	7100584	BH01	Chocolate Brown	Clay	Damp	Pronounced	60	B	Black Spruce	Reindeer Moss	Good	Rocky	Partially Frozen		
1338849	SIX	7	520366	7100586	BH01	Chocolate Brown	Clay	Damp	Pronounced	80	B	Black Spruce	Reindeer Moss	Good	Rocky			
1338850	SIX	7	520319	7100587	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338852	SIX	7	520269	7100588	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338853	SIX	7	520218	7100586	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338854	SIX	7	520170	7100585	BH01	Dark Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Poor	Organic 10%	Partially Frozen		
1338855	SIX	7	520171	7100688	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Poor	Mud	Partially Frozen		
1338856	SIX	7	520221	7100688	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338857	SIX	7	520270	7100686	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338858	SIX	7	520320	7100687	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	90	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338859	SIX	7	520373	7100687	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338860	SIX	7	520420	7100686	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	20	B	Black Spruce	Reindeer Moss	Poor	Organic 10%	Partially Frozen		
1338861	SIX	7	520520	7100686	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Mud	Partially Frozen		
1338862	SIX	7	520569	7100687	BH01	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Good	Rocky			
1338863	SIX	7	520620	7100689	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Mud	Partially Frozen		
1338864	SIX	7	520620	7100587	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1338865	SIX	7	520570	7100586	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338876	SIX	7	520618	7100488	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338877	SIX	7	520570	7100486	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Good	Mud	Rocky		
1338878	SIX	7	520469	7100486	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Poor	Organic 25%	Partially Frozen		
1338879	SIX	7	520421	7100485	BH01	Chocolate Brown	Clay	Damp	Pronounced	40	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1338880	SIX	7	520370	7100486	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1338881	SIX	7	520372	7100386	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338882	SIX	7	520317	7100386	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Poor	Organic 10%	Partially Frozen		
1338883	SIX	7	520271	7100387	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Poor	Organic 10%	Partially Frozen		
1338884	SIX	7	520220	7100386	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338885	SIX	7	520169	7100386	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Poor	Organic 10%	Partially Frozen		
1338886	SIX	7	520170	7100486	BH01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338887	SIX	7	520219	7100485	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1338888	SIX	7	520269	7100486	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Poor	Partially Frozen			
1338889	SIX	7	520320	7100486	BH01	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Poor	Organic 25%	Partially Frozen		
1339211	SIX	7	520670	7100686	PS01	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1339212	SIX	7	520720	7100687	PS01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1339213	SIX	7	520771	7100687	PS01	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Bright Orange Rust	Partially Frozen		

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1339214	SIX	7	520820	7100687	PS01	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1339215	SIX	7	520873	7100686	PS01	Chocolate Brown	Clay	Damp	Pronounced	60	B	Black Spruce	Reindeer Moss	Good	Sandy			
1339216	SIX	7	520921	7100687	PS01	Chocolate Brown	Clay	Damp	Pronounced	50	B	Black Spruce	Reindeer Moss	Good	Coarse	Partially Frozen		
1339217	SIX	7	520971	7100687	PS01	Chocolate Brown	Silt	Damp	Pronounced	40	B	Black Spruce	Grass Cover	Good	Clay	Partially Frozen		
1339218	SIX	7	521021	7100687	PS01	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1339219	SIX	7	521072	7100686	PS01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Rusty Rock Chip			
1339220	SIX	7	521123	7100687	PS01	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1339221	SIX	7	521172	7100687	PS01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good				
1339222	SIX	7	521222	7100686	PS01	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1339223	SIX	7	521273	7100687	PS01	Dark Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Poor	Frozen	Organic 10%		
1339224	SIX	7	521323	7100686	PS01	Bluish Grey	Clay	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1339225	SIX	7	521323	7100686	PS01	Bluish Grey	Clay	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			1339224
1336430	SIX	7	521372	7100687	PS01	Dark Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Poor	Partially Frozen	Organic 10%		
1336431	SIX	7	521422	7100686	PS01	Dark Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Poor	Partially Frozen	Organic 25%		
1353102	SIX	7	521469	7100686	PS01	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1353103	SIX	7	521517	7100687	PS01	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1353104	SIX	7	521567	7100687	PS01	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Clay	Partially Frozen		
1353105	SIX	7	521618	7100686	PS01	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1353106	SIX	7	521668	7100686	PS01	Bluish Grey	Clay	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Poor	Partially Frozen	Organic 10%		
1353107	SIX	7	521720	7100686	PS01	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Sandy			
1353108	SIX	7	521768	7100687	PS01	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good				
1336432	SIX	7	521820	7100686	PS01	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good				
1336433	SIX	7	521868	7100687	PS01	Chocolate Brown	Silt	Damp	Pronounced	50	B	Black Spruce	Leaf Cover	Good	Rusty Rock Chip			
1336434	SIX	7	521921	7100686	PS01	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Good				
1336435	SIX	7	521969	7100686	PS01	Chocolate Brown	Clay	Damp	Pronounced	70	B	Black Spruce	Reindeer Moss	Good				
1336436	SIX	7	522019	7100686	PS01	Chocolate Brown	Clay	Damp	Pronounced	80	B	Black Spruce	Leaf Cover	Good	Bright Orange Rust			
1336437	SIX	7	522070	7100686	PS01	Dark Brown	Clay	Wet	Flat	40	B	Black Spruce	Reindeer Moss	Poor	Organic 25%	Possible C	frozen	
1336438	SIX	7	522117	7100687	PS01	Chocolate Brown	Clay	Wet	Pronounced	40	B	Black Spruce	Reindeer Moss	Poor	Partially Frozen			
1336439	SIX	7	522169	7100686	PS01	Chocolate Brown	Clay	Damp	Pronounced	40	B	Black Spruce	Reindeer Moss	Poor	Organic 25%	Partially Frozen		
1356184	SIX	7	520670	7100486	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Rocky	part. frozen	
1356185	SIX	7	520716	7100486	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Partially Frozen		
1356186	SIX	7	520765	7100486	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Partially Frozen		
1356187	SIX	7	520816	7100485	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Rocky		
1356188	SIX	7	520866	7100485	RR02	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen		
1356189	SIX	7	520916	7100485	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Fine		
1356190	SIX	7	520967	7100487	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen		
1356191	SIX	7	521016	7100485	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen		
1356192	SIX	7	521066	7100486	RR02	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen		
1356193	SIX	7	521116	7100486	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Partially Frozen		
1356194	SIX	7	521167	7100487	RR02	Dark Brown	Silt	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Organic 25%		
1356195	SIX	7	521216	7100484	RR02	Dark Brown	Silt	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Partially Frozen		
1356196	SIX	7	521267	7100486	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen		
1356197	SIX	7	521317	7100486	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Frozen		
1356198	SIX	7	521368	7100486	RR02	Dark Brown	Silt	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Organic 25%		
1356199	SIX	7	521418	7100487	RR02	Dark Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen			
1356200	SIX	7	521468	7100485	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen			
1356202	SIX	7	521519	7100486	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen		
1356203	SIX	7	521568	7100485	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen			
1356204	SIX	7	521618	7100485	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen			
1356205	SIX	7	521668	7100486	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen			
1356206	SIX	7	521718	7100486	RR02	Chocolate Brown	Sand	Damp	Subtle Slope	110	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1356207	SIX	7	521768	7100485	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky		
1356208	SIX	7	521818	7100486	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen		
1356209	SIX	7	521869	7100486	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Partially Frozen		
1356210	SIX	7	521920	7100486	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse	Partially Frozen		

sample_id	grid_i	utn	utm_east	utm_north	technic	colour	texture	moistur	site_slope	depth	hori	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of
1356211	SIX	7	521969	7100486	RR02	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Organic 25%		
1356212	SIX	7	522020	7100487	RR02	Chocolate Brown	Silt	Wet	Pronounced	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen			
1356213	SIX	7	522069	7100486	RR02	Chocolate Brown	Silt	Wet	Pronounced	60	B	Alders	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen		
1356214	SIX	7	522120	7100485	RR02	Chocolate Brown	Sand	Damp	Pronounced	40	C	Black Spruce	Thin Moss Cover	Good	Fine			
1356215	SIX	7	522170	7100486	RR02	Chocolate Brown	Silt	Damp	Pronounced	60	B	Black Spruce	Thin Moss Cover	Good	Coarse			
1316716	SIX	7	520670	7100587	WW01	Dark Brown	Clay	Wet	Pronounced	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Partially Frozen		
1316717	SIX	7	520717	7100587	WW01	Dark Brown	Sand	Wet	Pronounced	80	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud			
1316718	SIX	7	520767	7100587	WW01	Chocolate Brown	Sand	Wet	Pronounced	60	C	Black Spruce	Sphagnum Moss < 30cm	Good				
1316719	SIX	7	520817	7100587	WW01	Chocolate Brown	Sand	Wet	Pronounced	80	C	Black Spruce	Sphagnum Moss < 30cm	Good				
1316720	SIX	7	520867	7100587	WW01	Chocolate Brown	Sand	Wet	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Good				
1316721	SIX	7	520918	7100587	WW01	Chocolate Brown	Sand	Wet	Pronounced	60	C	Black Spruce	Sphagnum Moss < 30cm	Good				
1316722	SIX	7	520967	7100587	WW01	Dark Brown	Sand	Wet	Pronounced	50	C	Black Spruce	Sphagnum Moss < 30cm	Good				
1316723	SIX	7	521018	7100587	WW01	Dark Brown	Clay	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen			
1339102	SIX	7	521067	7100587	WW01	Dark Brown	Clay	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Partially Frozen		
1339103	SIX	7	521117	7100587	WW01	Dark Brown	Clay	Wet	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Poor	Mud	Partially Frozen		
1339104	SIX	7	521168	7100587	WW01	Dark Brown	Sand	Wet	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	Partially Frozen		some orange grit	
1339105	SIX	7	521218	7100586	WW01	Dark Brown	Clay	Wet	Pronounced	50	B	Black Spruce	Grass Cover	Poor	Frozen			
1339106	SIX	7	521268	7100587	WW01	Chocolate Brown	Sand	Wet	Pronounced	60	B	Black Spruce	Reindeer Moss	Good	Mud			
1339107	SIX	7	521319	7100586	WW01	Chocolate Brown	Sand	Wet	Pronounced	60	B	Black Spruce	Reindeer Moss	Good	Mud	Partially Frozen		
1339108	SIX	7	521369	7100587	WW01	Chocolate Brown	Sand	Wet	Pronounced	60	C	Black Spruce	Reindeer Moss	Good	Coarse			
1339109	SIX	7	521419	7100587	WW01	Chocolate Brown	Sand	Wet	Pronounced	60	C	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1339110	SIX	7	521469	7100587	WW01	Dark Brown	Sand	Wet	Pronounced	50	B	Black Spruce	Reindeer Moss	Good	Partially Frozen	Mud		
1339111	SIX	7	521519	7100586	WW01	Dark Brown	Sand	Wet	Pronounced	60	B	Black Spruce	Reindeer Moss	Good	Mud			
1339112	SIX	7	521568	7100586	WW01	Dark Brown	Clay	Wet	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Poor	Mud	Partially Frozen		
1339113	SIX	7	521618	7100587	WW01	Dark Brown	Clay	Wet	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Poor	Partially Frozen			
1339114	SIX	7	521668	7100586	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Good	Mud			
1339115	SIX	7	521719	7100587	WW01	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Good				
1339116	SIX	7	521768	7100586	WW01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine			
1339117	SIX	7	521819	7100586	WW01	Chocolate Brown	Sand	Damp	Pronounced	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1339118	SIX	7	521869	7100586	WW01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1339119	SIX	7	521919	7100586	WW01	Dark Brown	Sand	Wet	Subtle Slope	90	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud			
1339120	SIX	7	521968	7100587	WW01	Dark Brown	Sand	Wet	Subtle Slope	90	B	Black Spruce	Reindeer Moss	Poor	Mud			
1339121	SIX	7	522019	7100587	WW01	Chocolate Brown	Sand	Wet	Pronounced	70	C	Alders	Sphagnum Moss < 30cm	Good				
1339122	SIX	7	522169	7100586	WW01	Reddish Brown	Sand	Damp	Pronounced	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1339123	SIX	7	522121	7100586	WW01	Chocolate Brown	Sand	Damp	Pronounced	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1339124	SIX	7	522070	7100587	WW01	Reddish Brown	Sand	Wet	Pronounced	90	C	Alders	Sphagnum Moss < 30cm	Good				
1339125	SIX	7	522070	7100587	WW01	Reddish Brown	Sand	Damp	Pronounced	120	C	Alders	Sphagnum Moss < 30cm	Excellent	Coarse	Rusty Rock Chip		1339124

Appendix V
Geochemical Results

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: July 25, 2013
Report Date: August 15, 2013
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI13000194.1

CLIENT JOB INFORMATION

Project: Fiftymile (NIN)
Shipment ID: FIF-Soil2013-001
P.O. Number
Number of Samples: 320

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	320	Dry at 60C			WHI
SS80	316	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1377712	Soil	0.3	9.3	18.4	89	<0.1	4.9	2.6	557	1.75	1.6	0.6	1.1	7.6	25	<0.1	0.4	<0.1	27	0.21	0.050
1377713	Soil	1.1	20.5	8.2	68	<0.1	10.4	11.0	944	4.78	4.3	0.8	3.0	3.0	17	<0.1	1.0	0.2	55	0.44	0.104
1377715	Soil	0.8	42.6	38.6	132	0.3	33.5	20.2	699	4.49	80.5	0.5	1.9	6.3	20	0.3	3.9	0.3	107	0.23	0.023
1377716	Soil	0.8	56.8	52.1	137	1.0	30.7	16.7	573	4.18	76.6	0.5	17.6	5.2	17	0.4	14.2	7.5	91	0.19	0.016
1377718	Soil	0.9	138.8	19.7	89	0.2	38.8	21.0	639	4.59	134.4	0.5	7.5	4.4	17	0.2	10.5	1.0	107	0.38	0.026
1377719	Soil	0.6	183.0	53.5	146	0.8	41.0	22.8	857	5.37	86.6	1.0	27.2	5.5	35	0.4	3.4	1.3	111	0.43	0.019
1377720	Soil	0.8	68.1	106.0	154	0.3	42.8	24.7	884	5.45	153.2	1.0	6.6	7.7	24	0.5	13.7	0.5	123	0.28	0.019
1377721	Soil	5.7	53.3	24.1	110	0.2	31.1	18.6	839	4.26	42.3	1.3	7.6	8.1	17	0.4	2.2	0.4	66	0.39	0.039
1377722	Soil	4.5	35.4	19.4	68	0.2	21.8	11.5	310	2.96	9.1	0.5	3.6	4.2	18	0.2	0.9	0.2	71	0.22	0.020
1377723	Soil	1.0	32.4	8.6	61	0.1	27.3	11.3	440	2.54	13.5	0.6	3.6	4.1	46	0.2	1.0	0.2	57	1.46	0.073
1377726	Soil	0.6	22.2	9.3	67	0.1	18.5	9.1	364	2.52	8.9	0.8	2.5	3.6	34	0.2	0.7	0.1	51	0.88	0.063
1377711	Soil	0.6	17.4	10.9	72	<0.1	14.2	7.8	465	2.60	6.2	0.9	2.0	9.0	18	<0.1	0.6	0.1	58	0.20	0.035
1377708	Soil	1.3	38.0	15.1	87	<0.1	35.9	16.1	537	3.90	7.6	1.2	2.5	10.5	16	0.1	0.5	0.2	61	0.14	0.025
1377710	Soil	1.1	25.1	12.0	53	<0.1	20.6	8.8	272	2.97	3.7	1.0	1.3	4.9	18	<0.1	0.4	0.2	55	0.14	0.024
1377717	Soil	0.9	22.1	12.8	56	<0.1	21.7	10.3	260	2.73	14.2	0.5	3.2	3.9	18	<0.1	1.2	0.2	64	0.21	0.010
1377714	Soil	0.4	29.5	16.1	132	<0.1	40.0	22.4	850	4.99	68.7	0.5	2.6	6.0	19	0.2	1.7	2.3	114	0.29	0.046
1291294	Soil	1.0	25.5	10.2	59	0.1	22.0	10.4	555	2.80	12.2	0.8	2.2	3.6	33	0.2	0.7	0.2	55	0.43	0.064
1291284	Soil	0.8	67.9	23.0	65	0.2	21.4	12.6	470	3.00	63.2	1.0	5.1	4.2	19	<0.1	4.9	0.4	74	0.35	0.023
1377704	Soil	0.9	19.2	9.7	62	<0.1	29.5	12.8	238	3.29	5.9	0.4	1.5	2.9	11	<0.1	0.4	0.3	60	0.09	0.023
1377709	Soil	1.2	31.9	12.8	77	<0.1	28.4	17.7	865	3.71	3.8	1.2	1.3	8.5	15	<0.1	0.2	0.2	56	0.12	0.023
1291289	Soil	1.1	31.1	12.8	77	0.1	26.8	10.3	329	2.77	14.5	0.9	3.6	4.6	32	0.4	1.1	0.2	58	0.47	0.073
1291293	Soil	0.8	21.2	8.9	80	<0.1	15.1	7.7	376	2.89	4.4	0.8	1.5	4.5	27	<0.1	1.5	0.1	52	0.43	0.072
1377702	Soil	1.1	46.0	19.9	78	<0.1	31.4	13.2	340	3.66	8.0	1.1	4.7	3.2	10	0.2	0.4	0.3	52	0.08	0.027
1377705	Soil	1.2	16.8	9.0	38	<0.1	12.1	5.1	146	1.73	3.2	0.6	0.7	1.0	10	<0.1	0.3	0.1	37	0.08	0.028
1291292	Soil	0.8	33.5	9.9	61	<0.1	19.3	9.2	338	2.87	5.4	1.1	6.3	5.7	29	<0.1	0.5	0.2	62	0.35	0.033
1291291	Soil	1.3	21.7	12.4	60	<0.1	16.5	5.6	262	2.30	4.8	1.2	4.3	6.2	21	0.1	0.7	0.1	39	0.29	0.050
1377703	Soil	0.7	45.2	13.1	94	<0.1	46.0	23.3	593	3.99	4.3	1.0	6.2	4.3	10	<0.1	0.4	0.3	47	0.08	0.014
1377706	Soil	1.8	30.8	11.1	72	<0.1	29.9	12.0	381	3.21	8.4	0.9	3.1	5.5	13	0.1	0.5	0.3	56	0.14	0.032
1291288	Soil	1.7	59.2	87.2	224	0.3	41.6	20.1	892	4.01	97.9	0.9	13.9	5.2	27	1.1	6.8	0.6	93	0.50	0.043
1291290	Soil	0.3	9.7	6.2	71	<0.1	5.4	5.1	592	2.71	1.7	1.0	0.9	7.5	18	<0.1	0.5	<0.1	32	0.35	0.072

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1377712	Soil	17	5	0.18	459	0.005	1	0.75	0.005	0.16	<0.1	0.15	2.8	<0.1	<0.05	3	<0.5	<0.2
1377713	Soil	8	10	0.30	867	0.011	1	1.38	0.007	0.13	<0.1	0.06	12.5	<0.1	<0.05	5	0.7	<0.2
1377715	Soil	10	129	1.67	171	0.159	<1	3.49	0.009	0.06	0.2	0.01	8.7	<0.1	<0.05	10	0.5	<0.2
1377716	Soil	11	100	1.31	182	0.075	2	3.09	0.008	0.06	0.2	0.03	7.0	0.2	<0.05	8	<0.5	<0.2
1377718	Soil	8	127	1.56	150	0.201	2	3.63	0.011	0.09	0.6	0.02	6.5	0.1	<0.05	10	0.8	<0.2
1377719	Soil	16	157	2.02	207	0.223	1	3.24	0.013	0.27	0.3	0.02	11.5	0.4	<0.05	10	0.6	<0.2
1377720	Soil	17	158	2.04	201	0.142	<1	3.54	0.011	0.19	0.3	0.03	14.1	0.4	<0.05	11	<0.5	0.3
1377721	Soil	21	90	1.05	293	0.035	<1	2.07	0.007	0.22	0.1	0.02	13.5	0.3	<0.05	6	<0.5	<0.2
1377722	Soil	13	62	0.79	238	0.075	<1	1.76	0.010	0.06	0.2	0.02	5.8	<0.1	<0.05	6	<0.5	<0.2
1377723	Soil	14	34	0.83	326	0.078	2	1.29	0.026	0.08	0.2	0.02	4.3	<0.1	<0.05	4	<0.5	<0.2
1377726	Soil	14	31	0.57	324	0.071	1	1.46	0.019	0.12	0.1	0.03	4.7	<0.1	<0.05	4	0.6	<0.2
1377711	Soil	29	21	0.43	324	0.059	<1	1.46	0.009	0.15	0.2	0.06	4.6	0.1	<0.05	5	<0.5	<0.2
1377708	Soil	28	42	0.89	182	0.163	<1	2.70	0.008	0.42	0.1	0.02	5.3	0.4	<0.05	8	<0.5	<0.2
1377710	Soil	24	29	0.54	138	0.124	1	1.83	0.010	0.22	0.1	0.01	3.1	0.2	<0.05	7	<0.5	<0.2
1377717	Soil	11	49	0.67	165	0.078	<1	1.88	0.009	0.03	0.2	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
1377714	Soil	7	176	2.24	123	0.257	<1	3.47	0.012	0.56	0.2	<0.01	6.5	0.4	<0.05	11	<0.5	0.3
1291294	Soil	15	29	0.44	352	0.060	<1	1.54	0.015	0.05	0.2	0.04	4.1	<0.1	<0.05	5	0.9	<0.2
1291284	Soil	14	71	0.85	140	0.103	<1	1.95	0.013	0.06	0.2	0.02	7.1	0.1	<0.05	6	<0.5	<0.2
1377704	Soil	10	27	0.55	141	0.156	1	1.79	0.010	0.29	0.1	0.02	2.6	0.2	<0.05	7	<0.5	<0.2
1377709	Soil	27	37	0.85	161	0.193	<1	2.40	0.010	0.49	<0.1	0.02	4.0	0.4	<0.05	8	<0.5	<0.2
1291289	Soil	16	33	0.55	316	0.082	1	1.63	0.021	0.08	0.2	0.04	4.9	<0.1	<0.05	5	0.7	<0.2
1291293	Soil	13	24	0.51	602	0.032	1	1.57	0.010	0.23	0.1	0.02	7.0	0.1	<0.05	5	0.5	<0.2
1377702	Soil	13	31	0.73	116	0.136	1	1.97	0.007	0.44	<0.1	0.03	3.5	0.3	<0.05	7	0.6	<0.2
1377705	Soil	12	17	0.35	67	0.065	<1	1.04	0.012	0.11	0.1	0.03	1.5	0.1	<0.05	5	<0.5	<0.2
1291292	Soil	20	30	0.70	569	0.089	1	1.72	0.011	0.19	0.2	0.03	7.7	0.1	<0.05	5	<0.5	<0.2
1291291	Soil	20	26	0.32	686	0.036	<1	1.28	0.008	0.12	0.1	0.08	5.1	<0.1	<0.05	4	<0.5	<0.2
1377703	Soil	13	37	1.09	164	0.196	<1	2.43	0.005	0.81	<0.1	0.02	5.6	0.5	<0.05	7	<0.5	<0.2
1377706	Soil	16	34	0.63	143	0.095	<1	1.76	0.007	0.19	0.2	0.01	3.6	0.2	<0.05	6	<0.5	<0.2
1291288	Soil	12	121	1.28	207	0.157	<1	2.73	0.015	0.16	0.2	0.03	8.5	0.1	<0.05	8	<0.5	<0.2
1291290	Soil	21	7	0.45	586	0.026	<1	1.21	0.006	0.19	0.1	0.01	5.5	<0.1	<0.05	6	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1291276	Soil	3.7	40.5	45.8	114	<0.1	37.1	20.4	642	5.08	9.9	0.9	1.4	7.0	24	0.4	22.1	<0.1	125	0.40	0.026
1377707	Soil	1.4	33.9	14.3	75	<0.1	28.1	15.4	533	3.59	6.3	0.9	2.3	7.4	16	0.1	0.4	0.3	69	0.14	0.023
1285457	Soil	2.4	62.8	88.1	160	0.7	41.7	21.2	1061	3.92	14.4	1.9	2.1	12.1	12	0.3	1.6	0.4	43	0.09	0.033
1291285	Soil	0.9	55.3	28.8	88	<0.1	26.9	15.2	487	3.24	44.9	0.8	7.9	4.6	26	0.2	7.5	0.5	79	0.45	0.029
1291277	Soil	4.9	25.2	8.7	44	<0.1	2.7	6.3	407	2.49	4.3	1.0	1.4	8.4	30	<0.1	0.4	0.2	45	0.38	0.078
1291287	Soil	1.1	47.7	48.0	120	0.2	31.7	15.3	584	3.43	25.7	1.0	8.5	5.5	28	0.2	3.3	0.7	81	0.45	0.031
1285472	Soil	1.8	35.5	46.1	98	0.8	24.6	15.7	797	3.17	14.4	1.5	3.2	3.8	15	0.3	0.6	0.4	50	0.12	0.054
1291283	Soil	1.1	66.6	37.5	120	0.3	27.9	14.5	533	3.80	46.7	0.9	13.8	5.7	28	0.3	3.1	0.7	84	0.33	0.032
1291281	Soil	11.0	87.7	26.8	92	0.4	38.6	19.1	754	4.42	11.8	0.9	2.0	5.8	55	0.2	2.8	0.3	113	0.91	0.048
1291286	Soil	0.5	36.7	16.7	71	0.2	22.9	10.8	402	3.02	23.1	0.9	5.3	4.9	25	<0.1	5.1	0.5	71	0.40	0.029
1317906	Soil	0.5	17.2	7.9	39	<0.1	15.1	6.6	203	1.91	3.8	0.6	<0.5	2.7	12	<0.1	0.3	0.1	33	0.12	0.026
1317904	Soil	1.0	17.1	9.8	38	<0.1	12.8	6.0	165	2.12	5.3	0.5	1.4	1.9	14	<0.1	0.4	0.2	46	0.11	0.024
1291282	Soil	1.6	58.1	30.9	91	0.2	30.8	15.8	676	4.31	27.1	1.0	6.9	7.2	29	0.2	6.5	0.7	98	0.42	0.028
1291280	Soil	2.4	41.3	27.9	66	0.1	31.6	13.3	561	3.40	7.8	0.8	1.1	6.8	35	0.1	1.0	0.1	89	0.62	0.045
1285470	Soil	2.3	43.5	268.9	230	4.2	27.4	12.6	400	3.52	35.9	1.4	19.6	5.9	16	2.1	3.2	1.3	43	0.15	0.048
1317902	Soil	1.2	43.7	14.3	70	<0.1	27.1	12.3	375	3.94	5.3	1.1	0.6	8.3	16	0.1	0.3	0.3	52	0.11	0.031
1291278	Soil	2.0	32.6	9.3	65	<0.1	36.1	19.4	562	3.80	4.8	0.7	<0.5	5.7	106	<0.1	1.3	0.2	89	1.17	0.048
1291279	Soil	2.6	27.3	73.0	120	0.2	14.3	9.8	1289	3.40	6.2	0.9	2.7	10.2	31	0.6	0.8	0.1	65	0.53	0.089
1285499	Soil	1.2	26.3	94.5	177	2.3	20.2	7.5	155	2.47	8.5	1.0	5.8	4.9	13	0.8	2.6	1.7	36	0.13	0.045
1285459	Soil	2.3	59.0	205.8	231	0.8	39.8	17.0	670	3.74	29.1	2.1	3.5	11.2	23	1.0	1.9	0.6	46	0.13	0.044
1285467	Soil	1.7	28.4	112.7	184	2.8	18.4	7.7	207	2.32	11.5	1.0	47.1	3.8	14	1.3	2.8	1.8	37	0.16	0.045
1285475	Soil	2.4	72.2	74.2	138	0.4	42.0	18.0	537	3.86	16.1	1.9	3.6	8.8	21	0.4	1.0	0.3	54	0.10	0.032
1285487	Soil	1.1	42.7	85.4	208	1.3	36.0	14.1	328	3.97	19.9	1.1	7.1	7.6	16	1.3	1.5	0.9	58	0.10	0.035
1285452	Soil	1.1	37.4	12.4	80	<0.1	33.6	15.6	514	3.55	5.0	1.3	1.1	8.4	16	0.1	0.3	0.2	54	0.17	0.032
1285465	Soil	1.6	27.1	101.9	222	1.5	23.8	25.3	3364	3.15	15.9	1.2	6.0	3.7	17	1.9	1.3	0.8	44	0.18	0.053
1285469	Soil	3.8	70.7	158.8	420	4.4	34.8	10.6	716	3.57	21.3	1.5	9.8	6.6	17	3.0	4.7	5.5	27	0.17	0.085
1278330	Soil	1.9	59.3	336.2	257	8.8	25.9	10.1	446	3.63	23.3	1.7	34.0	2.7	20	2.6	7.6	5.7	42	0.13	0.072
1285451	Soil	1.0	35.3	13.0	75	0.1	31.7	13.4	471	3.38	5.5	1.3	5.7	8.2	18	<0.1	0.3	0.3	55	0.19	0.034
1285455	Soil	0.9	37.6	20.8	84	<0.1	42.7	18.6	507	4.18	7.8	1.1	4.3	10.2	18	0.1	0.6	0.5	60	0.16	0.033
1285474	Soil	2.2	66.8	66.8	137	0.3	38.0	17.1	506	3.64	15.4	1.5	3.4	8.3	21	0.6	0.9	0.3	50	0.10	0.032

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1291276	Soil	12	159	2.16	322	0.101	<1	3.24	0.010	0.05	0.2	<0.01	14.5	<0.1	<0.05	11	<0.5	<0.2
1377707	Soil	24	38	0.84	186	0.142	<1	2.31	0.009	0.33	0.1	<0.01	3.9	0.3	<0.05	8	<0.5	<0.2
1285457	Soil	47	34	0.91	107	0.115	<1	2.07	0.006	0.48	<0.1	0.02	3.3	0.4	<0.05	7	<0.5	<0.2
1291285	Soil	13	88	1.10	209	0.152	<1	2.23	0.014	0.10	0.2	0.02	6.9	<0.1	<0.05	7	<0.5	<0.2
1291277	Soil	22	5	0.46	252	0.018	<1	1.60	0.008	0.09	0.6	<0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
1291287	Soil	15	90	1.02	225	0.135	<1	2.58	0.016	0.07	0.2	0.03	8.6	<0.1	<0.05	7	<0.5	<0.2
1285472	Soil	20	34	0.77	151	0.088	1	2.01	0.007	0.29	0.1	0.06	3.7	0.2	<0.05	6	<0.5	<0.2
1291283	Soil	15	87	1.13	220	0.133	<1	2.36	0.013	0.14	0.2	0.03	8.6	0.2	<0.05	7	<0.5	<0.2
1291281	Soil	15	137	1.48	282	0.215	<1	2.94	0.015	0.14	0.2	0.03	14.7	0.1	<0.05	10	<0.5	<0.2
1291286	Soil	14	71	0.94	202	0.130	<1	2.00	0.014	0.07	0.2	0.02	6.6	<0.1	<0.05	6	<0.5	<0.2
1317906	Soil	19	19	0.35	96	0.058	<1	1.17	0.011	0.13	<0.1	0.02	2.0	0.1	<0.05	4	<0.5	<0.2
1317904	Soil	10	19	0.34	118	0.062	1	1.21	0.010	0.11	0.1	0.03	1.7	0.1	<0.05	5	<0.5	<0.2
1291282	Soil	21	112	1.39	346	0.102	1	2.79	0.010	0.17	0.2	0.02	11.4	0.2	<0.05	9	<0.5	<0.2
1291280	Soil	16	102	1.06	254	0.176	<1	2.30	0.013	0.08	0.3	0.02	9.4	<0.1	<0.05	8	<0.5	<0.2
1285470	Soil	18	29	0.69	148	0.078	2	1.67	0.007	0.30	0.1	0.06	3.5	0.3	<0.05	5	<0.5	0.5
1317902	Soil	27	30	0.78	101	0.136	<1	2.05	0.007	0.36	0.1	0.03	2.9	0.3	<0.05	7	<0.5	<0.2
1291278	Soil	12	160	1.45	80	0.192	<1	2.91	0.010	0.13	0.3	<0.01	7.7	<0.1	<0.05	11	<0.5	<0.2
1291279	Soil	38	23	0.77	689	0.034	<1	2.10	0.010	0.10	0.1	0.04	7.5	<0.1	<0.05	9	<0.5	<0.2
1285499	Soil	18	23	0.36	143	0.035	2	1.20	0.006	0.09	0.1	0.05	3.0	0.3	<0.05	4	0.6	<0.2
1285459	Soil	40	29	0.78	103	0.107	<1	1.85	0.009	0.42	<0.1	0.02	3.3	0.3	<0.05	6	0.7	<0.2
1285467	Soil	19	22	0.42	157	0.036	2	1.36	0.008	0.11	0.1	0.05	2.9	0.3	<0.05	4	<0.5	0.2
1285475	Soil	31	35	1.07	130	0.149	<1	2.28	0.008	0.61	<0.1	0.02	3.7	0.4	<0.05	7	<0.5	<0.2
1285487	Soil	20	40	0.71	193	0.083	1	2.37	0.007	0.26	<0.1	0.04	3.7	0.3	<0.05	6	0.9	<0.2
1285452	Soil	23	35	0.94	166	0.152	<1	2.22	0.008	0.51	<0.1	0.02	3.9	0.4	<0.05	7	<0.5	<0.2
1285465	Soil	17	27	0.50	179	0.049	1	1.57	0.010	0.10	0.1	0.06	3.8	0.2	<0.05	5	<0.5	<0.2
1285469	Soil	27	17	0.28	157	0.025	2	0.88	0.004	0.13	<0.1	0.03	4.2	0.2	<0.05	2	<0.5	0.3
1278330	Soil	22	25	0.37	235	0.026	3	1.47	0.005	0.19	<0.1	0.09	3.3	0.4	0.08	5	1.0	1.5
1285451	Soil	30	36	0.77	212	0.147	<1	2.20	0.010	0.32	<0.1	0.02	4.6	0.3	<0.05	7	<0.5	<0.2
1285455	Soil	27	42	0.74	221	0.130	<1	2.78	0.016	0.36	0.1	0.03	4.3	0.3	<0.05	8	<0.5	<0.2
1285474	Soil	28	32	1.08	131	0.148	<1	2.20	0.009	0.62	<0.1	0.02	3.5	0.3	<0.05	7	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1278331	Soil	1.4	31.8	318.7	254	4.1	22.3	9.4	330	3.24	22.2	1.0	11.2	4.0	17	1.5	3.2	2.9	39	0.10	0.050
1285497	Soil	1.0	18.0	75.5	143	2.0	18.4	7.2	233	2.46	8.4	0.7	4.8	2.8	13	0.9	1.8	1.4	39	0.12	0.048
1285463	Soil	0.9	16.9	55.9	160	0.7	21.3	15.4	965	2.78	15.1	0.9	5.8	5.5	20	0.7	0.8	0.3	42	0.25	0.045
1285461	Soil	2.3	34.9	205.7	189	2.1	26.7	11.5	438	3.18	127.2	1.4	15.1	6.2	20	1.3	3.6	0.4	43	0.19	0.053
1278326	Soil	1.6	28.0	105.7	202	4.2	26.5	15.5	1104	3.07	10.7	1.0	11.7	3.4	16	1.7	3.1	2.5	46	0.13	0.060
1285494	Soil	0.7	8.2	25.1	30	0.4	3.3	1.3	44	0.68	1.8	0.3	1.5	0.3	7	0.6	0.3	0.3	17	0.06	0.020
1285486	Soil	1.0	35.9	235.1	396	1.3	35.0	13.1	435	3.68	24.7	1.0	5.3	8.2	16	1.3	1.8	1.1	55	0.12	0.025
1285478	Soil	1.4	45.8	14.1	119	<0.1	44.8	16.9	564	3.96	2.9	2.0	1.9	12.3	21	0.2	0.2	0.3	61	0.18	0.035
1278329	Soil	2.7	71.4	416.4	299	9.0	31.9	14.2	1244	4.52	29.3	2.3	41.8	2.1	22	3.2	10.0	9.5	49	0.14	0.092
1285476	Soil	0.7	37.5	13.7	89	<0.1	35.9	15.4	541	3.96	4.3	2.0	3.5	12.8	17	<0.1	0.4	0.2	56	0.15	0.029
1285495	Soil	3.0	32.1	151.5	157	2.7	22.0	8.3	339	2.65	12.5	1.3	8.1	2.5	18	0.8	1.6	0.8	48	0.15	0.065
1278332	Soil	1.6	49.1	119.1	166	2.1	29.6	12.2	323	3.35	22.8	2.4	9.1	5.9	16	1.4	1.4	1.2	43	0.14	0.058
1278327	Soil	1.3	41.9	81.5	187	3.8	25.1	8.5	427	2.89	10.0	1.6	11.4	2.7	13	2.3	2.9	1.9	38	0.12	0.058
1285493	Soil	2.9	38.5	61.9	105	2.3	20.8	5.8	226	2.22	10.0	1.5	9.0	1.3	17	0.8	1.3	0.9	39	0.15	0.067
1285498	Soil	0.9	23.8	85.5	147	2.5	19.4	10.0	521	2.67	7.7	1.0	6.0	2.9	14	1.1	2.0	1.6	36	0.14	0.050
1285480	Soil	1.3	35.0	12.0	69	<0.1	30.7	13.3	463	3.20	7.8	1.1	2.5	7.6	14	<0.1	0.6	0.2	55	0.11	0.023
1285484	Soil	1.3	41.0	47.8	97	0.4	42.3	14.0	412	3.21	8.9	1.7	4.8	6.4	18	0.2	1.0	0.2	63	0.17	0.030
1285491	Soil	1.5	33.6	33.6	108	1.1	27.3	9.2	303	2.95	8.7	1.5	3.8	2.9	18	0.6	1.3	1.0	53	0.13	0.066
1285496	Soil	2.6	19.4	130.5	104	2.0	15.2	4.9	136	1.70	15.6	0.7	6.1	1.4	19	0.5	2.1	0.7	31	0.21	0.048
1285489	Soil	1.0	22.3	20.9	50	0.9	10.3	2.7	71	1.56	3.8	0.8	1.5	0.3	14	0.5	0.4	0.3	39	0.07	0.040
1278344	Soil	1.1	72.0	51.2	148	0.9	28.8	15.9	694	3.35	113.3	2.1	12.9	4.4	35	1.1	5.3	1.5	74	0.88	0.057
1285500	Soil	1.1	30.8	104.8	170	3.4	20.1	7.4	191	2.74	9.7	1.2	10.2	4.4	13	1.0	2.7	2.3	41	0.10	0.042
1285490	Soil	0.5	12.1	10.0	37	0.5	9.3	3.0	82	0.99	2.9	0.6	1.2	0.3	12	0.6	0.3	0.2	22	0.08	0.031
1278328	Soil	1.3	44.3	182.7	220	5.8	29.5	11.6	786	3.14	13.1	1.4	16.8	2.8	15	2.5	4.1	4.4	44	0.12	0.052
1278342	Soil	0.5	49.3	46.6	115	0.5	27.9	12.9	554	2.82	34.9	1.0	8.7	3.9	38	0.4	2.9	0.7	64	0.76	0.058
1285477	Soil	0.9	34.2	12.5	83	<0.1	31.6	14.0	434	3.45	3.8	1.7	0.7	11.1	13	<0.1	0.3	0.2	51	0.10	0.021
1285488	Soil	1.8	40.3	103.8	198	1.9	28.8	7.2	242	3.40	19.4	1.1	3.0	3.3	14	2.0	2.0	1.4	70	0.09	0.062
1285492	Soil	1.8	30.8	29.8	106	1.0	24.2	7.3	230	2.63	9.2	1.1	4.4	1.6	19	0.9	1.0	0.6	58	0.16	0.047
1278341	Soil	0.6	32.1	15.4	63	0.2	25.3	9.7	472	2.29	14.8	2.0	4.9	3.0	51	0.3	1.7	0.3	52	0.98	0.066
1285481	Soil	0.9	34.0	16.4	80	<0.1	36.9	15.9	476	3.42	6.4	0.9	1.2	9.4	14	0.1	0.6	0.3	56	0.13	0.032

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1278331	Soil	19	23	0.42	131	0.047	<1	1.41	0.005	0.21	0.1	0.09	2.5	0.3	0.08	5	<0.5	0.3
1285497	Soil	17	21	0.35	133	0.029	2	1.30	0.007	0.08	0.1	0.07	2.5	0.2	<0.05	4	<0.5	0.3
1285463	Soil	21	28	0.58	225	0.088	1	1.64	0.009	0.14	0.1	0.05	3.6	0.2	<0.05	5	<0.5	<0.2
1285461	Soil	22	29	0.66	175	0.086	2	1.71	0.011	0.26	0.1	0.05	3.5	0.3	0.07	6	<0.5	<0.2
1278326	Soil	18	28	0.43	230	0.028	2	1.69	0.008	0.12	0.1	0.07	3.8	0.4	<0.05	5	<0.5	0.6
1285494	Soil	4	6	0.08	42	0.021	<1	0.40	0.018	0.03	<0.1	0.02	0.6	<0.1	<0.05	3	<0.5	<0.2
1285486	Soil	23	36	0.62	189	0.071	2	2.08	0.007	0.17	0.1	0.04	4.3	0.3	<0.05	6	0.7	0.2
1285478	Soil	37	43	1.04	271	0.184	1	2.42	0.008	0.59	<0.1	0.01	5.4	0.5	<0.05	7	<0.5	<0.2
1278329	Soil	21	32	0.38	231	0.015	2	1.81	0.006	0.20	0.1	0.14	2.8	0.5	0.08	6	0.5	2.2
1285476	Soil	45	42	0.92	225	0.200	<1	2.49	0.008	0.52	<0.1	0.02	5.9	0.4	<0.05	8	<0.5	<0.2
1285495	Soil	17	28	0.43	253	0.030	2	1.76	0.010	0.07	<0.1	0.07	3.4	0.3	<0.05	6	0.6	<0.2
1278332	Soil	30	31	0.63	162	0.072	1	1.86	0.007	0.25	0.1	0.07	4.5	0.3	<0.05	6	1.1	<0.2
1278327	Soil	18	25	0.36	170	0.025	3	1.45	0.009	0.11	0.1	0.06	3.8	0.3	<0.05	4	0.5	0.3
1285493	Soil	14	23	0.32	247	0.019	2	1.41	0.013	0.08	<0.1	0.05	3.5	0.2	<0.05	5	<0.5	<0.2
1285498	Soil	17	20	0.32	162	0.025	1	1.22	0.006	0.08	<0.1	0.07	3.2	0.2	<0.05	4	0.6	0.3
1285480	Soil	20	36	0.72	160	0.103	2	2.28	0.007	0.21	0.1	0.03	4.3	0.2	<0.05	6	<0.5	<0.2
1285484	Soil	26	45	0.72	208	0.102	2	2.01	0.009	0.20	0.1	0.02	5.4	0.2	<0.05	6	0.7	<0.2
1285491	Soil	19	31	0.54	174	0.047	2	1.72	0.012	0.13	0.1	0.03	3.6	0.2	0.06	5	0.6	<0.2
1285496	Soil	15	20	0.35	240	0.027	2	1.21	0.007	0.06	0.1	0.07	2.2	0.2	<0.05	4	<0.5	<0.2
1285489	Soil	16	17	0.19	102	0.023	1	0.82	0.005	0.09	<0.1	0.03	1.0	0.1	<0.05	4	<0.5	<0.2
1278344	Soil	13	75	0.99	226	0.109	3	2.09	0.017	0.13	0.5	0.04	7.2	0.1	0.05	6	0.7	<0.2
1285500	Soil	20	24	0.37	177	0.029	2	1.45	0.006	0.09	<0.1	0.06	3.7	0.3	<0.05	4	<0.5	0.4
1285490	Soil	7	10	0.15	81	0.025	<1	0.53	0.020	0.06	<0.1	0.03	0.9	<0.1	<0.05	2	<0.5	<0.2
1278328	Soil	21	26	0.40	200	0.035	2	1.57	0.007	0.14	0.1	0.07	4.3	0.3	<0.05	5	<0.5	1.5
1278342	Soil	14	62	0.94	261	0.104	2	1.99	0.017	0.07	0.3	0.04	6.3	0.1	<0.05	6	<0.5	<0.2
1285477	Soil	36	36	0.91	160	0.152	1	2.31	0.009	0.45	0.1	0.02	4.8	0.4	<0.05	7	<0.5	<0.2
1285488	Soil	20	28	0.37	151	0.070	2	1.18	0.006	0.18	0.1	0.04	2.7	0.2	0.05	7	<0.5	0.4
1285492	Soil	14	32	0.49	192	0.042	2	1.74	0.011	0.09	0.1	0.04	3.4	0.2	<0.05	6	0.6	<0.2
1278341	Soil	13	34	0.58	354	0.063	2	1.43	0.020	0.05	0.2	0.04	4.7	<0.1	<0.05	4	0.9	<0.2
1285481	Soil	26	42	0.74	151	0.083	2	2.27	0.007	0.25	0.1	0.02	4.2	0.2	<0.05	6	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1285482	Soil	1.0	26.7	11.5	70	0.1	26.7	14.4	475	3.13	8.1	1.0	2.9	5.3	15	0.1	0.6	0.3	59	0.18	0.026
1285485	Soil	1.1	38.5	63.9	139	0.6	30.2	14.0	393	3.56	21.0	1.0	4.1	6.6	21	0.6	1.9	0.4	55	0.10	0.028
1278340	Soil	0.8	54.0	30.8	98	0.3	29.8	16.2	858	3.38	50.7	0.9	6.7	5.2	29	0.3	2.7	0.9	74	0.59	0.049
1278343	Soil	1.0	48.4	41.7	90	0.4	25.0	11.3	670	2.37	39.5	1.1	7.9	2.1	50	0.9	2.7	0.6	52	1.08	0.063
1285483	Soil	1.0	32.5	16.5	78	<0.1	31.9	12.3	386	3.14	10.1	1.0	8.8	7.6	15	<0.1	0.8	0.2	56	0.14	0.021
1285479	Soil	1.2	23.4	12.5	70	0.2	21.1	12.6	452	3.11	5.7	0.7	1.1	4.9	15	<0.1	0.4	0.2	57	0.14	0.025
1278347	Soil	1.0	33.8	10.5	62	0.2	28.6	10.1	402	2.56	9.9	1.4	2.7	4.0	40	0.3	0.9	0.2	56	0.68	0.060
1317982	Soil	1.0	21.9	9.5	58	<0.1	21.0	10.0	364	2.49	8.6	0.6	3.8	3.8	30	<0.1	0.7	0.2	53	0.54	0.042
1278335	Soil	1.1	29.9	9.9	54	<0.1	20.1	13.4	382	3.37	6.5	0.7	2.3	6.4	25	0.1	1.1	0.1	69	0.47	0.035
1278339	Soil	0.4	24.9	10.7	69	0.2	14.7	6.7	367	1.71	5.5	0.7	2.6	4.1	30	0.3	1.0	0.2	47	0.62	0.055
1278348	Soil	1.5	33.0	10.9	51	0.1	25.5	11.1	390	2.55	10.2	0.9	3.2	4.1	36	0.2	0.8	0.2	58	0.62	0.056
1317984	Soil	0.9	17.8	7.1	55	0.1	16.2	10.7	396	2.14	6.7	0.7	1.1	2.0	44	<0.1	0.5	0.1	44	0.99	0.076
1278333	Soil	0.7	30.3	8.9	43	<0.1	26.0	14.6	562	3.42	5.0	1.5	1.8	7.6	43	<0.1	1.1	0.2	58	0.76	0.051
1278338	Soil	0.3	30.7	11.0	74	0.1	24.5	10.7	212	2.66	7.2	1.1	2.3	7.7	30	0.2	1.1	0.2	59	0.44	0.054
1278349	Soil	3.4	161.5	23.8	120	0.6	39.2	19.1	1094	5.37	164.7	1.7	39.1	10.8	25	0.5	2.6	9.1	116	0.66	0.042
1278345	Soil	1.0	25.0	9.6	67	0.2	15.9	10.7	537	1.94	8.4	1.0	4.2	3.6	32	0.2	0.9	0.2	44	0.69	0.050
1278334	Soil	0.8	27.2	10.8	51	<0.1	23.6	12.6	336	3.58	6.1	1.4	3.3	10.2	31	<0.1	1.0	0.2	62	0.53	0.042
1278337	Soil	0.5	28.8	9.5	65	<0.1	21.2	16.2	373	3.86	4.9	1.7	0.6	6.9	27	0.2	0.7	0.2	84	0.50	0.042
1278350	Soil	1.5	33.0	9.3	42	0.1	24.4	10.4	580	2.27	7.8	2.3	3.8	2.6	43	0.2	0.7	0.4	51	0.87	0.046
1278346	Soil	0.5	30.9	10.3	69	0.1	26.1	11.9	395	3.15	10.6	1.1	2.6	4.6	35	0.3	0.8	0.3	65	0.80	0.054
1317983	Soil	0.9	27.8	9.2	61	0.1	26.9	10.4	434	2.55	7.9	0.7	8.0	3.0	41	0.2	0.8	0.2	55	0.78	0.059
1278336	Soil	0.6	29.1	10.9	74	0.2	25.6	12.4	405	2.98	7.4	1.0	3.6	4.8	35	0.2	1.0	0.2	62	0.55	0.062
1393314	Soil	0.8	36.7	15.1	67	0.2	37.1	11.7	385	3.04	6.9	1.3	2.7	6.0	21	<0.1	0.5	0.2	57	0.34	0.029
1393310	Soil	0.9	42.1	11.8	71	0.1	40.2	14.2	375	3.12	4.6	1.6	0.8	6.2	20	0.1	0.5	0.2	62	0.42	0.037
1317980	Soil	1.1	24.3	9.8	56	0.1	23.7	14.1	841	3.48	5.5	1.5	2.3	5.3	30	0.2	1.1	0.2	66	0.88	0.049
1317976	Soil	0.6	21.6	8.8	57	0.1	24.2	17.8	355	2.28	2.5	1.6	15.3	7.4	36	0.2	0.8	0.1	66	1.11	0.044
1393315	Soil	1.1	51.6	27.1	96	0.2	45.4	13.5	552	2.93	8.1	0.9	1.9	5.4	17	0.3	0.7	0.3	66	0.25	0.028
1393311	Soil	1.3	38.0	12.8	72	0.1	43.1	16.5	794	3.30	4.4	1.7	1.5	6.4	14	<0.1	0.3	0.2	62	0.15	0.031
1317978	Soil	0.5	31.6	6.3	79	<0.1	44.4	24.7	836	5.39	3.4	0.9	<0.5	9.6	12	0.1	0.6	<0.1	112	0.49	0.043
1317977	Soil	1.2	31.4	10.1	68	0.1	29.8	12.1	777	2.81	9.1	1.0	6.5	5.1	33	0.5	0.8	0.1	61	0.74	0.071

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1285482	Soil	19	33	0.65	184	0.104	2	2.10	0.008	0.18	0.2	0.03	4.6	0.2	<0.05	7	<0.5	<0.2
1285485	Soil	18	37	0.61	174	0.060	1	1.94	0.008	0.16	0.1	0.03	4.3	0.3	0.06	5	<0.5	<0.2
1278340	Soil	15	65	0.89	255	0.107	2	2.03	0.016	0.13	0.3	0.04	7.3	0.1	<0.05	6	<0.5	<0.2
1278343	Soil	11	42	0.62	297	0.059	2	1.51	0.015	0.05	0.2	0.04	4.8	<0.1	<0.05	5	0.5	<0.2
1285483	Soil	22	33	0.67	152	0.104	2	1.99	0.008	0.20	0.1	0.02	4.7	0.3	<0.05	5	<0.5	<0.2
1285479	Soil	17	31	0.64	168	0.110	<1	1.94	0.009	0.20	0.1	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1278347	Soil	15	30	0.54	391	0.073	2	1.49	0.021	0.08	0.2	0.03	4.8	<0.1	<0.05	4	0.7	<0.2
1317982	Soil	13	27	0.52	296	0.068	1	1.40	0.020	0.10	0.2	0.04	4.1	<0.1	<0.05	4	<0.5	<0.2
1278335	Soil	19	26	0.62	405	0.074	2	1.80	0.015	0.23	0.2	0.05	7.2	<0.1	<0.05	6	<0.5	<0.2
1278339	Soil	13	32	0.50	265	0.074	<1	1.46	0.015	0.07	0.2	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
1278348	Soil	15	38	0.60	332	0.070	2	1.54	0.018	0.06	0.2	0.05	5.0	<0.1	<0.05	4	<0.5	<0.2
1317984	Soil	10	24	0.46	288	0.049	2	1.17	0.018	0.05	<0.1	0.03	3.8	<0.1	<0.05	4	0.6	<0.2
1278333	Soil	28	28	0.58	564	0.048	<1	1.74	0.012	0.17	0.1	0.08	6.9	0.1	<0.05	5	<0.5	<0.2
1278338	Soil	22	33	0.59	300	0.076	1	1.61	0.016	0.13	0.2	0.05	5.7	<0.1	<0.05	5	<0.5	<0.2
1278349	Soil	25	147	1.61	394	0.137	<1	3.46	0.012	0.45	0.8	0.05	18.6	0.5	<0.05	12	<0.5	0.4
1278345	Soil	12	32	0.51	246	0.077	1	1.37	0.016	0.09	0.2	0.04	4.6	<0.1	0.05	4	<0.5	<0.2
1278334	Soil	37	30	0.73	404	0.071	<1	1.86	0.011	0.24	0.2	0.06	6.8	0.1	<0.05	6	<0.5	<0.2
1278337	Soil	23	29	0.71	483	0.101	1	2.15	0.014	0.25	0.1	0.06	7.8	0.1	<0.05	7	<0.5	<0.2
1278350	Soil	14	28	0.52	427	0.055	2	1.36	0.020	0.05	0.2	0.03	3.9	<0.1	<0.05	4	0.5	<0.2
1278346	Soil	16	36	0.60	322	0.081	2	1.56	0.018	0.09	0.1	0.04	5.7	0.1	<0.05	4	0.8	<0.2
1317983	Soil	14	30	0.57	336	0.066	1	1.32	0.024	0.07	0.2	0.03	3.8	<0.1	<0.05	4	0.9	<0.2
1278336	Soil	19	30	0.62	385	0.081	1	1.58	0.020	0.10	0.2	0.04	5.6	<0.1	<0.05	5	0.8	<0.2
1393314	Soil	23	54	0.77	289	0.099	<1	1.78	0.010	0.10	0.1	0.03	4.9	0.1	<0.05	5	<0.5	<0.2
1393310	Soil	22	67	0.82	231	0.144	<1	1.95	0.012	0.21	<0.1	0.02	4.8	0.2	<0.05	6	<0.5	<0.2
1317980	Soil	21	45	0.66	686	0.066	2	1.64	0.014	0.25	0.1	0.05	9.3	0.1	<0.05	5	<0.5	<0.2
1317976	Soil	21	60	0.84	485	0.083	2	1.62	0.013	0.28	0.1	0.05	10.3	0.2	0.13	5	<0.5	<0.2
1393315	Soil	20	72	0.86	324	0.095	<1	1.81	0.008	0.12	0.1	0.01	5.6	0.1	<0.05	5	<0.5	<0.2
1393311	Soil	23	67	0.78	183	0.107	<1	2.18	0.010	0.17	<0.1	0.02	3.8	0.2	<0.05	6	0.8	<0.2
1317978	Soil	9	175	2.16	300	0.241	<1	3.10	0.009	0.66	<0.1	0.01	7.6	0.3	<0.05	10	<0.5	<0.2
1317977	Soil	17	37	0.64	399	0.091	1	1.48	0.023	0.15	0.2	0.06	4.5	0.1	0.06	4	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1393317	Soil	1.0	30.5	45.8	129	1.3	29.7	8.4	296	2.32	18.7	0.5	100.6	2.6	14	0.6	1.2	0.4	61	0.21	0.015
1393313	Soil	0.9	37.5	10.3	88	<0.1	91.4	24.8	2029	1.96	3.9	0.5	<0.5	5.2	12	0.2	0.3	0.2	45	0.38	0.040
1393308	Soil	0.9	22.5	11.1	65	<0.1	27.4	11.1	349	3.28	4.7	1.0	1.0	7.0	15	<0.1	0.3	0.2	52	0.20	0.039
1317981	Soil	1.1	36.9	10.8	77	<0.1	32.1	12.3	526	2.98	10.5	0.6	2.8	4.3	48	0.2	1.1	0.1	65	1.16	0.073
1393319	Soil	1.0	47.3	47.9	111	0.5	45.6	12.9	431	2.99	10.2	1.0	6.4	4.0	20	0.6	0.9	0.5	69	0.39	0.022
1393312	Soil	0.9	48.5	9.7	67	<0.1	51.1	16.2	557	3.10	5.7	0.9	4.2	4.4	18	<0.1	0.5	0.2	73	0.29	0.023
1393309	Soil	0.8	25.1	10.8	65	<0.1	32.9	12.3	307	3.34	4.7	1.0	<0.5	7.4	16	<0.1	0.3	0.2	60	0.18	0.025
1317979	Soil	1.4	20.2	11.1	59	0.1	31.0	17.6	658	4.40	6.9	2.2	2.6	10.8	32	0.1	1.4	<0.1	72	0.88	0.046
1393321	Soil	1.0	44.0	31.8	95	0.2	46.6	12.1	359	2.89	11.2	0.7	6.6	3.7	22	0.4	0.7	0.5	70	0.40	0.025
1393330	Soil	1.1	35.2	45.2	134	0.9	41.0	12.1	332	2.66	8.5	0.8	4.3	2.7	21	0.4	1.0	0.7	65	0.36	0.043
1393326	Soil	0.9	47.9	27.6	87	0.5	40.4	14.9	695	2.22	7.1	0.9	0.9	1.3	41	0.5	1.1	0.3	56	1.05	0.064
1393316	Soil	1.5	111.8	312.0	197	6.8	43.5	12.5	559	3.56	44.7	0.8	14.7	4.9	20	0.9	13.3	14.8	73	0.26	0.031
1393325	Soil	0.8	58.4	33.9	106	0.5	51.6	14.7	417	2.32	10.2	0.8	4.1	2.1	30	0.7	0.9	0.5	63	0.77	0.050
1393324	Soil	0.8	63.0	36.7	108	0.6	54.6	14.5	414	2.42	9.7	0.9	3.0	2.1	30	0.7	1.0	0.5	65	0.79	0.050
1393328	Soil	0.9	47.8	54.5	147	0.6	48.0	15.0	558	2.85	13.5	0.9	8.0	2.5	25	0.5	1.0	0.4	67	0.55	0.042
1393318	Soil	1.1	57.4	86.1	185	0.6	48.7	13.9	474	3.24	15.9	1.0	8.9	5.1	21	0.6	1.6	0.8	69	0.32	0.019
1393323	Soil	0.7	70.3	64.6	132	0.9	61.8	15.7	553	2.93	16.8	0.9	7.7	1.9	33	0.7	1.4	0.6	73	0.99	0.056
1393327	Soil	0.7	19.6	12.9	44	0.3	15.6	4.1	127	1.34	4.1	0.3	0.5	0.8	18	0.5	0.5	0.2	36	0.25	0.017
1393322	Soil	0.6	87.5	50.3	101	0.5	136.5	32.0	808	4.05	15.7	0.4	9.4	1.7	21	0.4	1.4	0.6	96	0.87	0.043
1393331	Soil	1.0	47.1	84.1	168	1.6	44.4	15.1	804	2.92	11.1	1.1	4.2	3.2	30	0.8	1.8	1.1	62	0.58	0.051
1393344	Soil	1.2	44.6	50.1	132	0.7	39.3	12.7	339	3.29	13.7	0.7	2.8	4.4	17	0.6	0.6	0.5	73	0.23	0.018
1393334	Soil	0.6	61.3	10.1	51	0.2	81.4	16.9	220	2.79	3.8	0.2	2.2	0.7	11	0.4	0.4	0.3	86	0.30	0.020
1393320	Soil	1.3	46.5	62.7	114	0.8	53.7	14.3	328	3.16	9.4	0.5	5.6	2.4	17	0.7	1.2	0.7	77	0.26	0.022
1393329	Soil	1.0	47.4	47.8	129	0.4	52.2	13.3	439	2.84	10.5	0.7	3.3	2.2	26	0.7	1.0	0.4	67	0.63	0.038
1393370	Soil	2.9	25.3	7.1	60	<0.1	23.6	14.8	398	4.18	3.7	1.4	3.4	9.5	16	<0.1	0.3	0.3	47	0.17	0.019
1393337	Soil	0.6	43.4	20.4	79	<0.1	40.3	14.0	443	3.13	7.4	1.0	2.5	6.8	14	0.1	0.4	0.2	56	0.32	0.022
1393332	Soil	1.1	62.5	107.9	238	1.8	52.1	15.0	583	2.97	12.4	0.9	18.3	4.5	22	1.7	2.0	1.6	61	0.55	0.040
1393340	Soil	0.8	33.0	10.4	67	<0.1	35.7	13.4	391	3.25	4.9	1.3	1.0	7.3	19	<0.1	0.3	0.2	57	0.25	0.034
1393372	Soil	0.5	13.5	7.5	41	<0.1	17.4	10.0	363	3.08	4.5	0.8	0.6	8.0	17	<0.1	0.4	0.2	55	0.20	0.023
1393351	Rock Pulp	2.5	24.9	2.4	43	0.3	25.2	10.6	401	2.42	4.7	0.2	1.4	0.9	37	0.2	0.3	<0.1	61	0.80	0.058

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1393317	Soil	10	56	0.56	195	0.056	<1	1.67	0.014	0.05	0.2	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
1393313	Soil	18	55	1.57	427	0.089	<1	1.80	0.007	0.18	<0.1	0.02	4.7	0.2	<0.05	5	<0.5	<0.2
1393308	Soil	28	40	0.66	222	0.150	<1	2.00	0.008	0.24	0.1	0.01	3.8	0.3	<0.05	6	<0.5	<0.2
1317981	Soil	17	33	0.78	361	0.083	2	1.38	0.028	0.09	0.3	0.04	4.8	<0.1	<0.05	4	<0.5	<0.2
1393319	Soil	16	80	0.83	287	0.062	<1	2.05	0.014	0.06	<0.1	0.05	7.0	0.1	<0.05	5	<0.5	<0.2
1393312	Soil	17	102	1.04	296	0.114	<1	2.05	0.012	0.06	0.1	0.02	5.2	<0.1	<0.05	6	<0.5	<0.2
1393309	Soil	25	55	0.77	204	0.162	<1	2.09	0.009	0.20	<0.1	0.02	4.1	0.2	<0.05	6	<0.5	<0.2
1317979	Soil	34	65	0.73	453	0.051	2	1.60	0.010	0.31	<0.1	0.06	15.5	0.2	<0.05	5	<0.5	<0.2
1393321	Soil	14	82	0.91	251	0.068	<1	2.01	0.014	0.05	0.1	0.02	5.4	0.1	<0.05	5	<0.5	<0.2
1393330	Soil	13	79	0.73	237	0.054	<1	1.77	0.011	0.05	0.1	0.04	5.1	<0.1	<0.05	5	<0.5	0.3
1393326	Soil	11	63	0.69	322	0.041	<1	1.63	0.017	0.04	<0.1	0.05	4.6	0.1	0.06	5	0.8	<0.2
1393316	Soil	16	77	0.77	189	0.059	<1	1.97	0.009	0.08	0.7	0.04	4.3	0.1	<0.05	5	<0.5	0.9
1393325	Soil	11	85	0.85	263	0.042	<1	1.94	0.019	0.04	0.1	0.05	6.8	<0.1	<0.05	5	<0.5	<0.2
1393324	Soil	12	90	0.92	281	0.049	1	1.98	0.019	0.04	0.1	0.05	7.3	<0.1	0.05	5	0.5	<0.2
1393328	Soil	12	83	0.78	276	0.048	<1	1.87	0.013	0.05	0.1	0.05	7.2	0.1	<0.05	5	<0.5	<0.2
1393318	Soil	16	73	0.87	291	0.076	<1	2.06	0.014	0.06	0.1	0.03	6.8	0.1	<0.05	5	<0.5	<0.2
1393323	Soil	11	106	1.01	275	0.042	<1	2.04	0.021	0.04	<0.1	0.07	8.0	<0.1	<0.05	5	0.9	<0.2
1393327	Soil	5	29	0.25	111	0.033	<1	0.90	0.022	0.03	0.1	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1393322	Soil	8	219	1.81	293	0.063	<1	2.30	0.016	0.08	<0.1	0.04	13.2	0.1	<0.05	6	0.6	0.3
1393331	Soil	15	66	0.67	327	0.046	<1	1.66	0.014	0.05	0.2	0.06	6.5	0.1	<0.05	5	0.7	0.3
1393344	Soil	15	66	0.81	244	0.078	<1	2.23	0.009	0.07	0.1	0.02	4.4	0.2	<0.05	6	<0.5	0.2
1393334	Soil	3	213	1.37	45	0.127	<1	2.09	0.014	0.03	<0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1393320	Soil	10	85	0.93	192	0.069	<1	2.30	0.013	0.05	<0.1	0.02	4.5	0.1	<0.05	6	0.5	<0.2
1393329	Soil	11	92	0.82	266	0.047	<1	1.71	0.013	0.04	0.2	0.05	7.1	0.1	<0.05	5	<0.5	<0.2
1393370	Soil	27	33	0.80	557	0.043	1	2.02	0.007	0.25	0.1	0.05	5.0	0.1	<0.05	7	<0.5	<0.2
1393337	Soil	21	62	0.87	232	0.114	1	1.81	0.008	0.18	0.1	0.02	5.2	0.2	<0.05	6	<0.5	<0.2
1393332	Soil	16	73	0.81	293	0.055	1	1.72	0.013	0.06	0.2	0.05	7.5	0.2	<0.05	5	<0.5	0.4
1393340	Soil	25	53	0.82	286	0.147	<1	1.99	0.009	0.22	0.1	0.02	4.9	0.2	<0.05	6	<0.5	<0.2
1393372	Soil	26	27	0.65	348	0.083	1	1.58	0.008	0.24	0.1	0.02	4.8	0.1	<0.05	5	<0.5	<0.2
1393351	Rock Pulp	4	30	0.77	93	0.116	3	1.53	0.075	0.12	14.0	<0.01	4.5	<0.1	<0.05	5	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1393339	Soil		0.4	47.7	4.9	71	<0.1	93.8	27.3	454	2.94	2.3	0.7	1.2	2.8	23	<0.1	0.1	<0.1	79	0.37	0.029
1393341	Soil		0.7	33.8	9.9	66	<0.1	36.9	14.2	392	2.97	4.1	1.3	1.1	6.7	17	0.1	0.3	0.1	58	0.18	0.025
1393385	Soil		1.1	50.4	63.2	151	0.5	32.7	14.7	618	3.65	63.8	0.7	5.4	4.4	33	0.7	3.4	1.2	83	0.73	0.048
1393333	Soil		1.2	56.9	35.3	98	3.0	36.8	11.3	333	2.10	7.6	0.8	2.2	1.6	19	1.4	0.8	0.4	49	0.38	0.047
1393336	Soil		1.2	38.7	67.7	160	1.2	32.5	10.3	408	2.58	31.4	0.6	4.2	2.5	23	1.7	0.9	0.8	60	0.30	0.029
1393343	Soil		0.7	58.0	8.1	49	<0.1	55.6	15.5	361	2.45	4.2	0.4	3.2	2.5	15	<0.1	0.3	0.1	64	0.31	0.018
1393371	Soil		0.6	9.0	7.7	48	<0.1	18.7	10.1	317	3.02	2.3	0.7	<0.5	8.7	10	<0.1	0.3	0.2	39	0.10	0.034
1393335	Soil		1.1	71.6	118.8	237	0.7	49.8	14.0	491	3.34	28.4	0.9	12.1	5.3	22	0.7	1.4	1.6	72	0.36	0.016
1393338	Soil		0.6	55.1	7.5	71	<0.1	73.8	22.6	589	3.08	3.6	0.6	3.0	3.7	16	<0.1	0.3	0.1	81	0.33	0.023
1393342	Soil		0.7	35.7	9.3	63	<0.1	34.4	13.1	433	2.71	5.2	1.0	1.7	5.1	14	<0.1	0.3	0.1	51	0.18	0.025
1393380	Soil		1.2	99.8	20.1	90	0.3	35.0	15.9	752	3.90	43.5	1.3	6.9	5.6	28	0.2	2.0	1.1	84	0.72	0.032
1393374	Soil		0.8	29.7	10.3	61	0.1	29.2	14.4	456	4.29	13.4	1.3	2.5	14.0	27	<0.1	1.2	0.2	70	0.45	0.039
1393364	Soil		1.2	81.4	30.0	122	0.6	32.2	13.1	789	4.18	135.3	1.1	14.0	7.1	21	0.3	5.2	1.4	88	0.48	0.020
1393368	Soil		0.3	29.0	7.0	60	<0.1	33.0	16.9	498	4.06	3.5	0.5	10.2	7.7	11	<0.1	0.2	0.3	62	0.18	0.042
1393381	Soil		0.7	75.0	15.5	70	0.4	24.8	14.1	507	3.45	73.2	0.7	6.8	2.7	40	0.3	1.5	1.5	67	1.50	0.052
1393377	Soil		0.5	23.2	8.5	97	<0.1	23.6	15.0	787	4.89	2.3	1.2	2.1	17.6	28	<0.1	0.4	0.2	85	0.47	0.086
1393365	Soil		1.3	305.2	49.5	163	1.1	37.1	18.5	1101	5.27	154.5	1.5	18.9	8.4	17	0.7	2.3	3.3	103	0.41	0.034
1393366	Soil		0.9	63.7	12.1	114	0.2	43.6	22.6	1231	5.35	60.2	1.3	7.0	8.6	23	0.2	1.8	1.3	122	0.54	0.037
1393383	Soil		0.9	52.2	30.4	96	0.3	30.4	12.0	460	2.86	27.6	1.0	6.1	4.4	33	0.3	2.1	0.5	62	0.60	0.063
1393375	Soil		0.6	20.8	8.8	48	<0.1	22.4	9.2	260	3.20	4.4	1.0	5.2	10.5	28	<0.1	0.5	0.2	55	0.41	0.034
1393384	Soil		1.1	55.8	103.6	165	0.7	32.4	13.3	527	3.19	47.2	0.8	7.4	4.2	34	0.8	3.6	0.8	70	0.65	0.060
1393367	Soil		2.1	16.7	10.6	61	0.2	14.1	9.5	1231	3.13	17.0	0.9	3.2	3.0	37	0.2	0.7	0.2	60	0.52	0.090
1393376	Soil		0.6	23.3	8.7	56	<0.1	26.9	14.4	447	4.34	2.5	1.3	1.1	15.6	23	<0.1	0.4	0.1	69	0.45	0.033
1393379	Soil		0.5	20.3	9.8	45	0.2	12.5	7.1	243	2.51	11.2	1.5	2.2	3.5	52	<0.1	0.5	0.2	50	0.65	0.065
1393382	Soil		0.8	33.8	15.9	66	0.2	25.7	8.8	346	2.29	15.6	0.6	3.8	2.6	44	0.3	1.5	0.2	50	1.08	0.072
1393369	Soil		1.4	46.1	8.1	76	<0.1	28.3	12.0	545	2.62	8.0	1.3	4.8	13.6	16	<0.1	0.3	0.2	27	0.20	0.019
1393353	Soil		0.5	18.5	4.2	62	<0.1	11.1	11.2	521	3.65	2.1	0.6	1.0	7.1	11	<0.1	0.5	<0.1	78	0.18	0.021
1393363	Soil		0.6	50.2	134.0	202	0.5	36.9	18.7	734	4.09	76.6	0.6	14.4	4.8	28	0.6	3.0	0.7	93	0.52	0.029
1393357	Soil		0.9	28.1	8.4	74	0.2	27.2	11.8	366	2.61	9.4	0.7	2.1	3.5	36	0.4	0.7	0.2	52	0.78	0.071
1393373	Soil		0.7	22.9	10.5	57	0.1	28.0	18.9	804	4.49	4.9	1.1	5.0	12.2	28	0.1	1.2	0.2	79	0.39	0.046

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1393339	Soil	13	209	1.89	198	0.197	<1	2.56	0.010	0.24	<0.1	0.01	3.8	0.1	<0.05	6	<0.5	<0.2
1393341	Soil	24	65	0.90	227	0.131	1	2.00	0.009	0.19	0.1	0.02	4.4	0.2	<0.05	6	<0.5	<0.2
1393385	Soil	12	83	1.14	244	0.129	2	2.30	0.018	0.10	1.0	0.03	7.0	0.2	<0.05	7	<0.5	0.2
1393333	Soil	12	55	0.63	150	0.044	1	1.71	0.016	0.05	0.1	0.05	5.2	0.1	<0.05	5	<0.5	<0.2
1393336	Soil	13	47	0.58	290	0.050	1	1.91	0.010	0.07	0.2	0.03	3.7	0.1	<0.05	6	<0.5	0.4
1393343	Soil	9	112	1.01	190	0.104	2	1.98	0.012	0.05	0.1	0.02	4.1	<0.1	<0.05	5	<0.5	<0.2
1393371	Soil	8	28	0.69	182	0.077	<1	1.48	0.006	0.35	0.1	<0.01	2.5	0.2	<0.05	7	<0.5	<0.2
1393335	Soil	18	79	0.88	266	0.075	<1	2.14	0.013	0.06	0.1	0.03	8.2	0.1	<0.05	6	<0.5	0.2
1393338	Soil	14	168	1.63	266	0.135	1	2.22	0.009	0.07	<0.1	0.02	5.9	<0.1	<0.05	6	<0.5	<0.2
1393342	Soil	17	58	0.80	186	0.104	<1	1.75	0.007	0.14	0.1	0.02	3.9	0.1	<0.05	5	<0.5	<0.2
1393380	Soil	15	93	1.30	361	0.104	1	2.51	0.013	0.18	0.3	0.03	8.7	0.2	<0.05	8	<0.5	<0.2
1393374	Soil	57	39	0.80	399	0.057	<1	1.97	0.009	0.29	0.2	0.07	10.7	0.1	<0.05	6	<0.5	<0.2
1393364	Soil	19	99	1.39	210	0.089	1	2.62	0.011	0.15	0.3	0.04	8.6	0.3	<0.05	9	<0.5	0.3
1393368	Soil	11	42	1.58	356	0.213	<1	2.88	0.011	0.86	0.1	0.02	6.3	0.4	<0.05	10	<0.5	<0.2
1393381	Soil	9	77	1.14	357	0.075	2	1.88	0.012	0.26	0.3	0.03	6.8	0.2	0.09	6	0.7	0.4
1393377	Soil	57	32	1.31	536	0.137	<1	2.43	0.007	0.56	0.2	0.02	7.7	0.3	<0.05	11	<0.5	<0.2
1393365	Soil	17	153	2.50	225	0.155	<1	3.34	0.009	0.67	0.4	0.02	10.5	0.7	<0.05	11	<0.5	<0.2
1393366	Soil	13	166	2.35	178	0.165	<1	3.58	0.011	0.37	0.3	0.02	12.8	0.5	<0.05	11	<0.5	<0.2
1393383	Soil	15	49	0.81	307	0.097	<1	1.74	0.021	0.09	0.3	0.04	5.1	0.1	<0.05	6	<0.5	<0.2
1393375	Soil	45	30	0.66	346	0.075	1	1.69	0.010	0.22	0.2	0.03	6.6	0.1	<0.05	6	<0.5	<0.2
1393384	Soil	13	67	0.99	287	0.107	1	2.09	0.018	0.09	0.5	0.04	6.2	0.1	<0.05	6	<0.5	<0.2
1393367	Soil	19	27	0.39	738	0.034	<1	1.56	0.011	0.08	0.2	0.11	4.9	<0.1	0.06	5	<0.5	<0.2
1393376	Soil	61	35	1.18	495	0.125	1	2.41	0.009	0.55	0.2	0.04	9.4	0.2	<0.05	8	<0.5	<0.2
1393379	Soil	35	21	0.41	444	0.056	1	1.63	0.013	0.10	0.1	0.08	4.0	<0.1	0.05	6	<0.5	<0.2
1393382	Soil	13	33	0.59	341	0.066	2	1.33	0.020	0.06	0.3	0.04	4.0	<0.1	<0.05	4	<0.5	<0.2
1393369	Soil	26	20	0.54	286	0.053	<1	1.28	0.005	0.24	<0.1	0.06	4.5	0.2	<0.05	4	<0.5	<0.2
1393353	Soil	29	33	1.39	428	0.176	<1	2.15	0.007	0.55	0.1	0.01	10.1	0.2	<0.05	9	<0.5	<0.2
1393363	Soil	10	112	1.69	202	0.168	<1	2.76	0.013	0.11	0.4	0.02	6.9	0.2	<0.05	9	<0.5	<0.2
1393357	Soil	14	29	0.59	328	0.069	1	1.39	0.019	0.09	0.2	0.03	4.4	<0.1	<0.05	4	<0.5	<0.2
1393373	Soil	39	49	0.90	733	0.025	<1	2.23	0.010	0.19	0.2	0.08	12.0	<0.1	<0.05	7	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1393352	Soil	1.4	11.7	6.2	55	<0.1	11.6	10.1	398	3.73	5.0	1.2	5.3	6.1	13	<0.1	1.2	0.4	59	0.24	0.022
1393354	Soil	0.8	26.8	13.5	72	<0.1	22.7	15.6	779	4.31	5.1	0.8	2.3	7.3	17	0.1	2.7	0.3	101	0.48	0.032
1393358	Soil	1.1	18.1	10.7	56	0.2	17.0	7.5	318	2.28	7.9	1.4	1.8	3.7	39	0.3	0.8	0.3	54	0.93	0.059
1393378	Soil	0.8	16.6	7.7	47	<0.1	19.4	9.1	240	2.83	5.5	0.8	0.5	7.1	22	<0.1	0.5	0.2	45	0.24	0.031
1370870	Soil	1.0	18.1	10.8	55	0.3	16.1	6.1	168	2.30	4.1	0.7	1.4	2.6	16	0.1	0.4	0.2	40	0.15	0.040
1393355	Soil	0.8	31.4	9.7	66	0.1	25.8	9.6	435	2.48	8.8	0.5	3.3	4.4	33	0.2	0.8	0.2	48	0.56	0.063
1393359	Soil	0.5	40.2	26.7	159	0.2	33.5	17.2	760	3.83	34.8	0.8	2.3	5.8	23	0.6	2.8	1.2	83	0.42	0.023
1393362	Soil	0.9	60.3	46.0	118	1.0	32.9	14.1	582	3.62	47.9	0.7	8.7	4.4	30	0.4	2.5	0.6	77	0.36	0.019
1370866	Soil	1.1	26.8	11.5	64	0.3	19.3	8.2	266	2.61	5.0	0.8	2.4	3.9	18	0.1	0.4	0.2	40	0.20	0.039
1393356	Soil	1.0	28.4	11.2	67	0.2	22.1	11.6	423	2.68	8.7	1.1	2.0	4.9	30	0.3	1.5	0.2	54	0.77	0.064
1393361	Soil	0.5	43.0	95.8	244	1.3	32.1	18.6	963	4.29	123.8	0.9	3.3	5.9	30	1.0	6.0	1.6	99	0.54	0.027
1393360	Soil	0.9	37.0	42.2	122	0.4	29.9	12.1	530	3.36	52.4	0.7	4.6	4.9	27	0.3	3.3	0.7	73	0.35	0.017
1370858	Soil	2.0	27.1	216.2	395	1.1	29.2	14.7	1011	4.02	45.8	1.0	6.6	9.6	12	1.6	3.4	0.6	39	0.11	0.042
1370860	Soil	1.2	30.6	179.7	255	1.6	24.5	9.3	543	2.79	39.8	1.0	18.9	7.2	19	2.8	3.2	0.6	38	0.23	0.057
1370867	Soil	1.0	26.3	10.0	59	0.3	18.1	10.1	416	2.39	5.6	1.0	2.8	2.1	20	<0.1	0.5	0.2	43	0.21	0.043
1370868	Soil	1.2	28.4	9.8	53	0.3	17.6	7.4	300	2.28	4.9	0.8	2.8	1.8	16	<0.1	0.3	0.1	41	0.15	0.042
1370856	Soil	1.5	40.9	57.4	131	0.6	31.5	13.0	573	3.36	10.5	1.8	3.9	7.9	16	0.6	0.8	0.3	51	0.16	0.045
1370861	Soil	1.4	29.5	138.9	181	2.1	26.4	10.0	461	2.77	43.6	1.2	29.6	6.1	21	1.2	3.2	0.6	42	0.25	0.057
1370864	Soil	0.6	19.3	13.2	74	0.2	20.8	9.8	312	2.67	6.1	1.1	1.9	5.4	21	0.1	0.3	0.2	44	0.24	0.049
1370871	Soil	1.1	21.0	11.2	61	0.1	16.7	8.2	260	2.53	4.3	0.7	1.6	4.3	13	0.1	0.4	0.1	39	0.14	0.036
1370859	Soil	2.0	43.1	649.8	481	6.1	25.4	8.1	542	3.67	192.8	1.6	29.1	8.1	18	2.3	10.0	1.1	34	0.13	0.045
1370855	Soil	1.1	27.5	28.0	83	0.1	29.6	13.9	481	4.00	8.3	1.0	3.0	8.9	13	0.2	0.7	0.5	54	0.12	0.033
1370863	Soil	0.7	22.6	26.8	96	0.3	25.2	11.6	386	2.85	7.7	1.1	2.5	6.1	21	0.2	0.5	0.2	42	0.28	0.048
1370869	Soil	0.9	26.7	9.1	55	0.1	19.6	8.1	303	2.61	5.4	0.9	4.3	3.2	14	<0.1	0.5	0.1	42	0.16	0.039
1370857	Soil	0.8	19.3	77.5	113	0.4	20.1	10.9	521	3.27	13.5	0.7	1.6	7.7	12	0.5	0.8	0.3	43	0.15	0.034
1370875	Soil	0.9	20.9	28.8	95	0.3	21.3	10.9	389	3.05	9.1	0.8	2.9	5.3	15	0.2	0.6	0.2	48	0.20	0.052
1370862	Soil	0.8	27.8	35.0	158	0.5	30.6	14.2	469	3.25	10.7	1.0	3.1	7.2	13	0.7	0.8	0.6	41	0.17	0.036
1370865	Soil	0.8	25.2	11.6	65	0.2	19.2	8.3	272	2.53	5.2	0.8	6.9	3.7	18	0.2	0.4	0.2	43	0.21	0.042
1370852	Soil	0.5	26.5	11.5	70	<0.1	27.7	11.2	404	3.21	5.4	1.1	1.9	8.3	16	<0.1	0.5	0.2	45	0.20	0.029
1370854	Soil	0.6	26.4	17.2	82	<0.1	31.8	13.4	530	3.47	6.3	0.7	1.3	10.2	13	0.2	0.4	0.2	43	0.13	0.026

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1393352	Soil	21	25	0.61	387	0.070	2	1.36	0.009	0.35	0.1	0.01	8.6	0.1	<0.05	5	<0.5	<0.2
1393354	Soil	25	77	1.68	477	0.116	1	2.66	0.016	0.42	0.1	0.03	13.2	0.2	<0.05	10	<0.5	<0.2
1393358	Soil	13	28	0.53	346	0.059	3	1.28	0.018	0.08	0.2	0.03	4.8	<0.1	<0.05	4	1.0	<0.2
1393378	Soil	22	27	0.62	230	0.066	<1	1.56	0.010	0.15	0.1	0.02	3.6	0.1	<0.05	5	<0.5	<0.2
1370870	Soil	15	23	0.45	306	0.058	1	1.51	0.009	0.10	0.1	0.05	2.6	0.1	<0.05	5	<0.5	<0.2
1393355	Soil	16	26	0.58	363	0.068	1	1.35	0.027	0.10	0.2	0.04	4.2	<0.1	<0.05	4	<0.5	<0.2
1393359	Soil	10	114	1.47	173	0.171	1	2.76	0.012	0.14	4.2	0.02	6.8	0.2	<0.05	9	<0.5	<0.2
1393362	Soil	15	65	0.99	212	0.109	<1	2.17	0.017	0.08	0.5	0.02	7.9	<0.1	<0.05	6	0.5	<0.2
1370866	Soil	18	26	0.51	314	0.078	<1	1.51	0.009	0.14	0.1	0.02	3.2	0.2	<0.05	5	<0.5	<0.2
1393356	Soil	17	30	0.67	358	0.076	2	1.41	0.020	0.15	0.2	0.03	5.7	<0.1	<0.05	5	<0.5	<0.2
1393361	Soil	9	124	1.65	185	0.187	1	3.25	0.016	0.35	1.0	<0.01	8.9	0.2	<0.05	11	<0.5	<0.2
1393360	Soil	15	70	0.99	217	0.111	<1	2.23	0.013	0.11	0.6	0.02	7.4	0.1	<0.05	7	<0.5	<0.2
1370858	Soil	30	28	0.54	164	0.063	<1	1.77	0.007	0.27	0.1	0.03	3.3	0.4	<0.05	5	0.7	0.3
1370860	Soil	24	25	0.47	267	0.071	<1	1.19	0.010	0.16	0.2	0.04	4.0	0.2	<0.05	4	0.6	<0.2
1370867	Soil	16	26	0.48	390	0.060	1	1.48	0.010	0.10	0.1	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
1370868	Soil	15	24	0.41	470	0.057	1	1.43	0.008	0.09	<0.1	0.02	2.8	0.1	<0.05	5	0.5	<0.2
1370856	Soil	28	35	0.73	158	0.107	1	2.10	0.008	0.34	0.2	0.03	4.0	0.3	<0.05	7	<0.5	<0.2
1370861	Soil	22	31	0.60	310	0.084	1	1.84	0.010	0.18	0.1	0.05	4.7	0.2	<0.05	6	0.8	0.3
1370864	Soil	21	31	0.62	288	0.100	1	1.76	0.010	0.16	0.2	0.03	4.5	0.2	<0.05	5	<0.5	<0.2
1370871	Soil	18	25	0.46	280	0.080	<1	1.45	0.007	0.14	0.1	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1370859	Soil	29	26	0.40	225	0.053	1	1.30	0.006	0.21	<0.1	0.07	4.0	0.4	<0.05	4	1.4	0.5
1370855	Soil	28	35	0.68	150	0.120	2	2.18	0.009	0.29	0.1	0.04	3.3	0.3	<0.05	7	<0.5	<0.2
1370863	Soil	24	31	0.66	240	0.108	<1	1.87	0.010	0.21	0.1	0.02	4.0	0.2	<0.05	6	0.8	<0.2
1370869	Soil	16	28	0.50	203	0.075	<1	1.66	0.008	0.14	<0.1	0.02	3.4	0.2	<0.05	5	<0.5	<0.2
1370857	Soil	31	29	0.61	192	0.110	<1	1.83	0.007	0.27	<0.1	0.02	3.3	0.3	<0.05	6	0.6	<0.2
1370875	Soil	19	29	0.73	148	0.112	2	1.73	0.010	0.16	0.2	0.01	3.2	0.2	<0.05	6	<0.5	<0.2
1370862	Soil	23	31	0.80	209	0.126	<1	2.08	0.008	0.29	0.1	0.01	4.1	0.3	<0.05	7	<0.5	<0.2
1370865	Soil	19	29	0.52	328	0.079	<1	1.60	0.009	0.13	0.1	0.03	3.5	0.2	<0.05	5	<0.5	<0.2
1370852	Soil	31	33	0.75	188	0.129	<1	1.84	0.011	0.28	0.2	0.02	4.4	0.3	<0.05	5	<0.5	<0.2
1370854	Soil	31	33	0.75	171	0.135	<1	1.98	0.009	0.37	0.1	0.01	3.3	0.3	<0.05	6	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1393306	Soil		1.3	18.1	89.3	169	1.8	20.2	15.9	842	3.11	20.9	1.0	8.6	4.1	15	0.6	1.1	0.5	46	0.15	0.050
1393303	Soil		1.1	15.2	116.8	221	1.1	19.4	13.0	533	3.29	28.5	0.8	6.4	6.5	16	1.1	1.7	0.4	38	0.20	0.050
1393307	Soil		1.3	19.7	74.6	123	0.9	20.1	15.6	873	3.04	14.6	1.1	4.8	4.4	17	0.9	0.8	0.2	45	0.18	0.057
1370800	Soil		0.7	28.4	12.9	70	0.1	25.4	10.7	415	3.25	5.8	1.5	<0.5	8.6	14	0.1	0.4	0.2	46	0.18	0.038
1370874	Soil		1.2	21.5	24.9	86	0.2	21.5	10.5	386	2.98	9.2	0.8	1.6	4.2	15	0.2	0.5	0.2	46	0.19	0.049
1393302	Soil		0.8	16.7	33.1	112	0.4	22.2	11.3	491	2.62	9.5	0.9	3.3	4.7	19	0.4	0.5	0.3	44	0.22	0.044
1370853	Soil		0.5	37.1	54.3	125	0.2	37.8	15.0	440	3.64	6.1	1.3	3.1	10.8	19	0.2	0.8	0.3	44	0.28	0.038
1370872	Soil		1.0	19.6	11.2	63	0.2	18.9	9.1	321	2.61	5.6	0.7	4.9	3.7	14	0.1	0.3	0.2	43	0.15	0.042
1370798	Soil		0.8	30.5	12.5	82	<0.1	33.4	14.6	497	3.66	5.1	1.0	3.3	9.1	16	<0.1	0.3	0.3	53	0.19	0.036
1393304	Soil		1.1	22.6	80.1	213	1.4	24.7	13.6	753	2.93	19.2	1.0	18.8	4.8	23	2.0	1.3	0.4	47	0.31	0.055
1379233	Soil		0.9	60.1	19.7	94	0.1	30.9	13.9	632	3.48	20.3	0.9	2.6	5.2	62	0.2	13.6	0.2	82	1.09	0.040
1370799	Soil		0.9	23.1	13.9	77	<0.1	25.8	11.5	439	3.56	6.4	0.8	3.9	7.8	15	<0.1	0.4	0.3	60	0.17	0.031
1370873	Soil		0.8	13.2	14.1	73	0.2	18.0	8.6	246	2.55	6.3	0.7	16.6	5.4	14	<0.1	0.3	0.2	41	0.18	0.042
1393305	Soil		1.4	25.6	76.9	169	0.9	26.6	19.3	1481	3.24	16.7	1.3	6.6	5.6	17	0.6	1.0	0.4	49	0.20	0.052
1379249	Soil		0.6	43.5	41.4	120	0.3	30.3	15.1	595	3.24	27.5	1.1	12.8	5.2	29	0.5	3.0	0.7	70	0.47	0.044
1379236	Soil		0.7	13.5	10.8	54	<0.1	14.3	7.9	285	2.69	6.7	0.8	1.9	3.6	21	<0.1	0.5	0.3	60	0.52	0.043
1379240	Soil		1.2	27.1	15.0	62	0.1	14.9	8.3	286	2.49	8.6	1.0	14.7	5.4	38	0.1	1.3	0.2	59	0.49	0.055
1379235	Soil		1.1	24.7	10.6	64	<0.1	17.2	6.8	329	2.83	4.8	1.4	2.6	6.9	22	<0.1	0.5	0.3	51	0.36	0.035
1379250	Soil		0.6	29.6	10.6	60	0.1	21.1	8.4	226	2.39	10.5	1.0	5.7	3.6	29	0.1	0.9	0.2	56	0.43	0.071
1379237	Soil		0.7	97.4	15.8	92	<0.1	36.5	20.9	716	4.75	3.7	0.9	2.3	8.8	35	0.1	1.5	0.1	105	0.68	0.038
1379244	Soil		3.0	61.1	35.0	95	0.4	31.4	16.1	582	3.71	32.9	1.4	12.0	7.3	26	0.3	3.3	0.5	80	0.52	0.046
1379234	Soil		0.8	19.3	43.5	180	<0.1	38.4	20.9	977	6.23	3.1	2.2	2.2	5.2	39	0.4	1.5	1.3	120	0.71	0.043
1379247	Soil		1.2	62.7	38.6	102	0.2	33.5	16.8	568	3.54	47.8	0.9	7.1	5.6	26	0.3	6.3	0.5	81	0.54	0.037
1379238	Soil		1.3	28.7	18.7	71	0.1	19.7	9.1	262	2.83	13.3	0.7	2.0	4.1	24	0.2	5.9	0.2	67	0.36	0.018
1379241	Soil		5.1	58.4	12.2	80	0.2	37.2	16.2	476	4.01	9.0	1.3	4.3	5.9	28	0.2	2.5	0.2	94	0.65	0.052
1379242	Soil		2.0	27.0	34.5	58	0.3	21.0	10.5	1124	2.51	8.0	1.1	6.8	4.5	34	0.2	4.2	0.2	52	0.72	0.059
1379246	Soil		1.5	78.0	25.9	84	0.5	30.7	15.3	484	4.19	83.0	1.6	8.8	6.2	23	0.3	6.9	0.4	89	0.53	0.037
1379248	Soil		0.6	48.7	21.3	84	0.2	29.4	12.5	396	3.21	24.5	0.8	4.6	5.4	29	0.2	4.6	0.7	69	0.48	0.046
1379239	Soil		1.3	28.0	21.3	64	0.1	19.9	10.1	303	3.06	12.8	1.1	1.1	7.1	33	<0.1	3.0	0.2	71	0.46	0.029
1379243	Soil		3.4	42.0	25.0	54	0.3	27.2	13.5	620	2.83	8.3	1.1	3.3	3.8	35	0.3	0.9	0.2	66	0.74	0.053

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1393306	Soil	17	32	0.70	171	0.082	<1	1.76	0.009	0.13	0.1	0.05	3.5	0.2	<0.05	6	<0.5	0.4
1393303	Soil	23	24	0.51	227	0.063	1	1.48	0.007	0.13	0.1	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
1393307	Soil	19	29	0.74	167	0.087	<1	1.82	0.011	0.15	0.1	0.05	3.6	0.2	<0.05	6	<0.5	<0.2
1370800	Soil	33	33	0.65	191	0.115	<1	2.01	0.009	0.27	0.1	0.02	4.3	0.3	<0.05	6	<0.5	<0.2
1370874	Soil	17	28	0.68	144	0.102	<1	1.65	0.010	0.15	0.2	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1393302	Soil	19	29	0.62	211	0.094	<1	1.76	0.011	0.15	0.1	0.03	3.8	0.2	<0.05	6	0.9	<0.2
1370853	Soil	39	38	0.78	164	0.176	3	2.03	0.012	0.49	0.1	0.03	4.5	0.4	<0.05	6	<0.5	<0.2
1370872	Soil	19	27	0.44	222	0.085	2	1.53	0.008	0.13	0.2	0.03	3.1	0.2	<0.05	5	0.6	<0.2
1370798	Soil	25	37	0.81	195	0.168	2	2.24	0.008	0.51	0.1	0.02	4.2	0.4	<0.05	7	<0.5	<0.2
1393304	Soil	22	31	0.67	234	0.080	3	1.84	0.010	0.13	0.2	0.06	4.3	0.2	<0.05	5	<0.5	<0.2
1379233	Soil	13	109	1.17	348	0.130	2	2.75	0.019	0.06	0.2	0.03	9.0	<0.1	<0.05	9	<0.5	<0.2
1370799	Soil	19	38	0.70	172	0.148	3	2.19	0.008	0.31	0.1	0.01	3.6	0.3	<0.05	8	<0.5	<0.2
1370873	Soil	20	26	0.52	163	0.098	2	1.50	0.009	0.15	0.2	0.03	3.0	0.2	<0.05	5	<0.5	<0.2
1393305	Soil	23	33	0.72	237	0.090	2	1.90	0.010	0.14	0.2	0.05	4.2	0.3	<0.05	6	<0.5	<0.2
1379249	Soil	15	72	0.90	277	0.115	2	2.35	0.016	0.07	0.2	0.04	7.7	<0.1	<0.05	7	<0.5	<0.2
1379236	Soil	13	28	0.48	294	0.049	2	1.67	0.011	0.07	0.2	0.04	5.1	<0.1	<0.05	5	<0.5	<0.2
1379240	Soil	18	28	0.55	286	0.098	2	1.83	0.016	0.07	0.3	0.02	5.1	<0.1	<0.05	6	<0.5	<0.2
1379235	Soil	22	38	1.05	237	0.089	2	1.89	0.012	0.20	0.1	0.03	6.7	0.2	<0.05	6	0.5	<0.2
1379250	Soil	15	34	0.52	311	0.062	2	1.69	0.014	0.05	0.2	0.05	4.8	<0.1	<0.05	5	<0.5	<0.2
1379237	Soil	14	160	1.73	295	0.197	1	2.81	0.013	0.15	0.2	<0.01	9.5	0.1	<0.05	10	<0.5	<0.2
1379244	Soil	23	71	0.92	407	0.093	2	2.54	0.015	0.15	0.2	0.05	11.2	0.1	<0.05	8	0.5	<0.2
1379234	Soil	8	186	2.19	188	0.132	2	3.21	0.011	0.07	<0.1	0.02	13.1	<0.1	<0.05	13	<0.5	<0.2
1379247	Soil	14	98	1.13	226	0.167	1	2.71	0.016	0.15	0.3	0.04	8.0	0.1	<0.05	8	<0.5	<0.2
1379238	Soil	15	54	0.67	530	0.068	1	1.87	0.011	0.04	0.1	0.02	5.4	<0.1	<0.05	6	0.5	<0.2
1379241	Soil	15	116	1.41	245	0.115	2	2.63	0.020	0.14	0.2	0.04	13.0	<0.1	<0.05	9	<0.5	<0.2
1379242	Soil	19	30	0.41	699	0.052	2	1.77	0.015	0.08	0.1	0.05	5.6	<0.1	<0.05	5	0.6	<0.2
1379246	Soil	16	89	0.96	228	0.132	2	2.88	0.016	0.16	0.2	0.06	10.6	0.1	<0.05	8	1.0	<0.2
1379248	Soil	15	69	0.93	260	0.115	1	2.30	0.018	0.10	0.2	0.04	8.0	<0.1	<0.05	6	<0.5	<0.2
1379239	Soil	22	46	0.64	389	0.093	<1	2.38	0.011	0.06	0.2	0.02	7.2	<0.1	<0.05	7	0.6	<0.2
1379243	Soil	13	61	0.70	317	0.115	2	1.77	0.020	0.10	0.2	0.04	7.7	<0.1	<0.05	6	0.7	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1365159	Soil	1.2	29.9	91.4	155	1.7	31.9	12.7	475	2.84	17.4	0.7	9.3	4.9	23	0.6	1.9	1.7	53	0.41	0.047
1365161	Soil	1.0	41.0	67.5	154	1.4	36.2	13.0	427	2.55	9.0	1.1	6.9	4.2	23	0.6	1.4	1.2	55	0.38	0.044
1365166	Soil	1.5	67.1	290.4	520	4.5	50.4	11.4	455	3.40	137.2	0.7	27.3	4.1	16	1.9	4.5	3.8	68	0.23	0.028
1365152	Soil	1.5	58.4	277.3	321	3.9	43.0	14.1	607	3.69	24.3	1.3	43.7	7.8	13	1.9	3.6	6.5	63	0.12	0.034
1365158	Soil	1.1	60.3	71.6	248	2.0	58.3	16.2	1002	3.29	14.4	1.1	15.3	4.9	32	2.3	1.8	1.7	62	0.60	0.049
1377701	Rock Pulp	1.2	424.3	21.7	166	0.3	208.9	72.4	785	14.94	3.3	1.2	33.8	7.2	15	<0.1	0.3	0.2	200	0.28	0.041
1365164	Soil	1.0	64.0	125.8	218	1.3	62.0	16.5	507	3.12	30.6	0.5	6.6	2.4	20	1.6	1.6	0.7	81	0.51	0.023
1365153	Soil	1.4	61.1	276.4	353	4.2	47.5	14.4	679	3.60	25.3	1.1	29.6	6.1	14	2.7	3.6	5.8	59	0.16	0.033
1365156	Soil	0.6	57.4	122.0	369	1.8	60.4	21.0	673	2.99	16.3	0.9	11.5	3.2	18	3.0	1.8	1.5	58	0.28	0.028
1365160	Soil	1.0	31.2	82.3	175	1.6	34.9	16.5	1004	2.82	18.3	0.8	6.6	4.8	23	0.9	1.6	1.6	50	0.45	0.041
1365163	Soil	1.0	54.8	93.2	246	0.9	54.0	15.0	646	2.97	15.5	0.7	4.6	2.9	20	1.0	1.8	0.7	68	0.41	0.029
1365165	Soil	1.0	56.1	61.8	166	1.4	51.9	14.0	424	2.76	11.3	0.7	10.4	3.0	20	0.9	1.2	1.0	65	0.35	0.024
1365155	Soil	1.1	30.2	94.3	139	2.7	22.8	9.0	340	2.81	14.4	0.9	525.7	4.6	14	0.9	1.6	2.7	43	0.10	0.035
1365157	Soil	1.0	59.0	93.4	265	0.7	57.8	16.6	620	3.43	11.8	0.9	9.7	4.9	32	2.0	1.7	0.8	62	0.41	0.041
1365162	Soil	1.2	39.8	105.2	198	1.8	35.6	12.9	587	2.54	11.9	0.8	19.5	4.0	26	1.4	2.1	1.7	55	0.48	0.049
1365154	Soil	1.1	41.1	138.9	268	2.0	35.6	13.7	657	3.51	23.2	1.5	50.6	10.4	13	1.2	3.1	3.4	43	0.11	0.033
1267461	Soil	2.0	100.7	522.1	544	5.3	60.0	14.2	513	3.72	103.9	1.5	26.1	6.1	11	2.4	6.5	5.4	105	0.10	0.034
1267460	Soil	0.9	26.9	17.2	64	0.2	27.9	9.9	346	2.75	9.2	0.9	3.5	4.6	20	0.1	0.5	0.4	58	0.25	0.024
1267452	Soil	0.3	51.1	5.1	71	<0.1	104.0	29.1	699	2.80	1.9	0.5	3.8	2.9	22	<0.1	0.2	0.1	68	0.42	0.030
1379245	Soil	2.5	66.4	32.6	109	0.3	31.1	15.3	585	4.20	48.1	1.1	11.5	7.0	23	0.2	4.3	0.7	95	0.55	0.040
1267457	Soil	0.8	57.2	9.7	75	<0.1	50.5	13.6	461	2.80	3.8	0.8	2.8	5.0	15	0.1	0.3	0.2	65	0.17	0.019
1267451	Rock Pulp	2.2	22.9	2.4	41	0.3	21.3	9.2	372	2.24	4.5	0.3	2.8	0.8	38	0.2	0.3	<0.1	55	0.75	0.061
1267462	Soil	1.1	68.1	127.9	323	2.4	51.9	14.2	480	3.26	19.8	0.9	24.2	7.0	11	2.9	1.5	1.4	63	0.11	0.022
1267453	Soil	0.7	36.7	10.8	77	<0.1	45.0	15.9	480	3.38	5.0	1.4	3.6	8.0	21	<0.1	0.4	0.2	61	0.19	0.027
1285460	Soil	1.5	47.4	98.8	143	0.6	35.8	15.7	629	3.81	15.9	2.0	4.5	9.2	17	0.4	1.0	0.4	51	0.13	0.038
1267458	Soil	0.9	55.4	25.0	76	0.1	58.1	17.8	532	3.25	6.4	0.5	2.7	4.1	14	0.2	0.5	0.1	75	0.21	0.026
1267463	Soil	1.4	42.1	179.2	270	0.6	37.7	11.8	398	3.55	15.9	0.8	20.1	5.0	13	1.6	1.7	1.0	70	0.13	0.037
1267454	Soil	0.6	42.5	9.3	62	<0.1	49.1	16.3	526	2.84	4.9	1.0	3.7	5.2	19	0.1	0.4	0.1	60	0.22	0.021
1285458	Soil	1.7	30.2	35.5	69	<0.1	23.6	9.8	370	3.71	11.6	1.0	1.9	5.3	15	0.2	0.8	0.3	59	0.09	0.036
1267459	Soil	1.0	33.0	13.2	48	0.3	29.8	9.7	419	2.49	5.9	0.7	3.0	2.8	20	0.1	0.4	0.3	56	0.26	0.035

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1365159	Soil	17	61	0.71	245	0.057	2	1.69	0.011	0.07	0.1	0.04	4.4	0.2	<0.05	5	0.7	0.4
1365161	Soil	17	55	0.67	330	0.049	2	1.77	0.011	0.06	0.2	0.04	6.3	0.1	<0.05	5	0.6	0.3
1365166	Soil	14	75	0.82	226	0.048	1	2.36	0.008	0.08	<0.1	0.03	5.0	0.2	<0.05	6	1.0	0.8
1365152	Soil	23	50	0.67	228	0.060	3	2.43	0.008	0.14	0.1	0.05	6.0	0.3	<0.05	6	0.8	1.5
1365158	Soil	20	101	0.83	371	0.054	<1	2.15	0.013	0.08	<0.1	0.05	9.5	0.2	<0.05	6	0.8	0.3
1377701	Rock Pulp	18	621	0.13	149	0.170	4	4.30	0.011	0.07	<0.1	0.03	39.0	<0.1	<0.05	21	<0.5	<0.2
1365164	Soil	10	111	1.10	193	0.040	1	2.57	0.016	0.04	<0.1	0.02	7.9	0.2	<0.05	6	1.3	<0.2
1365153	Soil	23	55	0.68	245	0.042	2	1.77	0.008	0.11	0.1	0.04	6.0	0.3	<0.05	6	0.7	1.7
1365156	Soil	16	93	0.86	173	0.053	2	1.89	0.012	0.08	<0.1	0.03	6.0	0.2	<0.05	6	<0.5	0.2
1365160	Soil	17	57	0.65	259	0.056	2	1.54	0.010	0.07	0.1	0.03	4.9	0.2	<0.05	5	<0.5	0.5
1365163	Soil	14	93	0.97	279	0.054	1	2.04	0.013	0.05	0.1	0.03	7.2	0.2	<0.05	6	<0.5	<0.2
1365165	Soil	15	84	0.88	279	0.037	<1	2.23	0.011	0.05	0.1	0.03	7.0	0.2	<0.05	6	1.0	<0.2
1365155	Soil	21	26	0.46	143	0.043	2	1.60	0.009	0.14	<0.1	0.03	2.8	0.2	<0.05	5	<0.5	0.6
1365157	Soil	19	89	0.80	345	0.050	<1	1.96	0.011	0.09	<0.1	0.03	8.7	0.2	<0.05	5	<0.5	<0.2
1365162	Soil	15	55	0.70	296	0.049	1	1.60	0.014	0.05	0.1	0.03	5.6	0.1	<0.05	5	0.6	0.4
1365154	Soil	31	30	0.60	156	0.067	1	1.63	0.006	0.20	<0.1	0.03	4.0	0.3	<0.05	5	0.6	1.0
1267461	Soil	19	90	1.10	373	0.100	1	2.41	0.007	0.20	<0.1	0.04	6.1	0.3	<0.05	8	1.9	0.9
1267460	Soil	15	43	0.64	255	0.074	1	1.72	0.008	0.08	0.1	0.01	4.3	0.1	<0.05	5	<0.5	<0.2
1267452	Soil	10	227	2.08	283	0.157	<1	2.19	0.011	0.46	<0.1	0.01	5.5	0.1	<0.05	5	<0.5	<0.2
1379245	Soil	17	106	1.35	246	0.156	<1	2.51	0.016	0.28	0.2	0.02	10.9	0.2	<0.05	9	<0.5	<0.2
1267457	Soil	19	91	1.07	311	0.107	<1	1.82	0.012	0.14	<0.1	0.01	5.1	0.2	<0.05	6	0.9	<0.2
1267451	Rock Pulp	4	28	0.74	90	0.099	2	1.43	0.075	0.12	11.7	<0.01	4.1	<0.1	<0.05	5	<0.5	<0.2
1267462	Soil	14	55	0.67	227	0.065	2	2.41	0.009	0.11	<0.1	0.04	4.3	0.2	<0.05	6	<0.5	0.4
1267453	Soil	29	77	1.02	254	0.136	<1	2.14	0.009	0.25	0.1	0.02	5.6	0.2	<0.05	7	<0.5	<0.2
1285460	Soil	31	34	0.86	124	0.119	1	2.16	0.008	0.36	0.1	0.03	3.6	0.3	<0.05	7	<0.5	<0.2
1267458	Soil	13	113	1.21	260	0.125	1	2.11	0.009	0.16	0.1	<0.01	4.3	0.2	<0.05	7	<0.5	<0.2
1267463	Soil	15	46	0.66	160	0.056	1	2.30	0.008	0.10	0.1	0.04	4.6	0.2	<0.05	7	0.7	0.2
1267454	Soil	17	87	1.08	215	0.107	<1	1.90	0.010	0.13	<0.1	0.01	4.8	0.1	<0.05	5	<0.5	<0.2
1285458	Soil	23	26	0.52	112	0.085	1	1.69	0.007	0.19	0.1	0.03	2.4	0.2	<0.05	7	<0.5	<0.2
1267459	Soil	12	51	0.55	228	0.066	<1	1.63	0.016	0.09	0.1	0.02	3.7	0.2	<0.05	6	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1267456	Soil	0.9	38.0	9.9	69	<0.1	43.8	12.3	813	2.83	4.4	0.4	2.5	3.5	9	<0.1	0.2	0.2	71	0.12	0.040
1267455	Soil	1.4	41.9	13.8	82	<0.1	36.9	16.8	735	3.36	4.8	1.3	1.5	6.9	16	0.2	0.5	0.2	51	0.13	0.030
1379229	Soil	3.9	48.5	32.9	67	0.3	33.4	13.8	784	3.18	10.6	1.1	5.9	5.0	33	0.3	1.2	0.3	73	0.53	0.050
1379222	Soil	0.6	24.0	12.0	55	0.1	20.0	8.9	293	2.24	11.6	1.1	3.6	3.7	29	0.2	1.1	0.2	50	0.40	0.070
1285454	Soil	0.9	28.2	15.1	75	<0.1	31.5	12.1	381	3.29	6.4	1.0	5.6	7.6	15	<0.1	0.6	0.3	50	0.16	0.026
1285453	Soil	1.1	41.2	13.9	71	0.1	31.3	13.0	381	3.21	7.2	1.5	4.0	6.6	20	<0.1	0.5	0.2	56	0.19	0.037
1379224	Soil	0.8	37.9	30.5	73	0.2	26.1	11.4	359	3.09	37.1	1.2	6.7	4.6	29	0.2	3.1	0.3	64	0.45	0.043
1365151	Rock Pulp	2.1	23.0	2.3	40	0.3	21.0	9.2	358	2.19	4.5	0.2	1.7	0.8	37	0.2	0.3	<0.1	54	0.71	0.059
1379225	Soil	0.7	36.6	29.7	70	0.2	26.1	11.1	394	2.78	31.4	1.3	5.8	4.5	31	0.3	3.3	0.3	62	0.43	0.048
1285468	Soil	4.4	78.7	272.6	546	4.9	33.6	15.1	1639	4.23	34.5	1.7	14.7	6.0	19	4.8	13.4	7.2	32	0.16	0.066
1379227	Soil	1.0	41.5	24.1	74	0.3	25.1	15.1	972	3.01	30.4	1.1	8.8	4.1	31	0.3	2.2	0.6	63	0.49	0.047
1379221	Soil	0.9	23.3	13.3	58	0.1	21.4	8.1	327	2.38	7.7	1.3	3.3	4.7	34	0.2	0.8	0.2	49	0.43	0.055
1379223	Soil	0.9	34.5	18.9	62	0.2	28.3	12.9	498	2.87	21.9	1.4	4.2	4.5	37	0.2	3.3	0.4	64	0.49	0.049
1317903	Soil	1.3	25.9	15.1	59	<0.1	25.5	10.7	312	3.47	8.1	0.8	7.0	4.6	14	<0.1	0.6	0.3	63	0.11	0.031
1379232	Soil	1.4	57.0	22.0	139	<0.1	40.2	22.3	872	4.50	8.4	0.9	3.9	6.2	67	0.2	3.5	0.3	103	1.24	0.056
1379228	Soil	0.9	33.3	17.5	62	0.2	20.6	11.9	346	3.20	20.9	1.0	3.5	4.6	28	0.2	2.0	0.3	64	0.42	0.048
1379226	Soil	0.6	40.4	17.8	64	0.2	23.8	10.5	344	2.67	27.3	1.2	4.9	4.6	29	0.3	3.6	0.3	62	0.45	0.047
1317907	Soil	0.9	30.1	12.7	75	<0.1	31.4	15.2	481	3.54	5.3	1.0	1.8	9.2	16	0.1	0.3	0.2	52	0.15	0.029
1369041	Soil	2.5	48.2	13.1	60	0.2	29.2	13.5	555	3.12	6.2	1.1	3.4	4.7	33	0.2	1.3	0.2	70	0.75	0.036
1285464	Soil	1.1	16.5	66.3	179	0.9	20.6	13.7	964	2.77	16.1	0.7	5.2	3.8	13	1.0	0.7	0.4	41	0.13	0.040
1285473	Soil	2.1	58.0	60.9	123	0.6	35.9	16.0	596	3.80	11.6	2.4	3.1	7.3	20	0.4	1.0	0.4	57	0.15	0.044
1379230	Soil	1.7	28.2	11.2	56	0.1	21.6	9.3	302	2.52	7.8	0.6	3.3	4.0	27	0.2	0.7	0.1	55	0.49	0.065
1369042	Soil	1.2	24.3	12.3	65	<0.1	22.0	13.2	482	3.57	5.2	1.4	1.2	6.5	22	<0.1	1.0	0.2	72	0.44	0.040
1369038	Soil	0.9	45.2	72.5	173	0.4	39.8	23.4	874	4.53	78.4	0.4	3.6	3.7	23	0.3	5.4	0.9	104	0.38	0.023
1317905	Soil	1.1	41.9	17.2	89	<0.1	43.3	20.7	689	4.19	3.1	1.2	<0.5	12.7	16	0.1	0.3	0.3	50	0.14	0.019
1379231	Soil	1.2	31.6	12.8	55	0.2	24.3	11.0	391	2.77	7.5	1.0	2.6	4.1	34	0.2	0.8	0.2	64	0.49	0.052
1369043	Soil	0.8	30.4	10.1	74	<0.1	26.7	11.7	436	2.75	6.6	1.1	3.2	5.0	33	0.3	0.8	0.2	57	0.75	0.073
1369039	Soil	0.9	54.9	32.5	116	0.4	28.6	11.4	496	3.67	99.1	0.6	4.4	4.5	18	0.6	8.7	0.7	91	0.27	0.012
1285462	Soil	0.7	14.6	15.0	67	0.2	17.8	12.4	598	2.61	5.6	0.7	1.5	5.0	12	<0.1	0.4	0.2	40	0.13	0.038
1317901	Soil	2.2	56.6	79.3	125	0.3	42.3	22.2	840	4.18	13.4	1.7	3.0	9.5	14	0.4	1.0	0.3	55	0.12	0.033

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1267456	Soil	13	81	1.11	284	0.112	<1	1.81	0.009	0.26	0.1	0.01	4.7	0.2	<0.05	8	<0.5	<0.2
1267455	Soil	24	44	0.81	204	0.114	<1	1.85	0.008	0.28	<0.1	0.02	4.5	0.3	<0.05	6	<0.5	<0.2
1379229	Soil	15	72	0.74	307	0.114	<1	1.93	0.016	0.07	0.2	0.02	8.0	<0.1	<0.05	6	0.6	<0.2
1379222	Soil	14	31	0.46	260	0.062	2	1.37	0.014	0.04	0.2	0.03	3.9	<0.1	<0.05	4	<0.5	<0.2
1285454	Soil	22	33	0.65	121	0.103	1	1.83	0.009	0.22	0.1	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
1285453	Soil	23	35	0.81	181	0.101	<1	2.16	0.010	0.28	0.1	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1379224	Soil	13	56	0.63	265	0.084	1	1.81	0.014	0.05	0.2	0.05	5.8	<0.1	<0.05	5	<0.5	<0.2
1365151	Rock Pulp	4	27	0.72	88	0.097	3	1.34	0.073	0.11	11.4	<0.01	4.0	<0.1	<0.05	4	<0.5	<0.2
1379225	Soil	14	53	0.65	290	0.083	<1	1.89	0.015	0.05	0.2	0.05	5.7	<0.1	<0.05	6	<0.5	<0.2
1285468	Soil	20	21	0.39	134	0.036	1	1.03	0.005	0.17	<0.1	0.04	3.6	0.3	0.05	3	<0.5	0.8
1379227	Soil	14	52	0.62	293	0.083	2	1.86	0.015	0.06	0.2	0.04	5.7	<0.1	<0.05	5	<0.5	<0.2
1379221	Soil	16	32	0.42	452	0.065	2	1.56	0.015	0.07	0.2	0.06	4.6	<0.1	<0.05	5	0.6	<0.2
1379223	Soil	14	60	0.70	294	0.083	1	1.95	0.016	0.05	0.2	0.05	6.1	<0.1	<0.05	6	<0.5	<0.2
1317903	Soil	19	31	0.62	116	0.104	1	1.97	0.006	0.19	0.1	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
1379232	Soil	11	154	1.60	336	0.226	3	3.45	0.019	0.06	0.1	0.03	8.3	<0.1	<0.05	12	<0.5	<0.2
1379228	Soil	14	48	0.62	289	0.072	<1	1.77	0.013	0.05	0.2	0.04	6.2	<0.1	<0.05	6	<0.5	<0.2
1379226	Soil	14	52	0.64	266	0.090	<1	1.79	0.015	0.06	0.2	0.04	5.8	<0.1	<0.05	5	0.6	<0.2
1317907	Soil	24	37	0.85	185	0.151	<1	2.19	0.008	0.42	0.1	0.01	4.0	0.3	<0.05	6	0.6	<0.2
1369041	Soil	16	61	0.85	394	0.079	1	1.86	0.020	0.13	0.2	0.03	7.4	0.1	<0.05	6	<0.5	<0.2
1285464	Soil	16	24	0.54	146	0.060	1	1.45	0.008	0.10	0.1	0.03	2.9	0.2	<0.05	5	0.5	<0.2
1285473	Soil	27	40	1.02	179	0.127	2	2.47	0.010	0.47	0.1	0.04	4.8	0.3	<0.05	7	<0.5	0.2
1379230	Soil	15	34	0.53	266	0.064	2	1.38	0.018	0.06	0.2	0.04	4.5	<0.1	<0.05	4	<0.5	<0.2
1369042	Soil	21	48	0.85	401	0.088	<1	1.83	0.016	0.19	0.1	0.01	7.2	0.1	<0.05	6	<0.5	<0.2
1369038	Soil	6	115	1.38	255	0.150	<1	3.31	0.011	0.20	0.6	<0.01	6.9	0.2	<0.05	10	<0.5	0.3
1317905	Soil	49	38	0.92	165	0.193	<1	2.55	0.008	0.44	<0.1	0.02	4.0	0.5	<0.05	8	<0.5	<0.2
1379231	Soil	16	45	0.54	313	0.076	<1	1.72	0.018	0.05	0.2	0.03	5.8	<0.1	<0.05	5	<0.5	<0.2
1369043	Soil	17	31	0.68	389	0.080	3	1.55	0.025	0.13	0.2	0.02	5.1	0.1	<0.05	5	0.5	<0.2
1369039	Soil	11	83	1.09	146	0.112	<1	2.33	0.010	0.06	0.7	0.02	7.6	0.1	<0.05	8	<0.5	<0.2
1285462	Soil	18	26	0.51	169	0.100	<1	1.58	0.008	0.18	<0.1	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1317901	Soil	31	38	0.98	113	0.135	1	2.28	0.008	0.41	0.1	0.01	3.7	0.4	<0.05	7	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1369044	Soil		1.0	19.3	8.6	62	<0.1	22.6	14.0	508	4.04	3.3	0.9	2.9	9.1	16	<0.1	0.6	0.2	83	0.50	0.027
1369040	Soil		1.4	50.7	24.7	115	0.2	48.6	27.8	1331	5.80	84.6	1.5	9.5	11.1	14	0.4	2.3	0.6	99	0.53	0.045
1285466	Soil		2.7	27.5	124.6	228	3.1	26.1	14.2	751	3.15	14.8	1.1	10.1	4.6	13	1.3	3.1	1.7	42	0.15	0.047
1285471	Soil		4.0	59.0	1054	461	12.2	21.5	9.6	553	4.36	110.9	1.5	61.1	6.4	21	1.4	10.5	4.1	25	0.08	0.050
1369030	Soil		0.7	21.2	18.7	73	0.1	17.9	8.9	431	3.03	6.5	0.8	7.9	6.8	23	0.1	0.7	0.2	69	0.30	0.055
1369028	Soil		0.6	8.6	16.9	29	<0.1	11.5	4.2	150	1.63	1.6	0.5	<0.5	5.1	10	<0.1	0.1	0.1	21	0.08	0.025
1369027	Soil		0.1	7.6	9.6	46	<0.1	22.8	11.7	455	3.72	<0.5	1.0	<0.5	15.1	22	<0.1	0.5	0.2	52	0.32	0.040
1369029	Soil		0.2	15.7	9.4	69	<0.1	11.6	12.6	572	4.41	0.7	1.0	<0.5	8.9	21	<0.1	0.5	0.1	90	0.28	0.055
1369049	Soil		1.0	11.1	6.7	51	<0.1	17.6	13.0	405	3.61	3.2	0.6	<0.5	5.5	12	<0.1	0.5	<0.1	82	0.24	0.019
1369031	Soil		1.2	305.8	62.9	262	1.2	40.4	20.1	1385	5.17	133.0	0.9	13.6	7.8	23	1.8	2.6	1.4	116	0.50	0.051
1369035	Soil		0.9	41.5	26.2	91	0.3	35.1	14.1	631	3.28	33.6	0.6	2.2	4.4	24	0.2	2.7	0.4	74	0.46	0.047
1369047	Soil		0.8	12.4	5.1	44	<0.1	20.1	14.4	412	3.68	1.8	0.3	<0.5	4.9	8	<0.1	0.3	<0.1	96	0.14	0.026
1369037	Soil		0.9	165.2	118.3	282	0.9	35.6	17.2	839	4.25	58.2	0.7	<0.5	5.2	18	1.0	5.9	1.0	100	0.27	0.031
1369032	Soil		0.7	30.1	40.7	110	0.2	32.3	15.6	751	3.36	17.5	0.6	5.8	4.3	50	0.5	1.5	0.3	78	1.99	0.065
1369034	Soil		1.3	43.9	29.8	110	0.4	36.0	15.7	683	3.73	34.0	0.6	9.5	4.9	23	0.4	3.8	0.6	89	0.42	0.020
1369046	Soil		1.2	12.1	5.2	62	<0.1	34.0	16.1	629	4.09	2.8	0.8	1.4	6.8	11	<0.1	1.1	0.1	91	0.38	0.026
1369036	Soil		1.0	42.6	2172	2450	1.0	39.5	22.5	2138	6.08	555.0	1.1	6.1	5.4	15	8.5	23.8	0.3	121	0.30	0.053
1369033	Soil		0.7	30.0	44.2	114	0.2	38.1	18.8	808	4.28	29.3	0.6	<0.5	6.3	22	0.2	2.1	0.3	104	0.35	0.033
1369026	Soil		2.0	8.6	9.8	44	<0.1	31.3	14.8	437	4.34	2.7	0.9	<0.5	9.5	14	<0.1	0.4	0.4	67	0.14	0.014
1369045	Soil		1.4	18.7	8.3	61	0.1	16.4	14.6	843	4.18	3.1	0.9	<0.5	6.5	14	<0.1	1.0	0.1	91	0.52	0.034

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000194.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1369044	Soil	29	40	1.08	421	0.135	<1	2.22	0.013	0.40	<0.1	0.03	8.8	0.2	<0.05	7	<0.5	<0.2
1369040	Soil	40	144	1.47	282	0.022	<1	2.85	0.007	0.21	<0.1	0.02	23.7	0.2	<0.05	9	<0.5	0.3
1285466	Soil	19	27	0.51	179	0.041	<1	1.51	0.007	0.14	<0.1	0.03	3.5	0.3	<0.05	5	<0.5	0.3
1285471	Soil	13	20	0.42	121	0.037	1	0.98	0.006	0.35	<0.1	0.05	2.2	0.4	0.29	4	1.3	1.7
1369030	Soil	25	30	0.67	313	0.084	1	1.73	0.010	0.18	0.2	0.04	4.0	<0.1	<0.05	6	<0.5	<0.2
1369028	Soil	36	14	0.27	173	0.024	<1	1.04	0.007	0.17	<0.1	<0.01	1.3	0.1	<0.05	3	<0.5	<0.2
1369027	Soil	47	40	1.02	663	0.076	<1	2.16	0.008	0.34	0.1	0.02	7.3	0.2	<0.05	8	<0.5	<0.2
1369029	Soil	32	18	0.98	534	0.101	<1	2.29	0.012	0.44	<0.1	0.03	9.7	0.2	<0.05	8	<0.5	<0.2
1369049	Soil	22	42	1.12	289	0.129	<1	2.08	0.010	0.34	<0.1	<0.01	5.7	0.1	<0.05	7	<0.5	<0.2
1369031	Soil	12	141	2.32	219	0.168	<1	3.18	0.016	0.39	0.3	<0.01	8.9	0.3	<0.05	11	<0.5	<0.2
1369035	Soil	14	64	0.97	330	0.113	1	1.79	0.025	0.10	0.3	0.04	6.0	0.1	<0.05	6	<0.5	<0.2
1369047	Soil	16	66	1.22	197	0.153	<1	2.32	0.012	0.41	<0.1	0.01	5.2	0.2	<0.05	7	<0.5	<0.2
1369037	Soil	10	107	1.31	193	0.140	<1	2.89	0.010	0.24	0.4	0.03	8.8	0.3	<0.05	8	<0.5	<0.2
1369032	Soil	11	80	1.32	217	0.102	2	1.78	0.023	0.10	0.3	0.02	6.3	0.1	<0.05	6	<0.5	<0.2
1369034	Soil	13	76	1.16	190	0.123	1	2.20	0.024	0.08	0.2	0.05	7.4	0.1	<0.05	7	<0.5	<0.2
1369046	Soil	31	103	1.24	320	0.102	<1	1.88	0.008	0.28	<0.1	0.05	10.4	0.1	<0.05	6	<0.5	<0.2
1369036	Soil	10	136	1.97	138	0.140	<1	3.42	0.008	0.28	0.5	0.01	9.9	0.3	<0.05	10	<0.5	<0.2
1369033	Soil	9	128	1.58	168	0.195	<1	2.86	0.011	0.28	0.3	<0.01	7.9	0.2	<0.05	9	<0.5	<0.2
1369026	Soil	40	75	1.42	294	0.131	<1	2.95	0.007	0.59	0.2	<0.01	5.5	0.3	<0.05	8	<0.5	<0.2
1369045	Soil	24	37	0.94	510	0.102	<1	2.08	0.013	0.42	<0.1	0.02	11.2	0.2	<0.05	6	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

QUALITY CONTROL REPORT WHI13000194.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																					
1377704	Soil	0.9	19.2	9.7	62	<0.1	29.5	12.8	238	3.29	5.9	0.4	1.5	2.9	11	<0.1	0.4	0.3	60	0.09	0.023
REP 1377704	QC	1.0	19.5	9.6	63	<0.1	30.4	12.2	240	3.36	6.3	0.4	1.1	3.1	11	0.1	0.4	0.3	59	0.10	0.024
1377706	Soil	1.8	30.8	11.1	72	<0.1	29.9	12.0	381	3.21	8.4	0.9	3.1	5.5	13	0.1	0.5	0.3	56	0.14	0.032
REP 1377706	QC	1.8	30.2	11.8	67	0.1	28.3	11.6	358	3.16	8.7	0.9	3.3	5.8	14	0.1	0.5	0.3	56	0.14	0.032
1285465	Soil	1.6	27.1	101.9	222	1.5	23.8	25.3	3364	3.15	15.9	1.2	6.0	3.7	17	1.9	1.3	0.8	44	0.18	0.053
REP 1285465	QC	1.7	27.2	105.0	222	1.4	24.3	24.4	3300	3.14	15.0	1.2	5.0	3.7	17	1.9	1.3	0.8	44	0.17	0.052
1278326	Soil	1.6	28.0	105.7	202	4.2	26.5	15.5	1104	3.07	10.7	1.0	11.7	3.4	16	1.7	3.1	2.5	46	0.13	0.060
REP 1278326	QC	1.4	28.5	110.7	206	4.2	26.3	15.6	1170	3.27	11.1	1.0	13.0	3.5	16	1.7	2.9	2.6	48	0.13	0.060
1285482	Soil	1.0	26.7	11.5	70	0.1	26.7	14.4	475	3.13	8.1	1.0	2.9	5.3	15	0.1	0.6	0.3	59	0.18	0.026
REP 1285482	QC	1.1	25.7	11.7	69	0.2	24.9	13.6	484	3.16	8.0	1.0	1.6	5.4	16	<0.1	0.5	0.3	60	0.18	0.027
1278348	Soil	1.5	33.0	10.9	51	0.1	25.5	11.1	390	2.55	10.2	0.9	3.2	4.1	36	0.2	0.8	0.2	58	0.62	0.056
REP 1278348	QC	1.4	32.0	11.0	49	0.2	25.4	11.1	384	2.60	10.0	0.9	5.1	4.0	36	<0.1	0.9	0.2	57	0.64	0.055
1393309	Soil	0.8	25.1	10.8	65	<0.1	32.9	12.3	307	3.34	4.7	1.0	<0.5	7.4	16	<0.1	0.3	0.2	60	0.18	0.025
REP 1393309	QC	0.7	25.0	11.0	63	<0.1	32.5	11.9	315	3.31	4.2	1.0	3.9	7.3	15	<0.1	0.3	0.1	59	0.17	0.027
1393323	Soil	0.7	70.3	64.6	132	0.9	61.8	15.7	553	2.93	16.8	0.9	7.7	1.9	33	0.7	1.4	0.6	73	0.99	0.056
REP 1393323	QC	0.7	69.4	64.6	136	0.9	63.1	15.3	546	2.87	17.3	0.9	6.6	2.0	33	0.5	1.5	0.5	72	1.01	0.055
1393364	Soil	1.2	81.4	30.0	122	0.6	32.2	13.1	789	4.18	135.3	1.1	14.0	7.1	21	0.3	5.2	1.4	88	0.48	0.020
REP 1393364	QC	1.2	81.1	30.2	103	0.6	32.3	13.3	822	4.33	147.3	1.1	13.1	7.2	21	0.2	5.3	1.5	88	0.48	0.020
1393376	Soil	0.6	23.3	8.7	56	<0.1	26.9	14.4	447	4.34	2.5	1.3	1.1	15.6	23	<0.1	0.4	0.1	69	0.45	0.033
REP 1393376	QC	0.5	21.9	8.2	52	<0.1	24.8	13.9	419	4.23	2.3	1.3	1.7	14.9	22	<0.1	0.4	0.2	68	0.44	0.032
1370864	Soil	0.6	19.3	13.2	74	0.2	20.8	9.8	312	2.67	6.1	1.1	1.9	5.4	21	0.1	0.3	0.2	44	0.24	0.049
REP 1370864	QC	0.6	19.5	13.7	75	0.2	22.2	10.0	328	2.81	4.8	1.1	3.7	5.3	21	<0.1	0.4	0.2	44	0.23	0.049
1370855	Soil	1.1	27.5	28.0	83	0.1	29.6	13.9	481	4.00	8.3	1.0	3.0	8.9	13	0.2	0.7	0.5	54	0.12	0.033
REP 1370855	QC	1.0	27.9	28.6	83	0.2	29.5	14.5	485	4.01	8.6	1.0	4.0	9.1	12	0.2	0.7	0.4	53	0.12	0.034
1370852	Soil	0.5	26.5	11.5	70	<0.1	27.7	11.2	404	3.21	5.4	1.1	1.9	8.3	16	<0.1	0.5	0.2	45	0.20	0.029
REP 1370852	QC	0.5	27.1	10.9	71	<0.1	26.4	11.3	414	3.17	5.4	1.0	1.0	8.5	16	<0.1	0.4	0.1	44	0.19	0.031
1379241	Soil	5.1	58.4	12.2	80	0.2	37.2	16.2	476	4.01	9.0	1.3	4.3	5.9	28	0.2	2.5	0.2	94	0.65	0.052
REP 1379241	QC	4.8	57.9	11.9	77	0.2	37.0	16.4	457	3.99	9.2	1.3	3.7	6.0	28	0.1	2.6	0.2	93	0.66	0.051

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

QUALITY CONTROL REPORT WHI13000194.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																		
1377704	Soil	10	27	0.55	141	0.156	1	1.79	0.010	0.29	0.1	0.02	2.6	0.2	<0.05	7	<0.5	<0.2
REP 1377704	QC	10	26	0.57	144	0.150	2	1.89	0.009	0.30	0.1	0.02	2.7	0.2	<0.05	7	<0.5	<0.2
1377706	Soil	16	34	0.63	143	0.095	<1	1.76	0.007	0.19	0.2	0.01	3.6	0.2	<0.05	6	<0.5	<0.2
REP 1377706	QC	16	33	0.66	145	0.094	1	1.83	0.007	0.20	0.1	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1285465	Soil	17	27	0.50	179	0.049	1	1.57	0.010	0.10	0.1	0.06	3.8	0.2	<0.05	5	<0.5	<0.2
REP 1285465	QC	17	27	0.53	188	0.050	2	1.64	0.010	0.09	0.1	0.04	3.8	0.2	<0.05	5	<0.5	<0.2
1278326	Soil	18	28	0.43	230	0.028	2	1.69	0.008	0.12	0.1	0.07	3.8	0.4	<0.05	5	<0.5	0.6
REP 1278326	QC	18	28	0.43	226	0.028	2	1.69	0.008	0.12	<0.1	0.08	3.8	0.4	<0.05	5	0.8	0.4
1285482	Soil	19	33	0.65	184	0.104	2	2.10	0.008	0.18	0.2	0.03	4.6	0.2	<0.05	7	<0.5	<0.2
REP 1285482	QC	19	34	0.68	187	0.104	2	2.20	0.008	0.19	0.2	0.02	4.7	0.2	<0.05	7	<0.5	<0.2
1278348	Soil	15	38	0.60	332	0.070	2	1.54	0.018	0.06	0.2	0.05	5.0	<0.1	<0.05	4	<0.5	<0.2
REP 1278348	QC	15	37	0.61	321	0.066	1	1.51	0.019	0.06	0.2	0.03	4.9	<0.1	<0.05	5	<0.5	<0.2
1393309	Soil	25	55	0.77	204	0.162	<1	2.09	0.009	0.20	<0.1	0.02	4.1	0.2	<0.05	6	<0.5	<0.2
REP 1393309	QC	24	55	0.77	204	0.156	<1	2.09	0.009	0.20	0.1	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
1393323	Soil	11	106	1.01	275	0.042	<1	2.04	0.021	0.04	<0.1	0.07	8.0	<0.1	<0.05	5	0.9	<0.2
REP 1393323	QC	11	106	1.00	275	0.042	<1	1.99	0.022	0.04	<0.1	0.05	7.9	0.1	<0.05	5	0.7	<0.2
1393364	Soil	19	99	1.39	210	0.089	1	2.62	0.011	0.15	0.3	0.04	8.6	0.3	<0.05	9	<0.5	0.3
REP 1393364	QC	18	100	1.39	202	0.089	1	2.53	0.010	0.16	0.3	0.05	9.2	0.3	<0.05	9	<0.5	<0.2
1393376	Soil	61	35	1.18	495	0.125	1	2.41	0.009	0.55	0.2	0.04	9.4	0.2	<0.05	8	<0.5	<0.2
REP 1393376	QC	59	33	1.16	498	0.125	<1	2.39	0.009	0.54	0.2	0.04	9.5	0.3	<0.05	8	<0.5	<0.2
1370864	Soil	21	31	0.62	288	0.100	1	1.76	0.010	0.16	0.2	0.03	4.5	0.2	<0.05	5	<0.5	<0.2
REP 1370864	QC	22	30	0.60	280	0.099	<1	1.77	0.011	0.16	0.2	0.04	4.4	0.2	<0.05	6	0.6	<0.2
1370855	Soil	28	35	0.68	150	0.120	2	2.18	0.009	0.29	0.1	0.04	3.3	0.3	<0.05	7	<0.5	<0.2
REP 1370855	QC	27	35	0.68	153	0.120	2	2.10	0.009	0.29	0.2	0.04	3.4	0.3	<0.05	7	<0.5	<0.2
1370852	Soil	31	33	0.75	188	0.129	<1	1.84	0.011	0.28	0.2	0.02	4.4	0.3	<0.05	5	<0.5	<0.2
REP 1370852	QC	32	33	0.74	191	0.131	<1	1.87	0.009	0.28	0.1	0.02	4.2	0.3	<0.05	6	<0.5	<0.2
1379241	Soil	15	116	1.41	245	0.115	2	2.63	0.020	0.14	0.2	0.04	13.0	<0.1	<0.05	9	<0.5	<0.2
REP 1379241	QC	15	114	1.36	245	0.113	2	2.61	0.019	0.14	0.2	0.04	13.5	<0.1	<0.05	8	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

QUALITY CONTROL REPORT WHI13000194.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1365158	Soil	1.1	60.3	71.6	248	2.0	58.3	16.2	1002	3.29	14.4	1.1	15.3	4.9	32	2.3	1.8	1.7	62	0.60	0.049
REP 1365158	QC	1.3	60.0	70.6	244	2.0	59.9	15.9	973	3.21	14.5	1.0	13.2	4.9	31	2.1	1.9	1.6	62	0.62	0.048
1267456	Soil	0.9	38.0	9.9	69	<0.1	43.8	12.3	813	2.83	4.4	0.4	2.5	3.5	9	<0.1	0.2	0.2	71	0.12	0.040
REP 1267456	QC	0.8	37.9	9.0	70	<0.1	45.5	12.7	827	2.91	4.4	0.5	1.7	3.6	9	<0.1	0.2	0.2	72	0.13	0.040
1379227	Soil	1.0	41.5	24.1	74	0.3	25.1	15.1	972	3.01	30.4	1.1	8.8	4.1	31	0.3	2.2	0.6	63	0.49	0.047
REP 1379227	QC	1.0	44.3	23.8	77	0.3	26.0	15.3	972	3.01	31.0	1.1	8.2	4.2	33	0.3	2.2	0.5	64	0.52	0.048
1369046	Soil	1.2	12.1	5.2	62	<0.1	34.0	16.1	629	4.09	2.8	0.8	1.4	6.8	11	<0.1	1.1	0.1	91	0.38	0.026
REP 1369046	QC	1.0	12.5	5.1	65	<0.1	37.5	17.1	613	4.19	2.1	0.8	0.6	6.8	11	<0.1	1.0	<0.1	89	0.37	0.025
1369045	Soil	1.4	18.7	8.3	61	0.1	16.4	14.6	843	4.18	3.1	0.9	<0.5	6.5	14	<0.1	1.0	0.1	91	0.52	0.034
REP 1369045	QC	1.5	17.3	8.6	63	<0.1	15.4	14.2	847	4.18	2.1	1.0	<0.5	6.4	13	<0.1	0.7	0.1	91	0.55	0.031
Reference Materials																					
STD DS9	Standard	12.8	102.1	124.3	306	1.6	36.2	7.1	563	2.33	24.8	2.7	115.0	5.9	71	2.4	5.6	6.5	37	0.69	0.078
STD DS9	Standard	13.6	107.2	130.4	315	1.9	39.7	7.4	593	2.30	26.8	2.7	122.7	6.3	71	2.3	5.7	6.8	42	0.73	0.083
STD DS9	Standard	12.5	103.9	123.8	305	1.8	40.1	7.6	553	2.20	24.7	2.6	116.8	6.3	67	2.3	6.1	6.7	39	0.67	0.086
STD DS9	Standard	12.0	105.8	121.2	305	1.7	37.1	7.1	538	2.17	25.6	2.8	106.0	6.2	71	2.4	5.9	6.5	38	0.69	0.082
STD DS9	Standard	13.1	107.5	123.0	310	1.9	39.3	7.6	584	2.26	26.1	2.7	121.1	6.4	70	2.3	5.7	6.6	40	0.71	0.082
STD DS9	Standard	12.8	108.9	124.8	311	1.8	39.0	7.1	551	2.27	25.1	2.6	120.8	6.4	70	2.4	5.6	6.5	39	0.70	0.081
STD DS9	Standard	13.8	113.2	139.2	314	1.8	41.5	7.9	591	2.34	25.5	2.9	117.8	7.0	73	2.2	6.2	6.8	44	0.72	0.084
STD DS9	Standard	11.4	99.6	114.3	292	1.7	35.3	6.9	530	2.14	23.8	2.4	121.4	5.5	65	2.0	5.6	6.0	37	0.64	0.075
STD DS9	Standard	11.3	111.5	130.9	308	1.8	42.7	7.6	624	2.41	23.0	2.8	119.0	6.5	65	2.2	6.0	6.7	44	0.73	0.076
STD DS9	Standard	11.7	102.7	120.9	301	1.7	38.3	7.4	565	2.28	25.8	2.8	111.3	6.4	71	2.5	6.1	6.6	40	0.67	0.082
STD DS9	Standard	13.4	109.0	132.9	309	1.6	40.2	7.9	580	2.38	25.5	2.9	115.2	6.5	82	2.3	6.6	6.4	42	0.72	0.084
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
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
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

QUALITY CONTROL REPORT WHI13000194.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1365158	Soil	20	101	0.83	371	0.054	<1	2.15	0.013	0.08	<0.1	0.05	9.5	0.2	<0.05	6	0.8	0.3
REP 1365158	QC	20	99	0.80	361	0.051	2	2.10	0.013	0.08	0.1	0.07	9.6	0.2	<0.05	6	0.6	0.4
1267456	Soil	13	81	1.11	284	0.112	<1	1.81	0.009	0.26	0.1	0.01	4.7	0.2	<0.05	8	<0.5	<0.2
REP 1267456	QC	13	82	1.11	288	0.113	<1	1.81	0.008	0.27	0.1	<0.01	4.6	0.2	<0.05	7	<0.5	<0.2
1379227	Soil	14	52	0.62	293	0.083	2	1.86	0.015	0.06	0.2	0.04	5.7	<0.1	<0.05	5	<0.5	<0.2
REP 1379227	QC	14	53	0.62	301	0.086	1	1.84	0.015	0.06	0.2	0.04	5.9	<0.1	<0.05	6	0.7	<0.2
1369046	Soil	31	103	1.24	320	0.102	<1	1.88	0.008	0.28	<0.1	0.05	10.4	0.1	<0.05	6	<0.5	<0.2
REP 1369046	QC	32	108	1.22	318	0.104	<1	1.97	0.008	0.26	<0.1	0.03	10.2	0.1	<0.05	7	<0.5	<0.2
1369045	Soil	24	37	0.94	510	0.102	<1	2.08	0.013	0.42	<0.1	0.02	11.2	0.2	<0.05	6	<0.5	<0.2
REP 1369045	QC	23	38	0.97	492	0.097	<1	2.06	0.012	0.41	<0.1	0.03	11.2	0.2	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS9	Standard	14	115	0.61	309	0.106	2	0.95	0.078	0.40	3.1	0.18	2.5	5.2	0.08	4	4.9	4.9
STD DS9	Standard	14	121	0.63	307	0.117	2	0.96	0.083	0.40	3.3	0.21	2.4	5.4	0.17	5	6.5	5.1
STD DS9	Standard	13	115	0.61	294	0.107	3	0.90	0.086	0.37	3.1	0.23	2.4	5.3	0.16	4	5.3	5.2
STD DS9	Standard	13	110	0.59	285	0.106	3	0.89	0.096	0.38	3.1	0.18	2.8	5.0	0.15	5	5.7	4.9
STD DS9	Standard	14	120	0.61	290	0.117	3	0.94	0.084	0.39	3.0	0.18	2.4	5.2	0.18	5	5.9	5.6
STD DS9	Standard	13	115	0.60	299	0.114	3	0.91	0.082	0.38	3.1	0.20	2.3	5.0	0.15	4	4.6	5.1
STD DS9	Standard	14	131	0.62	305	0.125	2	0.99	0.079	0.39	3.0	0.22	2.5	5.4	0.18	4	4.8	5.4
STD DS9	Standard	12	111	0.54	278	0.101	3	0.84	0.080	0.36	3.0	0.20	2.1	4.9	0.13	4	4.9	5.0
STD DS9	Standard	13	121	0.63	302	0.111	2	0.93	0.080	0.38	3.0	0.19	2.3	5.1	0.17	5	4.5	5.2
STD DS9	Standard	13	111	0.60	292	0.108	2	0.90	0.081	0.36	2.9	0.20	2.3	5.0	0.15	5	5.7	4.8
STD DS9	Standard	15	120	0.64	320	0.121	2	0.99	0.088	0.38	3.3	0.21	2.7	5.2	0.16	5	5.4	6.1
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
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
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

QUALITY CONTROL REPORT WHI13000194.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 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
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	0.3	<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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

QUALITY CONTROL REPORT WHI13000194.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 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
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: July 25, 2013
Report Date: August 15, 2013
Page: 1 of 11

CERTIFICATE OF ANALYSIS WHI13000195.1

CLIENT JOB INFORMATION

Project: Fiftymile (CAL)
Shipment ID: FIF-Soil2013-002
P.O. Number
Number of Samples: 299

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	299	Dry at 60C			WHI
SS80	299	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	299	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1370786	Soil	1.2	28.2	10.1	65	0.2	27.1	9.4	366	2.38	3.9	1.3	1.3	3.6	26	<0.1	0.3	0.2	47	0.43	0.048
1370789	Soil	1.1	28.1	10.0	58	0.1	21.1	10.3	386	2.56	4.4	1.0	<0.5	3.7	16	0.2	0.2	0.2	48	0.16	0.040
1370797	Soil	1.0	18.6	20.7	80	0.3	19.7	17.9	1892	2.83	8.4	0.6	1.4	2.8	21	0.4	0.5	0.2	61	0.38	0.053
1370796	Soil	1.2	17.4	15.1	71	0.6	21.6	13.2	741	2.83	14.8	0.6	2.7	2.8	20	0.2	0.5	0.2	62	0.32	0.050
1370788	Soil	1.0	25.8	10.4	56	0.3	17.1	7.3	223	2.21	3.5	1.3	1.3	1.8	20	0.2	0.2	0.2	48	0.22	0.059
1370790	Soil	1.3	27.7	10.1	59	0.1	24.4	9.9	371	2.68	4.4	1.1	1.3	5.0	15	0.2	0.2	0.3	43	0.17	0.033
1370791	Soil	1.4	29.9	10.3	56	0.3	28.4	8.2	261	2.84	5.4	1.3	2.3	1.5	21	<0.1	0.2	0.2	52	0.21	0.046
1370794	Soil	1.1	20.7	13.5	61	0.2	20.7	11.9	439	2.48	5.1	0.5	3.7	2.8	16	0.3	0.3	0.1	62	0.25	0.042
1370777	Soil	1.1	44.6	14.2	68	0.3	22.3	12.5	450	2.73	12.4	0.8	1.4	4.0	16	0.2	0.8	0.3	67	0.27	0.041
1370785	Soil	1.3	32.2	12.0	106	<0.1	58.7	16.6	721	3.45	2.8	1.2	2.2	9.1	21	0.2	0.1	0.2	88	0.30	0.078
1370793	Soil	1.0	21.2	11.1	63	0.1	21.0	12.9	475	2.67	6.5	0.6	3.3	2.9	14	<0.1	0.4	0.2	68	0.23	0.043
1370784	Soil	1.1	27.3	9.5	65	0.2	29.3	11.0	328	2.61	3.0	1.1	4.5	3.3	25	0.2	0.2	0.1	54	0.39	0.049
1267121	Soil	1.1	18.5	16.5	78	0.4	19.8	12.7	631	2.58	6.6	0.7	5.0	3.6	19	0.2	0.5	0.2	64	0.41	0.047
1370787	Soil	1.9	22.0	9.7	52	0.2	21.1	10.2	336	2.64	4.4	1.0	3.6	2.3	17	<0.1	0.2	0.2	51	0.19	0.049
1370792	Soil	1.0	31.7	9.6	70	<0.1	32.3	10.5	302	2.82	4.5	1.3	0.7	5.8	18	0.1	0.3	0.2	54	0.12	0.045
1370795	Soil	1.1	29.0	15.8	61	0.2	21.7	14.3	607	2.83	7.4	0.6	4.2	3.3	19	0.1	0.4	0.2	68	0.36	0.044
1279203	Soil	0.9	93.6	11.6	81	0.3	25.8	13.6	536	3.19	9.0	1.0	4.1	4.4	17	0.2	0.5	0.3	73	0.27	0.044
1267122	Soil	0.9	14.8	14.8	63	0.4	17.7	9.7	515	2.41	9.6	0.5	2.1	2.0	17	0.3	0.4	0.2	64	0.28	0.043
1267123	Soil	1.0	26.7	14.1	63	0.4	20.6	11.7	496	2.60	7.4	0.6	1.8	2.8	17	0.1	0.5	0.1	64	0.27	0.040
1370780	Soil	0.8	20.5	14.6	67	0.1	27.2	10.3	307	2.41	9.4	1.1	1.3	5.5	20	0.1	0.7	0.2	49	0.31	0.048
1279202	Soil	0.8	81.9	10.2	74	0.1	28.1	14.7	525	3.36	8.8	0.7	5.6	4.9	15	0.2	0.4	0.2	79	0.24	0.043
1370778	Soil	0.5	33.6	28.6	100	0.4	25.1	13.7	399	3.14	11.4	0.6	4.9	4.5	16	0.2	0.6	0.2	72	0.30	0.039
1370783	Soil	1.3	29.8	10.6	68	0.1	26.9	11.0	416	3.13	4.9	1.3	0.6	4.6	23	<0.1	0.3	0.2	56	0.33	0.050
1370782	Soil	1.2	20.3	8.8	53	<0.1	18.3	7.0	187	2.82	8.9	1.1	1.5	4.4	15	<0.1	0.3	0.1	51	0.20	0.075
1279208	Soil	0.3	25.9	18.3	108	<0.1	48.1	27.6	1068	4.81	8.1	0.5	2.3	3.7	16	0.4	0.3	<0.1	113	0.45	0.038
1279207	Soil	0.9	27.4	69.2	199	0.2	21.7	11.6	435	3.28	38.5	0.6	64.0	2.2	14	0.5	1.7	0.4	86	0.20	0.034
1370776	Soil	1.0	18.5	15.6	67	0.7	18.8	8.7	273	2.54	21.9	0.6	6.5	2.5	15	0.1	0.6	0.2	66	0.23	0.039
1267120	Soil	1.1	19.3	22.6	64	0.3	18.7	9.9	347	2.66	4.8	0.8	2.9	2.6	16	0.2	0.4	0.1	58	0.24	0.043
1279204	Soil	0.6	29.2	7.1	87	<0.1	42.2	25.5	835	4.40	9.3	0.4	0.5	3.3	11	0.1	0.3	<0.1	95	0.28	0.053
1279205	Soil	0.5	34.9	10.4	61	0.3	23.7	13.4	480	3.03	14.5	0.9	3.4	2.5	17	0.1	0.5	0.2	72	0.31	0.052

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1370786	Soil	22	30	0.52	325	0.056	2	1.44	0.010	0.19	0.1	0.05	3.1	0.2	<0.05	4	2.4	<0.2
1370789	Soil	21	30	0.48	199	0.070	1	1.34	0.009	0.24	0.1	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1370797	Soil	10	54	0.67	284	0.075	1	1.51	0.014	0.06	0.1	0.06	4.1	0.1	<0.05	5	<0.5	<0.2
1370796	Soil	9	51	0.64	219	0.082	2	1.58	0.012	0.05	0.2	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
1370788	Soil	23	30	0.41	246	0.037	1	1.45	0.009	0.14	0.1	0.04	2.5	0.2	<0.05	5	2.0	<0.2
1370790	Soil	21	26	0.42	218	0.077	1	1.39	0.008	0.23	0.2	0.02	2.8	0.2	<0.05	5	1.2	<0.2
1370791	Soil	15	30	0.37	301	0.017	1	1.65	0.009	0.08	0.1	0.03	3.1	0.2	<0.05	5	0.9	<0.2
1370794	Soil	9	59	0.77	173	0.114	1	1.66	0.011	0.08	0.2	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1370777	Soil	12	65	0.82	197	0.113	2	1.68	0.011	0.13	0.1	0.04	4.9	0.1	<0.05	6	<0.5	<0.2
1370785	Soil	35	100	1.24	776	0.161	<1	2.72	0.015	0.79	<0.1	0.03	6.5	0.4	<0.05	8	<0.5	<0.2
1370793	Soil	9	62	0.75	151	0.115	2	1.72	0.012	0.07	0.2	0.03	3.1	0.2	<0.05	6	<0.5	<0.2
1370784	Soil	20	43	0.59	351	0.063	<1	1.57	0.010	0.17	<0.1	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1267121	Soil	12	57	0.71	234	0.079	2	1.54	0.012	0.07	0.2	0.04	4.9	0.1	<0.05	5	<0.5	<0.2
1370787	Soil	18	26	0.42	300	0.048	<1	1.41	0.007	0.13	<0.1	0.05	2.8	0.2	<0.05	4	<0.5	<0.2
1370792	Soil	26	32	0.54	233	0.073	<1	1.45	0.008	0.28	<0.1	0.02	3.0	0.3	<0.05	4	<0.5	<0.2
1370795	Soil	10	65	0.80	190	0.115	1	1.69	0.012	0.08	0.2	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
1279203	Soil	13	64	0.85	207	0.123	2	2.03	0.011	0.14	0.2	0.05	4.5	0.2	<0.05	6	<0.5	<0.2
1267122	Soil	10	45	0.58	182	0.072	2	1.43	0.011	0.05	0.2	0.04	3.2	0.1	<0.05	5	<0.5	<0.2
1267123	Soil	10	58	0.70	185	0.093	2	1.57	0.011	0.06	0.2	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
1370780	Soil	24	43	0.61	237	0.083	1	1.57	0.011	0.17	0.1	0.03	4.3	0.2	<0.05	5	0.5	<0.2
1279202	Soil	11	74	0.92	185	0.147	2	2.53	0.010	0.22	0.2	0.02	4.1	0.3	<0.05	7	<0.5	<0.2
1370778	Soil	12	76	0.99	173	0.150	1	2.00	0.011	0.20	0.2	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1370783	Soil	21	37	0.61	361	0.077	1	1.57	0.011	0.22	<0.1	0.04	4.3	0.2	<0.05	5	<0.5	<0.2
1370782	Soil	20	27	0.42	178	0.066	1	1.19	0.008	0.15	0.3	0.03	2.9	0.1	<0.05	4	<0.5	<0.2
1279208	Soil	9	164	2.04	231	0.324	1	3.37	0.011	0.87	0.1	0.01	5.9	0.5	<0.05	10	<0.5	<0.2
1279207	Soil	12	70	0.79	138	0.099	1	1.77	0.008	0.19	0.1	0.02	5.1	0.2	<0.05	8	<0.5	<0.2
1370776	Soil	10	59	0.73	145	0.098	2	1.66	0.012	0.08	0.1	0.06	3.5	0.1	<0.05	6	<0.5	<0.2
1267120	Soil	10	56	0.67	196	0.087	1	1.58	0.011	0.07	0.2	0.03	3.8	0.2	<0.05	5	<0.5	<0.2
1279204	Soil	5	130	1.46	128	0.247	<1	2.85	0.010	0.58	0.2	0.01	3.5	0.3	<0.05	8	<0.5	<0.2
1279205	Soil	11	86	0.97	210	0.102	<1	2.08	0.012	0.26	<0.1	0.04	5.5	0.1	<0.05	6	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1370779	Soil		0.7	95.2	32.6	109	0.6	27.7	16.5	473	3.40	15.4	0.7	8.9	4.8	16	0.3	1.1	1.1	80	0.30	0.040
1370781	Soil		1.0	19.6	10.4	67	<0.1	24.5	10.1	285	2.91	3.2	1.2	4.3	6.7	18	<0.1	0.3	0.2	47	0.21	0.065
1279397	Soil		0.8	27.5	9.0	69	0.2	22.6	14.2	569	2.90	5.6	0.7	2.6	3.4	16	0.1	0.3	0.2	68	0.32	0.052
1279398	Soil		0.9	33.6	11.9	70	0.2	26.8	14.5	469	2.94	4.7	0.8	1.3	5.0	17	0.2	0.3	0.1	67	0.29	0.041
1279393	Soil		0.9	51.2	12.6	70	0.3	22.7	13.2	665	3.69	292.2	0.9	35.9	4.0	14	0.2	5.4	0.2	84	0.23	0.031
1279206	Soil		0.3	40.5	6.8	73	<0.1	42.2	24.4	884	4.55	26.1	0.4	1.0	4.1	14	0.1	0.7	0.1	106	0.30	0.046
1366960	Soil		1.5	36.4	7.8	64	0.1	23.7	8.5	583	2.23	4.2	1.4	1.5	4.2	22	0.1	0.2	0.2	49	0.26	0.047
1279396	Soil		0.9	26.7	13.0	67	0.2	20.8	15.8	762	2.66	6.8	0.7	1.1	3.5	18	0.2	0.4	0.2	65	0.31	0.048
1279392	Soil		1.1	43.4	15.3	114	0.2	28.1	24.3	896	5.77	6.4	1.3	51.8	17.7	15	0.1	0.7	0.2	158	0.39	0.043
1279391	Soil		1.6	22.2	26.8	104	0.4	28.9	13.7	482	4.65	171.3	1.0	37.6	6.0	20	0.2	4.5	0.3	69	0.53	0.039
1366961	Soil		0.7	30.2	10.5	59	0.1	23.6	9.2	318	2.52	4.7	1.5	3.9	5.0	21	0.1	0.2	0.1	54	0.30	0.044
1279394	Soil		0.9	37.9	11.1	75	0.3	27.6	15.0	668	3.33	31.1	0.6	6.0	3.8	14	0.3	3.0	0.2	81	0.33	0.038
1279395	Soil		0.9	32.4	13.0	86	0.5	22.5	11.7	618	2.83	48.1	0.7	7.7	3.2	17	0.4	0.9	0.2	67	0.29	0.036
1279400	Soil		0.5	21.2	11.9	67	0.3	19.4	9.3	244	2.37	7.7	0.6	3.3	3.4	17	0.2	0.5	0.1	64	0.29	0.044
1279383	Soil		1.4	34.2	9.3	70	0.1	28.7	10.0	394	2.77	5.6	0.9	2.2	4.6	21	0.2	0.4	0.2	59	0.25	0.052
1279389	Soil		0.9	24.1	9.4	57	0.2	23.8	9.2	280	2.47	6.6	1.0	5.4	3.2	21	0.2	0.4	0.1	57	0.29	0.043
1279399	Soil		1.2	29.6	12.3	70	0.2	25.9	14.4	474	2.95	5.9	0.8	4.1	3.5	21	0.3	0.4	0.1	70	0.39	0.059
1366962	Soil		1.1	19.4	10.0	61	0.2	20.6	27.5	1486	2.45	4.7	1.4	2.8	2.9	24	0.2	0.2	0.2	49	0.32	0.045
1379211	Soil		1.1	68.2	11.6	89	<0.1	41.3	15.7	680	3.64	3.3	1.1	2.3	6.7	16	0.1	0.2	0.2	89	0.23	0.032
1379206	Soil		1.4	36.7	9.9	62	<0.1	27.1	9.8	378	2.86	5.6	0.8	2.6	4.8	18	0.1	0.4	0.1	60	0.20	0.027
1279390	Soil		1.0	27.9	9.9	60	<0.1	26.0	10.1	363	2.41	5.0	1.0	3.6	3.3	21	<0.1	0.4	0.2	58	0.27	0.042
1279388	Soil		1.1	31.0	9.6	65	0.2	27.0	10.1	299	2.67	6.2	0.9	6.2	2.9	23	<0.1	0.5	0.2	60	0.28	0.050
1379210	Soil		1.2	21.8	9.6	55	0.1	25.8	9.8	272	2.85	7.6	0.7	3.1	4.2	16	<0.1	0.4	0.2	71	0.17	0.018
1379207	Soil		1.3	44.0	11.4	69	<0.1	32.0	11.0	398	2.94	5.8	1.2	4.1	5.6	14	<0.1	0.5	0.2	59	0.11	0.026
1279387	Soil		0.8	28.4	9.3	61	0.2	24.6	8.7	236	2.43	6.4	0.9	6.3	2.0	20	0.1	0.4	0.2	56	0.24	0.057
1279386	Soil		1.6	30.8	10.1	66	0.2	27.3	9.3	255	2.80	6.8	1.0	4.2	2.0	22	0.2	0.2	0.2	64	0.24	0.047
1379212	Soil		1.1	57.8	5.8	75	0.1	67.9	25.2	752	4.23	3.7	0.9	8.8	2.3	23	0.3	0.3	0.1	115	0.53	0.113
1379208	Soil		1.5	28.5	9.5	57	0.1	25.8	9.5	431	2.80	7.3	0.6	<0.5	3.4	13	<0.1	0.4	0.2	65	0.12	0.033
1379204	Soil		1.2	55.5	11.8	74	0.2	39.8	15.0	927	2.92	3.4	1.0	4.5	6.2	25	0.1	0.4	0.2	56	0.41	0.049
1279384	Soil		1.4	29.1	9.3	64	0.2	27.2	9.0	320	2.74	6.7	0.9	13.0	2.4	24	0.2	0.4	0.2	63	0.29	0.052

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1370779	Soil	12	95	1.06	220	0.159	<1	2.28	0.011	0.23	0.2	0.02	5.6	0.2	<0.05	7	<0.5	0.2
1370781	Soil	28	34	0.55	197	0.104	<1	1.67	0.010	0.29	0.1	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
1279397	Soil	10	76	0.86	179	0.134	2	1.96	0.013	0.12	0.1	0.05	3.1	0.2	<0.05	6	<0.5	<0.2
1279398	Soil	13	78	1.00	217	0.156	<1	1.99	0.014	0.13	0.2	0.04	4.1	0.2	<0.05	6	<0.5	<0.2
1279393	Soil	13	85	0.82	135	0.073	<1	1.97	0.010	0.24	0.2	0.04	8.8	0.2	<0.05	7	<0.5	<0.2
1279206	Soil	7	146	1.70	207	0.236	<1	2.83	0.009	0.68	0.2	<0.01	6.6	0.4	<0.05	8	<0.5	<0.2
1366960	Soil	18	30	0.58	226	0.076	2	1.31	0.010	0.22	<0.1	0.03	3.3	0.2	<0.05	4	<0.5	<0.2
1279396	Soil	9	59	0.77	193	0.109	2	1.76	0.014	0.07	0.2	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1279392	Soil	32	134	2.28	278	0.173	1	2.87	0.012	0.59	0.2	0.08	20.6	0.2	<0.05	13	<0.5	<0.2
1279391	Soil	19	69	0.94	253	0.062	<1	1.51	0.009	0.20	0.1	0.06	8.0	0.2	<0.05	5	<0.5	<0.2
1366961	Soil	23	32	0.59	223	0.072	2	1.69	0.009	0.19	0.2	0.04	4.0	0.2	<0.05	6	0.5	<0.2
1279394	Soil	10	93	1.12	169	0.129	1	1.91	0.013	0.22	0.1	0.03	5.4	0.1	<0.05	7	<0.5	<0.2
1279395	Soil	10	60	0.83	210	0.091	1	1.87	0.014	0.09	0.2	0.06	4.9	0.2	<0.05	6	<0.5	<0.2
1279400	Soil	9	58	0.73	211	0.100	1	1.86	0.013	0.06	0.2	0.08	3.3	0.2	<0.05	5	<0.5	<0.2
1279383	Soil	17	33	0.53	318	0.083	1	1.36	0.011	0.18	0.1	0.03	4.5	0.1	<0.05	4	<0.5	<0.2
1279389	Soil	18	41	0.53	300	0.058	1	1.68	0.012	0.09	0.2	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2
1279399	Soil	10	73	0.97	261	0.125	1	2.03	0.015	0.11	0.1	0.06	4.5	0.2	<0.05	6	<0.5	<0.2
1366962	Soil	19	29	0.51	252	0.058	<1	1.55	0.011	0.09	<0.1	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
1379211	Soil	29	45	1.09	643	0.145	<1	2.16	0.009	0.46	0.1	0.02	10.2	0.3	<0.05	8	<0.5	<0.2
1379206	Soil	16	36	0.50	250	0.074	<1	1.48	0.010	0.12	<0.1	0.03	4.4	0.1	<0.05	5	<0.5	<0.2
1279390	Soil	18	37	0.54	298	0.059	1	1.71	0.010	0.13	0.2	0.05	3.9	<0.1	<0.05	5	0.6	<0.2
1279388	Soil	17	34	0.48	353	0.064	2	1.57	0.012	0.09	0.1	0.03	4.3	0.1	<0.05	5	<0.5	<0.2
1379210	Soil	13	46	0.61	215	0.072	<1	1.93	0.014	0.06	<0.1	0.02	4.3	0.1	<0.05	5	<0.5	<0.2
1379207	Soil	15	37	0.49	211	0.058	<1	1.72	0.007	0.16	0.1	0.03	3.8	0.2	<0.05	5	<0.5	<0.2
1279387	Soil	17	32	0.48	265	0.057	1	1.55	0.012	0.06	0.2	0.03	3.6	0.1	<0.05	5	<0.5	<0.2
1279386	Soil	16	39	0.53	305	0.061	2	1.71	0.012	0.08	<0.1	0.04	4.1	0.1	<0.05	5	<0.5	<0.2
1379212	Soil	13	90	1.08	491	0.071	1	2.17	0.016	0.32	<0.1	0.03	12.9	0.2	<0.05	7	<0.5	<0.2
1379208	Soil	12	35	0.47	188	0.059	<1	1.74	0.009	0.10	<0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1379204	Soil	21	36	0.62	501	0.080	1	1.50	0.013	0.27	0.1	0.02	6.2	0.2	<0.05	5	<0.5	<0.2
1279384	Soil	15	39	0.49	396	0.068	<1	1.70	0.020	0.09	0.2	0.05	4.0	0.1	<0.05	5	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1379213	Soil	0.9	21.8	8.8	56	0.1	21.2	8.4	244	2.47	6.8	0.9	3.8	1.6	17	0.1	0.4	0.2	60	0.22	0.047
1379209	Soil	1.5	29.2	9.9	59	<0.1	27.1	10.5	331	2.74	5.8	0.8	1.5	4.6	16	<0.1	0.4	0.2	63	0.17	0.022
1379205	Soil	1.4	29.9	9.9	57	<0.1	25.7	10.0	390	2.82	5.4	0.6	1.6	3.9	20	<0.1	0.4	0.2	64	0.24	0.033
1279385	Soil	1.3	32.6	10.1	73	0.1	28.7	10.3	277	2.88	7.6	0.9	9.1	2.7	21	<0.1	0.4	0.2	65	0.26	0.047
1379197	Soil	1.0	25.9	10.0	70	0.2	25.6	10.2	322	2.55	8.6	1.2	7.6	3.6	31	<0.1	0.7	0.2	63	0.47	0.069
1379196	Soil	0.8	26.9	9.9	64	0.2	25.7	13.3	438	2.70	8.7	1.2	9.0	3.5	33	0.1	0.2	0.1	58	0.48	0.053
1379218	Soil	0.8	45.9	13.8	73	0.4	22.4	14.4	663	2.96	20.4	1.0	4.8	3.8	16	0.3	1.1	0.3	74	0.25	0.044
1379215	Soil	1.7	63.2	12.1	76	<0.1	38.0	14.8	562	3.01	2.9	2.3	1.6	7.2	16	0.1	0.2	0.3	55	0.18	0.059
1379195	Soil	0.8	16.4	17.8	69	0.4	18.5	15.8	1000	2.66	6.5	0.7	2.6	2.3	20	0.3	0.5	0.2	68	0.29	0.049
1379201	Soil	1.1	36.5	10.7	79	0.1	33.5	12.9	532	2.91	10.1	0.7	7.3	4.6	34	0.3	0.9	0.2	70	0.56	0.071
1379217	Soil	0.5	20.7	22.6	88	0.2	39.2	17.4	1194	3.07	22.3	1.1	3.8	6.8	26	<0.1	1.4	0.3	58	0.50	0.045
1379214	Soil	1.3	28.0	10.2	65	0.1	24.5	9.0	276	2.72	8.3	1.0	4.7	2.9	18	0.2	0.4	0.2	67	0.19	0.039
1379202	Soil	1.1	37.7	11.8	73	0.2	32.0	11.4	487	2.87	8.6	1.0	3.1	4.4	31	0.2	0.7	0.2	56	0.49	0.061
1379194	Soil	0.8	95.7	39.1	109	0.3	25.9	15.3	508	3.36	6.2	0.8	4.7	4.6	17	0.3	0.6	0.4	71	0.31	0.045
1379216	Soil	0.5	23.3	16.1	68	<0.1	22.7	9.9	682	2.97	3.2	0.8	1.0	10.1	20	<0.1	0.3	0.2	45	0.25	0.037
1379220	Soil	0.7	21.5	10.8	65	0.2	18.6	11.3	427	2.58	10.9	0.5	1.8	2.5	14	0.2	0.5	0.1	59	0.22	0.039
1379200	Soil	0.7	24.9	8.4	59	<0.1	23.9	9.4	329	2.27	8.8	0.6	3.6	3.3	29	0.2	0.7	0.1	49	0.50	0.077
1379203	Soil	1.1	36.4	11.0	78	0.2	31.0	9.5	406	2.75	7.9	0.8	3.8	4.4	30	0.3	0.8	0.2	53	0.49	0.068
1379192	Soil	0.8	11.7	10.1	57	0.2	14.8	9.2	323	2.44	5.8	0.7	3.7	3.0	14	0.2	0.3	0.1	64	0.21	0.031
1379219	Soil	0.6	38.5	10.6	61	0.2	20.0	18.3	870	2.72	13.0	0.6	6.3	2.6	15	0.2	0.5	0.2	66	0.25	0.045
1370970	Soil	0.5	67.2	9.0	78	<0.1	33.5	17.9	633	3.96	9.7	1.0	1.0	5.3	23	<0.1	0.5	0.3	77	0.42	0.041
1370974	Soil	0.6	34.4	14.4	82	0.1	24.4	12.6	503	3.05	10.3	0.5	0.9	3.6	17	0.3	0.5	0.2	69	0.33	0.036
1260729	Soil	1.8	57.9	80.6	145	0.4	38.4	20.8	1768	5.00	169.8	0.9	15.9	6.1	13	0.6	3.3	0.1	86	0.30	0.032
1379193	Soil	0.7	33.2	34.8	83	0.2	23.7	12.6	366	3.42	6.0	0.5	15.1	4.1	20	0.2	0.4	0.2	79	0.30	0.046
1370969	Soil	0.6	46.1	8.5	73	<0.1	31.1	18.5	673	3.55	5.8	0.5	4.1	4.7	14	0.1	0.5	0.3	75	0.35	0.049
1370973	Soil	0.6	54.7	47.0	201	<0.1	34.1	20.8	1127	4.44	20.4	0.4	<0.5	5.2	9	0.5	0.9	0.3	87	0.20	0.043
1260728	Soil	1.0	135.4	40.6	167	0.5	33.5	17.8	1115	4.65	174.4	0.5	6.3	4.3	12	0.4	1.1	0.2	97	0.26	0.020
1379199	Soil	0.8	24.4	8.4	61	<0.1	23.7	9.6	213	2.41	7.9	1.4	2.6	3.1	38	0.2	0.7	0.1	49	0.70	0.070
1260737	Soil	0.9	25.4	12.1	60	0.1	22.7	12.1	512	2.78	3.5	1.3	4.5	6.7	20	<0.1	0.2	0.2	48	0.21	0.049
1370975	Soil	0.6	31.9	10.7	72	0.2	24.8	13.8	562	3.40	10.7	0.5	31.7	3.8	17	0.2	0.5	0.4	75	0.34	0.036

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1379213	Soil	15	33	0.46	219	0.050	<1	1.59	0.011	0.05	0.2	0.04	3.2	<0.1	<0.05	5	<0.5	<0.2
1379209	Soil	15	37	0.54	255	0.058	<1	1.53	0.007	0.11	0.1	0.04	4.1	0.1	<0.05	5	<0.5	<0.2
1379205	Soil	13	37	0.48	251	0.063	<1	1.57	0.011	0.11	0.1	0.02	3.5	0.1	<0.05	5	<0.5	<0.2
1279385	Soil	17	39	0.57	282	0.071	<1	1.68	0.012	0.08	0.2	0.04	4.5	<0.1	<0.05	6	<0.5	<0.2
1379197	Soil	17	35	0.55	347	0.067	1	1.52	0.020	0.09	0.2	0.04	4.1	0.1	<0.05	4	<0.5	<0.2
1379196	Soil	19	40	0.62	369	0.067	<1	1.61	0.011	0.14	<0.1	0.07	3.9	0.1	<0.05	5	1.0	<0.2
1379218	Soil	13	66	0.82	213	0.098	1	1.93	0.013	0.09	0.2	0.06	5.0	0.3	<0.05	6	<0.5	<0.2
1379215	Soil	40	36	0.96	167	0.111	<1	1.94	0.008	0.59	<0.1	0.02	3.3	0.3	<0.05	6	<0.5	<0.2
1379195	Soil	11	49	0.64	208	0.070	1	1.58	0.011	0.06	0.1	0.05	3.9	0.2	<0.05	6	<0.5	<0.2
1379201	Soil	17	38	0.62	373	0.084	1	1.52	0.027	0.07	0.3	0.04	5.0	0.1	<0.05	4	<0.5	<0.2
1379217	Soil	24	62	0.79	281	0.084	<1	1.69	0.010	0.19	<0.1	0.03	5.8	0.2	<0.05	6	<0.5	<0.2
1379214	Soil	15	35	0.48	246	0.052	<1	1.79	0.009	0.05	0.1	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1379202	Soil	18	36	0.59	417	0.068	1	1.45	0.018	0.07	0.2	0.04	5.8	<0.1	<0.05	5	0.6	<0.2
1379194	Soil	11	83	1.29	328	0.158	<1	1.95	0.010	0.40	0.1	0.02	4.9	0.2	<0.05	6	<0.5	<0.2
1379216	Soil	35	34	0.62	199	0.129	<1	1.64	0.008	0.44	0.1	0.01	4.9	0.3	<0.05	7	<0.5	<0.2
1379220	Soil	8	54	0.80	148	0.097	<1	1.63	0.009	0.09	0.3	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1379200	Soil	14	25	0.53	306	0.060	1	1.22	0.020	0.06	0.3	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
1379203	Soil	17	33	0.59	421	0.078	1	1.40	0.021	0.10	0.2	0.04	5.1	0.1	<0.05	5	<0.5	<0.2
1379192	Soil	12	42	0.59	143	0.077	<1	1.50	0.010	0.06	0.2	0.03	4.1	<0.1	<0.05	6	<0.5	<0.2
1379219	Soil	8	65	0.91	150	0.110	<1	1.76	0.011	0.13	0.2	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
1370970	Soil	15	91	1.51	359	0.156	<1	2.47	0.011	0.31	0.2	0.03	7.7	0.2	<0.05	7	<0.5	<0.2
1370974	Soil	9	71	1.10	304	0.129	<1	2.05	0.011	0.27	0.2	0.02	5.6	0.1	<0.05	6	<0.5	<0.2
1260729	Soil	14	106	1.15	313	0.104	<1	1.96	0.006	0.41	0.2	0.02	12.3	0.3	<0.05	6	<0.5	<0.2
1379193	Soil	9	80	1.21	241	0.183	<1	2.06	0.014	0.46	<0.1	0.02	4.0	0.2	<0.05	7	<0.5	<0.2
1370969	Soil	9	93	1.56	292	0.152	<1	2.49	0.009	0.29	0.2	<0.01	6.0	0.2	<0.05	7	<0.5	<0.2
1370973	Soil	9	116	1.70	309	0.139	<1	2.87	0.008	0.55	0.2	0.01	8.6	0.3	<0.05	8	<0.5	<0.2
1260728	Soil	8	112	1.64	277	0.167	<1	2.99	0.009	0.61	0.2	0.02	8.9	0.4	<0.05	9	<0.5	<0.2
1379199	Soil	13	26	0.53	307	0.059	1	1.27	0.020	0.05	0.3	0.03	4.0	<0.1	<0.05	4	0.8	<0.2
1260737	Soil	28	32	0.61	288	0.103	<1	1.84	0.008	0.26	0.1	0.02	4.5	0.2	<0.05	6	<0.5	<0.2
1370975	Soil	9	75	1.20	311	0.134	<1	2.12	0.011	0.24	0.2	0.02	5.4	0.1	<0.05	7	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1260726	Soil	0.6	77.0	14.2	166	0.3	31.6	16.1	605	3.89	57.0	0.7	4.7	4.7	17	0.6	2.4	0.2	83	0.37	0.054
1379198	Soil	1.0	23.2	9.0	61	0.1	22.7	9.3	442	2.34	6.9	0.9	3.2	2.9	28	0.2	0.5	0.2	51	0.42	0.061
1260736	Soil	0.3	24.7	9.7	63	<0.1	478.4	34.2	916	3.98	18.1	0.7	1.2	7.8	23	0.1	0.3	0.1	64	0.50	0.037
1370971	Soil	0.6	29.3	8.4	66	<0.1	22.5	11.0	368	3.07	7.2	0.7	4.5	4.4	22	<0.1	0.5	0.1	65	0.32	0.031
1370972	Soil	0.8	37.5	9.4	64	<0.1	24.6	12.8	472	3.20	9.6	1.1	4.5	5.0	22	0.1	0.4	0.2	66	0.30	0.045
1260727	Soil	0.5	45.8	11.5	82	0.2	28.0	17.3	780	3.93	10.6	0.3	1.6	3.3	12	0.3	0.6	0.2	93	0.22	0.027
1260743	Soil	0.8	23.5	10.2	62	<0.1	20.8	9.9	392	2.67	4.0	1.0	1.2	7.6	16	<0.1	0.3	0.2	47	0.19	0.042
1260732	Soil	0.9	252.4	65.7	563	3.9	24.8	14.9	776	3.54	444.6	0.5	51.4	3.4	15	2.4	10.6	5.9	74	0.22	0.021
1260735	Soil	0.4	30.9	9.8	66	0.1	134.2	18.4	740	3.31	4.9	1.2	1.5	7.6	38	0.1	0.2	0.2	44	1.08	0.040
1260738	Soil	0.6	31.3	11.0	71	<0.1	25.1	10.6	444	3.13	2.6	1.3	0.5	10.7	21	<0.1	0.2	0.2	38	0.22	0.041
1260742	Soil	0.8	37.5	10.5	63	<0.1	24.8	10.5	349	2.89	4.2	1.3	<0.5	8.6	17	<0.1	0.3	0.2	46	0.15	0.023
1260747	Soil	1.3	121.4	57.8	586	1.7	33.4	16.7	1068	4.36	384.4	0.6	36.8	4.4	15	4.1	9.1	3.0	93	0.40	0.047
1260734	Soil	0.9	121.0	87.8	975	1.0	37.9	17.4	1121	5.34	647.2	0.7	53.5	6.2	13	6.0	13.6	9.4	86	0.27	0.037
1260730	Soil	1.1	74.8	23.8	89	0.2	37.1	19.2	658	4.52	143.3	0.4	5.7	3.0	13	0.2	1.8	0.2	98	0.32	0.021
1260746	Soil	0.4	32.8	10.7	64	0.1	24.7	11.4	499	3.09	4.0	1.1	1.9	10.5	17	<0.1	0.2	0.2	47	0.38	0.026
1260745	Soil	0.3	68.7	6.4	68	<0.1	27.4	14.2	1418	3.42	0.7	0.8	<0.5	3.9	17	0.1	<0.1	0.1	107	0.31	0.044
1260733	Soil	0.6	83.6	41.0	526	0.8	27.5	14.8	815	3.48	203.1	0.4	66.0	4.0	13	3.4	5.0	2.6	73	0.26	0.043
1260740	Soil	0.8	34.0	10.2	66	<0.1	23.0	11.0	435	3.14	3.8	1.3	1.1	8.7	19	<0.1	0.4	0.2	47	0.19	0.025
1260748	Soil	1.2	220.8	138.2	1034	2.3	39.3	24.0	1555	5.14	801.0	0.8	36.8	4.7	16	5.6	20.7	3.7	92	0.27	0.043
1260744	Soil	0.2	26.8	14.3	87	<0.1	31.9	12.6	389	4.06	1.1	1.5	1.6	17.8	16	<0.1	<0.1	0.3	30	0.18	0.035
1260731	Soil	0.7	167.7	163.5	310	0.7	36.5	19.6	700	4.38	188.1	0.3	11.0	3.0	13	1.0	2.6	0.5	87	0.35	0.044
1260739	Soil	1.1	45.8	10.8	78	<0.1	27.4	12.1	530	3.04	1.8	1.4	1.8	8.6	19	0.1	0.2	0.2	40	0.12	0.032
1371709	Soil	0.4	59.0	14.8	97	<0.1	45.7	21.6	498	4.96	1.5	1.6	1.3	15.9	13	<0.1	0.1	0.3	41	0.10	0.032
1371713	Soil	1.2	24.4	12.2	54	0.3	19.6	9.3	374	3.13	8.4	1.0	0.9	3.0	17	<0.1	0.5	0.2	70	0.14	0.055
1369116	Soil	0.2	75.5	7.2	119	<0.1	33.8	19.5	948	4.53	12.6	0.5	0.5	4.9	21	0.3	0.4	0.4	89	0.43	0.053
1260741	Soil	0.7	30.9	9.3	60	<0.1	24.1	9.4	360	2.78	4.5	0.9	1.5	6.4	18	<0.1	0.3	0.2	45	0.17	0.023
1371708	Soil	<0.1	31.3	17.2	79	<0.1	25.2	12.3	558	3.94	1.1	1.0	<0.5	22.3	30	<0.1	<0.1	0.4	45	0.47	0.062
1371712	Soil	1.5	60.8	17.2	95	<0.1	41.2	17.2	1033	3.73	0.9	2.4	1.6	9.2	15	0.1	0.1	0.2	69	0.12	0.044
1369124	Soil	0.7	33.8	66.9	135	0.2	31.7	17.1	821	3.91	48.6	0.6	17.1	4.9	16	0.4	1.9	0.3	78	0.25	0.026
1260750	Soil	1.1	59.0	23.5	100	<0.1	36.6	22.4	1136	4.42	136.5	0.3	1.9	2.9	15	0.2	1.7	0.2	102	0.40	0.032

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1260726	Soil	11	96	1.29	389	0.134	<1	2.32	0.014	0.52	0.2	0.03	8.7	0.2	<0.05	7	<0.5	<0.2
1379198	Soil	15	27	0.46	349	0.055	<1	1.39	0.015	0.05	0.2	0.04	4.3	<0.1	<0.05	4	<0.5	<0.2
1260736	Soil	26	581	4.25	189	0.082	<1	2.52	0.006	0.30	<0.1	0.01	10.4	0.3	<0.05	6	<0.5	<0.2
1370971	Soil	12	54	0.94	250	0.117	<1	1.91	0.012	0.10	0.1	0.02	5.0	0.1	<0.05	6	<0.5	<0.2
1370972	Soil	15	60	0.94	351	0.116	<1	2.01	0.011	0.11	0.2	0.02	6.0	0.2	<0.05	6	<0.5	<0.2
1260727	Soil	6	105	1.66	341	0.175	<1	2.44	0.011	0.47	0.2	0.02	7.3	0.2	<0.05	9	<0.5	<0.2
1260743	Soil	24	30	0.55	238	0.110	<1	1.55	0.008	0.23	0.1	0.02	3.8	0.2	<0.05	5	<0.5	<0.2
1260732	Soil	7	73	1.14	234	0.105	<1	2.16	0.010	0.13	0.5	0.02	5.2	0.2	<0.05	7	<0.5	<0.2
1260735	Soil	31	120	1.12	213	0.109	<1	1.69	0.012	0.40	<0.1	0.02	6.0	0.3	<0.05	6	<0.5	<0.2
1260738	Soil	36	28	0.55	186	0.113	<1	1.61	0.008	0.50	<0.1	0.02	4.3	0.3	<0.05	6	<0.5	<0.2
1260742	Soil	29	31	0.58	254	0.117	<1	1.72	0.008	0.31	<0.1	0.03	5.3	0.2	<0.05	5	<0.5	<0.2
1260747	Soil	9	110	1.73	361	0.148	<1	2.62	0.011	0.52	0.5	0.02	9.3	0.4	<0.05	8	<0.5	<0.2
1260734	Soil	13	114	1.65	248	0.093	<1	2.54	0.007	0.33	0.5	0.03	11.4	0.4	<0.05	7	<0.5	0.6
1260730	Soil	6	119	1.84	285	0.214	<1	2.93	0.009	0.54	1.3	<0.01	6.7	0.4	<0.05	9	<0.5	<0.2
1260746	Soil	41	30	0.68	191	0.155	<1	1.81	0.008	0.41	<0.1	0.03	4.7	0.3	<0.05	6	<0.5	<0.2
1260745	Soil	23	33	1.23	390	0.173	<1	2.14	0.018	0.66	<0.1	0.02	11.5	0.3	<0.05	8	<0.5	<0.2
1260733	Soil	7	80	1.30	253	0.125	<1	2.19	0.010	0.31	0.5	0.02	5.3	0.2	<0.05	6	<0.5	<0.2
1260740	Soil	28	30	0.67	261	0.179	<1	1.79	0.008	0.54	0.1	0.02	5.4	0.3	<0.05	6	<0.5	<0.2
1260748	Soil	8	116	1.89	328	0.158	<1	3.12	0.008	0.55	0.8	0.02	8.1	0.6	<0.05	9	<0.5	0.3
1260744	Soil	64	31	0.73	153	0.170	<1	2.02	0.007	0.82	<0.1	0.02	4.1	0.5	<0.05	7	<0.5	<0.2
1260731	Soil	6	104	1.92	308	0.202	<1	2.93	0.009	0.57	0.5	0.01	4.8	0.4	<0.05	7	<0.5	<0.2
1260739	Soil	25	27	0.60	214	0.143	<1	1.55	0.005	0.66	<0.1	0.02	4.5	0.4	<0.05	6	<0.5	<0.2
1371709	Soil	50	31	0.83	222	0.203	<1	2.45	0.007	1.04	<0.1	0.02	4.8	0.7	<0.05	7	<0.5	<0.2
1371713	Soil	18	35	0.54	211	0.069	<1	2.26	0.009	0.10	0.1	0.04	4.0	0.2	<0.05	7	<0.5	<0.2
1369116	Soil	12	130	2.00	533	0.157	<1	2.98	0.012	1.03	0.2	0.01	12.3	0.4	<0.05	9	<0.5	<0.2
1260741	Soil	20	31	0.60	256	0.104	<1	1.69	0.007	0.22	<0.1	0.03	4.7	0.2	<0.05	5	<0.5	<0.2
1371708	Soil	55	44	1.00	183	0.164	<1	2.64	0.009	0.82	<0.1	0.01	6.9	0.5	<0.05	10	<0.5	<0.2
1371712	Soil	42	36	1.54	268	0.189	<1	2.85	0.008	1.16	<0.1	0.01	6.0	0.5	<0.05	9	<0.5	<0.2
1369124	Soil	11	79	1.08	187	0.093	<1	2.65	0.009	0.18	0.1	0.03	9.3	0.2	<0.05	7	<0.5	<0.2
1260750	Soil	3	124	2.03	165	0.231	<1	2.79	0.009	0.61	0.4	0.01	4.8	0.4	<0.05	10	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1369109	Soil		0.8	56.9	9.6	58	0.2	25.6	10.2	396	2.79	11.8	1.1	3.7	4.0	28	<0.1	0.7	0.6	56	0.34	0.061
1371711	Soil		1.6	45.6	12.9	67	<0.1	23.3	12.6	635	3.19	5.3	0.9	<0.5	5.5	16	<0.1	0.3	0.2	58	0.08	0.042
1369118	Soil		0.6	38.3	10.3	78	<0.1	30.4	17.8	664	3.61	24.2	0.5	2.9	3.9	17	0.1	1.1	0.2	73	0.33	0.040
1260749	Soil		0.8	82.8	156.6	498	0.6	32.5	19.6	1058	3.76	289.3	0.5	13.9	4.2	14	2.3	6.6	1.6	74	0.34	0.031
1371707	Soil		1.0	39.9	15.6	76	<0.1	34.4	12.4	1273	3.33	1.6	1.3	<0.5	7.2	7	0.2	<0.1	0.3	44	0.12	0.056
1371710	Soil		0.2	24.0	19.4	67	<0.1	24.5	11.3	489	3.13	0.6	0.8	<0.5	15.3	11	<0.1	<0.1	0.2	29	0.15	0.045
1369115	Soil		0.3	63.7	14.0	81	<0.1	37.5	21.3	769	4.22	2.5	0.6	0.9	7.2	18	<0.1	0.3	0.5	87	0.59	0.074
1369117	Soil		1.0	422.5	17.9	83	0.5	26.0	13.3	538	3.39	39.8	0.8	8.2	4.6	16	0.3	2.7	0.9	60	0.25	0.044
1369105	Soil		1.5	156.4	44.5	155	0.3	38.8	21.5	1354	4.85	51.3	1.1	20.8	10.1	16	0.5	3.4	2.1	94	0.40	0.041
1369110	Soil		1.1	202.9	12.1	89	0.2	27.2	15.0	477	3.30	9.2	0.6	7.7	3.7	19	0.3	0.6	4.3	71	0.31	0.042
1371702	Soil		0.7	38.2	25.3	155	0.3	33.8	17.4	755	3.76	21.3	0.8	9.3	4.2	21	0.2	1.1	0.2	77	0.48	0.049
1371715	Soil		1.1	54.6	12.6	84	<0.1	35.3	13.3	551	3.26	6.1	1.5	1.0	6.9	26	<0.1	0.5	0.2	60	0.25	0.035
1369114	Soil		0.6	53.3	10.6	75	0.1	25.6	12.0	392	3.00	10.6	1.0	5.7	5.1	22	0.2	0.6	0.3	63	0.29	0.047
1369112	Soil		0.6	94.4	10.4	83	<0.1	26.9	16.3	490	3.24	5.4	0.6	2.1	4.4	17	0.2	0.4	2.1	72	0.32	0.037
1371705	Soil		1.0	86.9	212.2	1220	0.8	47.5	27.1	1666	4.99	388.7	0.7	32.6	5.7	17	6.8	14.6	1.0	110	0.49	0.058
1369125	Soil		0.7	24.7	26.6	99	0.1	34.9	22.9	839	4.36	45.7	0.5	4.0	4.6	14	0.2	1.6	0.1	96	0.36	0.044
1369108	Soil		4.0	2184	22.8	149	3.9	30.2	18.5	867	4.72	31.2	0.8	104.8	5.4	10	0.6	5.9	17.3	85	0.22	0.066
1369111	Soil		0.9	383.4	14.4	93	0.6	28.8	16.3	482	3.36	10.2	0.9	19.4	4.0	19	0.2	0.8	12.1	75	0.42	0.037
1371706	Soil		0.1	23.8	5.8	58	0.1	24.9	20.7	795	5.21	4.3	1.2	4.0	12.8	22	<0.1	2.9	0.2	128	0.52	0.054
1371704	Soil		1.0	35.7	59.2	117	0.4	31.8	17.0	755	3.58	286.3	0.6	24.5	3.5	16	0.3	11.9	0.3	73	0.33	0.044
1369106	Soil		1.4	177.8	29.6	95	2.1	32.6	17.0	646	3.82	38.8	1.6	16.0	5.7	15	0.2	2.0	1.6	71	0.25	0.038
1369113	Soil		1.5	208.9	14.2	82	0.6	20.8	10.8	347	3.07	9.9	0.7	6.6	3.1	15	0.3	0.6	0.7	68	0.23	0.031
1371703	Soil		0.7	38.1	27.8	89	0.2	33.2	19.4	860	3.67	217.1	0.5	20.2	3.8	15	0.2	5.8	0.3	74	0.28	0.033
1371714	Soil		0.5	79.4	11.5	102	<0.1	38.7	16.3	507	4.01	1.4	1.4	1.5	6.7	20	<0.1	0.2	0.2	53	0.19	0.027
1279361	Soil		0.9	90.6	250.6	412	0.8	33.4	18.2	852	4.10	631.2	0.7	61.1	5.0	15	1.5	25.3	1.0	83	0.20	0.019
1279371	Soil		1.5	61.5	12.5	90	<0.1	38.6	17.9	865	3.80	1.7	1.6	1.5	9.0	26	<0.1	0.2	0.2	70	0.18	0.029
1279375	Soil		1.9	61.6	13.3	63	<0.1	26.9	10.2	456	3.10	5.6	2.2	2.7	6.0	19	<0.1	0.4	0.2	64	0.08	0.028
1369104	Soil		1.2	109.1	18.7	95	0.4	36.4	13.9	589	3.76	37.6	1.1	8.4	5.0	19	<0.1	2.6	1.2	83	0.42	0.030
1279373	Soil		0.9	57.6	12.7	96	<0.1	51.7	24.8	780	4.31	<0.5	1.0	1.5	6.6	12	<0.1	<0.1	0.3	41	0.05	0.026
1279374	Soil		2.2	57.4	13.9	69	<0.1	26.0	10.2	493	3.16	5.7	1.8	1.9	6.2	18	<0.1	0.3	0.2	62	0.08	0.027

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1369109	Soil	15	41	0.63	350	0.076	1	1.68	0.013	0.08	0.1	0.04	6.5	<0.1	<0.05	5	<0.5	<0.2
1371711	Soil	19	31	0.81	160	0.115	<1	2.00	0.006	0.53	<0.1	0.01	3.9	0.3	<0.05	7	<0.5	<0.2
1369118	Soil	10	81	1.36	227	0.151	<1	2.23	0.010	0.32	0.2	0.01	4.8	0.2	<0.05	6	<0.5	<0.2
1260749	Soil	8	94	1.52	249	0.143	<1	2.39	0.009	0.25	0.6	<0.01	5.8	0.3	<0.05	7	<0.5	<0.2
1371707	Soil	28	29	0.75	188	0.049	<1	1.93	0.006	0.34	<0.1	<0.01	3.3	0.2	<0.05	6	<0.5	<0.2
1371710	Soil	44	29	0.72	217	0.164	<1	1.92	0.006	0.68	<0.1	<0.01	4.0	0.4	<0.05	6	<0.5	<0.2
1369115	Soil	11	138	2.09	328	0.248	<1	2.77	0.009	0.93	0.2	0.01	5.5	0.6	<0.05	8	<0.5	<0.2
1369117	Soil	14	47	0.67	206	0.046	<1	2.05	0.009	0.13	0.1	0.05	6.3	0.2	<0.05	6	<0.5	<0.2
1369105	Soil	24	111	1.52	331	0.104	<1	2.59	0.008	0.34	0.2	0.04	13.4	0.3	<0.05	9	<0.5	<0.2
1369110	Soil	10	61	1.10	211	0.140	<1	2.17	0.012	0.25	0.2	0.02	3.9	0.2	<0.05	7	<0.5	<0.2
1371702	Soil	12	80	1.37	254	0.141	<1	2.09	0.010	0.31	0.1	0.04	6.3	0.2	<0.05	6	<0.5	<0.2
1371715	Soil	24	36	0.81	385	0.112	<1	1.93	0.010	0.34	0.1	0.04	6.9	0.2	<0.05	6	0.5	<0.2
1369114	Soil	15	49	0.79	283	0.100	<1	2.11	0.012	0.10	0.1	0.04	5.2	0.2	<0.05	6	<0.5	<0.2
1369112	Soil	12	73	1.23	164	0.158	<1	2.12	0.010	0.32	0.2	0.02	4.2	0.3	<0.05	7	<0.5	<0.2
1371705	Soil	13	135	2.29	314	0.150	<1	2.87	0.008	0.47	0.2	0.04	12.8	0.4	<0.05	9	<0.5	<0.2
1369125	Soil	10	109	1.54	195	0.106	<1	2.47	0.008	0.27	<0.1	0.01	10.8	0.2	<0.05	9	<0.5	<0.2
1369108	Soil	12	102	1.82	369	0.144	<1	3.39	0.009	0.94	0.4	0.03	7.5	0.9	<0.05	8	<0.5	0.3
1369111	Soil	13	69	1.18	221	0.149	<1	2.13	0.013	0.27	0.2	0.05	6.3	0.2	<0.05	7	<0.5	<0.2
1371706	Soil	30	104	2.19	401	0.125	<1	2.85	0.010	0.63	0.3	0.07	13.2	0.3	<0.05	14	<0.5	<0.2
1371704	Soil	11	73	1.17	216	0.102	<1	2.33	0.009	0.14	0.2	0.02	6.3	0.2	<0.05	6	<0.5	<0.2
1369106	Soil	22	62	0.79	287	0.083	<1	2.71	0.011	0.10	0.2	0.10	9.6	0.2	<0.05	7	0.5	<0.2
1369113	Soil	9	65	0.93	150	0.121	<1	2.05	0.012	0.18	0.2	0.03	4.0	0.2	<0.05	8	0.5	<0.2
1371703	Soil	10	81	1.33	219	0.132	<1	2.14	0.009	0.25	0.2	0.01	5.4	0.2	<0.05	6	<0.5	<0.2
1371714	Soil	25	37	1.25	388	0.194	<1	2.44	0.010	0.87	<0.1	<0.01	6.1	0.4	<0.05	8	<0.5	<0.2
1279361	Soil	11	100	1.27	216	0.159	<1	2.74	0.010	0.34	0.5	0.02	6.6	0.5	<0.05	7	<0.5	<0.2
1279371	Soil	34	47	1.25	401	0.201	<1	2.41	0.010	0.66	0.1	0.01	7.0	0.4	<0.05	8	<0.5	<0.2
1279375	Soil	25	38	0.72	149	0.095	1	2.15	0.008	0.26	0.1	0.03	5.2	0.2	<0.05	7	<0.5	<0.2
1369104	Soil	17	76	0.96	280	0.117	<1	2.13	0.015	0.18	0.2	0.04	9.2	0.2	<0.05	6	<0.5	<0.2
1279373	Soil	25	37	1.07	204	0.218	<1	2.32	0.008	1.00	<0.1	<0.01	5.3	0.6	<0.05	7	<0.5	<0.2
1279374	Soil	23	38	0.76	150	0.098	1	2.23	0.009	0.26	0.1	0.03	4.7	0.2	<0.05	7	0.7	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1279382	Soil	1.1	43.8	249.8	619	1.7	36.4	18.7	767	4.03	358.2	0.6	58.8	4.5	13	2.2	14.2	0.2	89	0.24	0.027
1369103	Soil	1.7	81.8	247.5	572	1.2	43.9	29.8	2612	5.13	1108	1.2	155.2	7.9	15	3.0	38.3	0.8	95	0.26	0.031
1279376	Soil	0.4	28.6	17.9	77	<0.1	29.9	14.1	430	3.58	2.4	1.7	0.6	16.9	11	<0.1	0.2	0.3	33	0.06	0.015
1279381	Soil	1.4	79.8	97.0	553	1.4	35.3	16.1	612	4.15	239.8	0.6	47.1	4.4	12	1.4	9.4	0.8	88	0.17	0.027
1279379	Soil	0.3	25.1	15.8	81	<0.1	30.5	14.2	489	4.00	1.2	1.0	1.7	15.4	10	<0.1	0.1	0.2	45	0.08	0.025
1369107	Soil	1.5	208.9	10.7	60	1.2	26.9	11.8	334	3.60	21.6	0.6	10.8	4.6	12	0.2	1.5	1.4	82	0.15	0.020
1279380	Soil	1.4	58.2	25.4	148	0.5	27.8	19.6	1953	4.23	36.2	1.2	6.9	10.0	15	0.5	3.9	0.8	63	0.24	0.022
1279372	Soil	1.9	62.6	14.7	87	<0.1	29.6	11.4	581	3.21	2.2	1.3	1.6	4.9	25	<0.1	0.2	0.2	64	0.07	0.035
1279378	Soil	0.1	21.9	14.0	76	<0.1	30.2	13.8	370	3.75	0.9	1.3	1.5	18.3	12	<0.1	<0.1	0.3	37	0.14	0.021
1279377	Soil	0.2	27.0	18.8	93	<0.1	32.5	16.0	646	4.04	5.9	1.9	0.5	19.2	11	<0.1	0.3	0.2	34	0.08	0.024
1279360	Soil	0.7	137.9	119.0	178	0.7	30.7	18.7	1027	3.96	572.9	0.9	31.7	7.3	9	0.6	37.6	0.5	101	0.24	0.043
1279365	Soil	0.6	31.2	16.7	77	<0.1	33.9	13.6	567	3.72	2.1	1.3	2.3	16.3	21	<0.1	0.2	0.3	47	0.24	0.031
1279366	Soil	0.5	32.0	17.4	82	<0.1	30.8	15.5	690	3.88	2.7	1.4	<0.5	16.4	12	<0.1	<0.1	0.3	55	0.14	0.027
1279370	Soil	1.2	52.4	10.8	72	<0.1	30.6	10.8	460	3.05	3.9	1.4	3.1	5.3	23	<0.1	0.3	0.2	63	0.17	0.033
1279355	Soil	0.7	192.7	6.9	98	0.1	38.8	21.7	810	4.67	12.2	0.7	<0.5	4.8	16	<0.1	0.8	0.2	102	0.42	0.034
1279358	Soil	1.2	223.8	21.6	98	1.0	31.3	13.6	610	3.49	28.8	1.6	6.9	5.4	20	0.1	1.0	0.3	78	0.33	0.026
1279368	Soil	1.5	44.0	11.3	58	<0.1	25.8	11.3	378	3.02	6.8	3.2	0.8	5.7	14	<0.1	0.5	0.2	55	0.08	0.017
1279362	Soil	2.1	115.5	117.4	257	0.5	25.9	15.9	783	3.69	310.2	0.6	33.3	4.9	9	2.1	8.3	1.1	88	0.20	0.042
1279357	Soil	2.0	356.1	30.4	121	0.3	31.1	16.9	887	3.68	31.8	1.0	8.7	6.1	16	0.3	2.9	0.8	72	0.29	0.033
1279352	Soil	0.8	30.7	8.9	65	<0.1	33.8	16.5	518	3.61	12.2	0.7	<0.5	4.5	16	0.1	0.8	0.1	83	0.27	0.029
1279364	Soil	0.4	27.4	16.3	84	<0.1	34.7	14.2	406	4.21	2.7	1.0	1.4	15.1	12	<0.1	0.2	0.2	48	0.08	0.020
1279367	Soil	0.9	22.5	17.5	82	<0.1	27.9	14.6	1381	4.08	3.5	1.0	<0.5	9.6	17	0.2	0.2	0.3	62	0.20	0.063
1279354	Soil	0.8	131.1	9.3	85	<0.1	37.7	22.9	875	4.13	12.5	0.9	1.8	7.0	15	<0.1	0.7	1.1	88	0.20	0.023
1279359	Soil	0.9	200.6	58.4	152	0.4	36.0	19.8	1017	4.27	163.4	1.0	28.9	5.6	13	0.3	4.9	0.7	91	0.37	0.030
1279369	Soil	1.5	49.6	12.1	66	0.1	26.7	10.3	435	2.93	2.5	1.5	1.0	5.9	19	<0.1	0.3	0.2	50	0.13	0.031
1279363	Soil	0.7	48.0	57.0	269	0.9	31.0	17.0	859	4.08	87.8	1.1	13.1	7.8	24	1.9	4.5	0.6	81	0.61	0.037
1364409	Soil	1.0	21.5	9.8	60	0.2	25.7	10.4	334	2.35	5.4	1.1	4.9	3.7	27	0.2	0.4	0.2	48	0.40	0.050
1364410	Soil	1.0	21.7	7.9	56	0.1	21.2	11.6	615	2.21	5.6	1.1	9.5	2.7	34	0.2	0.4	0.1	52	0.60	0.055
1366923	Soil	0.7	39.1	9.0	67	<0.1	32.7	12.9	498	2.86	9.2	0.6	5.0	4.5	22	<0.1	0.6	0.2	67	0.40	0.050
1279353	Soil	1.4	202.2	10.5	58	0.2	21.2	9.2	280	2.68	9.9	0.8	4.5	3.0	16	<0.1	0.8	1.3	61	0.27	0.040

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1279382	Soil	11	95	1.28	166	0.148	<1	2.64	0.010	0.20	0.2	0.03	5.6	0.2	<0.05	7	<0.5	<0.2
1369103	Soil	22	122	1.41	330	0.139	<1	2.43	0.008	0.45	0.3	0.03	11.7	0.5	<0.05	8	<0.5	<0.2
1279376	Soil	42	31	0.59	125	0.109	<1	2.09	0.006	0.52	<0.1	0.01	4.1	0.5	<0.05	6	<0.5	<0.2
1279381	Soil	10	85	1.05	165	0.110	1	3.15	0.009	0.13	0.2	0.04	5.7	0.3	<0.05	8	<0.5	<0.2
1279379	Soil	44	43	0.88	134	0.234	<1	2.45	0.007	0.87	<0.1	<0.01	4.8	0.6	<0.05	8	<0.5	<0.2
1369107	Soil	11	62	0.78	192	0.099	2	2.77	0.010	0.08	0.1	0.05	4.9	0.2	<0.05	6	<0.5	<0.2
1279380	Soil	26	52	0.51	381	0.016	<1	1.12	0.004	0.14	<0.1	0.05	13.8	0.2	<0.05	3	<0.5	<0.2
1279372	Soil	21	39	1.06	170	0.160	<1	2.22	0.006	0.67	<0.1	<0.01	3.7	0.3	<0.05	6	<0.5	<0.2
1279378	Soil	85	36	0.81	150	0.200	<1	2.46	0.007	0.55	<0.1	<0.01	4.9	0.5	<0.05	7	<0.5	<0.2
1279377	Soil	58	36	0.79	148	0.172	<1	2.26	0.008	0.74	<0.1	0.01	4.3	0.5	<0.05	7	<0.5	<0.2
1279360	Soil	12	128	1.62	211	0.155	1	2.69	0.010	0.42	0.4	0.02	10.9	0.4	<0.05	8	<0.5	<0.2
1279365	Soil	45	40	0.76	198	0.190	2	2.04	0.011	0.60	0.1	<0.01	5.8	0.4	<0.05	7	<0.5	<0.2
1279366	Soil	33	50	0.86	140	0.209	<1	2.76	0.013	0.67	0.1	<0.01	5.7	0.5	<0.05	9	<0.5	<0.2
1279370	Soil	21	38	0.77	304	0.121	<1	1.76	0.010	0.27	0.1	0.02	5.0	0.2	<0.05	6	<0.5	<0.2
1279355	Soil	8	129	1.84	336	0.251	<1	3.33	0.011	0.86	0.5	<0.01	7.4	0.7	<0.05	9	<0.5	<0.2
1279358	Soil	16	64	0.85	304	0.094	2	2.12	0.013	0.10	0.2	0.05	8.4	0.2	<0.05	6	<0.5	<0.2
1279368	Soil	20	35	0.68	170	0.121	<1	1.93	0.007	0.24	0.1	0.03	4.7	0.2	<0.05	6	0.7	<0.2
1279362	Soil	8	104	1.28	293	0.146	<1	2.83	0.013	0.58	0.3	0.02	7.8	0.5	<0.05	8	<0.5	<0.2
1279357	Soil	16	71	0.97	220	0.110	<1	1.90	0.009	0.15	0.3	0.03	9.1	0.3	<0.05	6	<0.5	<0.2
1279352	Soil	11	81	1.32	179	0.170	2	2.75	0.012	0.17	0.2	0.03	4.7	0.3	<0.05	7	<0.5	<0.2
1279364	Soil	51	42	0.85	129	0.201	<1	2.67	0.008	0.69	0.1	0.01	4.5	0.5	<0.05	8	<0.5	<0.2
1279367	Soil	21	42	0.67	161	0.129	<1	2.74	0.011	0.54	0.1	0.03	5.0	0.4	<0.05	10	<0.5	<0.2
1279354	Soil	16	104	1.41	235	0.203	1	2.78	0.012	0.49	0.2	<0.01	6.1	0.4	<0.05	8	<0.5	<0.2
1279359	Soil	16	107	1.33	269	0.160	<1	2.68	0.014	0.34	0.3	0.02	9.6	0.3	<0.05	7	<0.5	<0.2
1279369	Soil	23	34	0.77	253	0.128	1	1.78	0.009	0.38	<0.1	<0.01	3.9	0.3	<0.05	6	<0.5	<0.2
1279363	Soil	23	86	1.28	327	0.089	2	1.95	0.010	0.31	0.1	0.05	12.1	0.3	<0.05	7	0.6	<0.2
1364409	Soil	20	32	0.55	297	0.064	<1	1.41	0.012	0.13	0.2	0.05	3.7	0.1	<0.05	4	<0.5	<0.2
1364410	Soil	13	28	0.44	308	0.057	1	1.28	0.017	0.05	0.4	0.03	3.6	<0.1	<0.05	4	<0.5	<0.2
1366923	Soil	14	47	0.80	278	0.111	2	1.72	0.015	0.16	0.2	0.02	5.4	0.2	<0.05	5	0.6	<0.2
1279353	Soil	13	42	0.65	218	0.082	2	1.81	0.010	0.09	0.2	0.03	4.0	0.1	<0.05	6	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1364402	Soil	0.6	28.1	42.6	94	0.1	24.3	14.3	486	3.61	7.7	0.5	166.5	4.4	12	0.2	0.6	0.4	77	0.16	0.035
1364408	Soil	0.5	39.5	21.3	95	0.3	28.5	15.5	531	3.96	50.9	1.1	15.4	5.3	20	0.3	1.8	0.3	66	0.36	0.050
1364412	Soil	0.9	22.4	8.7	57	0.1	21.6	9.7	376	2.27	5.1	1.1	6.6	2.7	45	0.3	0.5	0.2	50	0.71	0.057
1366925	Soil	1.5	16.8	9.9	45	<0.1	16.2	8.8	294	3.29	9.9	0.4	<0.5	2.3	13	0.1	0.5	0.3	77	0.16	0.030
1364404	Soil	0.7	16.8	14.4	69	0.2	19.4	12.2	356	2.89	4.4	0.8	6.9	4.0	13	0.1	0.4	0.2	70	0.24	0.048
1364406	Soil	1.0	22.5	16.7	69	0.4	18.8	13.3	738	2.71	12.3	0.7	7.7	2.8	16	0.1	0.7	0.2	66	0.25	0.046
1364413	Soil	1.4	39.1	12.0	66	<0.1	31.3	12.1	419	2.87	5.6	1.8	8.2	4.9	34	<0.1	0.5	0.2	58	0.48	0.051
1366924	Soil	1.4	19.9	10.3	48	<0.1	17.7	8.6	312	3.27	11.4	0.4	2.0	2.0	13	<0.1	0.5	0.4	88	0.16	0.033
1364407	Soil	1.6	65.1	18.2	84	0.6	23.2	15.6	869	3.41	41.3	0.9	12.9	5.1	18	0.3	1.5	0.5	81	0.28	0.050
1364403	Soil	0.8	85.7	44.4	121	0.2	26.7	16.6	517	4.16	8.1	0.5	6.2	4.2	14	0.2	0.6	0.9	91	0.24	0.039
1364411	Soil	1.0	26.1	8.8	54	0.1	26.1	16.5	1047	2.55	7.1	0.7	6.6	2.8	39	0.1	0.6	0.2	58	0.64	0.066
1279356	Soil	1.8	75.4	32.1	111	1.2	47.0	24.0	4916	5.71	1197	1.1	56.6	9.4	20	0.4	10.1	0.4	86	0.52	0.049
1369279	Soil	1.4	24.4	11.0	61	0.2	22.8	8.6	279	2.71	8.4	0.8	3.6	1.7	20	0.1	0.3	0.2	59	0.19	0.046
1364419	Soil	1.1	43.1	12.7	83	<0.1	35.7	11.7	416	3.37	3.8	1.2	4.4	8.7	15	<0.1	0.3	0.2	63	0.22	0.038
1364418	Soil	1.6	28.4	11.2	54	0.2	25.6	10.7	436	2.44	4.1	1.0	13.7	4.0	22	0.1	0.4	0.1	54	0.29	0.030
1364405	Soil	0.8	17.8	15.6	68	0.5	19.3	10.6	372	2.63	11.6	0.7	7.2	2.3	16	0.3	0.5	0.2	67	0.22	0.047
1369276	Soil	1.0	27.7	9.9	60	0.1	23.0	8.3	219	2.61	5.4	1.0	1.9	2.3	21	<0.1	0.3	0.1	57	0.21	0.053
1364414	Soil	0.9	48.6	9.3	73	0.1	41.0	12.9	741	3.27	2.6	1.0	6.5	5.2	45	0.2	0.3	0.1	81	0.75	0.070
1364420	Soil	1.4	29.5	11.0	67	0.3	28.1	9.8	311	3.33	6.2	0.7	2.2	5.2	17	0.1	0.4	0.2	74	0.18	0.028
1364417	Soil	1.4	33.6	11.5	50	0.3	22.1	9.2	474	2.54	3.4	1.9	9.6	2.9	24	0.1	0.2	0.2	47	0.28	0.051
1364425	Soil	1.1	26.4	10.2	61	<0.1	23.4	8.7	276	2.71	6.7	1.0	4.2	2.5	19	0.1	0.5	0.1	61	0.22	0.048
1364424	Soil	1.0	28.8	9.8	61	<0.1	24.8	9.3	305	2.86	6.8	1.1	4.6	3.0	21	0.2	0.5	0.1	60	0.23	0.048
1364421	Soil	1.5	73.3	13.9	101	0.4	46.4	11.9	273	4.20	1.1	2.0	5.9	8.4	28	<0.1	0.3	0.2	62	0.36	0.062
1364415	Soil	1.1	25.7	10.2	43	<0.1	19.0	10.2	928	2.40	4.9	1.1	2.3	3.0	21	<0.1	0.3	0.1	58	0.27	0.028
1369277	Soil	1.3	24.1	9.2	64	0.1	24.6	9.9	319	2.66	6.2	1.1	4.0	3.3	21	0.1	0.4	0.1	53	0.24	0.053
1364423	Soil	1.2	28.9	11.3	60	<0.1	24.9	8.5	228	2.97	6.4	1.1	7.5	1.7	14	<0.1	0.3	0.2	59	0.12	0.058
1364416	Soil	1.1	21.6	9.3	46	<0.1	22.7	8.0	236	2.43	6.1	0.9	2.4	3.6	22	<0.1	0.4	0.1	59	0.25	0.019
1364422	Soil	0.8	54.1	8.5	83	<0.1	61.9	16.2	625	3.67	1.9	0.9	1.5	6.3	19	0.1	0.1	0.1	102	0.29	0.052
1369197	Soil	1.0	455.9	62.0	542	2.6	38.0	19.1	1089	4.60	427.0	0.8	58.7	4.6	17	2.5	16.1	5.8	90	0.31	0.042
1369192	Soil	1.2	44.0	11.1	70	0.1	30.6	11.0	507	3.25	8.8	6.3	11.9	5.6	28	0.1	0.7	0.2	60	0.34	0.063

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1364402	Soil	10	82	1.05	289	0.135	2	1.99	0.009	0.29	0.1	0.02	4.1	0.2	<0.05	6	<0.5	0.2
1364408	Soil	19	67	0.90	251	0.090	2	1.77	0.011	0.18	0.2	0.05	6.7	0.2	0.06	6	<0.5	<0.2
1364412	Soil	12	30	0.49	364	0.056	2	1.42	0.017	0.05	0.2	0.03	4.1	<0.1	<0.05	4	<0.5	<0.2
1366925	Soil	9	41	0.59	121	0.103	2	1.55	0.009	0.07	0.2	0.02	2.8	0.1	<0.05	7	<0.5	<0.2
1364404	Soil	12	65	0.89	138	0.113	<1	1.86	0.012	0.10	0.2	0.04	4.7	0.1	<0.05	7	<0.5	<0.2
1364406	Soil	11	50	0.69	179	0.076	2	1.62	0.011	0.06	0.2	0.04	4.3	0.2	<0.05	5	<0.5	<0.2
1364413	Soil	18	36	0.55	403	0.081	1	1.42	0.014	0.08	0.2	0.04	5.1	0.1	<0.05	4	0.6	<0.2
1366924	Soil	9	48	0.67	116	0.140	1	1.60	0.009	0.10	0.2	0.02	2.8	0.1	<0.05	8	<0.5	<0.2
1364407	Soil	15	73	0.88	255	0.101	<1	1.82	0.010	0.16	0.2	0.06	6.2	0.2	<0.05	6	<0.5	<0.2
1364403	Soil	9	110	1.39	279	0.183	<1	2.27	0.011	0.51	0.1	0.01	4.3	0.2	<0.05	7	<0.5	<0.2
1364411	Soil	14	29	0.49	334	0.065	2	1.29	0.020	0.06	0.3	0.03	3.7	<0.1	0.07	4	0.6	<0.2
1279356	Soil	32	103	1.47	896	0.101	1	2.14	0.006	0.32	0.2	0.05	18.1	0.3	<0.05	6	<0.5	<0.2
1369279	Soil	15	32	0.43	255	0.050	1	1.59	0.009	0.05	0.2	0.04	3.1	0.1	<0.05	5	<0.5	<0.2
1364419	Soil	28	45	0.80	371	0.117	<1	1.81	0.008	0.41	0.1	<0.01	4.7	0.2	<0.05	5	<0.5	<0.2
1364418	Soil	16	33	0.49	331	0.057	<1	1.43	0.008	0.09	0.1	0.03	3.5	<0.1	0.07	4	<0.5	<0.2
1364405	Soil	12	47	0.65	193	0.067	2	1.63	0.010	0.05	0.2	0.05	4.1	0.1	<0.05	5	<0.5	<0.2
1369276	Soil	16	32	0.49	239	0.059	<1	1.60	0.009	0.08	0.2	0.02	3.5	0.1	<0.05	4	<0.5	<0.2
1364414	Soil	22	63	1.24	748	0.161	<1	2.30	0.019	0.60	0.2	0.03	8.7	0.3	<0.05	8	<0.5	<0.2
1364420	Soil	17	41	0.62	243	0.077	<1	1.86	0.008	0.15	0.1	0.01	3.8	0.2	0.05	5	<0.5	<0.2
1364417	Soil	16	26	0.37	290	0.030	<1	1.34	0.008	0.10	<0.1	0.02	3.2	<0.1	<0.05	4	0.6	<0.2
1364425	Soil	16	34	0.51	249	0.063	1	1.58	0.008	0.06	0.1	0.01	4.0	0.1	<0.05	4	0.6	<0.2
1364424	Soil	17	34	0.53	270	0.066	<1	1.56	0.009	0.07	0.2	0.03	4.1	<0.1	<0.05	4	0.8	<0.2
1364421	Soil	38	49	0.76	367	0.080	1	1.72	0.008	0.36	<0.1	0.05	4.8	0.3	0.08	5	1.4	<0.2
1364415	Soil	14	29	0.41	490	0.059	<1	1.63	0.015	0.06	0.1	0.02	4.0	<0.1	<0.05	5	<0.5	<0.2
1369277	Soil	18	31	0.51	276	0.070	1	1.41	0.009	0.11	0.1	0.03	4.1	0.1	<0.05	4	0.7	<0.2
1364423	Soil	16	34	0.46	221	0.047	<1	1.60	0.006	0.07	0.1	0.03	3.3	0.1	<0.05	5	0.5	<0.2
1364416	Soil	12	40	0.53	260	0.063	<1	1.67	0.011	0.06	0.1	0.03	4.0	<0.1	<0.05	5	<0.5	<0.2
1364422	Soil	23	127	1.55	909	0.165	<1	2.74	0.014	0.75	0.1	0.01	9.3	0.2	<0.05	9	<0.5	<0.2
1369197	Soil	12	109	1.50	284	0.128	<1	2.34	0.011	0.40	0.3	0.02	8.4	0.5	<0.05	7	<0.5	<0.2
1369192	Soil	22	36	0.64	332	0.094	<1	1.63	0.013	0.12	0.2	0.05	4.8	0.1	<0.05	5	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1369199	Soil	1.1	249.4	123.9	364	0.9	35.0	21.1	811	4.72	553.2	0.7	35.8	4.9	13	1.2	16.9	0.5	95	0.19	0.031
1369280	Soil	0.9	21.9	9.6	60	0.2	26.8	9.0	337	2.35	4.5	0.9	3.8	3.2	28	<0.1	0.3	0.2	48	0.32	0.051
1369196	Soil	0.5	29.7	11.7	78	0.1	43.5	12.0	528	3.49	2.6	1.0	3.3	9.4	22	<0.1	0.2	0.2	52	0.32	0.046
1369194	Soil	0.3	29.6	19.6	89	<0.1	32.4	13.0	416	4.31	0.7	1.2	1.5	19.8	16	<0.1	0.1	0.3	53	0.19	0.036
1369200	Soil	1.8	225.7	212.5	427	1.2	33.6	18.4	1024	4.95	526.6	0.7	23.1	4.4	15	0.9	12.5	0.4	95	0.35	0.036
1369278	Soil	1.1	26.0	9.8	62	0.2	24.6	8.4	223	2.64	6.3	1.0	2.5	2.0	24	0.2	0.3	0.1	55	0.28	0.053
1369210	Soil	0.7	27.2	8.6	59	<0.1	24.4	13.6	396	2.97	9.4	0.7	4.0	4.6	14	<0.1	0.5	0.4	62	0.19	0.040
1369195	Soil	0.4	27.8	13.9	79	<0.1	28.2	13.4	429	3.94	3.4	1.2	2.7	14.5	17	<0.1	0.2	0.4	46	0.17	0.030
1369193	Soil	0.4	28.0	20.7	106	<0.1	38.0	17.5	511	4.67	2.5	1.0	0.7	13.4	10	<0.1	0.1	0.4	62	0.09	0.035
1369281	Soil	0.7	34.5	13.0	68	<0.1	26.6	11.4	477	3.06	6.6	1.2	4.2	8.8	27	<0.1	0.5	0.3	53	0.26	0.042
1369209	Soil	0.5	31.3	8.6	65	<0.1	26.4	13.4	461	2.88	8.1	0.8	3.0	4.8	22	<0.1	0.6	0.2	61	0.34	0.049
1369198	Soil	2.0	171.1	63.1	429	3.3	19.5	12.5	966	3.39	383.0	0.5	12.8	2.6	14	2.4	11.2	2.3	70	0.14	0.036
1369190	Soil	1.1	38.2	10.3	62	0.1	25.7	9.7	435	2.65	6.2	1.2	4.7	5.7	23	0.1	0.4	0.2	49	0.22	0.052
1369191	Soil	1.0	37.2	11.9	66	<0.1	26.4	10.2	382	3.00	5.5	1.4	2.9	6.8	23	<0.1	0.4	0.3	56	0.20	0.035
1369204	Soil	1.2	23.5	75.0	109	0.5	26.4	15.3	866	3.52	18.8	0.6	3.4	3.9	19	0.2	1.2	0.2	73	0.32	0.030
1369203	Soil	1.0	347.9	22.0	132	0.8	40.2	23.4	1173	5.32	65.8	0.9	8.5	6.2	14	0.3	0.8	0.2	103	0.52	0.070
1369216	Soil	0.8	29.4	10.5	68	<0.1	27.7	14.2	390	3.60	11.9	0.6	2.0	4.2	16	0.2	0.6	0.2	74	0.20	0.038
1369212	Soil	0.6	61.0	7.3	92	<0.1	30.0	17.3	623	4.14	5.8	0.6	3.3	5.5	15	0.1	0.4	0.2	85	0.19	0.018
1369202	Soil	1.5	82.5	32.4	92	0.8	25.4	13.3	452	3.52	32.4	0.7	3.7	3.4	18	0.1	1.2	0.3	79	0.27	0.024
1369219	Soil	1.0	285.6	27.0	135	2.0	32.9	17.5	859	3.93	43.0	1.7	8.4	4.8	26	0.8	0.9	0.4	86	0.72	0.062
1369215	Soil	1.0	26.6	9.5	60	0.2	23.0	12.1	415	3.04	9.5	0.7	2.9	4.0	19	0.1	0.4	0.3	65	0.23	0.051
1369214	Soil	0.5	44.3	7.8	69	<0.1	30.6	15.5	515	3.28	7.6	1.0	3.2	6.4	24	<0.1	0.5	0.1	71	0.31	0.034
1369220	Soil	1.3	72.6	18.1	118	0.3	34.0	18.3	930	4.26	127.2	0.8	11.7	4.4	18	0.2	1.0	0.3	83	0.42	0.047
1369221	Soil	1.8	24.4	30.2	78	0.4	12.8	5.8	307	2.04	37.4	0.4	2.5	2.0	21	0.6	0.7	0.4	62	0.28	0.019
1369218	Soil	1.0	214.2	11.0	98	0.1	44.8	28.2	1337	5.39	28.0	0.5	0.8	5.4	9	0.2	1.2	0.5	117	0.22	0.052
1369213	Soil	0.6	39.3	8.1	66	<0.1	24.9	13.2	493	3.17	6.9	0.7	3.7	4.7	18	<0.1	0.4	0.1	67	0.34	0.035
1369208	Soil	0.5	37.4	10.6	62	<0.1	24.2	12.1	376	3.04	7.9	1.1	2.6	4.4	22	<0.1	0.4	0.2	62	0.33	0.044
1369207	Soil	0.7	41.7	9.8	66	<0.1	27.2	12.3	427	3.06	9.9	1.0	2.9	5.4	26	<0.1	0.7	0.2	62	0.32	0.039
1369217	Soil	0.8	43.5	10.7	73	0.1	27.7	14.5	489	3.60	9.1	0.5	1.0	3.9	17	<0.1	0.5	0.1	80	0.25	0.023
1369211	Soil	0.7	17.4	7.6	64	<0.1	21.3	12.1	430	3.00	7.1	0.4	3.6	3.8	14	<0.1	0.4	0.1	72	0.19	0.029

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1369199	Soil	9	113	1.82	264	0.197	<1	3.46	0.009	0.46	0.4	0.04	5.6	0.6	<0.05	8	<0.5	<0.2
1369280	Soil	17	35	0.53	339	0.056	<1	1.37	0.011	0.11	0.2	0.04	3.5	0.1	<0.05	4	0.5	<0.2
1369196	Soil	34	62	1.09	276	0.178	<1	2.22	0.009	0.54	<0.1	0.02	4.9	0.4	<0.05	7	<0.5	<0.2
1369194	Soil	52	49	0.92	156	0.238	<1	2.73	0.009	0.86	<0.1	<0.01	5.7	0.6	<0.05	9	<0.5	<0.2
1369200	Soil	9	116	1.86	353	0.182	<1	3.04	0.008	0.53	0.6	0.02	6.5	0.5	<0.05	8	<0.5	<0.2
1369278	Soil	16	32	0.51	303	0.055	<1	1.63	0.009	0.07	0.2	0.05	3.4	0.1	<0.05	4	0.7	<0.2
1369210	Soil	12	49	0.84	174	0.108	3	2.02	0.009	0.12	0.2	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1369195	Soil	39	35	0.89	202	0.223	2	2.34	0.008	0.73	<0.1	0.01	4.5	0.5	<0.05	8	<0.5	<0.2
1369193	Soil	20	55	1.09	182	0.274	2	3.06	0.008	1.17	0.1	<0.01	6.8	0.7	<0.05	12	<0.5	<0.2
1369281	Soil	26	34	0.65	280	0.119	2	1.76	0.012	0.29	<0.1	0.03	5.1	0.2	<0.05	6	0.5	<0.2
1369209	Soil	12	57	0.99	255	0.126	2	1.68	0.012	0.19	0.2	0.02	4.4	0.2	<0.05	5	<0.5	<0.2
1369198	Soil	8	52	0.78	172	0.096	2	1.78	0.009	0.20	0.5	0.03	3.8	0.2	<0.05	7	<0.5	<0.2
1369190	Soil	21	31	0.55	290	0.098	1	1.31	0.009	0.21	0.1	0.02	3.8	0.2	<0.05	4	0.7	<0.2
1369191	Soil	23	34	0.64	323	0.102	<1	1.81	0.009	0.17	0.1	0.02	5.2	0.2	<0.05	6	0.6	<0.2
1369204	Soil	11	75	1.05	278	0.104	2	2.07	0.010	0.15	0.1	0.02	6.5	0.1	<0.05	7	<0.5	<0.2
1369203	Soil	11	135	2.20	350	0.210	<1	3.17	0.010	0.90	0.1	0.02	11.4	0.7	<0.05	10	<0.5	<0.2
1369216	Soil	9	63	0.97	199	0.135	1	2.49	0.010	0.14	0.2	0.02	3.9	0.2	<0.05	7	0.6	<0.2
1369212	Soil	11	96	1.69	190	0.200	1	2.87	0.009	0.51	0.1	0.02	5.0	0.4	<0.05	8	<0.5	<0.2
1369202	Soil	10	61	0.98	253	0.113	2	2.49	0.011	0.08	0.1	0.03	4.5	0.2	<0.05	8	<0.5	<0.2
1369219	Soil	29	101	1.44	447	0.116	2	2.63	0.010	0.30	0.2	0.07	18.2	0.2	<0.05	8	0.6	<0.2
1369215	Soil	11	49	0.82	228	0.104	2	2.11	0.010	0.07	0.2	0.03	3.8	0.1	<0.05	6	<0.5	<0.2
1369214	Soil	14	75	1.13	270	0.150	1	1.99	0.010	0.18	0.1	0.01	6.0	0.2	<0.05	6	<0.5	<0.2
1369220	Soil	10	98	1.59	375	0.175	<1	2.54	0.010	0.55	0.2	0.02	6.7	0.4	<0.05	7	<0.5	<0.2
1369221	Soil	8	39	0.55	159	0.126	2	1.16	0.011	0.10	0.2	<0.01	2.5	0.1	<0.05	6	<0.5	<0.2
1369218	Soil	7	152	2.28	385	0.209	1	3.91	0.012	0.84	0.2	<0.01	9.1	0.4	<0.05	11	<0.5	<0.2
1369213	Soil	12	66	1.09	204	0.141	<1	1.79	0.011	0.17	0.1	0.02	4.2	0.2	<0.05	6	<0.5	<0.2
1369208	Soil	14	57	1.03	258	0.128	<1	1.91	0.011	0.09	0.2	0.02	4.9	0.2	<0.05	6	0.7	<0.2
1369207	Soil	15	53	0.87	339	0.107	1	1.99	0.012	0.07	0.2	0.01	6.0	0.1	<0.05	6	<0.5	<0.2
1369217	Soil	8	83	1.34	221	0.162	1	2.51	0.011	0.21	0.2	0.01	4.7	0.1	<0.05	8	<0.5	<0.2
1369211	Soil	9	62	0.99	134	0.136	1	1.89	0.008	0.14	0.2	<0.01	3.0	0.1	<0.05	7	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1365216	Soil	0.7	26.1	24.5	63	1.1	14.5	6.3	249	2.07	120.9	0.7	12.9	2.2	18	0.2	4.2	0.6	53	0.26	0.028
1365210	Soil	0.7	66.4	17.3	85	0.4	26.6	14.5	523	3.48	10.5	0.6	4.1	4.5	18	0.1	0.5	0.2	72	0.26	0.041
1365215	Soil	0.8	42.7	35.4	110	1.1	24.4	14.7	741	3.25	277.6	0.8	10.9	2.2	25	0.3	5.8	0.2	75	0.55	0.047
1369206	Soil	1.2	54.9	12.3	99	0.2	23.4	16.3	527	3.46	13.6	0.5	3.9	5.0	15	0.2	0.8	0.7	73	0.18	0.032
1365218	Soil	1.5	75.7	21.9	103	<0.1	104.7	23.2	803	3.60	2.2	1.2	1.6	11.1	10	0.1	0.1	0.3	55	0.41	0.058
1365208	Soil	1.4	65.4	20.3	95	0.4	30.1	19.1	938	4.09	7.9	1.0	1.9	4.6	20	0.2	0.4	0.2	91	0.35	0.072
1370829	Soil	0.8	32.2	9.3	69	<0.1	24.3	8.8	343	2.61	7.4	0.7	3.4	4.1	29	0.1	0.6	0.1	53	0.31	0.057
1369205	Soil	0.9	40.8	9.4	67	0.1	31.3	15.3	515	3.69	19.9	0.4	2.3	3.9	12	0.1	0.5	0.2	81	0.16	0.027
1365219	Soil	0.5	23.1	18.0	88	<0.1	25.9	11.0	478	3.21	12.6	1.1	5.3	9.8	18	0.2	0.8	0.2	47	0.22	0.053
1365209	Soil	0.9	55.4	22.6	83	0.3	23.8	13.7	475	3.15	6.2	0.6	1.2	4.6	13	0.2	0.4	0.1	69	0.22	0.039
1365212	Soil	2.2	106.9	95.8	122	5.4	25.7	13.1	820	3.72	45.4	2.2	15.1	2.8	40	0.8	2.2	0.5	81	0.76	0.109
1365214	Soil	0.8	35.8	27.7	119	0.7	24.4	12.3	761	3.24	15.9	1.2	11.0	2.7	54	0.6	2.4	0.3	62	1.19	0.065
1365220	Soil	0.6	18.8	12.7	60	0.1	20.0	13.6	659	2.74	3.8	1.1	2.2	5.1	23	0.1	0.3	0.2	47	0.30	0.044
1365217	Soil	1.3	39.4	22.3	126	1.2	20.3	13.5	937	2.95	114.7	1.9	19.7	3.4	33	0.6	11.5	0.4	59	0.96	0.066
1365211	Soil	1.0	47.5	18.1	70	0.5	21.7	10.9	389	2.90	14.0	0.6	10.2	4.1	16	0.2	1.0	0.2	61	0.20	0.036
1365213	Soil	1.1	49.2	50.8	250	0.6	31.2	15.8	711	4.04	31.3	0.8	10.7	4.7	17	1.4	1.3	0.4	80	0.44	0.052
1370827	Soil	0.8	30.0	8.0	57	<0.1	27.3	8.8	230	2.44	4.3	0.8	3.4	2.3	15	<0.1	0.4	0.2	50	0.14	0.034
1370832	Soil	0.8	24.8	8.5	93	<0.1	25.9	8.8	341	2.92	4.9	0.7	<0.5	4.7	14	<0.1	0.5	0.1	49	0.34	0.057
1365225	Soil	0.6	31.4	9.0	61	<0.1	24.2	8.1	286	2.44	5.1	0.9	2.3	4.4	23	<0.1	0.5	0.2	47	0.24	0.034
1365221	Soil	0.7	20.5	12.0	56	0.1	20.3	9.1	294	2.69	7.4	0.9	<0.5	5.1	16	<0.1	0.3	0.3	53	0.15	0.051
1368092	Soil	1.1	29.8	9.5	64	<0.1	26.1	8.9	263	2.76	6.3	0.8	1.5	3.2	20	<0.1	0.5	0.2	54	0.21	0.041
1370833	Soil	1.0	42.1	45.0	98	0.4	32.6	24.9	1372	5.33	11.5	1.4	6.5	11.6	22	0.5	6.3	0.3	98	0.41	0.054
1370830	Soil	0.3	22.6	13.8	67	<0.1	23.6	11.8	392	2.91	1.9	1.1	<0.5	13.2	16	<0.1	0.1	0.1	27	0.14	0.035
1365223	Soil	0.8	51.2	11.2	77	<0.1	28.4	11.3	383	2.91	4.5	1.3	8.8	6.6	29	<0.1	0.3	0.2	55	0.25	0.072
1370826	Soil	1.0	34.5	9.8	60	<0.1	28.9	9.2	338	2.64	6.1	1.2	2.9	4.4	24	<0.1	0.4	0.1	51	0.25	0.043
1370836	Soil	1.0	136.1	54.8	317	1.1	45.2	25.0	1585	5.40	761.7	0.6	75.0	4.2	14	2.1	23.5	0.8	97	0.36	0.060
1370831	Soil	0.1	24.4	12.6	87	<0.1	29.4	12.9	562	3.97	1.6	1.0	0.5	17.3	18	<0.1	<0.1	0.3	45	0.28	0.056
1365222	Soil	1.5	30.8	10.0	62	<0.1	20.1	8.8	323	2.57	6.7	1.0	1.9	4.2	19	<0.1	0.4	0.1	52	0.19	0.040
1370828	Soil	1.2	36.7	11.1	72	0.1	30.4	10.2	395	2.85	8.2	0.8	2.4	4.1	29	0.2	0.7	0.1	58	0.35	0.062
1370835	Soil	1.2	22.2	21.8	88	0.5	19.6	8.9	351	2.64	208.0	0.6	27.1	1.2	18	0.3	5.5	0.5	62	0.24	0.035

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1365216	Soil	11	41	0.51	112	0.066	<1	1.40	0.010	0.06	0.2	0.04	3.4	0.1	<0.05	6	<0.5	<0.2
1365210	Soil	10	68	1.00	161	0.141	<1	2.24	0.010	0.17	0.2	0.03	4.1	0.2	<0.05	7	<0.5	<0.2
1365215	Soil	11	83	1.15	198	0.131	<1	2.05	0.009	0.31	0.1	0.03	5.0	0.2	<0.05	8	<0.5	<0.2
1369206	Soil	10	53	0.79	195	0.099	1	2.37	0.009	0.11	0.2	0.02	4.3	0.2	<0.05	7	<0.5	<0.2
1365218	Soil	40	62	1.33	612	0.064	<1	2.22	0.005	0.32	<0.1	0.01	6.1	0.4	<0.05	8	<0.5	<0.2
1365208	Soil	8	94	1.27	206	0.168	1	2.95	0.012	0.38	0.2	0.05	4.9	0.4	<0.05	9	0.5	<0.2
1370829	Soil	16	30	0.53	341	0.073	1	1.28	0.015	0.07	0.1	0.03	4.3	<0.1	<0.05	4	<0.5	<0.2
1369205	Soil	8	79	1.25	202	0.168	1	3.02	0.009	0.32	0.2	0.02	4.5	0.2	<0.05	7	<0.5	<0.2
1365219	Soil	29	35	0.65	268	0.127	<1	1.72	0.008	0.42	0.1	<0.01	4.6	0.3	<0.05	6	0.5	<0.2
1365209	Soil	8	76	1.10	115	0.172	<1	2.18	0.010	0.29	0.2	0.02	3.5	0.3	<0.05	7	<0.5	<0.2
1365212	Soil	14	67	0.60	295	0.059	2	2.82	0.014	0.21	0.2	0.21	10.4	0.2	0.10	7	1.0	<0.2
1365214	Soil	20	58	0.70	299	0.035	2	1.77	0.012	0.11	0.1	0.07	13.1	0.2	0.07	5	0.6	<0.2
1365220	Soil	32	29	0.54	194	0.086	2	1.69	0.009	0.19	<0.1	0.02	3.7	0.2	<0.05	6	<0.5	<0.2
1365217	Soil	23	48	0.68	231	0.054	2	1.53	0.011	0.15	0.2	0.10	10.0	0.2	<0.05	4	0.9	<0.2
1365211	Soil	10	42	0.60	142	0.070	2	1.84	0.010	0.07	0.2	0.04	3.7	0.1	<0.05	5	<0.5	<0.2
1365213	Soil	13	88	1.17	183	0.092	2	2.11	0.008	0.18	0.2	0.03	8.7	0.2	<0.05	7	0.8	<0.2
1370827	Soil	13	41	0.55	231	0.058	<1	1.46	0.008	0.07	0.1	0.02	3.8	<0.1	<0.05	4	1.0	<0.2
1370832	Soil	16	41	1.05	305	0.082	1	1.78	0.009	0.37	<0.1	<0.01	6.2	0.2	<0.05	7	0.5	<0.2
1365225	Soil	17	33	0.57	290	0.078	1	1.41	0.008	0.09	0.1	0.03	4.2	0.1	<0.05	4	<0.5	<0.2
1365221	Soil	20	29	0.50	184	0.077	2	1.81	0.007	0.12	0.2	0.01	3.8	0.1	<0.05	6	<0.5	<0.2
1368092	Soil	15	34	0.55	255	0.066	2	1.52	0.008	0.07	0.2	0.04	4.1	<0.1	<0.05	5	<0.5	<0.2
1370833	Soil	45	104	1.48	509	0.097	<1	2.08	0.009	0.33	0.2	0.03	20.7	0.2	<0.05	9	<0.5	<0.2
1370830	Soil	43	22	0.54	172	0.101	<1	1.55	0.007	0.59	<0.1	<0.01	3.6	0.3	<0.05	5	<0.5	<0.2
1365223	Soil	29	32	0.80	245	0.127	<1	1.69	0.009	0.56	0.1	0.02	4.0	0.2	<0.05	5	<0.5	<0.2
1370826	Soil	16	38	0.50	327	0.068	<1	1.39	0.010	0.11	<0.1	0.03	5.0	<0.1	<0.05	4	<0.5	<0.2
1370836	Soil	10	126	1.98	303	0.181	<1	2.98	0.006	0.70	0.2	<0.01	7.4	0.5	<0.05	8	<0.5	<0.2
1370831	Soil	53	41	0.88	205	0.228	<1	2.28	0.007	1.14	<0.1	0.01	6.1	0.6	<0.05	9	<0.5	<0.2
1365222	Soil	18	29	0.54	195	0.087	1	1.55	0.008	0.12	0.1	0.02	3.4	0.1	<0.05	4	0.6	<0.2
1370828	Soil	16	36	0.59	381	0.076	2	1.49	0.015	0.09	0.2	0.04	5.0	<0.1	<0.05	4	<0.5	<0.2
1370835	Soil	10	47	0.59	180	0.075	2	1.72	0.009	0.07	0.1	0.04	3.6	0.1	<0.05	6	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1370834	Soil	0.8	33.5	37.9	145	0.8	27.5	14.1	580	3.06	158.3	0.7	18.8	4.0	21	0.6	8.4	4.3	62	0.30	0.045
1365224	Soil	0.8	33.7	9.2	61	0.1	24.5	8.8	312	2.46	5.8	0.9	2.4	4.5	23	<0.1	0.4	0.3	49	0.25	0.041
1368077	Soil	0.9	32.2	15.4	72	0.4	21.6	10.5	372	2.71	11.2	0.5	6.9	2.4	14	0.1	0.4	0.2	65	0.20	0.033
1368082	Soil	0.8	36.0	23.6	91	0.3	23.9	17.7	732	4.66	32.1	1.0	7.5	11.1	16	0.3	3.4	0.3	98	0.38	0.038
1368086	Soil	1.1	34.8	9.4	62	0.1	24.4	10.3	316	2.51	4.2	1.8	5.4	4.8	23	<0.1	0.2	0.2	47	0.28	0.048
1368093	Soil	1.1	32.4	10.1	67	<0.1	28.0	8.8	268	2.82	6.3	0.9	3.2	2.7	22	<0.1	0.5	0.1	57	0.22	0.045
1370950	Soil	0.7	48.0	20.9	79	0.5	23.3	13.8	401	2.88	7.6	0.8	1.6	3.9	18	0.2	0.4	0.2	62	0.30	0.048
1368080	Soil	1.4	49.4	38.6	105	0.5	36.4	24.4	1109	5.12	281.0	0.6	32.8	4.9	13	0.4	4.0	0.2	99	0.40	0.064
1368088	Soil	0.8	29.0	8.8	53	<0.1	25.3	9.3	301	2.47	6.9	0.9	5.3	4.4	22	0.1	0.4	0.1	48	0.25	0.049
1368091	Soil	1.3	38.3	12.0	76	0.1	32.3	9.8	296	2.93	6.9	1.2	1.5	4.5	24	<0.1	0.5	0.2	56	0.29	0.052
1370949	Soil	0.6	37.6	8.4	64	0.1	23.6	12.1	316	2.62	4.7	1.0	3.3	5.0	18	0.2	0.5	<0.1	59	0.32	0.046
1368079	Soil	0.7	31.3	25.5	101	1.1	24.3	13.5	534	2.84	41.1	1.0	8.6	3.0	28	0.4	1.7	<0.1	60	0.70	0.055
1368087	Soil	1.1	28.8	10.0	58	0.1	26.5	8.8	316	2.47	6.7	1.1	4.1	3.2	26	<0.1	0.5	0.1	53	0.31	0.051
1368089	Soil	1.0	30.2	9.6	62	0.1	25.3	9.0	276	2.47	5.8	0.8	9.4	2.4	25	0.1	0.4	0.1	52	0.30	0.061
1370948	Soil	0.6	44.5	11.4	73	0.3	28.1	14.3	398	2.94	5.9	1.0	1.5	5.4	20	0.3	0.6	<0.1	66	0.33	0.042
1368078	Soil	1.4	60.1	30.9	222	0.9	26.8	18.5	1022	4.67	77.7	1.6	10.1	5.5	16	0.8	3.7	0.2	102	0.27	0.043
1368081	Soil	0.8	48.7	13.5	96	1.4	27.1	16.1	767	3.53	176.9	1.4	28.6	2.8	21	0.7	5.0	0.2	79	0.48	0.068
1368090	Soil	0.7	34.7	9.9	69	0.1	27.8	9.3	280	2.68	6.3	1.0	4.2	3.7	24	<0.1	0.5	0.1	55	0.26	0.047
1368098	Soil	1.0	47.9	10.6	70	<0.1	30.6	11.1	428	3.04	5.5	0.9	<0.5	5.1	29	<0.1	0.7	0.2	56	0.28	0.038
1368083	Soil	0.8	58.0	14.6	70	<0.1	27.7	16.2	745	3.06	2.2	0.8	<0.5	2.4	7	0.2	0.2	0.2	58	0.07	0.041
1368096	Soil	1.0	38.2	11.1	69	<0.1	33.1	13.5	451	3.01	8.1	1.1	1.2	4.9	27	<0.1	0.7	0.2	64	0.26	0.037
1370947	Soil	0.4	36.2	9.1	69	0.1	25.1	13.8	421	2.98	6.1	0.6	<0.5	4.3	18	<0.1	0.4	0.1	66	0.33	0.044
1368095	Soil	0.7	42.0	12.9	71	<0.1	39.8	14.4	519	3.23	4.8	0.9	1.2	8.6	26	<0.1	0.4	0.2	57	0.24	0.035
1368099	Soil	1.3	56.0	13.4	78	<0.1	29.1	14.4	552	3.12	3.3	1.5	1.8	6.3	28	0.1	0.3	0.2	59	0.21	0.038
1368084	Soil	0.4	20.5	13.4	73	<0.1	22.2	11.5	354	2.95	2.1	1.0	2.1	10.9	17	0.2	0.2	0.1	42	0.23	0.053
1368085	Soil	0.2	45.2	12.8	95	<0.1	36.2	15.1	383	4.11	<0.5	1.3	<0.5	17.7	17	<0.1	<0.1	0.3	42	0.29	0.057
1368094	Soil	0.7	48.0	13.8	77	<0.1	36.4	14.6	514	3.28	2.3	1.5	0.6	16.4	23	<0.1	0.3	0.2	39	0.24	0.034
1368097	Soil	1.2	48.2	10.8	74	<0.1	33.9	13.6	486	2.98	5.2	1.3	1.7	5.4	26	<0.1	0.5	0.1	57	0.23	0.036
1368100	Soil	0.2	32.1	16.5	84	<0.1	31.9	13.6	572	4.20	0.8	1.4	<0.5	17.6	22	<0.1	<0.1	0.2	36	0.21	0.038

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000195.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1370834	Soil	13	59	0.89	247	0.096	1	1.63	0.011	0.11	0.1	0.03	5.3	0.1	<0.05	4	<0.5	0.3
1365224	Soil	18	34	0.57	285	0.084	<1	1.41	0.009	0.12	0.1	0.04	4.6	0.1	<0.05	4	<0.5	<0.2
1368077	Soil	8	57	0.81	137	0.122	<1	1.84	0.009	0.15	0.2	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1368082	Soil	18	91	1.34	212	0.064	1	2.03	0.007	0.25	0.3	0.03	12.0	0.1	<0.05	8	<0.5	<0.2
1368086	Soil	21	29	0.63	214	0.091	<1	1.58	0.008	0.27	0.1	0.03	4.1	0.2	<0.05	5	<0.5	<0.2
1368093	Soil	16	35	0.55	272	0.070	<1	1.66	0.011	0.07	0.1	0.04	4.3	<0.1	<0.05	5	0.6	<0.2
1370950	Soil	11	62	0.89	193	0.119	1	2.01	0.010	0.13	0.1	0.04	4.1	0.2	<0.05	6	<0.5	<0.2
1368080	Soil	9	134	1.50	232	0.115	<1	2.36	0.011	0.70	0.1	0.02	12.6	0.3	<0.05	8	<0.5	<0.2
1368088	Soil	16	36	0.52	302	0.070	<1	1.42	0.010	0.11	<0.1	0.02	4.5	<0.1	<0.05	4	<0.5	<0.2
1368091	Soil	17	35	0.55	403	0.079	<1	1.51	0.011	0.08	0.1	0.03	4.5	0.2	<0.05	5	<0.5	<0.2
1370949	Soil	13	66	0.92	208	0.145	<1	1.72	0.011	0.22	0.2	0.03	3.6	0.2	<0.05	5	0.7	<0.2
1368079	Soil	14	76	0.93	177	0.072	<1	1.74	0.010	0.19	0.1	0.06	8.4	0.2	<0.05	6	<0.5	<0.2
1368087	Soil	17	35	0.52	296	0.065	<1	1.58	0.009	0.07	0.2	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
1368089	Soil	16	32	0.50	331	0.060	<1	1.40	0.011	0.06	0.1	0.04	4.0	<0.1	<0.05	4	<0.5	<0.2
1370948	Soil	14	76	0.99	244	0.148	<1	2.06	0.012	0.25	0.2	0.05	4.9	0.3	<0.05	6	0.5	<0.2
1368078	Soil	17	93	0.97	211	0.063	<1	1.98	0.008	0.26	0.2	0.03	13.0	0.2	<0.05	6	<0.5	<0.2
1368081	Soil	17	82	1.04	220	0.105	<1	1.96	0.011	0.27	0.2	0.07	9.7	0.2	<0.05	7	<0.5	<0.2
1368090	Soil	17	34	0.54	335	0.074	<1	1.48	0.011	0.08	0.1	0.03	4.3	0.1	<0.05	5	<0.5	<0.2
1368098	Soil	21	36	0.74	294	0.105	<1	1.74	0.010	0.22	0.1	0.03	4.8	0.2	<0.05	6	<0.5	<0.2
1368083	Soil	17	27	0.57	339	0.054	<1	1.80	0.007	0.29	<0.1	0.01	3.8	0.3	<0.05	6	<0.5	<0.2
1368096	Soil	20	45	0.65	382	0.070	2	1.82	0.011	0.08	0.2	0.03	7.5	0.1	<0.05	5	<0.5	<0.2
1370947	Soil	11	74	1.06	205	0.149	1	1.93	0.013	0.25	0.2	0.01	3.6	0.3	<0.05	5	<0.5	<0.2
1368095	Soil	26	49	0.75	397	0.119	<1	1.82	0.010	0.30	0.1	0.03	6.0	0.3	<0.05	5	<0.5	<0.2
1368099	Soil	29	36	1.12	318	0.165	<1	2.15	0.008	0.63	<0.1	0.01	4.9	0.3	<0.05	6	<0.5	<0.2
1368084	Soil	39	33	0.70	162	0.137	<1	1.82	0.007	0.39	0.1	0.02	3.9	0.3	<0.05	7	<0.5	<0.2
1368085	Soil	54	40	1.01	194	0.183	<1	2.19	0.007	0.90	<0.1	<0.01	4.2	0.6	<0.05	8	<0.5	<0.2
1368094	Soil	49	34	0.87	528	0.123	<1	1.84	0.010	0.50	<0.1	0.02	5.4	0.3	<0.05	5	<0.5	<0.2
1368097	Soil	22	34	0.72	311	0.092	<1	1.77	0.009	0.26	<0.1	0.03	6.2	0.2	<0.05	5	<0.5	<0.2
1368100	Soil	63	35	0.86	191	0.202	<1	2.14	0.006	0.82	<0.1	<0.01	3.9	0.5	<0.05	7	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

QUALITY CONTROL REPORT WHI13000195.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																					
1370778	Soil	0.5	33.6	28.6	100	0.4	25.1	13.7	399	3.14	11.4	0.6	4.9	4.5	16	0.2	0.6	0.2	72	0.30	0.039
REP 1370778	QC	0.7	33.2	27.6	96	0.4	25.4	12.9	380	2.92	10.7	0.6	4.1	4.3	16	0.3	0.7	0.2	70	0.29	0.039
1279207	Soil	0.9	27.4	69.2	199	0.2	21.7	11.6	435	3.28	38.5	0.6	64.0	2.2	14	0.5	1.7	0.4	86	0.20	0.034
REP 1279207	QC	0.9	26.8	68.8	189	0.1	20.0	10.7	429	3.17	38.2	0.6	11.0	2.4	13	0.4	1.7	0.5	86	0.20	0.033
1279392	Soil	1.1	43.4	15.3	114	0.2	28.1	24.3	896	5.77	6.4	1.3	51.8	17.7	15	0.1	0.7	0.2	158	0.39	0.043
REP 1279392	QC	0.7	43.4	16.0	119	0.2	29.4	23.5	905	5.62	7.2	1.3	42.5	17.9	15	0.2	0.8	0.2	161	0.37	0.041
1279399	Soil	1.2	29.6	12.3	70	0.2	25.9	14.4	474	2.95	5.9	0.8	4.1	3.5	21	0.3	0.4	0.1	70	0.39	0.059
REP 1279399	QC	1.0	28.3	11.7	68	0.2	24.6	12.9	430	2.69	6.6	0.7	1.4	3.3	21	0.2	0.5	0.1	67	0.38	0.056
1379216	Soil	0.5	23.3	16.1	68	<0.1	22.7	9.9	682	2.97	3.2	0.8	1.0	10.1	20	<0.1	0.3	0.2	45	0.25	0.037
REP 1379216	QC	0.5	22.8	15.9	65	<0.1	22.6	9.7	676	2.98	3.7	0.7	1.5	10.1	20	<0.1	0.3	0.2	44	0.26	0.036
1260729	Soil	1.8	57.9	80.6	145	0.4	38.4	20.8	1768	5.00	169.8	0.9	15.9	6.1	13	0.6	3.3	0.1	86	0.30	0.032
REP 1260729	QC	1.9	57.3	82.0	149	0.4	40.0	21.4	1798	4.95	174.2	0.9	15.2	6.0	13	0.5	3.3	0.1	84	0.31	0.032
1260731	Soil	0.7	167.7	163.5	310	0.7	36.5	19.6	700	4.38	188.1	0.3	11.0	3.0	13	1.0	2.6	0.5	87	0.35	0.044
REP 1260731	QC	0.6	161.8	158.1	304	0.6	34.4	18.8	717	4.37	185.5	0.3	15.7	3.1	13	1.0	2.4	0.5	85	0.35	0.038
1369124	Soil	0.7	33.8	66.9	135	0.2	31.7	17.1	821	3.91	48.6	0.6	17.1	4.9	16	0.4	1.9	0.3	78	0.25	0.026
REP 1369124	QC	0.8	33.4	64.5	133	0.3	31.1	16.6	822	3.82	48.2	0.5	30.0	4.5	16	0.3	1.7	0.3	75	0.26	0.026
1279375	Soil	1.9	61.6	13.3	63	<0.1	26.9	10.2	456	3.10	5.6	2.2	2.7	6.0	19	<0.1	0.4	0.2	64	0.08	0.028
REP 1279375	QC	2.2	59.1	13.8	64	<0.1	25.8	9.5	458	3.12	5.4	2.3	0.7	6.0	18	<0.1	0.4	0.3	64	0.08	0.029
1279379	Soil	0.3	25.1	15.8	81	<0.1	30.5	14.2	489	4.00	1.2	1.0	1.7	15.4	10	<0.1	0.1	0.2	45	0.08	0.025
REP 1279379	QC	0.4	25.9	14.7	79	<0.1	31.8	14.3	478	3.96	1.4	1.0	1.2	15.8	10	<0.1	<0.1	0.3	46	0.09	0.023
1364412	Soil	0.9	22.4	8.7	57	0.1	21.6	9.7	376	2.27	5.1	1.1	6.6	2.7	45	0.3	0.5	0.2	50	0.71	0.057
REP 1364412	QC	0.8	22.9	8.5	63	0.1	21.3	9.1	366	2.24	5.4	1.1	8.4	2.7	45	0.2	0.5	0.2	50	0.70	0.056
1364411	Soil	1.0	26.1	8.8	54	0.1	26.1	16.5	1047	2.55	7.1	0.7	6.6	2.8	39	0.1	0.6	0.2	58	0.64	0.066
REP 1364411	QC	1.2	26.2	9.0	55	<0.1	25.0	15.9	1036	2.53	7.2	0.7	3.8	2.8	39	<0.1	0.6	0.2	59	0.62	0.069
1369193	Soil	0.4	28.0	20.7	106	<0.1	38.0	17.5	511	4.67	2.5	1.0	0.7	13.4	10	<0.1	0.1	0.4	62	0.09	0.035
REP 1369193	QC	0.5	27.2	21.0	107	<0.1	37.9	17.5	523	4.70	2.4	1.0	0.6	13.5	11	<0.1	<0.1	0.4	65	0.09	0.033
1369216	Soil	0.8	29.4	10.5	68	<0.1	27.7	14.2	390	3.60	11.9	0.6	2.0	4.2	16	0.2	0.6	0.2	74	0.20	0.038
REP 1369216	QC	0.9	29.5	10.7	69	<0.1	29.1	14.5	407	3.65	11.7	0.6	2.0	4.1	16	<0.1	0.6	0.2	75	0.20	0.037

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

QUALITY CONTROL REPORT WHI13000195.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																		
1370778	Soil	12	76	0.99	173	0.150	1	2.00	0.011	0.20	0.2	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
REP 1370778	QC	12	75	0.95	166	0.152	<1	1.87	0.010	0.19	<0.1	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
1279207	Soil	12	70	0.79	138	0.099	1	1.77	0.008	0.19	0.1	0.02	5.1	0.2	<0.05	8	<0.5	<0.2
REP 1279207	QC	12	72	0.82	134	0.100	<1	1.77	0.009	0.20	0.1	0.02	5.3	0.2	<0.05	8	<0.5	<0.2
1279392	Soil	32	134	2.28	278	0.173	1	2.87	0.012	0.59	0.2	0.08	20.6	0.2	<0.05	13	<0.5	<0.2
REP 1279392	QC	32	138	2.34	281	0.177	1	2.99	0.012	0.62	0.1	0.13	22.1	0.3	<0.05	13	<0.5	<0.2
1279399	Soil	10	73	0.97	261	0.125	1	2.03	0.015	0.11	0.1	0.06	4.5	0.2	<0.05	6	<0.5	<0.2
REP 1279399	QC	11	68	0.93	259	0.122	<1	2.00	0.016	0.10	0.2	0.07	3.8	0.2	<0.05	6	<0.5	<0.2
1379216	Soil	35	34	0.62	199	0.129	<1	1.64	0.008	0.44	0.1	0.01	4.9	0.3	<0.05	7	<0.5	<0.2
REP 1379216	QC	34	34	0.61	196	0.131	<1	1.61	0.008	0.44	0.1	0.01	5.0	0.3	<0.05	7	<0.5	<0.2
1260729	Soil	14	106	1.15	313	0.104	<1	1.96	0.006	0.41	0.2	0.02	12.3	0.3	<0.05	6	<0.5	<0.2
REP 1260729	QC	14	103	1.15	321	0.107	<1	2.00	0.007	0.43	0.2	0.02	12.4	0.3	<0.05	6	<0.5	<0.2
1260731	Soil	6	104	1.92	308	0.202	<1	2.93	0.009	0.57	0.5	0.01	4.8	0.4	<0.05	7	<0.5	<0.2
REP 1260731	QC	5	102	1.86	306	0.201	<1	2.90	0.014	0.54	0.5	0.01	5.0	0.4	<0.05	8	<0.5	<0.2
1369124	Soil	11	79	1.08	187	0.093	<1	2.65	0.009	0.18	0.1	0.03	9.3	0.2	<0.05	7	<0.5	<0.2
REP 1369124	QC	11	78	1.05	176	0.090	<1	2.54	0.008	0.19	0.1	0.04	9.0	0.2	<0.05	7	<0.5	<0.2
1279375	Soil	25	38	0.72	149	0.095	1	2.15	0.008	0.26	0.1	0.03	5.2	0.2	<0.05	7	<0.5	<0.2
REP 1279375	QC	26	37	0.72	152	0.091	<1	2.15	0.007	0.25	<0.1	0.03	5.0	0.2	<0.05	6	<0.5	<0.2
1279379	Soil	44	43	0.88	134	0.234	<1	2.45	0.007	0.87	<0.1	<0.01	4.8	0.6	<0.05	8	<0.5	<0.2
REP 1279379	QC	44	44	0.85	135	0.231	1	2.60	0.007	0.83	<0.1	<0.01	4.8	0.6	<0.05	8	<0.5	<0.2
1364412	Soil	12	30	0.49	364	0.056	2	1.42	0.017	0.05	0.2	0.03	4.1	<0.1	<0.05	4	<0.5	<0.2
REP 1364412	QC	12	31	0.49	355	0.055	1	1.38	0.017	0.05	0.2	0.04	4.0	<0.1	<0.05	4	<0.5	<0.2
1364411	Soil	14	29	0.49	334	0.065	2	1.29	0.020	0.06	0.3	0.03	3.7	<0.1	0.07	4	0.6	<0.2
REP 1364411	QC	15	30	0.50	342	0.065	2	1.31	0.021	0.06	0.3	0.03	4.0	<0.1	<0.05	4	<0.5	<0.2
1369193	Soil	20	55	1.09	182	0.274	2	3.06	0.008	1.17	0.1	<0.01	6.8	0.7	<0.05	12	<0.5	<0.2
REP 1369193	QC	20	57	1.15	181	0.284	2	3.15	0.009	1.25	0.2	<0.01	6.9	0.7	<0.05	13	<0.5	<0.2
1369216	Soil	9	63	0.97	199	0.135	1	2.49	0.010	0.14	0.2	0.02	3.9	0.2	<0.05	7	0.6	<0.2
REP 1369216	QC	10	64	1.00	200	0.143	3	2.63	0.011	0.14	0.1	0.01	4.3	0.2	<0.05	7	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

QUALITY CONTROL REPORT WHI13000195.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1365211	Soil	1.0	47.5	18.1	70	0.5	21.7	10.9	389	2.90	14.0	0.6	10.2	4.1	16	0.2	1.0	0.2	61	0.20	0.036
REP 1365211	QC	1.0	45.9	18.0	65	0.4	22.5	11.3	389	2.84	13.6	0.6	3.9	4.0	16	0.2	1.0	0.2	59	0.20	0.035
1370830	Soil	0.3	22.6	13.8	67	<0.1	23.6	11.8	392	2.91	1.9	1.1	<0.5	13.2	16	<0.1	0.1	0.1	27	0.14	0.035
REP 1370830	QC	0.3	23.3	14.2	70	<0.1	24.4	11.8	400	2.97	1.7	1.1	<0.5	14.1	16	<0.1	0.1	0.2	27	0.15	0.036
1368100	Soil	0.2	32.1	16.5	84	<0.1	31.9	13.6	572	4.20	0.8	1.4	<0.5	17.6	22	<0.1	<0.1	0.2	36	0.21	0.038
REP 1368100	QC	0.2	32.9	16.8	90	<0.1	34.1	13.7	570	4.17	1.0	1.4	<0.5	17.8	22	<0.1	0.1	0.2	36	0.22	0.037
Reference Materials																					
STD DS9	Standard	12.4	111.7	129.1	317	1.9	40.7	7.6	560	2.24	23.9	2.8	114.7	6.2	67	2.3	6.2	6.3	42	0.65	0.083
STD DS9	Standard	14.2	111.3	129.5	329	1.9	43.0	8.6	638	2.38	25.3	2.7	107.1	6.6	71	2.5	5.9	6.8	49	0.77	0.082
STD DS9	Standard	14.5	112.2	134.2	307	1.8	43.3	8.3	634	2.42	24.9	2.7	118.4	6.6	72	2.6	5.9	6.7	47	0.77	0.080
STD DS9	Standard	13.8	110.3	128.9	312	1.6	42.0	8.4	630	2.42	31.4	2.6	102.9	6.3	69	2.4	5.9	6.4	45	0.72	0.076
STD DS9	Standard	13.4	100.6	126.9	308	1.8	37.4	7.0	545	2.22	24.9	2.8	119.8	6.4	73	2.2	5.9	6.1	40	0.68	0.080
STD DS9	Standard	12.7	104.0	118.0	325	1.8	38.9	7.4	579	2.26	25.2	2.5	120.1	6.0	72	2.3	5.9	6.2	41	0.70	0.079
STD DS9	Standard	12.1	102.6	118.3	313	1.9	38.1	6.9	548	2.18	25.1	2.6	117.4	6.0	67	2.3	5.4	6.5	38	0.70	0.080
STD DS9	Standard	13.3	110.6	135.4	314	1.7	41.3	7.8	605	2.39	26.2	2.9	111.6	6.9	78	2.6	6.1	6.9	41	0.73	0.083
STD DS9	Standard	11.6	101.8	120.6	299	1.7	36.8	7.2	538	2.18	24.0	2.5	100.1	5.4	67	2.3	5.9	5.7	37	0.67	0.080
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
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
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
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (CAL)
Report Date: August 15, 2013

QUALITY CONTROL REPORT WHI13000195.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1365211	Soil	10	42	0.60	142	0.070	2	1.84	0.010	0.07	0.2	0.04	3.7	0.1	<0.05	5	<0.5	<0.2
REP 1365211	QC	10	41	0.59	145	0.069	3	1.80	0.009	0.07	0.2	0.04	3.8	0.1	<0.05	5	0.8	<0.2
1370830	Soil	43	22	0.54	172	0.101	<1	1.55	0.007	0.59	<0.1	<0.01	3.6	0.3	<0.05	5	<0.5	<0.2
REP 1370830	QC	44	23	0.57	178	0.105	<1	1.56	0.007	0.60	<0.1	0.01	3.5	0.4	<0.05	5	<0.5	<0.2
1368100	Soil	63	35	0.86	191	0.202	<1	2.14	0.006	0.82	<0.1	<0.01	3.9	0.5	<0.05	7	<0.5	<0.2
REP 1368100	QC	64	34	0.87	200	0.196	<1	2.15	0.007	0.83	<0.1	0.01	4.1	0.5	<0.05	8	<0.5	<0.2
Reference Materials																		
STD DS9	Standard	12	123	0.60	286	0.108	2	0.88	0.072	0.37	2.9	0.19	2.2	5.2	0.19	4	5.1	5.4
STD DS9	Standard	15	130	0.63	299	0.124	2	0.94	0.082	0.39	3.0	0.19	2.5	5.4	0.15	5	4.6	5.6
STD DS9	Standard	14	130	0.64	300	0.124	3	1.00	0.095	0.38	3.2	0.25	2.6	5.1	0.13	5	4.8	4.3
STD DS9	Standard	14	127	0.62	293	0.122	3	0.95	0.079	0.38	3.0	0.19	2.4	5.4	0.15	4	4.1	4.6
STD DS9	Standard	14	112	0.60	307	0.107	2	0.92	0.077	0.38	2.8	0.17	2.3	5.1	0.11	5	4.9	4.3
STD DS9	Standard	14	114	0.62	310	0.105	1	0.90	0.085	0.39	2.9	0.21	2.4	5.1	0.13	5	5.1	4.9
STD DS9	Standard	13	107	0.58	286	0.110	3	0.86	0.083	0.39	2.9	0.19	2.5	5.1	0.15	4	5.5	4.5
STD DS9	Standard	14	119	0.64	311	0.118	3	0.96	0.085	0.39	3.0	0.19	2.4	5.2	0.15	5	4.8	5.5
STD DS9	Standard	11	112	0.58	277	0.097	3	0.87	0.069	0.38	3.1	0.21	2.0	5.0	0.12	4	6.1	5.0
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
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
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
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: July 25, 2013
Report Date: August 15, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI13000211.1

CLIENT JOB INFORMATION

Project: Fiftymile (NIN)
Shipment ID: FIF-Soil2013-001
P.O. Number
Number of Samples: 6

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	6	Dry at 60C			WHI
SS80	6	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	6	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000211.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1365170	Soil	1.2	58.3	42.6	128	0.4	30.6	14.5	590	3.26	52.3	0.6	9.8	4.4	35	0.6	2.9	0.7	72	0.65	0.058
1365169	Soil	11.9	86.3	59.1	741	0.5	57.7	26.1	1678	5.98	2.6	1.0	3.3	9.9	11	1.3	0.4	0.2	139	0.51	0.042
1369048	Soil	0.5	18.4	6.5	45	<0.1	18.1	11.0	409	3.02	5.1	1.1	1.5	8.9	18	<0.1	0.6	<0.1	60	0.28	0.023
1369050	Soil	2.3	95.5	17.3	89	<0.1	41.7	24.0	809	6.01	11.6	1.2	2.0	9.2	29	0.2	25.6	0.2	121	0.47	0.033
1365167	Soil	1.8	36.0	17.4	70	<0.1	27.8	13.5	408	3.47	14.5	0.7	2.8	5.2	30	0.2	7.4	0.1	80	0.49	0.025
1365168	Soil	24.0	126.3	11.5	56	<0.1	37.3	21.4	447	4.41	2.8	1.0	2.4	7.6	13	<0.1	0.7	0.8	78	0.26	0.033

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

CERTIFICATE OF ANALYSIS WHI13000211.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1365170	Soil	13	66	0.97	243	0.123	<1	2.08	0.028	0.12	0.5	0.04	6.1	<0.1	<0.05	6	1.0	<0.2
1365169	Soil	26	221	3.32	580	0.192	<1	3.65	0.011	0.79	0.1	0.03	21.9	0.4	<0.05	12	<0.5	<0.2
1369048	Soil	44	31	0.84	278	0.100	<1	1.75	0.012	0.15	0.1	0.02	7.6	0.1	<0.05	6	<0.5	<0.2
1369050	Soil	17	193	2.28	328	0.089	<1	3.62	0.011	0.16	<0.1	0.02	16.8	0.1	<0.05	11	<0.5	<0.2
1365167	Soil	10	81	1.01	357	0.118	<1	2.06	0.016	0.07	0.2	0.03	6.1	<0.1	<0.05	7	<0.5	<0.2
1365168	Soil	15	128	1.22	123	0.010	<1	2.17	0.010	0.20	<0.1	0.02	11.8	0.1	<0.05	7	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

QUALITY CONTROL REPORT WHI13000211.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																					
1365168	Soil	24.0	126.3	11.5	56	<0.1	37.3	21.4	447	4.41	2.8	1.0	2.4	7.6	13	<0.1	0.7	0.8	78	0.26	0.033
REP 1365168	QC	23.9	126.9	11.5	56	<0.1	38.3	21.0	444	4.50	2.8	1.0	2.5	7.5	14	<0.1	1.0	0.8	78	0.27	0.035
Reference Materials																					
STD DS9	Standard	13.4	110.2	124.3	308	1.7	39.0	7.7	613	2.38	25.3	2.7	108.9	6.3	81	2.2	6.1	6.1	42	0.73	0.082
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: **Rasool Mohammad**
701-675 West Hastings Street
Vancouver BC V6B 1N2 CANADA

Project: Fiftymile (NIN)
Report Date: August 15, 2013

QUALITY CONTROL REPORT WHI13000211.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																		
1365168	Soil	15	128	1.22	123	0.010	<1	2.17	0.010	0.20	<0.1	0.02	11.8	0.1	<0.05	7	<0.5	<0.2
REP 1365168	QC	16	130	1.20	127	0.010	<1	2.14	0.009	0.21	<0.1	0.02	12.4	0.1	<0.05	7	<0.5	<0.2
Reference Materials																		
STD DS9	Standard	15	123	0.63	311	0.121	3	0.95	0.094	0.40	2.8	0.21	2.7	5.1	0.15	5	5.6	5.2
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: September 27, 2013
Report Date: October 08, 2013
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI13000462.1

CLIENT JOB INFORMATION

Project: NIN
Shipment ID: NINSOIL13-001
P.O. Number
Number of Samples: 120

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	120	Dry at 60C			WHI
SS80	116	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	120	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 08, 2013

CERTIFICATE OF ANALYSIS WHI13000462.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336514	Soil	1.1	45.4	16.1	92	0.1	36.5	13.9	463	4.42	5.3	2.2	6.0	10.6	21	0.1	0.4	0.2	60	0.27	0.042
1336524	Soil	0.2	32.9	20.6	101	<0.1	34.2	14.5	426	5.44	6.3	1.3	4.0	17.9	18	<0.1	0.3	0.3	42	0.22	0.045
1336522	Soil	0.5	25.0	15.5	78	<0.1	28.8	12.9	378	4.46	5.5	1.1	2.7	12.7	15	<0.1	0.3	0.2	48	0.20	0.032
1336523	Soil	0.4	26.5	17.4	79	<0.1	29.4	13.2	417	4.55	6.6	1.2	1.2	13.6	13	<0.1	0.4	0.2	47	0.20	0.032
1336520	Soil	0.4	24.3	13.4	77	<0.1	29.0	12.8	379	4.50	6.7	0.9	2.9	9.4	15	<0.1	0.4	0.2	54	0.22	0.035
1336521	Soil	0.6	23.0	16.4	79	<0.1	26.1	12.4	383	4.15	8.2	1.0	3.7	8.9	14	<0.1	0.4	0.2	49	0.20	0.038
1336525	Soil	0.4	28.0	21.3	100	<0.1	35.6	16.7	490	5.65	4.6	1.3	<0.5	17.7	16	<0.1	0.2	0.2	39	0.21	0.046
1336517	Soil	0.6	28.3	14.0	85	<0.1	34.7	14.6	418	4.93	4.0	1.2	0.7	12.0	17	<0.1	0.2	0.2	54	0.24	0.040
1336519	Soil	0.6	25.8	14.7	82	<0.1	33.2	14.5	410	4.79	6.0	1.0	1.1	12.6	17	<0.1	0.3	0.2	59	0.25	0.033
1336515	Soil	0.7	39.1	15.6	92	<0.1	32.5	15.0	437	4.89	3.9	1.3	1.3	11.9	17	0.1	0.2	0.2	56	0.20	0.035
1336518	Soil	0.6	32.2	15.1	96	<0.1	36.3	16.0	592	5.06	4.9	1.2	2.3	13.2	18	0.2	0.3	0.2	56	0.27	0.045
1336516	Soil	0.9	36.2	13.5	89	<0.1	34.8	16.8	393	5.38	4.5	1.0	1.4	8.4	21	<0.1	0.2	0.2	83	0.28	0.067
1336538	Soil	0.7	35.6	13.8	84	<0.1	33.8	14.3	385	4.61	5.2	1.2	3.4	11.3	15	<0.1	0.3	0.2	58	0.21	0.034
1336501	Rock Pulp	1.5	600.9	22.0	75	0.3	302.9	100.5	1062	25.20	3.7	1.1	45.1	8.0	16	<0.1	0.3	0.1	246	0.44	0.040
1336505	Soil	0.6	12.4	11.1	43	<0.1	14.4	6.0	181	2.39	4.6	0.5	8.7	2.5	12	<0.1	0.3	0.1	48	0.14	0.021
1336506	Soil	0.3	28.3	12.2	94	<0.1	36.4	16.1	622	5.72	3.1	1.2	1.7	16.9	13	<0.1	0.2	0.2	49	0.23	0.035
1336504	Soil	0.5	26.5	16.2	80	<0.1	31.4	13.4	479	4.63	4.5	1.3	2.3	11.4	17	<0.1	0.3	0.2	49	0.23	0.038
1336503	Soil	0.4	32.9	14.0	86	<0.1	33.4	14.2	459	5.33	2.9	1.4	1.5	14.9	16	<0.1	0.3	0.2	52	0.24	0.037
1336507	Soil	0.7	25.6	13.5	73	<0.1	28.9	12.4	412	4.25	5.8	1.0	2.7	10.0	17	0.1	0.4	0.1	54	0.25	0.038
1336508	Soil	0.6	23.1	12.5	67	<0.1	25.5	11.1	332	4.08	6.8	1.0	2.9	6.7	19	<0.1	0.4	0.2	56	0.25	0.044
1336511	Soil	0.7	35.5	18.1	96	<0.1	40.7	19.0	711	5.66	2.0	1.2	1.6	15.7	16	<0.1	0.1	0.2	60	0.20	0.031
1336513	Soil	1.4	33.5	15.6	52	<0.1	19.2	7.6	189	3.86	5.0	1.1	1.9	3.2	16	0.1	0.3	0.2	59	0.15	0.053
1336502	Soil	0.4	28.3	16.5	87	<0.1	33.7	16.3	445	5.34	2.7	1.3	0.8	14.7	10	<0.1	0.2	0.2	50	0.13	0.027
1336512	Soil	1.2	19.5	13.8	56	<0.1	20.7	8.8	269	3.92	4.9	0.6	2.1	5.5	13	0.1	0.3	0.2	59	0.14	0.028
1336510	Soil	0.6	23.9	13.6	77	<0.1	31.0	12.5	347	4.57	6.8	0.8	2.0	11.8	16	<0.1	0.3	0.2	59	0.22	0.045
1336509	Soil	0.4	30.4	15.7	86	0.2	31.3	13.1	666	4.94	6.0	1.5	3.3	13.2	28	<0.1	0.4	0.2	62	0.60	0.055
1336535	Soil	0.8	29.9	11.6	81	<0.1	30.2	13.1	405	4.35	4.4	1.0	8.4	9.9	17	<0.1	0.2	0.2	55	0.25	0.042
1336534	Soil	0.6	27.0	13.4	79	<0.1	30.8	12.6	437	4.31	4.5	1.3	2.9	11.2	19	<0.1	0.3	0.2	53	0.27	0.042
1336536	Soil	0.5	29.7	13.4	91	<0.1	36.0	15.4	483	4.93	3.0	1.1	3.1	13.8	17	<0.1	0.2	0.2	53	0.22	0.035
1336533	Soil	0.7	20.2	12.2	68	<0.1	24.3	10.9	343	3.78	5.6	0.8	5.5	7.5	18	<0.1	0.2	0.1	55	0.25	0.036

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 08, 2013

CERTIFICATE OF ANALYSIS WHI13000462.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1336514	Soil	39	39	0.89	219	0.146	5	2.34	0.011	0.40	0.2	0.04	6.5	0.3	<0.05	7	<0.5	<0.2
1336524	Soil	53	39	1.00	281	0.248	<1	2.57	0.007	1.03	<0.1	0.01	5.0	0.8	<0.05	8	<0.5	<0.2
1336522	Soil	43	38	0.78	198	0.200	<1	2.27	0.011	0.58	0.1	0.01	4.9	0.5	<0.05	7	<0.5	<0.2
1336523	Soil	45	38	0.81	228	0.202	2	2.19	0.009	0.55	<0.1	<0.01	5.0	0.4	<0.05	7	<0.5	<0.2
1336520	Soil	32	41	0.77	175	0.203	2	2.08	0.012	0.39	0.1	0.01	4.6	0.3	<0.05	7	<0.5	<0.2
1336521	Soil	38	37	0.73	173	0.182	<1	2.09	0.009	0.41	<0.1	0.02	4.3	0.3	<0.05	7	<0.5	<0.2
1336525	Soil	51	40	1.04	258	0.265	<1	2.44	0.007	1.16	<0.1	0.01	5.2	0.7	<0.05	8	<0.5	<0.2
1336517	Soil	45	43	0.83	217	0.203	2	2.38	0.009	0.55	<0.1	0.01	5.6	0.4	<0.05	8	<0.5	<0.2
1336519	Soil	39	45	0.82	204	0.190	2	2.62	0.011	0.43	<0.1	0.02	5.9	0.4	<0.05	8	<0.5	<0.2
1336515	Soil	42	41	0.91	190	0.182	<1	2.50	0.009	0.48	<0.1	0.02	5.1	0.4	<0.05	8	<0.5	<0.2
1336518	Soil	47	42	0.87	248	0.214	2	2.42	0.010	0.62	0.1	0.02	6.1	0.4	<0.05	8	<0.5	<0.2
1336516	Soil	26	41	1.22	192	0.177	<1	2.92	0.011	0.50	0.1	0.01	5.3	0.4	<0.05	9	<0.5	<0.2
1336538	Soil	30	41	0.92	186	0.189	2	2.57	0.009	0.55	0.1	0.02	4.8	0.4	<0.05	7	<0.5	<0.2
1336501	Rock Pulp	19	860	0.19	176	0.208	5	4.76	0.012	0.07	<0.1	0.04	50.4	<0.1	<0.05	22	0.9	<0.2
1336505	Soil	15	23	0.44	106	0.099	<1	1.66	0.016	0.15	0.1	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
1336506	Soil	54	46	1.18	220	0.303	1	2.54	0.008	0.92	<0.1	<0.01	5.3	0.7	<0.05	8	<0.5	<0.2
1336504	Soil	50	37	0.80	223	0.201	2	2.19	0.009	0.56	<0.1	0.02	4.9	0.4	<0.05	7	<0.5	<0.2
1336503	Soil	50	46	0.98	288	0.263	<1	2.36	0.007	0.78	<0.1	0.01	6.5	0.5	<0.05	8	<0.5	<0.2
1336507	Soil	39	40	0.74	201	0.176	2	2.08	0.010	0.38	0.1	0.02	5.5	0.3	<0.05	7	0.6	<0.2
1336508	Soil	31	36	0.65	206	0.138	1	2.06	0.013	0.26	0.1	0.03	4.9	0.2	<0.05	6	<0.5	<0.2
1336511	Soil	52	43	1.15	213	0.248	<1	2.59	0.011	0.79	0.1	0.02	5.4	0.6	<0.05	8	<0.5	<0.2
1336513	Soil	21	32	0.51	169	0.102	2	1.94	0.008	0.22	<0.1	0.02	3.2	0.2	<0.05	8	0.5	<0.2
1336502	Soil	40	43	0.87	181	0.253	2	2.41	0.008	0.82	<0.1	<0.01	4.9	0.6	<0.05	8	<0.5	<0.2
1336512	Soil	21	30	0.57	133	0.116	2	1.98	0.008	0.27	<0.1	0.02	3.1	0.2	<0.05	7	<0.5	<0.2
1336510	Soil	35	40	0.75	230	0.157	2	2.57	0.010	0.36	0.1	0.02	5.1	0.4	<0.05	7	<0.5	<0.2
1336509	Soil	47	46	0.84	240	0.193	<1	2.27	0.018	0.35	0.1	0.04	6.8	0.4	<0.05	9	<0.5	<0.2
1336535	Soil	30	37	0.78	225	0.166	1	2.02	0.012	0.40	0.1	0.02	4.8	0.3	<0.05	7	<0.5	<0.2
1336534	Soil	38	38	0.77	229	0.174	<1	2.25	0.009	0.40	<0.1	0.02	6.0	0.3	<0.05	7	<0.5	<0.2
1336536	Soil	46	43	0.90	264	0.205	2	2.42	0.007	0.63	<0.1	0.01	5.8	0.5	<0.05	8	<0.5	<0.2
1336533	Soil	24	34	0.62	197	0.138	1	1.92	0.010	0.21	0.1	0.02	4.5	0.2	<0.05	6	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 08, 2013

CERTIFICATE OF ANALYSIS WHI13000462.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1336532	Soil	0.5	22.1	11.8	68	<0.1	25.6	11.3	407	4.03	5.4	1.2	2.4	9.9	19	<0.1	0.3	0.2	50	0.30	0.043
1336531	Soil	0.3	21.4	13.3	75	<0.1	25.5	10.4	347	4.16	5.5	0.9	1.7	11.4	19	<0.1	0.4	0.1	52	0.28	0.039
1336537	Soil	0.9	29.5	12.8	86	<0.1	29.8	14.1	433	4.54	4.4	1.1	2.7	10.4	17	<0.1	0.2	0.2	57	0.23	0.037
1336529	Soil	0.4	18.5	13.5	67	<0.1	23.4	9.6	319	3.45	7.8	0.9	8.4	9.0	17	<0.1	0.4	0.1	48	0.26	0.035
1336530	Soil	0.7	21.1	14.1	75	<0.1	26.4	10.9	327	4.16	7.0	0.9	2.5	7.9	16	0.2	0.4	0.2	55	0.23	0.038
1336527	Soil	0.4	24.0	15.6	79	<0.1	30.3	12.1	389	4.38	7.3	1.0	0.9	14.0	15	<0.1	3.3	0.2	49	0.24	0.040
1336528	Soil	0.4	36.7	20.5	88	<0.1	35.9	12.2	379	4.08	46.4	1.5	3.5	14.5	23	<0.1	37.1	0.5	61	0.30	0.053
1336526	Soil	0.2	24.7	30.2	90	<0.1	28.5	12.6	543	3.72	10.4	1.4	1.4	16.3	16	<0.1	0.8	0.3	35	0.25	0.049
1337017	Soil	0.6	30.2	18.7	81	<0.1	32.2	14.7	569	4.02	3.4	1.2	4.3	14.5	14	<0.1	0.3	0.3	56	0.13	0.027
1337005	Soil	0.5	26.9	10.7	77	<0.1	30.9	13.7	443	3.87	4.2	1.3	2.9	11.3	15	<0.1	0.3	0.3	56	0.17	0.030
1337013	Soil	1.1	54.6	15.9	109	<0.1	50.1	15.8	661	3.92	1.9	1.9	<0.5	11.3	11	<0.1	0.1	0.2	71	0.08	0.027
1337022	Soil	0.3	29.7	14.1	87	<0.1	30.7	14.5	485	3.94	2.3	1.4	3.0	12.7	16	0.2	0.2	0.3	47	0.29	0.042
1337001	Rock Pulp	2.4	23.4	2.3	41	0.2	20.7	9.3	376	2.36	4.3	0.3	3.8	0.9	39	0.1	0.3	<0.1	66	0.81	0.060
1337008	Soil	0.9	29.5	11.6	74	0.1	30.3	11.5	375	3.35	6.3	1.0	8.7	7.0	14	0.1	0.4	0.2	70	0.13	0.027
1337026	Soil	0.7	24.8	11.3	80	<0.1	31.3	14.0	453	3.75	5.6	0.8	1.5	9.4	12	0.1	0.3	0.2	50	0.13	0.036
1337003	Soil	0.6	33.0	11.3	98	<0.1	36.9	13.2	520	4.05	1.3	1.6	<0.5	11.8	14	0.1	0.1	0.2	64	0.15	0.030
1337024	Soil	0.6	25.8	10.9	72	<0.1	28.1	13.7	536	3.80	3.9	1.0	1.7	10.0	15	<0.1	0.3	0.2	52	0.15	0.033
1337007	Soil	1.3	46.7	14.8	96	<0.1	45.3	14.0	444	4.14	2.3	1.6	<0.5	9.2	7	<0.1	0.2	0.3	49	0.04	0.028
1337023	Soil	0.4	25.1	13.8	75	<0.1	29.1	12.8	450	3.78	5.3	1.1	1.0	10.6	13	0.1	0.3	0.2	54	0.15	0.030
1337009	Soil	0.6	29.4	9.5	73	<0.1	29.1	11.6	407	3.34	5.6	1.1	2.7	8.1	21	<0.1	0.4	0.5	49	0.26	0.047
1337002	Soil	0.5	26.7	11.4	76	<0.1	28.9	11.7	376	3.43	4.4	1.1	<0.5	10.1	14	<0.1	0.2	0.2	47	0.15	0.028
1337010	Soil	0.8	29.7	9.9	76	0.1	32.0	11.9	388	3.69	6.6	1.2	1.4	8.7	17	0.1	0.4	0.2	60	0.18	0.021
1337014	Soil	1.5	76.1	16.7	187	<0.1	65.5	16.3	537	4.28	1.9	2.3	<0.5	9.5	20	0.4	0.2	0.3	150	0.12	0.052
1337020	Soil	0.8	22.6	10.4	77	<0.1	28.1	13.5	398	4.10	7.0	1.1	1.2	10.0	12	0.2	0.4	0.2	55	0.14	0.034
1337006	Soil	0.6	33.0	12.6	73	<0.1	33.3	12.3	351	3.79	3.4	1.2	<0.5	11.9	11	<0.1	0.2	0.2	54	0.11	0.021
1337019	Soil	0.4	39.8	28.2	88	<0.1	33.7	16.3	679	4.67	3.5	1.1	1.2	14.9	11	<0.1	0.3	0.3	52	0.10	0.025
1337016	Soil	1.0	42.2	14.2	110	<0.1	40.7	13.3	386	3.62	3.1	1.3	<0.5	12.6	12	0.2	0.2	0.2	52	0.12	0.028
1337015	Soil	1.5	71.7	15.9	207	<0.1	66.7	12.9	408	5.32	3.3	1.7	<0.5	7.5	17	0.2	0.2	0.3	203	0.08	0.037
1337021	Soil	0.6	29.0	14.1	79	<0.1	31.7	14.4	498	4.36	5.4	1.3	0.8	11.5	13	0.1	0.3	0.2	53	0.15	0.034
1337018	Soil	0.6	16.9	11.8	51	0.1	19.9	7.7	208	3.15	3.8	0.7	<0.5	7.5	10	<0.1	0.3	0.2	49	0.08	0.025

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 08, 2013

CERTIFICATE OF ANALYSIS WHI13000462.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1336532	Soil	32	36	0.64	225	0.159	1	1.87	0.011	0.30	0.1	0.02	5.2	0.3	<0.05	6	<0.5	<0.2
1336531	Soil	35	39	0.73	207	0.180	1	2.02	0.012	0.38	0.1	0.01	5.0	0.4	<0.05	7	<0.5	<0.2
1336537	Soil	36	39	0.82	226	0.171	<1	2.25	0.010	0.41	0.1	<0.01	5.2	0.3	<0.05	7	<0.5	<0.2
1336529	Soil	29	34	0.63	226	0.139	1	1.87	0.009	0.21	0.1	0.02	4.6	0.2	<0.05	6	<0.5	<0.2
1336530	Soil	30	37	0.68	183	0.162	2	2.14	0.011	0.32	0.1	0.02	4.6	0.3	<0.05	7	<0.5	<0.2
1336527	Soil	42	36	0.73	210	0.186	2	2.18	0.009	0.64	<0.1	0.02	4.8	0.4	<0.05	7	<0.5	<0.2
1336528	Soil	39	49	0.73	233	0.147	<1	2.01	0.009	0.62	0.2	0.02	6.8	0.4	<0.05	7	<0.5	<0.2
1336526	Soil	54	30	0.71	213	0.142	<1	1.89	0.007	0.66	<0.1	<0.01	4.3	0.4	<0.05	6	0.5	<0.2
1337017	Soil	49	40	0.86	244	0.163	<1	2.45	0.007	0.51	<0.1	<0.01	7.2	0.5	<0.05	7	<0.5	<0.2
1337005	Soil	39	38	0.84	253	0.181	<1	2.06	0.009	0.45	0.2	0.01	5.6	0.4	<0.05	7	<0.5	<0.2
1337013	Soil	55	48	1.26	293	0.186	<1	2.88	0.010	0.64	<0.1	<0.01	6.4	0.5	<0.05	8	1.0	<0.2
1337022	Soil	42	35	0.77	213	0.189	<1	2.02	0.009	0.54	0.1	<0.01	4.7	0.4	<0.05	6	<0.5	<0.2
1337001	Rock Pulp	4	28	0.79	97	0.107	1	1.54	0.069	0.13	12.2	0.01	4.8	<0.1	<0.05	5	<0.5	<0.2
1337008	Soil	31	35	0.75	178	0.114	<1	1.99	0.008	0.22	0.1	0.01	3.7	0.2	<0.05	6	<0.5	<0.2
1337026	Soil	23	37	0.80	180	0.157	<1	2.15	0.007	0.41	0.1	0.02	4.0	0.3	<0.05	7	0.7	<0.2
1337003	Soil	41	46	1.04	298	0.240	<1	2.32	0.007	0.83	<0.1	<0.01	5.8	0.6	<0.05	7	<0.5	<0.2
1337024	Soil	30	32	0.76	226	0.172	<1	1.93	0.010	0.44	<0.1	0.01	4.6	0.4	<0.05	6	<0.5	<0.2
1337007	Soil	25	30	0.62	139	0.077	<1	1.81	0.005	0.46	<0.1	<0.01	3.2	0.4	<0.05	5	<0.5	<0.2
1337023	Soil	31	34	0.78	192	0.157	<1	2.24	0.007	0.37	0.1	0.01	4.4	0.3	<0.05	7	<0.5	<0.2
1337009	Soil	25	34	0.71	279	0.130	<1	1.72	0.010	0.34	<0.1	<0.01	4.8	0.3	<0.05	5	<0.5	<0.2
1337002	Soil	32	34	0.80	216	0.172	<1	1.95	0.008	0.45	<0.1	0.01	4.2	0.4	<0.05	6	<0.5	<0.2
1337010	Soil	30	40	0.82	231	0.138	<1	2.38	0.010	0.28	0.1	<0.01	5.4	0.3	<0.05	7	<0.5	<0.2
1337014	Soil	45	66	1.10	292	0.188	<1	2.77	0.007	0.65	<0.1	0.01	7.3	0.5	<0.05	9	0.6	<0.2
1337020	Soil	41	38	0.85	239	0.183	<1	2.53	0.008	0.38	0.1	<0.01	5.0	0.4	<0.05	7	<0.5	<0.2
1337006	Soil	31	38	0.82	185	0.155	<1	2.24	0.007	0.46	<0.1	<0.01	4.0	0.4	<0.05	6	<0.5	<0.2
1337019	Soil	53	42	0.93	163	0.165	<1	2.78	0.007	0.52	<0.1	<0.01	4.7	0.5	<0.05	9	<0.5	<0.2
1337016	Soil	35	38	0.79	208	0.140	<1	2.15	0.006	0.42	<0.1	<0.01	4.0	0.4	<0.05	6	<0.5	<0.2
1337015	Soil	18	66	1.40	302	0.277	<1	3.59	0.008	0.93	<0.1	0.01	7.4	0.7	<0.05	10	0.6	<0.2
1337021	Soil	42	40	0.83	210	0.183	<1	2.54	0.007	0.42	<0.1	0.02	4.3	0.4	<0.05	8	<0.5	<0.2
1337018	Soil	28	27	0.51	130	0.128	<1	1.74	0.012	0.27	0.1	<0.01	2.4	0.3	<0.05	7	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 08, 2013

CERTIFICATE OF ANALYSIS WHI13000462.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1337004	Soil	0.5	29.8	12.1	83	<0.1	31.2	13.0	426	3.80	3.9	1.4	<0.5	11.3	14	<0.1	0.3	0.2	56	0.18	0.035
1337012	Soil	1.2	31.9	12.9	79	0.1	37.8	10.7	351	3.41	2.3	1.1	<0.5	7.2	14	0.1	0.2	0.2	50	0.12	0.033
1337025	Soil	0.5	25.3	11.0	80	<0.1	32.2	15.0	523	3.68	4.9	0.9	1.7	10.2	12	0.1	0.3	0.2	47	0.14	0.036
1337011	Soil	1.0	39.1	15.9	100	<0.1	40.2	13.8	667	3.95	2.9	1.1	<0.5	8.1	11	0.1	0.2	0.2	59	0.10	0.041
1336755	Soil	0.7	27.5	13.9	66	<0.1	29.2	12.3	391	3.86	7.4	1.2	<0.5	10.6	19	<0.1	0.4	0.2	60	0.15	0.019
1336751	Rock Pulp	2.3	23.9	2.2	42	0.3	21.2	10.1	389	2.40	4.9	0.3	<0.5	0.9	40	0.3	0.3	<0.1	59	0.82	0.054
1336753	Soil	0.5	26.8	12.2	77	<0.1	30.1	12.5	456	3.88	4.6	1.3	<0.5	10.5	15	<0.1	0.3	0.2	52	0.17	0.029
1336752	Soil	0.5	27.3	9.4	85	<0.1	29.1	12.6	428	3.94	3.7	1.3	<0.5	11.4	12	0.1	0.2	0.2	48	0.15	0.028
1336762	Soil	0.8	25.8	12.8	72	<0.1	27.1	11.2	364	3.92	6.5	1.3	<0.5	9.5	14	<0.1	0.3	0.2	63	0.12	0.033
1336761	Soil	0.7	21.1	12.7	60	<0.1	24.2	11.0	362	3.42	6.6	0.7	<0.5	7.1	13	<0.1	0.3	0.2	59	0.12	0.024
1336760	Soil	0.5	24.6	19.7	67	<0.1	28.3	11.6	529	3.46	3.8	1.3	<0.5	16.6	18	<0.1	0.2	0.2	38	0.20	0.028
1336757	Soil	0.6	24.4	11.9	71	<0.1	29.3	11.4	394	3.64	4.8	1.1	<0.5	7.5	17	<0.1	0.3	0.1	47	0.20	0.032
1336758	Soil	0.8	26.3	15.9	61	0.1	29.1	10.5	332	3.29	11.6	1.3	7.4	8.0	17	<0.1	0.6	0.5	54	0.22	0.040
1336754	Soil	0.6	21.8	16.5	92	<0.1	35.2	13.6	459	3.94	4.3	1.1	7.0	13.4	16	<0.1	0.3	0.4	66	0.16	0.023
1336759	Soil	0.5	32.0	25.6	95	<0.1	35.5	15.2	445	5.20	6.4	1.8	3.5	17.5	13	<0.1	0.5	0.5	46	0.14	0.025
1336756	Soil	0.6	28.4	14.7	77	<0.1	32.2	12.9	417	3.98	5.1	1.4	5.1	11.7	12	<0.1	0.4	0.3	54	0.10	0.019
1336763	Soil	0.8	31.4	16.6	78	<0.1	32.7	14.5	455	4.07	5.0	1.4	3.1	14.0	13	<0.1	0.3	0.3	50	0.10	0.025
1337037	Soil	0.3	34.6	7.4	50	<0.1	38.9	11.7	404	2.47	2.5	0.8	3.5	8.1	11	<0.1	0.2	0.1	43	0.25	0.024
1337038	Soil	0.6	27.3	8.7	63	<0.1	31.6	11.5	387	3.12	4.7	1.1	4.4	8.2	20	<0.1	0.3	0.2	53	0.27	0.042
1337035	Soil	0.3	46.2	5.5	43	<0.1	68.9	19.5	465	2.51	0.6	0.3	2.4	2.4	8	0.1	<0.1	<0.1	76	0.20	0.036
1337036	Soil	0.4	38.0	20.9	81	<0.1	43.7	19.1	812	4.22	1.1	1.1	3.3	16.0	14	<0.1	<0.1	0.3	61	0.15	0.020
1337034	Soil	0.5	40.3	19.3	83	<0.1	43.9	19.3	820	4.36	1.0	1.1	2.8	16.0	14	<0.1	0.1	0.2	61	0.14	0.020
1337029	Soil	0.3	72.9	3.2	73	<0.1	58.2	18.7	559	3.33	1.5	0.2	0.8	1.1	13	<0.1	<0.1	<0.1	81	0.24	0.022
1337028	Soil	0.4	51.6	6.8	70	<0.1	62.9	19.3	495	2.97	1.0	0.7	4.0	6.4	20	<0.1	0.1	<0.1	77	0.35	0.031
1337033	Soil	0.7	26.4	5.7	65	<0.1	63.6	16.8	712	2.74	3.9	0.3	<0.5	1.8	14	<0.1	0.2	<0.1	73	0.24	0.052
1337032	Soil	0.1	60.7	0.5	86	<0.1	133.4	38.6	822	5.41	<0.5	0.2	11.6	0.4	13	<0.1	0.1	<0.1	139	0.57	0.021
1337027	Soil	1.0	54.1	8.8	86	0.2	58.1	14.4	515	3.34	1.8	1.5	2.9	6.2	18	0.1	0.1	0.1	82	0.43	0.047
1337031	Soil	<0.1	81.6	2.2	102	<0.1	160.7	44.4	1129	4.15	0.5	0.2	3.2	1.1	16	<0.1	<0.1	<0.1	139	0.58	0.041
1337030	Soil	0.7	26.0	10.2	69	<0.1	32.0	13.3	400	3.63	5.6	0.8	2.7	7.9	12	<0.1	0.3	0.2	60	0.15	0.031
1336256	Soil	0.5	15.3	12.4	67	<0.1	21.7	10.4	350	3.07	6.7	1.1	4.4	8.2	19	<0.1	0.3	0.4	54	0.23	0.041

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 08, 2013

CERTIFICATE OF ANALYSIS WHI13000462.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1337004	Soil	36	39	0.87	222	0.161	<1	2.24	0.007	0.43	<0.1	0.01	5.3	0.3	<0.05	7	0.9	<0.2
1337012	Soil	29	35	0.81	149	0.133	<1	1.98	0.008	0.48	<0.1	<0.01	3.5	0.3	<0.05	6	<0.5	<0.2
1337025	Soil	28	35	0.83	212	0.164	<1	2.23	0.007	0.38	0.1	<0.01	4.3	0.3	<0.05	6	<0.5	<0.2
1337011	Soil	20	39	0.90	228	0.147	<1	2.32	0.007	0.65	<0.1	<0.01	3.7	0.4	<0.05	7	<0.5	<0.2
1336755	Soil	36	41	0.76	213	0.147	<1	2.47	0.011	0.27	0.1	0.02	6.4	0.3	<0.05	7	<0.5	<0.2
1336751	Rock Pulp	4	29	0.81	95	0.112	2	1.59	0.073	0.12	12.2	<0.01	4.9	<0.1	<0.05	5	<0.5	<0.2
1336753	Soil	32	40	0.84	215	0.193	<1	2.36	0.008	0.48	0.1	0.01	4.2	0.4	<0.05	7	<0.5	<0.2
1336752	Soil	27	38	0.89	226	0.199	<1	2.26	0.008	0.57	<0.1	<0.01	3.6	0.4	<0.05	6	0.9	<0.2
1336762	Soil	37	36	0.76	181	0.153	<1	2.42	0.008	0.34	<0.1	0.02	4.1	0.3	<0.05	7	<0.5	<0.2
1336761	Soil	25	35	0.65	180	0.113	<1	2.25	0.009	0.22	0.1	<0.01	3.6	0.2	<0.05	7	<0.5	<0.2
1336760	Soil	57	37	0.71	197	0.146	<1	2.03	0.009	0.39	0.1	<0.01	5.6	0.3	<0.05	7	<0.5	<0.2
1336757	Soil	34	34	0.78	209	0.181	<1	2.21	0.011	0.34	0.1	<0.01	3.9	0.3	<0.05	6	<0.5	<0.2
1336758	Soil	42	32	0.59	178	0.076	2	2.21	0.007	0.20	0.1	0.03	4.3	0.2	<0.05	6	<0.5	<0.2
1336754	Soil	55	43	0.94	206	0.185	<1	2.52	0.008	0.43	0.2	<0.01	5.4	0.4	<0.05	7	<0.5	<0.2
1336759	Soil	52	38	0.91	173	0.225	<1	2.84	0.007	0.72	0.1	0.01	3.8	0.6	<0.05	9	<0.5	<0.2
1336756	Soil	43	39	0.81	180	0.178	<1	2.38	0.007	0.47	0.1	0.02	5.3	0.5	<0.05	7	0.6	<0.2
1336763	Soil	59	36	0.81	154	0.149	<1	2.45	0.006	0.37	<0.1	0.02	4.7	0.4	<0.05	7	<0.5	<0.2
1337037	Soil	22	66	0.88	221	0.141	<1	1.65	0.008	0.25	<0.1	<0.01	3.8	0.2	<0.05	5	<0.5	<0.2
1337038	Soil	25	44	0.72	271	0.133	<1	1.70	0.010	0.22	<0.1	<0.01	4.5	0.2	<0.05	6	<0.5	<0.2
1337035	Soil	8	98	1.87	332	0.158	<1	2.52	0.013	0.29	<0.1	<0.01	4.4	0.1	<0.05	7	<0.5	<0.2
1337036	Soil	48	57	1.12	253	0.193	<1	2.77	0.008	0.57	0.1	0.01	7.2	0.4	<0.05	9	<0.5	<0.2
1337034	Soil	47	58	1.15	247	0.189	<1	2.80	0.008	0.62	<0.1	<0.01	7.1	0.4	<0.05	9	<0.5	<0.2
1337029	Soil	3	106	1.86	255	0.177	<1	2.40	0.007	0.45	<0.1	<0.01	4.1	0.2	<0.05	7	<0.5	<0.2
1337028	Soil	24	111	1.56	320	0.194	<1	2.32	0.011	0.32	<0.1	<0.01	4.8	0.2	<0.05	7	<0.5	<0.2
1337033	Soil	7	86	1.31	301	0.101	<1	2.07	0.009	0.18	<0.1	0.02	4.5	<0.1	<0.05	7	<0.5	<0.2
1337032	Soil	4	367	3.13	1143	0.122	<1	3.46	0.007	0.20	<0.1	0.05	21.3	<0.1	<0.05	9	<0.5	<0.2
1337027	Soil	32	91	1.42	471	0.173	<1	2.40	0.015	0.39	0.1	<0.01	6.3	0.3	<0.05	8	<0.5	<0.2
1337031	Soil	5	340	3.01	413	0.285	<1	2.71	0.009	0.55	<0.1	<0.01	7.8	0.1	<0.05	7	<0.5	<0.2
1337030	Soil	19	43	0.80	194	0.143	<1	2.19	0.008	0.32	0.1	<0.01	4.0	0.3	<0.05	7	<0.5	<0.2
1336256	Soil	27	31	0.61	201	0.129	<1	1.79	0.008	0.25	0.1	<0.01	3.8	0.3	<0.05	6	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 08, 2013

CERTIFICATE OF ANALYSIS WHI13000462.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1336258	Soil		0.8	22.7	11.9	73	<0.1	24.6	11.0	392	3.25	5.4	1.6	6.9	7.2	25	0.1	0.2	0.3	57	0.31	0.041
1336255	Soil		0.5	18.7	13.1	67	0.1	23.2	10.7	352	3.26	6.2	1.3	3.4	5.6	20	<0.1	0.4	0.3	57	0.23	0.040
1336268	Soil		0.7	23.4	22.7	75	0.1	24.5	10.4	556	3.11	7.8	0.9	4.1	6.6	13	0.3	0.4	0.2	49	0.12	0.039
1336253	Soil		0.5	34.3	15.0	89	<0.1	30.1	15.1	567	4.00	5.1	1.5	2.9	13.3	15	<0.1	1.1	0.2	39	0.16	0.037
1336252	Soil		0.5	16.7	13.9	60	<0.1	21.2	9.5	268	2.99	5.5	1.2	3.4	4.7	18	<0.1	0.3	0.2	52	0.19	0.045
1336254	Soil		0.5	25.4	13.8	79	<0.1	28.9	12.9	456	3.75	4.7	1.2	2.9	11.0	17	0.1	0.6	0.2	48	0.21	0.040
1336269	Soil		0.7	20.0	157.3	208	0.3	30.1	14.6	456	3.89	74.8	0.7	3.0	10.2	12	1.0	0.8	0.2	58	0.11	0.023
1336251	Rock Pulp		2.0	22.4	2.2	43	0.3	21.4	10.1	391	2.40	5.2	0.3	2.4	0.9	41	0.2	0.2	<0.1	65	0.80	0.059
1336257	Soil		0.4	20.5	20.9	79	<0.1	26.9	12.6	443	3.63	20.7	1.1	3.3	12.1	19	<0.1	1.0	0.2	45	0.22	0.041
1336261	Soil		0.8	22.1	11.4	67	<0.1	24.2	11.2	353	3.09	6.6	1.0	2.4	7.1	16	<0.1	0.3	0.2	55	0.19	0.031
1336259	Soil		0.7	23.9	11.8	73	<0.1	24.3	11.1	371	3.26	5.7	1.6	1.2	9.2	22	<0.1	0.3	0.2	57	0.33	0.039
1336262	Soil		0.6	26.7	12.0	75	<0.1	26.7	12.9	417	3.57	4.8	1.1	2.3	10.1	16	0.1	0.3	0.2	58	0.18	0.034
1336260	Soil		0.7	21.8	13.8	65	<0.1	23.1	10.0	381	3.22	6.4	1.2	1.9	5.4	20	<0.1	0.3	0.2	61	0.24	0.034
1336266	Soil		0.6	26.5	18.3	84	<0.1	32.6	12.9	495	3.90	6.7	1.1	1.6	10.2	19	<0.1	0.4	0.2	58	0.22	0.031
1336267	Soil		0.8	31.2	24.0	84	0.2	31.4	11.7	519	3.38	6.3	1.4	3.4	7.2	25	0.1	0.4	0.2	54	0.33	0.043
1336263	Soil		0.5	27.8	14.0	83	<0.1	30.0	14.6	519	3.69	4.9	1.1	3.8	11.9	16	<0.1	0.3	0.2	50	0.18	0.038
1336264	Soil		0.5	23.4	13.5	78	<0.1	25.7	13.1	475	3.80	3.8	1.0	4.1	9.6	14	<0.1	0.2	0.2	51	0.16	0.032
1336265	Soil		0.6	23.4	12.8	73	<0.1	25.1	11.2	407	3.45	6.5	0.8	3.1	6.1	18	<0.1	0.3	0.2	62	0.20	0.032
1336550	Soil		0.7	26.6	9.9	66	<0.1	30.0	12.5	437	3.22	5.3	1.0	1.8	8.1	19	0.1	0.3	<0.1	68	0.29	0.033
1336549	Soil		0.5	28.3	9.2	62	<0.1	33.2	11.0	370	3.17	5.3	1.5	0.9	8.5	19	0.1	0.3	0.1	61	0.26	0.029
1336547	Soil		1.3	61.5	13.2	115	0.2	65.6	19.1	781	3.99	2.7	1.2	2.0	7.4	15	0.5	0.2	0.1	76	0.46	0.071
1336548	Soil		0.5	30.2	8.8	69	<0.1	32.5	10.4	329	3.05	5.2	1.3	1.7	6.7	22	<0.1	0.3	0.1	60	0.28	0.040
1336545	Soil		<0.1	91.3	0.5	54	<0.1	90.0	28.9	384	3.34	1.0	<0.1	2.8	0.4	7	<0.1	<0.1	<0.1	106	0.29	0.016
1336546	Soil		0.5	71.5	4.7	72	<0.1	102.8	27.3	1235	4.27	2.1	0.5	2.4	2.5	17	0.1	0.2	<0.1	88	0.47	0.046
1336543	Soil		0.1	100.6	2.7	48	<0.1	58.5	14.6	341	1.98	2.2	0.2	1.8	1.3	8	<0.1	<0.1	<0.1	61	0.19	0.007
1336544	Soil		0.1	61.0	1.9	37	<0.1	53.4	16.3	219	2.14	2.4	0.1	0.7	0.4	8	<0.1	<0.1	<0.1	72	0.23	0.014
1336542	Soil		0.4	59.6	4.9	57	<0.1	33.9	12.1	722	2.11	3.3	0.4	0.7	2.4	14	<0.1	0.3	<0.1	60	0.23	0.018
1336541	Soil		0.7	56.3	7.7	82	<0.1	61.2	13.8	471	3.32	3.3	1.1	2.0	7.8	17	<0.1	0.2	<0.1	93	0.27	0.026
1336539	Soil		0.5	33.4	8.1	54	<0.1	29.8	10.2	387	2.74	5.9	1.0	1.4	5.4	22	0.1	0.4	<0.1	63	0.33	0.028
1336540	Soil		0.6	40.4	7.7	74	<0.1	54.0	15.5	530	3.31	3.0	0.9	1.3	7.3	18	<0.1	0.2	<0.1	68	0.25	0.036

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 08, 2013

CERTIFICATE OF ANALYSIS WHI13000462.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336258	Soil	30	33	0.66	235	0.121	<1	1.80	0.009	0.19	0.1	0.01	4.5	0.2	<0.05	6	<0.5	<0.2
1336255	Soil	30	35	0.61	212	0.119	<1	2.09	0.012	0.18	0.1	0.02	4.5	0.2	<0.05	7	0.9	<0.2
1336268	Soil	29	29	0.63	136	0.131	<1	1.72	0.010	0.35	<0.1	0.02	3.1	0.3	<0.05	6	<0.5	<0.2
1336253	Soil	38	29	0.72	185	0.157	<1	1.91	0.006	0.68	<0.1	0.03	4.1	0.4	<0.05	6	0.8	<0.2
1336252	Soil	27	31	0.59	217	0.101	<1	2.04	0.011	0.13	<0.1	0.04	3.8	0.2	<0.05	6	<0.5	<0.2
1336254	Soil	37	32	0.69	212	0.145	<1	1.90	0.008	0.50	<0.1	0.01	4.0	0.4	<0.05	6	<0.5	<0.2
1336269	Soil	30	33	0.71	185	0.131	<1	2.40	0.008	0.38	<0.1	0.02	3.8	0.4	<0.05	7	<0.5	<0.2
1336251	Rock Pulp	4	29	0.76	91	0.115	1	1.52	0.075	0.13	12.4	<0.01	5.0	<0.1	<0.05	5	0.8	<0.2
1336257	Soil	38	30	0.72	215	0.157	<1	1.91	0.008	0.51	<0.1	0.01	4.1	0.3	<0.05	6	<0.5	<0.2
1336261	Soil	24	32	0.69	164	0.127	<1	1.88	0.008	0.25	0.1	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
1336259	Soil	33	35	0.71	216	0.139	<1	1.97	0.010	0.22	<0.1	0.03	4.7	0.2	<0.05	6	<0.5	<0.2
1336262	Soil	26	34	0.78	192	0.169	<1	2.00	0.008	0.41	0.1	0.02	4.0	0.3	<0.05	6	<0.5	<0.2
1336260	Soil	23	32	0.64	187	0.111	<1	1.95	0.010	0.21	<0.1	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1336266	Soil	29	39	0.84	204	0.163	<1	2.16	0.010	0.37	0.1	0.01	4.6	0.3	<0.05	7	<0.5	<0.2
1336267	Soil	33	35	0.61	188	0.104	<1	1.94	0.014	0.29	<0.1	0.03	4.3	0.2	<0.05	7	<0.5	<0.2
1336263	Soil	31	36	0.82	211	0.186	<1	2.06	0.008	0.55	<0.1	0.01	4.0	0.4	<0.05	7	0.6	<0.2
1336264	Soil	31	33	0.74	166	0.165	<1	1.98	0.008	0.43	<0.1	<0.01	3.5	0.4	<0.05	7	<0.5	<0.2
1336265	Soil	23	34	0.71	175	0.127	<1	1.98	0.010	0.27	<0.1	0.01	3.5	0.2	<0.05	7	<0.5	<0.2
1336550	Soil	23	43	0.74	264	0.130	2	1.86	0.010	0.21	<0.1	0.02	4.4	0.2	<0.05	5	<0.5	<0.2
1336549	Soil	27	46	0.75	283	0.131	3	1.79	0.009	0.20	<0.1	0.02	4.7	0.2	<0.05	6	<0.5	<0.2
1336547	Soil	27	90	1.20	407	0.101	2	1.93	0.009	0.29	<0.1	0.05	7.3	0.2	<0.05	6	0.5	<0.2
1336548	Soil	26	47	0.81	313	0.125	2	1.80	0.012	0.19	0.1	0.04	5.0	0.2	<0.05	6	<0.5	<0.2
1336545	Soil	1	241	2.72	202	0.169	<1	2.61	0.012	0.30	<0.1	0.01	5.8	<0.1	<0.05	5	<0.5	<0.2
1336546	Soil	12	181	1.56	705	0.051	3	2.01	0.011	0.13	<0.1	0.07	17.0	<0.1	<0.05	5	<0.5	<0.2
1336543	Soil	7	118	1.90	185	0.104	1	2.32	0.012	0.05	<0.1	<0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
1336544	Soil	2	161	1.68	183	0.140	<1	2.10	0.012	0.15	<0.1	<0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1336542	Soil	13	44	1.26	342	0.081	1	1.94	0.009	0.13	<0.1	0.02	4.1	<0.1	<0.05	5	0.8	<0.2
1336541	Soil	20	82	1.49	393	0.172	<1	2.53	0.012	0.39	<0.1	<0.01	6.7	0.3	<0.05	8	<0.5	<0.2
1336539	Soil	16	47	0.72	346	0.101	<1	1.64	0.013	0.12	0.2	<0.01	5.3	0.1	<0.05	5	0.7	<0.2
1336540	Soil	21	69	1.17	352	0.159	1	1.94	0.011	0.44	<0.1	<0.01	6.0	0.3	<0.05	7	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 08, 2013

QUALITY CONTROL REPORT WHI13000462.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																					
1336521	Soil	0.6	23.0	16.4	79	<0.1	26.1	12.4	383	4.15	8.2	1.0	3.7	8.9	14	<0.1	0.4	0.2	49	0.20	0.038
REP 1336521	QC	0.5	23.6	17.6	78	<0.1	25.2	12.5	376	4.16	9.0	1.0	2.7	9.4	15	<0.1	0.5	0.2	53	0.20	0.038
1336525	Soil	0.4	28.0	21.3	100	<0.1	35.6	16.7	490	5.65	4.6	1.3	<0.5	17.7	16	<0.1	0.2	0.2	39	0.21	0.046
REP 1336525	QC	0.3	28.1	22.2	99	<0.1	35.7	16.6	561	5.83	4.6	1.2	<0.5	18.1	17	<0.1	0.3	0.2	38	0.21	0.048
1337022	Soil	0.3	29.7	14.1	87	<0.1	30.7	14.5	485	3.94	2.3	1.4	3.0	12.7	16	0.2	0.2	0.3	47	0.29	0.042
REP 1337022	QC	0.7	30.8	14.3	82	<0.1	34.2	14.7	501	3.84	3.2	1.4	1.6	12.4	16	0.1	0.2	0.3	47	0.29	0.044
1337001	Rock Pulp	2.4	23.4	2.3	41	0.2	20.7	9.3	376	2.36	4.3	0.3	3.8	0.9	39	0.1	0.3	<0.1	66	0.81	0.060
REP 1337001	QC	2.6	24.2	2.4	46	0.2	22.2	9.9	397	2.46	3.7	0.3	1.3	0.9	42	0.1	0.3	<0.1	77	0.86	0.062
1337037	Soil	0.3	34.6	7.4	50	<0.1	38.9	11.7	404	2.47	2.5	0.8	3.5	8.1	11	<0.1	0.2	0.1	43	0.25	0.024
REP 1337037	QC	0.3	35.3	7.3	48	<0.1	38.9	12.0	397	2.42	1.4	0.8	3.9	7.9	11	<0.1	0.2	0.1	44	0.26	0.023
1337038	Soil	0.6	27.3	8.7	63	<0.1	31.6	11.5	387	3.12	4.7	1.1	4.4	8.2	20	<0.1	0.3	0.2	53	0.27	0.042
REP 1337038	QC	0.6	26.2	8.8	58	<0.1	30.4	10.5	361	2.87	4.6	1.1	3.0	8.1	20	<0.1	0.3	0.2	56	0.25	0.039
1336549	Soil	0.5	28.3	9.2	62	<0.1	33.2	11.0	370	3.17	5.3	1.5	0.9	8.5	19	0.1	0.3	0.1	61	0.26	0.029
REP 1336549	QC	0.5	27.1	8.8	64	<0.1	32.2	11.3	364	3.11	6.0	1.5	2.0	8.2	19	<0.1	0.3	0.1	61	0.23	0.030
1336547	Soil	1.3	61.5	13.2	115	0.2	65.6	19.1	781	3.99	2.7	1.2	2.0	7.4	15	0.5	0.2	0.1	76	0.46	0.071
REP 1336547	QC	1.4	63.8	13.0	121	0.2	72.0	21.0	813	4.25	3.6	1.3	2.0	7.8	14	0.6	0.3	0.2	77	0.45	0.074
Reference Materials																					
STD DS10	Standard	15.9	157.2	155.8	365	2.1	78.6	13.0	896	2.90	45.3	2.4	95.8	8.5	62	2.5	8.2	9.7	47	1.08	0.074
STD DS10	Standard	14.5	149.9	147.6	366	1.9	73.9	12.7	887	2.98	48.2	2.7	95.4	7.6	72	2.5	8.8	11.5	51	1.02	0.076
STD DS10	Standard	14.8	145.6	146.8	354	1.8	69.2	12.3	830	2.95	44.3	2.5	78.4	7.6	68	2.5	8.9	10.9	41	1.06	0.079
STD DS10	Standard	15.4	148.6	151.8	360	1.9	73.8	12.6	884	2.74	43.9	2.7	74.5	8.0	70	2.4	8.4	11.0	46	1.00	0.070
STD DS10 Expected		14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	2.59	91.9	7.5	67.1	2.48	9.51	11.65	43	1.0355	0.073
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	6	<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	0.7	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	7	<0.01	<0.001

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 08, 2013

QUALITY CONTROL REPORT WHI13000462.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																		
1336521	Soil	38	37	0.73	173	0.182	<1	2.09	0.009	0.41	<0.1	0.02	4.3	0.3	<0.05	7	<0.5	<0.2
REP 1336521	QC	38	37	0.75	181	0.184	1	2.16	0.010	0.44	0.1	0.02	4.1	0.4	<0.05	7	<0.5	<0.2
1336525	Soil	51	40	1.04	258	0.265	<1	2.44	0.007	1.16	<0.1	0.01	5.2	0.7	<0.05	8	<0.5	<0.2
REP 1336525	QC	52	41	1.18	257	0.276	<1	2.60	0.008	1.17	<0.1	<0.01	5.2	0.7	<0.05	8	<0.5	<0.2
1337022	Soil	42	35	0.77	213	0.189	<1	2.02	0.009	0.54	0.1	<0.01	4.7	0.4	<0.05	6	<0.5	<0.2
REP 1337022	QC	41	37	0.82	208	0.181	<1	2.12	0.009	0.56	<0.1	0.01	5.0	0.4	<0.05	7	<0.5	<0.2
1337001	Rock Pulp	4	28	0.79	97	0.107	1	1.54	0.069	0.13	12.2	0.01	4.8	<0.1	<0.05	5	<0.5	<0.2
REP 1337001	QC	4	30	0.80	94	0.133	2	1.65	0.074	0.12	14.1	<0.01	4.4	<0.1	<0.05	5	<0.5	<0.2
1337037	Soil	22	66	0.88	221	0.141	<1	1.65	0.008	0.25	<0.1	<0.01	3.8	0.2	<0.05	5	<0.5	<0.2
REP 1337037	QC	22	64	0.84	214	0.131	<1	1.55	0.008	0.24	<0.1	<0.01	3.8	0.2	<0.05	5	<0.5	<0.2
1337038	Soil	25	44	0.72	271	0.133	<1	1.70	0.010	0.22	<0.1	<0.01	4.5	0.2	<0.05	6	<0.5	<0.2
REP 1337038	QC	23	41	0.71	256	0.133	<1	1.68	0.009	0.21	0.1	<0.01	4.6	0.2	<0.05	5	<0.5	<0.2
1336549	Soil	27	46	0.75	283	0.131	3	1.79	0.009	0.20	<0.1	0.02	4.7	0.2	<0.05	6	<0.5	<0.2
REP 1336549	QC	26	44	0.77	272	0.129	1	1.76	0.010	0.20	<0.1	0.03	4.9	0.2	<0.05	6	<0.5	<0.2
1336547	Soil	27	90	1.20	407	0.101	2	1.93	0.009	0.29	<0.1	0.05	7.3	0.2	<0.05	6	0.5	<0.2
REP 1336547	QC	27	96	1.12	399	0.097	1	1.87	0.009	0.30	<0.1	0.05	7.3	0.1	<0.05	6	0.8	<0.2
Reference Materials																		
STD DS10	Standard	20	59	0.83	354	0.089	7	1.17	0.058	0.35	3.7	0.31	3.1	5.1	0.26	5	1.4	5.6
STD DS10	Standard	18	55	0.80	366	0.081	8	1.06	0.056	0.34	3.1	0.30	3.2	4.9	0.21	5	2.6	5.2
STD DS10	Standard	17	53	0.79	352	0.080	5	1.06	0.060	0.33	3.3	0.31	2.7	5.0	0.20	4	1.6	5.1
STD DS10	Standard	19	54	0.76	364	0.086	4	1.04	0.059	0.35	3.1	0.29	2.9	4.9	0.27	4	1.7	4.7
STD DS10 Expected		17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
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	0.6	<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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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, 2013
Report Date: October 18, 2013
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI13000477.1

CLIENT JOB INFORMATION

Project: NIN
Shipment ID: NINSOIL13-002
P.O. Number
Number of Samples: 320

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	320	Dry at 60C			WHI
SS80	313	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1336316	Soil	1.2	27.0	7.2	65	<0.1	23.9	10.9	381	3.46	6.9	1.1	5.0	6.7	14	<0.1	0.5	0.1	50	0.14	0.021
1336313	Soil	0.9	36.7	13.2	75	0.3	33.0	9.4	330	2.54	5.7	0.8	4.6	3.8	20	0.1	0.5	0.2	55	0.37	0.045
1336317	Soil	1.7	27.6	10.2	78	0.3	30.0	11.6	350	3.72	17.1	0.9	1.2	5.3	15	<0.1	1.7	0.2	40	0.07	0.034
1336312	Soil	1.0	42.4	10.9	71	0.3	37.3	9.6	405	2.48	4.7	1.1	4.1	3.4	26	0.2	0.5	0.2	47	0.49	0.057
1336292	Soil	0.8	18.8	12.2	61	0.2	18.7	13.5	572	2.28	7.5	0.8	4.2	3.2	34	0.2	0.8	0.1	48	0.69	0.049
1336293	Soil	0.8	27.6	8.3	61	0.1	30.8	11.5	514	2.70	18.6	0.6	3.3	3.7	39	0.2	1.2	<0.1	60	0.85	0.056
1336314	Soil	1.5	30.7	10.6	59	0.1	35.3	13.4	1070	2.78	3.4	2.3	2.4	4.7	24	<0.1	0.3	0.2	51	0.39	0.050
1336299	Soil	0.8	33.0	14.2	76	0.2	42.5	14.2	537	3.17	9.4	0.6	3.1	4.7	40	0.2	0.8	0.2	62	0.72	0.045
1336315	Soil	1.1	32.7	12.0	98	0.1	15.9	10.8	460	4.08	3.6	0.9	1.4	6.1	14	0.2	0.4	0.3	50	0.35	0.071
1336302	Soil	1.3	32.8	16.5	69	0.2	41.2	11.5	545	2.73	9.7	1.0	2.4	3.7	26	<0.1	0.9	0.2	51	0.53	0.042
1336298	Soil	0.6	21.1	9.5	38	0.2	18.7	7.7	190	2.45	8.9	0.6	2.2	1.5	41	0.3	0.7	<0.1	37	0.74	0.061
1336297	Soil	0.6	24.3	6.7	56	0.2	30.0	11.7	365	2.67	3.8	0.9	2.0	2.6	31	<0.1	0.4	<0.1	75	0.65	0.054
1336300	Soil	0.6	27.9	11.3	54	0.2	34.0	10.6	533	2.42	7.3	0.9	2.3	2.6	56	0.2	0.7	0.1	52	1.05	0.047
1336308	Soil	1.1	30.2	10.9	58	0.2	29.1	12.9	586	2.56	7.7	1.1	5.9	2.6	30	0.2	0.7	0.2	52	0.66	0.066
1336295	Soil	0.8	17.7	20.9	60	0.2	25.0	10.1	241	3.23	12.3	0.7	1.7	3.6	16	0.2	0.8	0.1	59	0.43	0.039
1336294	Soil	0.6	17.6	20.0	58	0.2	19.2	6.1	162	2.52	10.4	0.6	8.9	2.0	35	0.2	0.5	0.1	47	0.81	0.048
1336301	Rock Pulp	1.3	497.7	16.6	55	0.2	245.9	84.2	868	15.27	3.3	1.0	41.7	5.8	13	<0.1	0.3	0.1	215	0.38	0.035
1336303	Soil	1.5	33.6	15.2	57	<0.1	20.3	16.1	583	4.23	3.7	0.5	<0.5	5.2	12	0.2	0.5	0.3	65	0.31	0.039
1336310	Soil	1.0	26.2	8.9	68	0.1	26.2	10.2	343	2.68	6.9	0.8	2.5	3.8	28	0.1	0.6	0.1	62	0.49	0.056
1336291	Soil	0.7	12.8	12.6	52	0.1	16.1	7.2	963	1.86	6.3	0.5	2.2	2.0	37	0.2	0.7	0.1	45	0.72	0.054
1336311	Soil	1.0	28.4	6.2	79	<0.1	14.7	10.0	415	3.23	2.0	0.7	1.0	3.9	11	<0.1	0.2	0.1	47	0.27	0.061
1336318	Soil	0.9	22.1	10.1	66	<0.1	22.0	9.0	399	2.82	4.7	0.8	1.5	7.8	13	<0.1	0.4	0.2	43	0.18	0.015
1336309	Soil	1.0	32.0	9.5	64	0.2	28.1	12.5	597	2.78	6.0	1.2	2.8	3.6	31	<0.1	0.5	0.1	63	0.56	0.052
1336307	Soil	1.1	32.9	22.1	71	0.2	37.6	12.0	533	2.78	10.5	0.7	2.6	3.8	51	0.2	0.7	0.1	55	1.09	0.046
1336306	Soil	0.6	27.9	4.6	68	<0.1	31.5	16.4	365	3.68	1.7	0.6	0.6	4.4	15	<0.1	0.1	<0.1	109	0.49	0.103
1336305	Soil	0.9	27.4	8.2	75	<0.1	34.8	16.5	481	3.78	3.9	0.9	1.5	5.1	18	<0.1	0.3	<0.1	100	0.39	0.059
1336296	Soil	0.6	23.8	11.8	54	0.2	26.2	11.4	334	2.74	10.2	1.1	1.8	3.0	39	0.2	1.0	0.1	57	0.88	0.045
1336304	Soil	1.7	56.0	12.3	113	0.3	41.3	10.9	604	3.24	5.7	1.1	2.6	4.0	24	0.2	0.7	0.1	48	0.57	0.069
1336658	Soil	1.3	40.9	8.2	59	0.2	25.4	7.8	397	2.49	4.8	1.0	15.2	3.2	17	0.1	0.4	0.1	45	0.20	0.037
1336665	Soil	1.9	30.4	9.7	45	<0.1	16.6	5.4	236	2.28	5.1	0.9	2.2	2.8	14	0.1	0.4	0.2	51	0.14	0.039

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336316	Soil	27	26	0.49	216	0.033	2	1.60	0.005	0.07	<0.1	0.03	7.5	0.1	<0.05	4	0.6	<0.2
1336313	Soil	17	46	0.78	303	0.069	<1	1.77	0.014	0.12	0.2	0.04	6.5	<0.1	<0.05	5	0.6	<0.2
1336317	Soil	18	24	0.22	160	0.006	1	1.43	0.006	0.06	<0.1	0.02	5.5	0.1	<0.05	3	0.6	<0.2
1336312	Soil	18	40	0.67	358	0.054	1	1.82	0.017	0.12	0.1	0.05	6.4	<0.1	<0.05	5	<0.5	<0.2
1336292	Soil	13	33	0.49	199	0.046	2	1.24	0.014	0.06	0.4	0.04	4.1	<0.1	<0.05	4	<0.5	<0.2
1336293	Soil	14	42	0.62	224	0.056	1	1.67	0.018	0.06	0.2	0.03	5.6	<0.1	<0.05	5	<0.5	<0.2
1336314	Soil	21	55	0.65	280	0.092	<1	1.94	0.012	0.16	<0.1	0.05	4.9	0.2	<0.05	5	1.1	<0.2
1336299	Soil	17	43	0.58	284	0.055	1	1.83	0.017	0.07	0.5	0.06	6.6	<0.1	<0.05	5	<0.5	<0.2
1336315	Soil	24	26	0.62	207	0.043	<1	1.33	0.015	0.28	<0.1	0.03	11.6	0.2	<0.05	5	<0.5	<0.2
1336302	Soil	17	44	0.51	332	0.044	<1	1.63	0.014	0.07	0.2	0.04	5.7	0.1	<0.05	5	0.5	<0.2
1336298	Soil	9	22	0.29	197	0.032	<1	0.77	0.025	0.03	0.2	0.03	2.9	<0.1	<0.05	3	<0.5	<0.2
1336297	Soil	16	44	1.12	370	0.079	<1	1.97	0.019	0.15	0.1	0.05	9.3	0.1	<0.05	6	0.5	<0.2
1336300	Soil	15	37	0.46	287	0.044	1	1.61	0.018	0.06	0.5	0.04	5.0	<0.1	<0.05	4	<0.5	<0.2
1336308	Soil	16	39	0.59	330	0.044	1	1.44	0.014	0.06	0.3	0.05	5.3	<0.1	<0.05	4	0.6	<0.2
1336295	Soil	14	51	0.54	209	0.038	<1	1.51	0.012	0.05	0.2	0.04	5.0	<0.1	<0.05	4	<0.5	<0.2
1336294	Soil	12	35	0.46	206	0.030	1	1.21	0.013	0.04	0.1	0.03	4.2	<0.1	<0.05	4	0.6	<0.2
1336301	Rock Pulp	15	766	0.15	155	0.158	4	3.79	0.013	0.08	<0.1	0.03	43.0	0.1	<0.05	18	<0.5	<0.2
1336303	Soil	21	31	1.27	345	0.046	<1	2.22	0.008	0.11	<0.1	<0.01	8.2	<0.1	<0.05	8	<0.5	<0.2
1336310	Soil	15	37	0.79	324	0.089	1	1.77	0.025	0.10	0.2	0.03	5.9	<0.1	<0.05	5	<0.5	<0.2
1336291	Soil	11	30	0.46	202	0.045	1	1.31	0.017	0.04	0.2	0.04	3.3	<0.1	<0.05	4	<0.5	<0.2
1336311	Soil	16	22	1.00	254	0.120	<1	1.76	0.011	0.54	0.1	0.01	7.1	0.1	<0.05	6	<0.5	<0.2
1336318	Soil	29	27	0.47	163	0.036	<1	1.38	0.009	0.07	<0.1	0.02	5.8	0.1	<0.05	4	<0.5	<0.2
1336309	Soil	16	36	0.81	400	0.080	<1	1.82	0.022	0.09	0.2	0.05	6.4	0.1	<0.05	6	<0.5	<0.2
1336307	Soil	18	39	0.54	282	0.043	<1	1.65	0.017	0.06	0.2	0.04	5.5	<0.1	<0.05	5	<0.5	<0.2
1336306	Soil	13	109	1.91	391	0.135	<1	2.40	0.020	0.56	<0.1	<0.01	11.4	0.2	<0.05	8	<0.5	<0.2
1336305	Soil	18	80	1.74	375	0.146	<1	2.54	0.017	0.40	0.1	0.03	12.8	0.2	<0.05	8	<0.5	<0.2
1336296	Soil	14	35	0.48	211	0.045	<1	1.48	0.016	0.04	0.2	0.03	4.9	<0.1	<0.05	5	<0.5	<0.2
1336304	Soil	21	40	0.72	238	0.028	<1	1.49	0.010	0.09	0.1	0.05	8.2	<0.1	<0.05	5	0.7	<0.2
1336658	Soil	17	27	0.48	262	0.061	<1	1.35	0.010	0.08	<0.1	0.03	4.0	0.1	<0.05	4	0.7	<0.2
1336665	Soil	14	25	0.33	177	0.053	<1	1.29	0.008	0.07	0.1	0.01	3.1	0.1	<0.05	5	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1336656	Soil	1.5	36.8	12.4	58	0.3	28.7	9.2	407	2.82	7.7	1.4	2.7	3.1	27	0.1	0.5	0.1	56	0.35	0.052
1336655	Soil	1.4	24.5	9.8	55	0.1	22.4	8.2	352	2.50	5.6	0.8	2.6	3.6	19	0.1	0.4	0.1	49	0.26	0.041
1336657	Soil	1.2	32.9	8.4	55	0.1	20.6	7.7	325	2.40	5.1	1.0	4.4	2.2	15	0.1	0.4	0.1	49	0.16	0.037
1336661	Soil	1.5	52.3	7.3	68	0.6	33.3	10.1	399	2.78	4.2	0.7	5.3	2.8	14	<0.1	0.4	0.1	51	0.12	0.025
1336666	Soil	1.0	27.0	7.4	56	0.1	20.2	8.5	437	2.39	5.2	0.8	0.8	3.0	17	<0.1	0.4	0.1	46	0.20	0.043
1336664	Soil	1.5	39.7	10.0	59	<0.1	23.3	9.6	499	2.68	6.3	0.9	1.8	3.3	15	0.2	0.5	0.1	54	0.13	0.033
1336659	Soil	1.9	55.6	11.5	90	1.1	42.4	15.9	1366	3.14	4.5	1.5	4.5	1.2	18	0.3	0.5	0.2	53	0.16	0.064
1336660	Soil	1.4	52.6	10.1	60	0.2	22.9	7.8	288	2.71	4.7	0.9	3.8	3.5	12	<0.1	0.5	0.2	54	0.09	0.019
1336663	Soil	2.0	61.2	12.8	70	0.1	26.1	12.1	624	3.00	6.3	1.6	1.7	3.2	19	0.1	0.7	0.2	63	0.16	0.053
1336662	Soil	1.6	56.0	10.8	65	0.2	27.8	8.6	437	2.88	5.6	1.4	3.1	3.7	17	<0.1	0.6	0.2	61	0.15	0.032
1336668	Soil	0.9	35.7	10.2	68	0.2	22.3	7.7	301	2.58	4.5	0.8	7.6	4.3	15	<0.1	0.4	0.2	51	0.16	0.031
1336669	Soil	0.9	35.9	11.6	75	0.1	28.0	10.6	327	3.04	4.6	0.9	3.6	6.1	14	<0.1	0.4	0.2	51	0.16	0.036
1336667	Soil	1.9	39.0	12.2	66	0.2	26.3	13.2	718	3.13	6.9	1.1	5.7	3.9	18	<0.1	0.5	0.2	65	0.19	0.043
1336425	Soil	1.9	70.4	13.7	107	0.6	31.9	7.8	243	2.96	6.7	0.7	5.5	3.9	9	0.4	0.6	0.2	52	0.07	0.024
1336414	Soil	0.9	27.4	16.3	89	0.2	30.7	12.8	480	3.68	4.8	1.4	2.3	8.3	25	<0.1	0.4	0.2	58	0.37	0.043
1336423	Soil	1.6	49.1	12.5	81	0.3	35.1	13.5	349	3.38	14.6	0.8	6.1	5.5	14	0.3	0.9	0.2	75	0.13	0.020
1336409	Soil	0.9	21.2	17.5	78	0.2	23.6	10.4	372	3.22	16.9	1.3	6.1	5.3	20	0.1	1.5	0.2	60	0.25	0.051
1336410	Soil	0.6	21.8	16.2	74	0.1	25.4	13.5	538	3.15	10.3	1.1	2.7	6.1	19	<0.1	1.0	0.2	56	0.26	0.049
1336413	Soil	0.7	27.2	13.2	83	0.2	30.7	13.0	662	3.56	5.2	1.3	1.0	7.1	28	0.2	0.4	0.2	53	0.37	0.051
1336405	Soil	0.8	22.3	17.1	79	0.1	26.3	12.0	429	3.34	10.8	1.2	0.6	6.1	16	<0.1	2.3	0.3	53	0.17	0.040
1336424	Soil	2.0	67.3	12.5	107	0.5	28.8	7.3	230	2.93	6.2	0.6	3.9	3.6	9	0.3	0.6	0.2	50	0.07	0.022
1336419	Soil	0.6	25.9	17.9	87	<0.1	30.0	14.2	527	3.76	5.9	0.9	8.7	10.0	16	<0.1	0.4	0.2	56	0.22	0.032
1336421	Soil	0.5	30.3	11.9	76	<0.1	28.7	13.0	442	3.44	4.3	1.3	2.6	10.2	20	0.2	0.3	0.2	53	0.29	0.038
1336408	Soil	0.7	19.6	15.6	76	0.1	24.0	10.5	408	2.99	12.6	1.0	2.3	6.4	19	<0.1	1.5	0.2	51	0.23	0.044
1336417	Soil	0.8	25.3	23.2	104	0.1	29.5	13.3	492	3.57	7.5	0.9	1.5	8.4	20	0.3	0.4	0.2	55	0.25	0.039
1336416	Soil	0.7	28.6	24.0	100	0.2	31.7	14.3	732	3.63	7.3	1.3	3.8	10.3	22	0.2	0.4	0.2	57	0.39	0.047
1336422	Soil	2.0	50.2	12.7	78	0.3	22.6	7.9	248	2.86	7.1	1.0	11.0	2.0	18	0.4	0.6	0.2	54	0.21	0.038
1336420	Soil	0.7	28.7	14.7	74	<0.1	29.0	13.2	551	3.32	5.8	1.1	3.3	8.0	21	0.1	0.3	0.2	55	0.27	0.036
1336418	Soil	0.6	26.7	17.3	86	<0.1	29.3	13.8	486	3.44	6.6	0.9	1.4	8.7	21	0.1	0.4	0.2	56	0.30	0.048
1336407	Soil	0.7	18.5	15.5	65	0.2	21.5	10.0	321	2.75	8.0	1.3	0.9	5.0	19	<0.1	1.3	0.2	53	0.22	0.040

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1336656	Soil	18	37	0.52	448	0.051	<1	1.75	0.013	0.06	0.1	0.05	5.5	0.1	<0.05	5	<0.5	<0.2
1336655	Soil	16	30	0.51	290	0.055	<1	1.49	0.010	0.08	0.1	0.03	4.3	<0.1	<0.05	5	<0.5	<0.2
1336657	Soil	14	29	0.46	229	0.053	<1	1.61	0.010	0.05	0.1	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
1336661	Soil	11	28	0.51	301	0.072	<1	1.54	0.006	0.12	<0.1	0.02	2.9	0.1	<0.05	5	0.9	<0.2
1336666	Soil	15	28	0.48	211	0.064	<1	1.41	0.009	0.10	0.1	0.03	3.4	0.1	<0.05	4	<0.5	<0.2
1336664	Soil	13	30	0.44	221	0.054	<1	1.57	0.011	0.07	0.1	0.03	4.0	0.1	<0.05	5	0.5	<0.2
1336659	Soil	17	30	0.41	354	0.036	2	1.70	0.008	0.10	0.1	0.05	3.9	0.1	<0.05	5	0.9	<0.2
1336660	Soil	12	32	0.58	334	0.080	1	1.62	0.006	0.12	<0.1	0.03	3.8	0.1	<0.05	5	<0.5	<0.2
1336663	Soil	17	31	0.48	227	0.050	1	1.59	0.008	0.08	0.1	0.03	4.1	<0.1	0.05	5	<0.5	<0.2
1336662	Soil	16	35	0.56	344	0.069	2	1.52	0.007	0.09	<0.1	0.03	4.1	<0.1	<0.05	5	<0.5	<0.2
1336668	Soil	18	31	0.55	275	0.096	2	1.36	0.007	0.17	0.1	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
1336669	Soil	24	34	0.67	302	0.127	2	1.85	0.009	0.30	0.1	0.03	3.6	0.2	<0.05	6	<0.5	<0.2
1336667	Soil	20	38	0.59	228	0.093	<1	1.95	0.005	0.18	0.1	0.02	4.5	0.2	<0.05	6	0.7	<0.2
1336425	Soil	12	27	0.32	620	0.041	2	1.21	0.005	0.08	<0.1	0.03	3.1	0.1	<0.05	4	0.9	<0.2
1336414	Soil	36	42	0.74	247	0.156	2	2.28	0.013	0.33	0.1	0.04	5.4	0.3	<0.05	7	<0.5	<0.2
1336423	Soil	14	44	0.61	417	0.073	2	2.45	0.008	0.09	0.1	0.06	5.2	0.1	<0.05	6	0.6	<0.2
1336409	Soil	29	37	0.64	194	0.096	<1	2.17	0.011	0.17	0.1	0.09	4.7	0.2	<0.05	7	<0.5	<0.2
1336410	Soil	28	36	0.63	210	0.096	<1	2.00	0.009	0.19	0.1	0.05	4.3	0.2	<0.05	6	<0.5	<0.2
1336413	Soil	36	38	0.71	264	0.136	1	2.16	0.012	0.30	0.1	0.04	4.9	0.3	0.05	6	<0.5	<0.2
1336405	Soil	27	34	0.65	168	0.107	<1	2.03	0.009	0.28	0.1	0.04	4.1	0.3	<0.05	6	<0.5	<0.2
1336424	Soil	12	25	0.30	603	0.039	<1	1.18	0.004	0.07	<0.1	0.03	3.0	0.1	<0.05	4	0.6	<0.2
1336419	Soil	29	40	0.84	210	0.160	1	2.38	0.010	0.34	0.1	0.02	4.4	0.4	<0.05	7	<0.5	<0.2
1336421	Soil	34	37	0.80	239	0.160	<1	1.96	0.012	0.35	0.1	0.02	4.8	0.3	<0.05	6	<0.5	<0.2
1336408	Soil	27	35	0.62	175	0.111	<1	1.96	0.009	0.30	0.1	0.05	4.1	0.3	<0.05	6	<0.5	<0.2
1336417	Soil	27	39	0.66	213	0.166	<1	1.92	0.013	0.33	0.1	0.03	4.3	0.3	<0.05	6	<0.5	<0.2
1336416	Soil	37	42	0.78	265	0.181	<1	2.18	0.013	0.48	0.1	0.04	5.4	0.3	<0.05	7	<0.5	<0.2
1336422	Soil	15	30	0.40	547	0.043	1	1.60	0.009	0.07	0.1	0.04	3.5	0.1	<0.05	5	0.6	<0.2
1336420	Soil	32	38	0.71	236	0.126	1	1.96	0.011	0.27	0.1	0.03	5.0	0.2	<0.05	6	<0.5	<0.2
1336418	Soil	29	37	0.75	251	0.164	1	1.80	0.015	0.36	0.2	0.02	4.4	0.3	<0.05	6	<0.5	<0.2
1336407	Soil	30	33	0.59	210	0.087	<1	2.02	0.011	0.17	0.1	0.05	4.4	0.2	<0.05	6	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336406	Soil	0.8	19.7	13.9	69	0.1	23.8	10.3	370	3.12	8.5	1.2	2.8	5.4	19	<0.1	1.9	0.2	50	0.18	0.040
1336412	Soil	0.7	20.1	13.4	73	0.1	25.2	12.3	454	3.13	5.0	1.1	5.4	7.7	21	<0.1	0.3	0.2	47	0.27	0.040
1336415	Soil	0.8	24.7	15.9	79	0.2	27.1	12.0	515	3.25	5.7	1.2	5.1	6.9	26	<0.1	0.4	0.2	55	0.44	0.048
1337218	Soil	1.1	37.3	10.1	62	0.1	22.5	8.3	321	2.47	4.5	0.9	4.0	4.7	15	<0.1	0.4	0.2	45	0.17	0.032
1336411	Soil	0.6	23.6	14.6	76	<0.1	27.3	12.0	479	3.36	10.9	1.2	2.6	10.4	22	<0.1	0.9	0.2	46	0.31	0.040
1336426	Soil	1.6	30.8	12.9	60	0.4	21.6	9.7	264	3.14	9.8	0.6	3.3	3.5	14	0.2	0.7	0.2	71	0.11	0.024
1336428	Soil	1.3	44.2	11.1	67	0.3	27.8	9.2	273	2.94	7.5	0.8	7.0	4.3	16	0.2	0.6	0.2	61	0.16	0.032
1336427	Soil	2.6	66.9	11.8	91	0.4	23.8	4.6	142	2.26	3.4	0.8	6.7	3.5	7	0.1	0.5	0.1	32	0.04	0.027
1337217	Soil	1.2	32.4	11.9	60	0.2	21.4	8.0	264	2.71	5.3	0.9	4.9	5.0	17	<0.1	0.5	0.2	51	0.18	0.031
1336429	Soil	1.1	41.0	9.3	59	0.1	19.1	5.0	168	2.16	3.6	0.5	5.9	2.9	8	<0.1	0.4	0.1	42	0.07	0.020
1337097	Soil	1.0	33.7	16.8	86	0.1	26.0	14.1	877	3.24	4.0	1.2	2.2	16.1	11	<0.1	0.5	0.2	10	0.10	0.028
1337102	Soil	1.1	24.8	9.2	36	0.2	16.5	5.9	537	1.77	5.7	0.6	2.2	2.2	13	0.1	0.5	0.2	42	0.13	0.023
1337105	Soil	1.4	66.4	9.5	92	0.1	61.3	15.8	847	3.12	4.9	0.9	12.2	4.5	14	0.1	0.5	0.2	63	0.24	0.028
1337095	Soil	0.4	41.7	14.4	84	0.2	35.0	19.9	733	3.14	0.9	1.4	0.7	14.6	9	<0.1	<0.1	0.3	17	0.15	0.035
1337106	Soil	1.1	46.0	9.8	78	0.3	40.3	11.5	486	3.30	6.6	0.6	2.5	3.6	20	0.1	0.6	0.2	57	0.27	0.050
1337100	Soil	1.1	38.7	12.1	60	0.1	54.1	11.0	601	2.48	16.1	0.5	5.8	2.9	14	0.1	1.7	0.1	46	0.21	0.023
1337098	Soil	0.3	26.8	9.2	70	<0.1	46.8	22.1	1107	2.85	0.5	0.6	0.8	13.9	5	<0.1	<0.1	<0.1	25	0.11	0.028
1337092	Soil	0.8	33.0	14.1	62	<0.1	46.6	16.5	1251	3.04	1.3	1.1	1.2	11.8	15	<0.1	0.2	0.2	17	0.15	0.038
1337094	Soil	2.4	41.4	7.4	75	0.2	35.6	10.2	540	2.93	4.2	0.7	<0.5	3.4	15	0.1	0.2	0.2	41	0.10	0.031
1337093	Soil	1.6	34.9	9.2	63	<0.1	42.6	11.0	486	2.86	3.6	1.0	<0.5	6.5	24	<0.1	0.2	0.2	33	0.15	0.026
1337055	Soil	0.8	26.5	2.6	49	<0.1	10.3	16.7	353	4.50	5.8	0.2	<0.5	1.2	7	<0.1	0.3	<0.1	115	0.25	0.019
1337056	Soil	0.6	27.4	7.1	49	<0.1	17.4	14.8	571	3.70	3.8	0.9	0.8	6.0	13	<0.1	0.3	0.1	73	0.48	0.028
1337096	Soil	0.6	22.7	23.0	69	<0.1	22.6	11.1	486	2.71	1.9	1.0	<0.5	12.6	7	<0.1	0.2	0.2	23	0.14	0.028
1337103	Soil	1.2	22.7	7.4	47	0.4	21.7	6.8	749	1.95	5.2	0.5	10.3	1.9	13	0.1	0.4	<0.1	40	0.17	0.034
1337058	Soil	0.7	19.9	2.8	62	<0.1	13.9	15.1	666	4.15	1.1	0.5	<0.5	5.2	9	<0.1	0.2	<0.1	71	0.33	0.047
1337101	Rock Pulp	1.2	490.7	17.1	59	0.3	248.1	87.6	916	15.86	4.3	0.9	43.9	6.0	13	<0.1	0.4	0.1	210	0.39	0.038
1337091	Soil	0.7	31.4	18.2	64	<0.1	31.7	17.0	1409	3.23	0.8	1.5	1.2	15.8	14	<0.1	0.1	0.2	11	0.18	0.053
1337104	Soil	0.8	31.0	8.1	57	0.1	34.2	10.6	357	2.38	6.4	0.5	3.8	3.2	15	<0.1	0.5	0.1	53	0.18	0.015
1337047	Soil	1.1	33.8	11.2	69	0.1	30.0	11.7	298	2.92	9.9	1.0	3.6	3.9	25	0.2	0.7	0.1	55	0.44	0.054
1337039	Soil	0.4	20.5	18.9	63	0.2	23.2	8.4	217	2.31	7.7	0.8	3.4	3.3	23	0.2	0.6	0.1	51	0.47	0.045

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336406	Soil	27	33	0.61	171	0.098	1	1.96	0.010	0.23	0.1	0.05	4.0	0.2	<0.05	6	<0.5	<0.2
1336412	Soil	31	35	0.64	230	0.130	<1	1.98	0.010	0.23	<0.1	0.03	4.4	0.2	<0.05	6	<0.5	<0.2
1336415	Soil	30	38	0.66	255	0.132	1	2.03	0.014	0.22	0.1	0.03	5.0	0.2	0.05	6	<0.5	<0.2
1337218	Soil	19	30	0.57	397	0.092	<1	1.47	0.007	0.20	<0.1	0.02	3.8	0.1	<0.05	4	<0.5	<0.2
1336411	Soil	34	36	0.75	208	0.157	<1	2.10	0.011	0.46	<0.1	0.03	4.7	0.3	<0.05	6	<0.5	<0.2
1336426	Soil	13	33	0.34	389	0.058	<1	2.24	0.009	0.05	0.1	0.05	3.9	0.2	<0.05	7	0.7	<0.2
1336428	Soil	16	37	0.55	512	0.072	1	2.01	0.009	0.11	0.1	0.04	4.7	0.1	<0.05	5	0.6	<0.2
1336427	Soil	13	15	0.22	321	0.033	<1	0.57	0.004	0.14	<0.1	0.02	2.4	0.1	0.05	2	1.6	<0.2
1337217	Soil	21	31	0.58	322	0.090	1	1.83	0.008	0.19	<0.1	0.03	4.0	0.2	<0.05	5	0.5	<0.2
1336429	Soil	13	26	0.47	236	0.074	<1	1.26	0.006	0.19	<0.1	0.02	2.5	0.2	<0.05	4	0.7	<0.2
1337097	Soil	42	7	0.10	169	0.002	<1	0.42	0.003	0.08	<0.1	0.02	7.5	0.1	<0.05	<1	<0.5	<0.2
1337102	Soil	13	19	0.22	221	0.031	<1	0.94	0.013	0.07	0.1	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
1337105	Soil	21	58	0.92	350	0.076	2	1.63	0.007	0.22	0.2	0.03	6.7	0.2	<0.05	5	0.6	<0.2
1337095	Soil	39	12	0.48	112	0.022	2	0.92	0.005	0.25	<0.1	0.01	5.6	0.2	<0.05	3	<0.5	<0.2
1337106	Soil	19	42	0.82	457	0.067	2	2.09	0.010	0.27	0.1	0.02	3.6	0.2	<0.05	7	<0.5	<0.2
1337100	Soil	14	50	0.50	376	0.030	1	1.24	0.009	0.06	1.9	0.02	3.8	<0.1	<0.05	4	0.5	<0.2
1337098	Soil	47	17	0.74	118	0.032	1	1.34	0.007	0.26	<0.1	0.01	5.2	0.2	<0.05	4	<0.5	<0.2
1337092	Soil	41	20	0.21	268	0.005	1	0.58	0.004	0.14	<0.1	0.03	7.1	0.1	<0.05	2	<0.5	<0.2
1337094	Soil	13	26	0.27	235	0.007	1	1.05	0.005	0.07	<0.1	0.02	3.4	<0.1	<0.05	3	<0.5	<0.2
1337093	Soil	22	27	0.35	250	0.020	<1	0.93	0.007	0.09	<0.1	0.02	5.3	<0.1	<0.05	3	<0.5	<0.2
1337055	Soil	4	14	1.04	186	0.142	<1	2.42	0.017	0.22	<0.1	0.02	6.1	0.1	<0.05	7	<0.5	<0.2
1337056	Soil	24	26	0.53	648	0.033	1	1.73	0.010	0.19	<0.1	0.05	13.6	0.1	<0.05	6	<0.5	<0.2
1337096	Soil	39	16	0.46	105	0.023	<1	1.02	0.005	0.13	<0.1	<0.01	4.3	0.1	<0.05	3	<0.5	<0.2
1337103	Soil	11	23	0.34	253	0.033	1	1.14	0.014	0.07	0.2	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
1337058	Soil	16	22	0.76	394	0.092	<1	1.33	0.011	0.56	<0.1	0.02	13.2	0.2	<0.05	5	<0.5	<0.2
1337101	Rock Pulp	16	768	0.16	162	0.191	6	3.73	0.014	0.07	<0.1	0.03	45.4	0.1	<0.05	18	0.7	<0.2
1337091	Soil	56	8	0.10	216	0.001	<1	0.35	0.003	0.11	<0.1	0.04	7.0	0.1	<0.05	<1	<0.5	<0.2
1337104	Soil	12	36	0.57	270	0.054	<1	1.62	0.008	0.07	0.2	0.02	4.3	<0.1	<0.05	4	<0.5	<0.2
1337047	Soil	16	33	0.59	328	0.073	<1	1.52	0.018	0.11	0.2	0.04	5.5	<0.1	<0.05	5	0.5	<0.2
1337039	Soil	14	42	0.51	231	0.044	1	1.43	0.011	0.04	0.2	0.03	5.2	<0.1	<0.05	4	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1337046	Soil	0.8	21.8	8.2	78	0.1	20.6	10.9	364	3.22	4.4	0.7	4.6	3.9	19	<0.1	0.3	0.1	63	0.43	0.061
1337090	Soil	0.7	29.3	14.8	77	<0.1	35.5	16.1	748	3.71	1.0	1.4	0.9	16.3	12	<0.1	0.1	0.2	15	0.19	0.058
1337061	Soil	0.9	9.3	7.9	69	<0.1	9.7	13.9	760	4.20	5.6	1.9	0.8	12.5	10	<0.1	0.9	<0.1	52	0.30	0.029
1337043	Soil	0.7	34.7	11.7	75	0.2	31.4	11.4	397	3.25	7.9	0.9	2.6	9.3	31	0.1	1.1	0.2	53	0.60	0.047
1337045	Soil	0.8	28.7	15.5	74	0.2	35.6	14.1	614	3.43	8.1	0.8	1.7	6.0	60	0.2	1.1	0.1	64	1.82	0.059
1337099	Soil	1.2	45.6	35.8	75	0.4	274.3	22.8	889	2.78	10.0	1.0	3.3	1.6	26	0.3	1.1	0.1	50	0.74	0.048
1337042	Soil	0.7	29.2	10.9	58	0.2	27.9	9.8	308	2.74	6.5	1.2	1.2	5.3	27	<0.1	0.6	0.1	51	0.53	0.052
1337041	Soil	0.7	19.9	8.5	46	0.1	21.6	12.2	439	2.52	7.9	0.9	3.5	2.4	45	<0.1	0.6	0.1	47	0.80	0.069
1337050	Soil	0.7	19.4	7.6	58	0.1	19.5	9.6	331	2.44	5.9	0.9	3.2	2.9	27	0.1	0.5	0.1	52	0.51	0.056
1337040	Soil	0.3	17.5	14.4	61	0.1	18.9	7.8	221	1.94	6.1	0.7	5.2	4.0	22	0.2	0.8	0.1	50	0.46	0.035
1337060	Soil	0.8	16.0	6.3	49	<0.1	10.4	11.1	608	3.23	4.0	0.8	<0.5	6.2	15	<0.1	0.3	0.1	53	0.38	0.027
1337051	Rock Pulp	1.2	491.9	16.4	56	0.2	237.4	86.5	896	15.77	3.1	1.0	41.2	5.7	12	<0.1	0.3	0.1	214	0.39	0.036
1337059	Soil	0.8	10.8	5.0	61	<0.1	7.9	10.9	455	3.95	2.8	0.6	<0.5	6.0	6	<0.1	0.2	<0.1	71	0.13	0.016
1337049	Soil	0.6	39.3	29.9	75	0.5	32.7	11.9	799	2.12	7.8	0.8	3.9	1.7	27	0.4	0.8	0.4	49	0.44	0.052
1337057	Soil	0.5	5.9	5.1	45	<0.1	6.3	8.9	403	2.79	1.9	0.6	<0.5	6.1	7	<0.1	0.3	<0.1	48	0.20	0.017
1337044	Soil	0.6	24.1	12.7	60	<0.1	27.7	11.6	397	3.09	5.4	0.9	0.6	8.1	22	0.1	0.4	0.1	56	0.43	0.025
1337054	Soil	0.4	33.5	4.7	90	0.1	21.2	25.3	1276	5.67	1.2	0.7	<0.5	4.8	16	<0.1	0.3	<0.1	121	0.44	0.043
1337053	Soil	0.9	13.0	10.6	63	<0.1	9.6	9.7	557	3.30	3.3	0.9	<0.5	8.0	11	<0.1	0.7	<0.1	39	0.26	0.038
1337117	Soil	1.4	57.2	98.0	153	1.3	53.3	14.1	465	3.34	24.3	1.1	8.9	4.6	24	0.8	1.8	1.0	62	0.37	0.047
1337127	Soil	0.9	44.5	12.9	55	0.1	39.3	11.2	359	2.60	5.2	1.0	6.0	4.2	25	<0.1	0.5	0.2	58	0.39	0.034
1337048	Soil	1.3	42.9	13.9	76	0.1	34.9	10.8	401	2.85	5.9	1.3	6.0	5.0	29	<0.1	0.6	0.2	57	0.42	0.044
1337052	Soil	1.0	22.6	7.6	36	0.1	21.3	25.6	>10000	3.47	4.9	1.1	2.6	2.0	46	0.2	0.5	<0.1	44	0.89	0.074
1337133	Soil	1.2	30.2	11.7	72	<0.1	35.7	13.5	453	2.94	2.9	1.3	2.2	10.5	14	<0.1	0.3	0.2	41	0.15	0.026
1337141	Soil	1.0	70.5	9.1	86	<0.1	46.7	14.0	884	2.66	2.1	1.1	2.2	5.8	21	<0.1	0.2	0.2	52	0.20	0.015
1337123	Soil	0.9	34.6	34.6	93	0.2	35.8	10.9	364	2.63	14.0	0.6	3.2	4.2	15	0.2	0.7	0.5	62	0.19	0.018
1337109	Soil	0.7	33.4	16.9	83	<0.1	29.4	13.0	591	2.99	3.3	1.3	2.9	13.8	15	<0.1	0.3	0.2	32	0.23	0.045
1337138	Soil	1.5	53.1	11.5	91	<0.1	43.7	14.0	740	2.81	3.0	0.7	2.0	5.4	13	<0.1	0.3	0.2	46	0.17	0.019
1337129	Soil	1.2	29.4	9.4	59	<0.1	30.9	10.6	415	2.64	3.4	1.5	2.6	6.5	14	<0.1	0.2	0.2	42	0.19	0.032
1337139	Soil	2.8	54.0	13.5	113	<0.1	46.5	13.1	530	3.36	3.0	1.0	<0.5	8.1	10	0.2	0.2	0.2	59	0.07	0.027
1337130	Soil	0.9	34.1	9.8	60	<0.1	39.3	12.3	376	2.48	2.7	1.7	1.7	6.6	19	0.1	0.2	0.1	47	0.33	0.034

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1337046	Soil	15	41	1.16	320	0.132	2	2.09	0.014	0.49	0.2	0.03	9.8	0.1	<0.05	6	<0.5	<0.2
1337090	Soil	56	15	0.17	177	0.006	<1	0.53	0.005	0.15	<0.1	0.02	6.6	0.1	<0.05	1	<0.5	<0.2
1337061	Soil	32	11	0.40	236	0.034	<1	1.15	0.005	0.31	0.1	0.05	12.1	0.1	<0.05	5	<0.5	<0.2
1337043	Soil	41	43	0.59	209	0.052	1	1.74	0.015	0.08	0.1	0.05	7.0	<0.1	<0.05	5	<0.5	<0.2
1337045	Soil	27	38	0.54	213	0.027	1	1.49	0.012	0.08	1.3	0.05	9.3	<0.1	<0.05	5	<0.5	<0.2
1337099	Soil	13	215	1.15	383	0.031	2	1.46	0.013	0.07	0.2	0.04	5.8	<0.1	<0.05	4	0.5	<0.2
1337042	Soil	29	41	0.62	280	0.064	<1	2.04	0.016	0.08	0.1	0.04	5.7	0.1	<0.05	6	<0.5	<0.2
1337041	Soil	14	29	0.44	224	0.041	1	1.37	0.016	0.04	0.2	0.04	3.9	<0.1	<0.05	4	<0.5	<0.2
1337050	Soil	14	24	0.46	353	0.046	1	1.45	0.017	0.08	0.2	0.04	4.6	<0.1	<0.05	4	<0.5	<0.2
1337040	Soil	13	41	0.48	188	0.051	<1	1.52	0.013	0.05	0.2	0.04	4.7	<0.1	<0.05	5	<0.5	<0.2
1337060	Soil	20	17	0.51	368	0.063	<1	1.31	0.011	0.27	<0.1	0.02	8.0	0.1	<0.05	5	<0.5	<0.2
1337051	Rock Pulp	15	757	0.15	157	0.152	4	3.63	0.013	0.08	<0.1	0.04	43.4	0.1	<0.05	17	0.6	<0.2
1337059	Soil	18	12	0.88	185	0.156	<1	1.82	0.007	0.64	<0.1	<0.01	6.2	0.2	<0.05	7	<0.5	<0.2
1337049	Soil	13	54	0.58	321	0.040	<1	1.54	0.012	0.05	0.2	0.06	4.7	<0.1	<0.05	4	0.8	<0.2
1337057	Soil	19	13	0.47	216	0.073	<1	1.06	0.007	0.38	<0.1	<0.01	4.5	0.1	<0.05	5	<0.5	<0.2
1337044	Soil	31	48	0.69	199	0.047	<1	1.84	0.012	0.06	<0.1	0.03	5.0	<0.1	<0.05	6	<0.5	<0.2
1337054	Soil	18	32	1.56	1150	0.118	1	2.07	0.008	0.65	<0.1	0.04	16.6	0.4	<0.05	7	<0.5	<0.2
1337053	Soil	25	12	0.25	274	0.023	1	0.82	0.006	0.15	0.1	0.03	6.7	<0.1	<0.05	3	<0.5	<0.2
1337117	Soil	18	81	0.77	328	0.056	3	1.90	0.013	0.09	0.2	0.04	6.8	<0.1	<0.05	6	1.1	0.2
1337127	Soil	17	69	0.81	337	0.074	3	1.75	0.013	0.06	<0.1	0.03	5.1	<0.1	<0.05	6	0.5	<0.2
1337048	Soil	20	46	0.75	359	0.081	2	1.87	0.014	0.09	0.2	0.05	6.1	<0.1	<0.05	6	1.2	<0.2
1337052	Soil	15	16	0.32	1352	0.032	4	1.37	0.015	0.08	0.1	0.09	5.5	<0.1	0.06	4	0.9	<0.2
1337133	Soil	30	38	0.60	254	0.095	1	1.51	0.008	0.22	<0.1	0.01	4.7	0.2	<0.05	5	1.5	<0.2
1337141	Soil	26	40	1.03	560	0.116	3	1.70	0.006	0.16	<0.1	0.02	7.1	0.2	<0.05	6	<0.5	<0.2
1337123	Soil	14	65	0.80	229	0.077	2	1.89	0.010	0.08	<0.1	0.03	4.0	0.1	<0.05	5	<0.5	0.4
1337109	Soil	45	27	0.55	155	0.045	2	1.14	0.009	0.18	<0.1	0.02	6.2	0.1	<0.05	4	<0.5	<0.2
1337138	Soil	19	32	0.53	410	0.047	<1	1.31	0.009	0.17	<0.1	0.01	3.7	0.2	<0.05	5	1.3	<0.2
1337129	Soil	23	41	0.67	191	0.101	2	1.56	0.009	0.23	<0.1	0.02	3.4	0.2	<0.05	5	1.6	<0.2
1337139	Soil	26	39	0.52	262	0.034	<1	1.72	0.005	0.16	<0.1	0.02	3.9	0.3	<0.05	4	1.1	<0.2
1337130	Soil	23	60	0.76	192	0.115	2	1.71	0.010	0.28	<0.1	0.04	3.6	0.2	<0.05	5	0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1337131	Soil	0.8	23.7	10.9	58	<0.1	33.4	10.3	314	2.75	2.9	1.5	1.3	7.3	16	<0.1	0.2	0.2	45	0.26	0.035
1337114	Soil	1.2	35.3	13.1	64	0.1	35.5	13.1	376	2.59	3.6	2.6	4.6	5.8	25	0.1	0.3	0.2	53	0.39	0.046
1337124	Soil	0.8	32.0	17.8	72	0.1	36.0	10.3	386	2.44	6.3	0.7	1.3	5.1	16	0.2	0.4	0.2	50	0.28	0.034
1337118	Soil	0.7	65.5	7.8	92	<0.1	32.9	23.1	1008	3.83	0.8	1.3	4.3	9.4	18	0.2	0.2	0.1	109	0.40	0.053
1337137	Soil	1.7	46.0	13.9	77	<0.1	41.2	14.0	608	3.37	5.1	0.5	1.6	5.2	9	0.2	0.3	0.2	78	0.10	0.024
1337111	Soil	0.9	27.0	17.4	75	<0.1	22.7	10.0	580	2.78	3.2	1.4	1.6	12.2	11	<0.1	0.3	0.1	23	0.20	0.042
1337115	Soil	1.3	35.6	11.3	58	0.1	46.3	14.7	583	2.64	4.7	1.7	3.6	4.6	25	0.2	0.4	0.2	52	0.36	0.044
1337116	Soil	1.2	41.7	29.2	73	0.1	42.4	11.5	338	2.62	7.3	0.9	2.5	5.2	22	0.2	0.6	0.3	53	0.35	0.040
1337108	Soil	0.7	39.0	35.1	117	<0.1	40.1	18.3	1338	4.19	0.8	1.7	1.4	18.3	12	<0.1	0.2	0.2	32	0.18	0.045
1337107	Soil	1.2	34.8	10.7	65	<0.1	32.6	14.3	1093	3.23	<0.5	1.2	1.4	14.9	8	<0.1	<0.1	0.2	16	0.07	0.025
1337136	Soil	0.5	6.3	4.2	90	<0.1	899.8	58.3	1280	4.68	<0.5	0.3	1.7	6.6	189	0.2	<0.1	<0.1	65	4.77	0.045
1337112	Soil	0.7	37.3	8.6	67	<0.1	50.5	14.7	541	2.84	2.1	1.1	2.6	5.6	20	<0.1	0.2	0.1	54	0.35	0.044
1337140	Soil	1.1	65.0	11.8	98	0.1	67.4	17.1	703	3.13	1.9	1.0	3.0	8.2	19	<0.1	0.2	0.2	62	0.13	0.019
1337134	Soil	0.7	26.2	9.5	64	<0.1	31.4	10.2	372	2.74	3.9	1.1	1.1	8.9	20	<0.1	0.2	0.2	40	0.30	0.045
1337142	Soil	1.2	54.2	8.8	85	<0.1	46.2	13.2	527	2.89	4.9	1.4	3.6	5.3	21	0.1	0.5	0.1	66	0.23	0.021
1337121	Soil	1.0	37.9	42.7	115	0.3	51.7	12.0	417	2.64	7.7	0.6	5.1	3.3	18	0.4	0.8	0.5	63	0.28	0.018
1337143	Soil	0.8	42.2	10.6	71	<0.1	33.8	11.3	520	2.87	3.0	0.9	<0.5	6.2	15	0.1	0.3	0.2	52	0.17	0.024
1337132	Soil	1.4	42.4	8.6	96	<0.1	35.6	12.5	573	3.78	0.7	1.5	4.3	7.8	19	0.2	0.2	0.2	48	0.24	0.054
1337144	Soil	1.3	43.0	7.6	69	<0.1	34.1	11.8	643	2.25	2.6	0.6	1.5	3.6	18	0.1	0.2	0.1	44	0.11	0.016
1337113	Soil	0.9	27.8	11.9	60	<0.1	32.2	12.2	819	2.36	1.4	1.8	2.3	7.1	24	0.2	0.3	0.2	47	0.37	0.038
1337122	Soil	0.9	41.4	30.0	123	0.4	60.3	10.9	490	2.58	8.6	0.5	1.7	3.2	16	0.5	0.9	0.5	63	0.30	0.024
1337135	Soil	1.4	50.7	13.3	82	<0.1	51.2	12.8	790	3.19	2.0	1.1	3.2	6.5	35	0.2	0.3	0.2	38	0.24	0.045
1337110	Soil	0.6	25.1	18.0	73	<0.1	27.5	11.9	624	2.56	2.0	1.1	0.6	18.7	10	0.2	0.2	0.4	22	0.21	0.046
1337128	Soil	0.8	36.1	9.1	59	0.1	34.1	10.8	375	2.49	4.3	1.2	2.0	5.3	20	<0.1	0.4	0.1	50	0.28	0.029
1336551	Rock Pulp	2.2	20.9	2.3	43	0.3	20.3	9.3	407	2.22	3.8	0.2	1.2	0.8	40	0.1	0.2	<0.1	54	0.77	0.055
1336561	Soil	0.8	31.6	14.5	71	0.2	27.9	10.9	506	2.64	7.7	1.0	5.8	3.5	28	0.3	0.7	0.2	48	0.41	0.050
1336560	Soil	1.1	30.9	10.1	61	0.2	22.0	12.0	323	3.15	11.4	1.5	3.2	3.1	41	0.3	0.7	0.2	58	0.60	0.082
1336562	Soil	0.7	19.8	8.6	66	<0.1	22.7	9.1	291	2.31	2.7	1.2	2.0	5.3	24	<0.1	0.3	0.2	44	0.42	0.040
1336556	Soil	1.0	41.2	12.3	71	0.2	31.6	11.4	431	2.83	10.6	0.7	5.3	5.5	40	0.2	0.9	0.2	56	0.58	0.067
1336557	Soil	0.7	29.3	10.1	68	0.1	29.8	11.3	479	3.04	6.6	1.1	1.1	8.6	48	<0.1	0.6	0.2	51	0.80	0.050

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1337131	Soil	26	52	0.67	207	0.129	<1	1.68	0.009	0.29	<0.1	0.03	3.9	0.3	<0.05	5	<0.5	<0.2
1337114	Soil	23	53	0.68	261	0.101	<1	1.76	0.012	0.20	0.1	0.06	4.5	0.2	<0.05	5	1.1	<0.2
1337124	Soil	17	51	0.69	231	0.078	1	1.30	0.014	0.09	0.1	0.02	3.8	0.1	<0.05	4	<0.5	<0.2
1337118	Soil	26	34	1.23	303	0.023	2	2.06	0.010	0.12	<0.1	0.02	11.9	0.1	<0.05	8	<0.5	<0.2
1337137	Soil	15	58	1.06	394	0.137	1	2.55	0.011	0.44	0.1	0.02	6.2	0.2	<0.05	8	<0.5	<0.2
1337111	Soil	35	19	0.27	148	0.023	1	0.78	0.007	0.11	<0.1	0.02	4.8	<0.1	<0.05	2	<0.5	<0.2
1337115	Soil	20	64	0.70	326	0.081	2	1.94	0.015	0.09	<0.1	0.04	4.8	0.1	<0.05	6	<0.5	<0.2
1337116	Soil	17	69	0.76	260	0.078	<1	1.71	0.019	0.10	0.1	0.03	5.2	<0.1	<0.05	5	<0.5	<0.2
1337108	Soil	49	23	0.55	230	0.028	1	1.23	0.010	0.28	<0.1	0.02	9.6	0.2	<0.05	4	1.0	<0.2
1337107	Soil	45	7	0.15	129	0.003	2	0.60	0.003	0.10	<0.1	0.02	6.3	0.1	<0.05	1	0.9	<0.2
1337136	Soil	15	878	5.79	297	0.088	1	2.27	0.003	0.14	<0.1	0.05	12.6	1.1	<0.05	7	1.2	<0.2
1337112	Soil	21	89	0.88	316	0.080	1	1.81	0.011	0.14	<0.1	0.04	7.0	0.1	<0.05	5	0.5	<0.2
1337140	Soil	30	64	1.11	519	0.117	1	2.37	0.008	0.23	0.1	0.02	6.6	0.3	<0.05	7	0.6	<0.2
1337134	Soil	26	32	0.60	268	0.110	1	1.35	0.012	0.21	<0.1	0.03	4.4	0.2	<0.05	5	<0.5	<0.2
1337142	Soil	22	53	0.90	548	0.099	<1	1.84	0.012	0.09	<0.1	0.02	6.8	0.1	<0.05	6	<0.5	<0.2
1337121	Soil	12	74	0.86	272	0.070	2	1.83	0.015	0.08	0.1	0.02	4.7	0.1	<0.05	6	<0.5	<0.2
1337143	Soil	16	42	0.87	342	0.116	1	1.86	0.009	0.38	<0.1	0.02	4.4	0.2	<0.05	6	<0.5	<0.2
1337132	Soil	26	58	0.72	373	0.056	2	1.51	0.011	0.36	<0.1	0.02	11.3	0.2	<0.05	4	<0.5	<0.2
1337144	Soil	11	34	0.55	249	0.064	<1	1.29	0.007	0.14	<0.1	<0.01	3.4	0.1	<0.05	4	<0.5	<0.2
1337113	Soil	26	51	0.70	263	0.114	2	1.86	0.012	0.26	0.1	0.05	4.3	0.2	<0.05	5	0.8	<0.2
1337122	Soil	13	86	0.88	303	0.061	<1	1.76	0.010	0.07	0.2	0.02	4.5	0.1	<0.05	6	0.5	<0.2
1337135	Soil	20	37	0.48	347	0.041	<1	0.92	0.008	0.16	<0.1	0.02	5.5	0.1	<0.05	3	<0.5	<0.2
1337110	Soil	44	20	0.46	150	0.035	1	1.06	0.007	0.22	<0.1	0.03	4.3	0.2	<0.05	3	<0.5	<0.2
1337128	Soil	19	50	0.71	293	0.088	1	1.55	0.012	0.09	<0.1	0.03	4.7	0.1	<0.05	5	<0.5	<0.2
1336551	Rock Pulp	4	27	0.76	89	0.101	3	1.41	0.079	0.12	13.3	<0.01	4.1	<0.1	<0.05	5	0.8	<0.2
1336561	Soil	16	39	0.54	307	0.051	2	1.54	0.013	0.06	0.2	0.05	5.0	<0.1	<0.05	5	1.6	<0.2
1336560	Soil	16	30	0.63	395	0.054	4	1.55	0.015	0.08	0.2	0.05	6.0	<0.1	<0.05	5	1.7	<0.2
1336562	Soil	20	39	0.57	298	0.074	2	1.55	0.011	0.15	0.1	0.01	4.4	0.2	<0.05	5	0.5	<0.2
1336556	Soil	23	35	0.64	255	0.063	4	1.54	0.028	0.07	0.2	0.04	5.5	<0.1	<0.05	5	0.8	<0.2
1336557	Soil	27	47	0.70	246	0.038	2	1.71	0.015	0.08	<0.1	0.03	6.3	<0.1	<0.05	6	1.4	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1336558	Soil		1.5	27.3	9.9	87	0.1	21.3	10.0	610	3.06	5.8	1.1	1.7	5.6	13	0.2	0.5	0.1	39	0.28	0.063
1336559	Soil		0.8	25.7	8.9	67	0.1	26.6	15.2	1403	2.50	7.1	1.0	4.9	2.5	38	0.3	0.7	0.1	50	0.65	0.063
1336552	Soil		0.8	22.9	23.7	65	0.2	22.5	9.8	357	2.26	8.8	1.0	6.9	4.6	19	0.3	0.8	0.2	52	0.33	0.036
1336553	Soil		0.7	20.4	10.1	58	0.1	22.1	8.8	834	2.01	8.4	0.9	1.4	3.6	42	0.2	0.7	0.1	47	0.68	0.052
1336555	Soil		0.8	21.7	13.0	64	<0.1	22.9	10.0	394	2.76	7.1	1.1	1.6	7.8	28	<0.1	0.6	0.1	53	0.42	0.033
1336554	Soil		0.7	21.0	10.0	46	<0.1	19.4	9.1	769	2.24	7.4	1.0	1.4	2.5	65	0.2	0.5	0.1	44	1.08	0.071
1336564	Soil		0.7	22.1	8.6	50	<0.1	13.0	11.7	382	3.08	4.6	1.3	5.4	5.6	23	0.2	0.4	0.1	53	0.57	0.041
1336563	Soil		1.1	26.3	10.7	67	0.1	22.8	9.8	425	2.49	7.7	0.9	2.1	4.4	35	0.2	0.7	0.1	51	0.65	0.069
1336566	Soil		0.3	68.3	1.1	69	<0.1	35.4	27.0	688	4.12	1.1	0.2	0.7	0.7	14	<0.1	<0.1	<0.1	118	0.55	0.066
1336568	Soil		0.4	11.0	5.2	60	<0.1	5.4	10.0	634	3.27	1.7	0.8	<0.5	10.4	13	<0.1	0.4	<0.1	38	0.28	0.063
1336708	Soil		1.3	35.6	8.4	52	<0.1	17.8	8.5	458	2.41	5.4	1.1	4.9	3.6	11	<0.1	0.5	0.1	46	0.10	0.032
1336704	Soil		1.6	31.8	9.7	57	0.2	18.6	7.0	330	2.27	6.8	1.5	0.8	1.4	19	0.2	0.4	0.2	51	0.18	0.066
1336571	Soil		0.5	12.3	7.1	42	<0.1	11.0	9.6	451	2.65	4.2	1.1	<0.5	5.4	19	<0.1	0.3	<0.1	55	0.35	0.019
1336565	Soil		0.7	20.9	3.7	40	<0.1	10.1	10.1	295	2.67	2.9	0.5	1.3	1.7	14	<0.1	0.3	<0.1	69	0.36	0.077
1336710	Soil		2.4	32.1	12.0	62	0.2	19.9	10.9	583	3.42	9.1	0.9	9.7	3.3	13	0.2	0.7	0.2	73	0.10	0.037
1336703	Soil		1.3	25.2	6.7	50	<0.1	17.6	7.4	388	2.33	5.4	0.9	4.2	1.6	13	0.1	0.4	0.1	51	0.14	0.045
1336572	Soil		0.7	22.6	7.3	54	<0.1	18.3	10.2	567	3.18	5.3	1.2	4.9	7.7	19	<0.1	0.4	0.1	65	0.39	0.019
1336567	Soil		0.9	13.3	11.0	73	<0.1	11.1	11.3	606	3.90	1.8	1.2	<0.5	9.9	10	<0.1	0.6	<0.1	37	0.23	0.032
1336711	Soil		1.5	41.1	12.1	69	0.1	25.4	9.2	537	2.98	7.6	1.0	3.5	2.9	15	<0.1	0.6	0.2	50	0.13	0.051
1336707	Soil		1.4	33.5	8.6	55	0.1	17.2	6.6	373	2.35	5.6	0.9	3.1	2.1	13	0.1	0.4	0.2	45	0.10	0.040
1336705	Soil		1.6	38.4	9.4	60	0.1	17.3	6.9	266	2.22	5.5	1.7	3.8	1.0	17	0.1	0.4	0.2	48	0.15	0.066
1336569	Soil		0.5	7.9	4.5	52	<0.1	5.3	7.9	586	2.60	1.4	1.1	1.5	10.7	6	<0.1	0.2	<0.1	40	0.19	0.030
1336712	Soil		1.7	56.3	12.4	69	0.1	26.9	9.5	465	3.21	9.6	1.4	3.4	5.3	20	<0.1	0.8	0.2	69	0.15	0.024
1336709	Soil		1.5	40.8	10.3	64	<0.1	20.8	10.7	608	2.77	6.7	1.1	9.7	4.1	15	0.2	0.7	0.2	54	0.12	0.036
1336706	Soil		1.6	32.0	10.1	64	0.2	19.4	8.4	522	2.52	6.9	1.2	2.4	1.6	18	0.2	0.6	0.2	49	0.16	0.061
1336570	Soil		0.4	8.3	4.5	54	<0.1	7.5	8.4	499	2.84	1.6	0.9	<0.5	8.3	12	<0.1	0.3	<0.1	53	0.28	0.045
1336848	Soil		1.2	24.8	11.6	58	0.1	16.2	7.3	300	2.15	4.2	1.1	2.9	5.0	14	<0.1	0.4	0.2	35	0.13	0.029
1336715	Soil		1.0	31.1	8.8	54	<0.1	18.5	7.6	337	2.40	5.2	1.2	3.2	4.2	17	<0.1	0.4	0.2	48	0.20	0.036
1336717	Soil		0.8	36.2	9.0	61	0.1	22.4	9.6	396	2.41	3.7	0.7	4.0	4.8	13	<0.1	0.3	0.2	42	0.12	0.024
1336713	Soil		1.4	18.9	8.8	49	0.2	15.3	6.5	462	2.19	8.0	0.5	<0.5	1.4	10	0.2	0.5	0.2	51	0.11	0.054

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336558	Soil	20	26	0.53	174	0.033	1	1.03	0.008	0.20	0.1	0.01	7.6	0.1	<0.05	3	1.0	<0.2
1336559	Soil	14	33	0.64	316	0.055	2	1.44	0.015	0.06	0.3	0.04	5.1	<0.1	<0.05	4	0.6	<0.2
1336552	Soil	17	41	0.49	219	0.045	<1	1.46	0.012	0.05	0.2	0.02	5.1	<0.1	<0.05	5	<0.5	<0.2
1336553	Soil	15	28	0.45	229	0.054	3	1.34	0.019	0.05	0.2	0.02	3.8	<0.1	<0.05	4	1.0	<0.2
1336555	Soil	20	40	0.62	224	0.073	1	1.83	0.014	0.09	0.2	0.01	4.9	<0.1	<0.05	6	<0.5	<0.2
1336554	Soil	16	27	0.46	241	0.040	3	1.43	0.020	0.05	0.1	0.04	3.5	<0.1	<0.05	5	0.8	<0.2
1336564	Soil	19	18	0.38	573	0.047	1	1.48	0.019	0.18	<0.1	0.04	7.6	<0.1	<0.05	5	<0.5	<0.2
1336563	Soil	16	26	0.54	401	0.062	3	1.23	0.022	0.09	0.3	0.02	4.8	<0.1	<0.05	4	<0.5	<0.2
1336566	Soil	4	62	1.67	532	0.226	2	2.37	0.028	0.67	<0.1	<0.01	7.4	0.3	<0.05	6	<0.5	<0.2
1336568	Soil	25	5	0.27	498	0.039	1	0.71	0.006	0.31	<0.1	0.02	8.4	0.2	<0.05	3	<0.5	<0.2
1336708	Soil	14	22	0.35	137	0.055	2	1.18	0.007	0.07	<0.1	<0.01	3.2	0.1	<0.05	4	0.9	<0.2
1336704	Soil	16	27	0.43	212	0.042	2	1.48	0.011	0.09	0.2	0.04	3.1	0.1	<0.05	5	<0.5	<0.2
1336571	Soil	16	20	0.53	348	0.064	2	1.47	0.011	0.21	<0.1	0.02	6.1	0.1	<0.05	6	<0.5	<0.2
1336565	Soil	8	18	0.58	289	0.071	2	1.62	0.020	0.19	<0.1	0.01	6.2	0.1	<0.05	6	<0.5	<0.2
1336710	Soil	12	29	0.42	122	0.056	3	1.79	0.007	0.07	<0.1	<0.01	3.6	0.2	<0.05	7	<0.5	0.3
1336703	Soil	13	26	0.46	193	0.050	3	1.50	0.010	0.10	0.1	0.01	3.2	<0.1	<0.05	5	<0.5	<0.2
1336572	Soil	25	27	0.63	426	0.076	1	1.69	0.017	0.18	0.1	0.04	9.8	<0.1	<0.05	6	0.9	<0.2
1336567	Soil	27	10	0.11	436	0.004	2	0.74	0.005	0.15	0.2	0.02	10.7	0.1	<0.05	2	<0.5	<0.2
1336711	Soil	12	29	0.42	144	0.039	2	1.57	0.008	0.08	0.1	<0.01	3.4	0.1	<0.05	5	<0.5	<0.2
1336707	Soil	12	23	0.37	144	0.045	1	1.26	0.009	0.07	<0.1	0.01	2.8	0.1	<0.05	4	0.9	<0.2
1336705	Soil	16	24	0.43	194	0.038	1	1.54	0.013	0.09	0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1336569	Soil	24	8	0.47	262	0.078	<1	1.02	0.007	0.48	<0.1	<0.01	5.9	0.2	<0.05	4	<0.5	<0.2
1336712	Soil	16	38	0.54	233	0.055	<1	2.25	0.011	0.07	<0.1	0.03	6.7	0.1	<0.05	6	0.6	<0.2
1336709	Soil	13	26	0.45	165	0.053	1	1.55	0.009	0.09	0.1	0.01	3.6	0.1	<0.05	5	0.8	0.2
1336706	Soil	13	26	0.39	187	0.042	1	1.40	0.009	0.08	0.1	<0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
1336570	Soil	19	13	0.60	258	0.056	2	1.21	0.008	0.33	<0.1	<0.01	5.9	0.1	<0.05	5	0.7	<0.2
1336848	Soil	20	21	0.41	228	0.070	<1	1.31	0.007	0.20	<0.1	0.01	2.8	0.1	<0.05	4	<0.5	<0.2
1336715	Soil	18	30	0.53	180	0.072	2	1.52	0.009	0.12	<0.1	0.02	3.6	0.1	<0.05	4	<0.5	<0.2
1336717	Soil	17	25	0.58	430	0.098	2	1.36	0.008	0.25	0.1	<0.01	3.4	0.2	<0.05	5	<0.5	<0.2
1336713	Soil	9	22	0.35	103	0.043	1	1.47	0.014	0.06	0.1	0.01	2.1	<0.1	<0.05	5	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1336837	Soil	1.1	29.4	44.5	112	0.4	24.8	12.2	482	2.92	10.4	1.3	2.5	7.5	22	0.5	0.8	0.5	45	0.28	0.045
1336834	Soil	1.2	35.4	10.7	56	0.2	20.8	9.1	510	2.51	4.4	1.4	1.9	4.2	23	0.1	0.5	0.2	45	0.25	0.045
1336718	Soil	1.0	29.3	9.2	50	0.1	19.0	5.9	230	2.29	5.3	0.6	3.0	3.0	13	<0.1	0.5	0.1	47	0.13	0.024
1336714	Soil	1.7	39.3	12.0	61	<0.1	25.4	9.3	486	2.87	8.5	1.8	4.2	5.6	19	0.2	0.6	0.3	58	0.16	0.028
1336836	Soil	1.1	25.1	12.4	61	0.1	20.2	10.1	487	2.63	3.2	1.2	3.0	5.5	22	<0.1	0.3	0.2	41	0.26	0.043
1336845	Soil	2.7	17.9	60.5	97	0.8	14.7	5.1	163	2.11	11.1	0.7	15.7	2.5	14	0.3	1.2	0.6	39	0.17	0.048
1336722	Soil	1.2	31.2	10.5	56	0.1	20.5	7.8	291	2.68	5.7	0.9	2.9	4.1	14	<0.1	0.4	0.2	48	0.12	0.045
1336720	Soil	1.2	37.3	8.6	62	0.2	16.9	5.7	207	2.30	3.8	0.6	4.2	2.6	12	<0.1	0.5	0.2	47	0.12	0.031
1336853	Soil	1.5	33.7	10.9	60	0.1	23.5	10.4	500	2.49	5.3	1.5	4.9	3.7	21	0.2	0.5	0.2	43	0.23	0.054
1336716	Soil	0.8	28.6	10.0	60	<0.1	24.7	10.4	450	2.75	3.0	0.9	2.4	7.0	13	0.1	0.3	0.2	40	0.15	0.030
1336721	Soil	1.2	39.6	9.0	67	0.1	21.8	8.7	337	2.43	5.8	1.0	2.7	4.2	17	<0.1	0.6	0.2	45	0.18	0.041
1336719	Soil	1.1	36.7	8.8	67	0.1	25.1	8.9	306	2.51	3.2	0.8	3.7	4.2	17	<0.1	0.4	0.2	47	0.13	0.030
1336846	Soil	2.8	21.3	81.6	114	1.0	18.2	5.6	228	2.52	13.9	0.9	5.1	2.6	16	0.4	1.6	0.7	46	0.17	0.058
1336852	Soil	1.1	18.4	7.4	53	<0.1	14.6	8.8	410	2.20	4.2	1.0	2.9	3.6	16	0.2	0.3	0.2	38	0.22	0.044
1336838	Soil	0.8	30.9	30.8	104	0.5	50.1	14.2	569	2.48	6.1	1.0	3.1	3.1	22	0.6	0.9	0.4	54	0.33	0.050
1336850	Soil	0.9	29.4	9.2	62	0.1	24.7	8.6	321	2.50	2.3	1.4	3.6	6.7	20	<0.1	0.2	0.2	40	0.28	0.038
1336857	Soil	1.2	36.4	10.3	60	0.2	25.1	11.0	420	2.58	4.4	1.5	7.2	3.9	23	0.3	0.5	0.2	45	0.25	0.054
1336849	Soil	0.9	33.4	8.7	60	<0.1	21.7	7.6	279	2.55	2.6	1.7	1.6	8.1	19	<0.1	0.3	0.2	38	0.22	0.026
1336854	Soil	1.0	21.1	9.4	54	0.2	17.0	9.1	741	2.16	4.1	0.9	2.4	2.4	18	0.1	0.4	0.2	41	0.18	0.051
1336862	Soil	1.0	27.7	127.1	213	1.9	18.2	7.8	319	2.49	41.0	1.3	5.4	4.8	22	1.4	1.8	0.5	35	0.19	0.048
1336858	Soil	1.4	21.8	11.7	54	0.3	20.0	10.3	391	2.39	4.1	1.5	4.5	2.6	23	0.3	0.3	0.2	44	0.31	0.054
1336863	Soil	0.9	19.0	72.6	150	0.6	19.8	12.3	420	2.96	23.7	1.0	4.0	4.8	18	0.9	1.0	0.4	52	0.20	0.058
1336860	Soil	0.3	26.5	17.6	80	<0.1	25.4	12.3	501	3.22	0.9	1.9	<0.5	14.5	28	<0.1	<0.1	0.2	38	0.33	0.061
1336859	Soil	1.0	33.1	10.1	74	0.2	25.6	8.6	402	2.65	2.1	1.5	<0.5	6.8	17	0.1	0.2	0.2	36	0.21	0.037
1336851	Rock Pulp	2.4	22.3	2.3	42	0.3	21.7	9.8	422	2.33	3.9	0.3	0.8	0.8	41	0.1	0.4	<0.1	58	0.78	0.061
1336861	Soil	1.2	23.5	10.9	54	0.1	16.7	8.2	321	2.49	4.9	0.9	<0.5	3.6	15	<0.1	0.5	0.2	46	0.14	0.043
1336835	Soil	1.2	24.0	9.6	60	0.1	18.0	11.9	538	2.62	3.5	1.3	2.6	5.4	17	0.1	0.4	0.2	41	0.19	0.040
1336847	Soil	1.1	14.8	71.3	138	0.6	16.0	8.5	333	2.33	18.0	0.8	6.6	4.6	15	0.5	1.1	0.5	37	0.15	0.038
1336844	Soil	2.9	20.9	146.6	111	1.6	15.8	5.1	160	2.47	20.1	0.8	11.0	2.3	16	0.5	2.4	0.8	42	0.16	0.049
1336840	Soil	0.6	35.2	41.8	130	0.7	42.2	13.7	703	2.42	7.8	0.9	3.9	3.5	23	0.8	1.0	0.6	51	0.38	0.044

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336837	Soil	23	33	0.55	274	0.079	2	1.60	0.009	0.19	<0.1	0.05	3.8	0.2	<0.05	5	0.7	<0.2
1336834	Soil	18	25	0.41	264	0.056	<1	1.42	0.011	0.09	0.1	0.03	3.8	0.1	<0.05	5	0.8	0.3
1336718	Soil	11	27	0.46	291	0.066	2	1.38	0.008	0.09	0.2	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1336714	Soil	20	31	0.53	240	0.056	3	1.80	0.009	0.08	0.2	0.03	5.4	0.1	<0.05	6	<0.5	<0.2
1336836	Soil	21	25	0.49	245	0.075	2	1.53	0.009	0.18	<0.1	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
1336845	Soil	16	23	0.42	146	0.032	3	1.23	0.009	0.06	0.2	0.04	2.2	0.2	<0.05	4	<0.5	<0.2
1336722	Soil	16	29	0.46	340	0.068	2	1.61	0.008	0.10	0.1	0.01	3.6	0.1	<0.05	5	1.2	<0.2
1336720	Soil	13	27	0.50	319	0.081	1	1.39	0.007	0.16	<0.1	0.02	2.7	0.2	<0.05	5	0.7	<0.2
1336853	Soil	17	24	0.40	271	0.043	<1	1.38	0.007	0.08	0.1	0.03	3.8	0.1	<0.05	4	1.4	<0.2
1336716	Soil	27	28	0.62	307	0.116	1	1.55	0.008	0.35	0.1	0.02	3.6	0.2	<0.05	5	<0.5	<0.2
1336721	Soil	18	27	0.55	467	0.084	2	1.33	0.008	0.18	0.1	0.01	3.8	0.2	<0.05	5	0.8	<0.2
1336719	Soil	16	28	0.65	385	0.100	<1	1.50	0.009	0.26	<0.1	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1336846	Soil	16	28	0.45	167	0.033	2	1.36	0.010	0.07	0.1	0.06	2.6	0.2	<0.05	5	1.3	0.3
1336852	Soil	16	22	0.40	184	0.054	<1	1.21	0.009	0.11	0.1	0.03	2.8	0.1	<0.05	4	0.6	<0.2
1336838	Soil	19	68	0.67	337	0.032	1	1.61	0.012	0.07	0.1	0.04	5.6	0.1	<0.05	5	<0.5	<0.2
1336850	Soil	27	28	0.55	203	0.093	2	1.58	0.009	0.30	<0.1	0.01	3.7	0.2	<0.05	5	0.6	<0.2
1336857	Soil	18	25	0.42	267	0.048	<1	1.35	0.009	0.08	0.2	0.04	4.0	<0.1	<0.05	4	1.6	<0.2
1336849	Soil	27	26	0.52	208	0.102	<1	1.43	0.008	0.27	<0.1	0.02	3.7	0.2	<0.05	5	<0.5	<0.2
1336854	Soil	14	22	0.37	201	0.044	2	1.26	0.009	0.06	0.1	0.04	2.8	0.1	<0.05	4	1.0	<0.2
1336862	Soil	20	20	0.41	322	0.060	<1	1.33	0.008	0.18	<0.1	0.04	3.3	0.2	<0.05	4	<0.5	<0.2
1336858	Soil	19	25	0.44	269	0.045	2	1.61	0.010	0.09	0.1	0.04	4.1	0.1	<0.05	4	0.7	0.2
1336863	Soil	22	28	0.52	241	0.074	2	1.60	0.010	0.13	0.2	0.03	3.8	0.2	<0.05	5	<0.5	<0.2
1336860	Soil	46	35	0.70	153	0.175	2	1.95	0.010	0.67	<0.1	<0.01	4.2	0.3	<0.05	8	<0.5	<0.2
1336859	Soil	29	23	0.55	183	0.094	<1	1.70	0.009	0.39	<0.1	0.02	3.4	0.2	<0.05	6	1.3	<0.2
1336851	Rock Pulp	4	28	0.77	88	0.116	4	1.53	0.082	0.12	13.8	<0.01	4.4	<0.1	<0.05	5	<0.5	<0.2
1336861	Soil	17	23	0.44	243	0.072	1	1.51	0.007	0.13	<0.1	0.03	2.7	0.1	<0.05	5	<0.5	<0.2
1336835	Soil	21	25	0.45	240	0.072	<1	1.56	0.008	0.16	0.1	0.03	3.5	0.1	<0.05	4	0.9	<0.2
1336847	Soil	19	21	0.44	195	0.063	<1	1.35	0.008	0.11	0.1	0.04	2.7	0.2	<0.05	4	<0.5	0.2
1336844	Soil	15	22	0.41	168	0.029	2	1.39	0.009	0.06	0.1	0.05	2.5	0.2	<0.05	4	<0.5	<0.2
1336840	Soil	14	63	0.72	281	0.045	<1	1.58	0.013	0.05	0.2	0.03	5.6	0.1	<0.05	5	1.0	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1336856	Soil		1.0	37.5	10.7	63	0.2	24.8	9.9	321	2.47	4.4	1.6	3.6	3.4	22	0.2	0.5	0.2	46	0.22	0.058
1336864	Soil		1.3	21.9	111.6	203	1.8	20.8	16.2	1066	2.74	14.1	1.1	4.3	3.9	17	1.1	1.6	0.9	40	0.17	0.056
1336843	Soil		0.9	41.8	71.1	172	1.1	43.8	16.4	522	2.90	13.0	1.0	8.5	4.7	19	1.1	1.6	1.2	55	0.38	0.044
1336841	Soil		0.6	37.8	47.9	136	0.8	43.7	14.5	603	2.55	8.9	0.9	<0.5	3.5	22	0.8	1.2	0.7	53	0.43	0.045
1336839	Soil		0.8	21.8	27.4	91	0.5	32.2	11.2	610	2.12	6.5	0.6	20.4	2.0	26	0.4	0.7	0.3	46	0.46	0.050
1336855	Soil		1.2	26.5	9.3	62	0.2	23.6	9.9	581	2.85	6.3	1.3	5.1	2.7	35	0.3	0.5	0.1	52	0.51	0.057
1336842	Soil		0.8	45.0	49.7	133	0.7	56.9	18.5	724	2.90	9.3	0.8	4.1	3.7	18	1.1	1.2	0.7	61	0.45	0.044
1337145	Soil		1.2	23.7	8.3	57	0.1	21.5	8.7	389	2.58	6.2	0.8	1.6	3.3	17	0.2	0.3	0.2	49	0.19	0.038
1337159	Soil		0.9	30.3	7.5	55	0.1	19.5	7.2	257	2.24	4.7	0.7	4.5	4.0	13	<0.1	0.3	0.2	38	0.12	0.033
1337125	Soil		1.0	23.8	7.6	55	<0.1	18.4	8.5	406	2.48	5.1	0.8	0.9	4.0	15	<0.1	0.4	0.1	42	0.17	0.030
1337148	Soil		1.5	37.6	8.0	55	0.2	21.6	7.4	358	2.34	4.7	0.8	4.9	2.7	15	<0.1	0.4	0.2	41	0.12	0.033
1337146	Soil		1.0	33.6	9.5	53	0.1	26.5	8.5	345	2.44	6.3	1.0	4.4	3.0	20	<0.1	0.4	0.2	45	0.21	0.033
1337156	Soil		1.0	29.2	8.2	51	<0.1	20.3	7.6	372	2.37	5.5	0.9	1.7	4.0	16	<0.1	0.4	0.1	40	0.15	0.035
1337158	Soil		0.6	28.4	7.8	49	0.1	17.2	6.8	270	2.10	3.8	0.7	1.8	4.0	13	<0.1	0.4	0.1	35	0.16	0.033
1337151	Rock Pulp		2.3	22.6	2.5	38	0.3	21.2	9.9	415	2.35	5.0	0.2	0.6	0.8	38	<0.1	0.3	<0.1	54	0.76	0.065
1337160	Soil		0.8	33.2	10.9	71	0.2	22.0	8.9	326	2.63	5.4	0.9	3.7	5.6	15	<0.1	0.4	0.2	42	0.17	0.039
1337154	Soil		1.4	37.5	8.9	52	<0.1	18.3	7.4	394	2.42	4.5	1.0	1.6	3.8	12	0.1	0.4	0.1	38	0.11	0.040
1337150	Soil		1.4	62.6	10.5	73	0.3	28.5	7.9	446	2.66	5.3	1.6	5.0	4.2	21	<0.1	0.6	0.2	46	0.20	0.051
1337153	Soil		1.5	43.3	9.4	56	<0.1	20.4	8.5	533	2.44	5.7	1.2	2.3	3.2	13	<0.1	0.5	0.2	40	0.10	0.040
1337147	Soil		0.2	59.1	13.1	72	<0.1	76.4	16.9	1510	2.26	1.6	0.4	8.1	4.1	16	0.3	0.1	0.2	42	0.33	0.035
1337126	Soil		1.0	23.3	8.2	59	<0.1	18.7	9.3	469	2.58	4.9	0.8	2.5	4.0	15	<0.1	0.4	0.1	46	0.17	0.033
1382985	Soil		0.7	40.8	7.8	65	0.2	42.1	21.8	810	3.45	5.9	1.0	2.2	7.2	47	<0.1	0.4	<0.1	56	0.91	0.063
1337149	Soil		1.1	38.0	10.5	64	0.3	25.0	9.6	611	2.51	5.7	1.0	3.4	2.1	17	0.2	0.4	0.2	45	0.14	0.041
1337152	Soil		1.8	41.1	11.4	57	<0.1	20.3	9.4	494	2.89	6.5	1.0	6.9	3.3	14	0.1	0.5	0.2	52	0.10	0.054
1382983	Soil		0.8	27.8	10.5	65	<0.1	20.0	13.0	521	3.26	3.2	0.6	<0.5	5.9	12	<0.1	0.3	0.1	52	0.16	0.021
1382977	Soil		1.5	28.6	8.3	42	0.2	15.2	5.4	246	2.07	5.0	1.1	1.1	0.4	14	0.1	0.4	0.2	37	0.12	0.045
1337157	Soil		0.9	24.6	7.7	48	0.1	16.8	6.2	222	2.09	4.5	0.7	1.0	2.9	11	<0.1	0.4	0.1	36	0.11	0.031
1337155	Soil		0.9	29.9	9.5	55	<0.1	19.3	7.8	344	2.48	4.3	1.0	0.7	3.3	14	<0.1	0.3	0.2	43	0.12	0.038
1382981	Soil		0.9	27.5	7.7	50	0.2	22.7	7.7	363	2.14	4.7	0.9	1.1	3.2	17	<0.1	0.3	0.2	38	0.18	0.036
1382976	Soil		0.7	30.2	8.7	52	0.1	18.5	6.7	263	2.37	4.1	1.3	4.1	3.7	18	<0.1	0.3	0.2	42	0.19	0.037

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336856	Soil	18	24	0.42	308	0.047	<1	1.49	0.011	0.08	0.2	0.06	4.3	0.1	<0.05	5	2.7	<0.2
1336864	Soil	20	25	0.47	201	0.040	2	1.52	0.009	0.09	0.1	0.07	3.6	0.2	<0.05	5	1.1	<0.2
1336843	Soil	17	82	0.82	263	0.047	3	1.61	0.012	0.07	0.1	0.03	6.4	0.1	<0.05	5	0.5	0.3
1336841	Soil	14	72	0.76	298	0.047	3	1.55	0.013	0.06	0.1	0.04	6.0	0.1	<0.05	5	<0.5	<0.2
1336839	Soil	12	50	0.57	257	0.030	2	1.23	0.011	0.05	0.2	0.03	4.2	0.1	<0.05	4	1.2	<0.2
1336855	Soil	22	29	0.48	327	0.037	2	1.66	0.011	0.08	<0.1	0.07	4.8	<0.1	0.06	5	1.8	<0.2
1336842	Soil	13	111	0.97	272	0.050	<1	1.69	0.012	0.07	0.1	0.03	7.6	<0.1	<0.05	5	<0.5	0.2
1337145	Soil	13	28	0.57	227	0.049	<1	1.47	0.009	0.09	0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1337159	Soil	14	24	0.47	288	0.077	<1	1.18	0.008	0.15	<0.1	0.01	2.9	0.1	<0.05	4	0.9	<0.2
1337125	Soil	13	27	0.57	198	0.059	<1	1.36	0.008	0.09	0.1	<0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
1337148	Soil	12	25	0.49	265	0.064	<1	1.36	0.009	0.08	0.1	0.02	3.4	0.1	<0.05	4	<0.5	<0.2
1337146	Soil	13	34	0.51	256	0.044	<1	1.36	0.009	0.05	0.1	0.02	4.3	<0.1	<0.05	4	0.9	<0.2
1337156	Soil	18	27	0.48	215	0.068	<1	1.28	0.008	0.11	<0.1	0.02	3.1	0.1	<0.05	4	<0.5	<0.2
1337158	Soil	15	23	0.47	380	0.074	<1	1.17	0.007	0.11	0.1	0.01	2.6	0.1	<0.05	4	0.7	<0.2
1337151	Rock Pulp	4	28	0.75	90	0.099	2	1.49	0.078	0.11	13.6	<0.01	4.2	<0.1	<0.05	4	0.6	<0.2
1337160	Soil	21	29	0.59	294	0.094	1	1.48	0.008	0.20	<0.1	0.02	3.5	0.2	<0.05	5	0.6	<0.2
1337154	Soil	15	23	0.42	163	0.056	<1	1.18	0.006	0.14	<0.1	<0.01	2.5	0.1	<0.05	3	0.5	<0.2
1337150	Soil	14	27	0.52	418	0.070	<1	1.36	0.011	0.13	0.1	0.03	4.1	0.1	<0.05	4	0.6	<0.2
1337153	Soil	12	23	0.35	158	0.044	2	1.16	0.007	0.06	0.1	0.02	2.9	<0.1	<0.05	3	<0.5	<0.2
1337147	Soil	20	47	2.49	461	0.063	<1	2.06	0.007	0.11	<0.1	0.01	6.4	0.1	<0.05	7	<0.5	<0.2
1337126	Soil	12	28	0.56	195	0.057	2	1.45	0.011	0.08	<0.1	<0.01	3.4	<0.1	<0.05	5	<0.5	<0.2
1382985	Soil	24	40	0.92	224	0.065	<1	1.73	0.012	0.11	<0.1	0.03	8.9	0.1	<0.05	6	1.4	<0.2
1337149	Soil	12	26	0.42	334	0.053	<1	1.60	0.012	0.07	<0.1	0.03	3.2	0.1	<0.05	6	1.4	<0.2
1337152	Soil	14	25	0.39	169	0.043	<1	1.50	0.007	0.07	0.1	0.02	2.6	<0.1	<0.05	5	0.5	<0.2
1382983	Soil	20	28	0.89	336	0.030	<1	2.01	0.007	0.08	<0.1	<0.01	5.5	<0.1	<0.05	6	<0.5	<0.2
1382977	Soil	11	22	0.33	170	0.031	<1	1.31	0.015	0.08	<0.1	0.03	1.8	<0.1	<0.05	5	0.8	<0.2
1337157	Soil	13	21	0.41	290	0.064	<1	1.26	0.008	0.09	<0.1	<0.01	2.4	0.1	<0.05	4	0.7	<0.2
1337155	Soil	16	26	0.50	177	0.075	<1	1.66	0.009	0.15	0.1	<0.01	2.9	0.2	<0.05	5	0.5	<0.2
1382981	Soil	14	25	0.45	237	0.060	2	1.18	0.009	0.09	0.2	0.01	3.0	<0.1	<0.05	4	1.3	<0.2
1382976	Soil	19	26	0.51	244	0.072	2	1.50	0.006	0.09	<0.1	0.03	3.7	0.1	<0.05	4	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1382829	Soil	1.0	23.0	7.4	40	<0.1	15.7	6.7	278	2.05	4.9	0.9	3.3	4.5	12	<0.1	0.3	0.1	35	0.12	0.024
1382988	Soil	1.4	23.6	9.4	54	0.1	19.3	9.5	385	2.66	4.7	0.8	1.3	4.2	19	0.1	0.3	0.1	49	0.30	0.033
1382990	Soil	1.4	32.9	10.3	56	0.2	22.5	8.2	297	2.36	4.8	1.4	4.9	4.0	17	<0.1	0.4	0.2	41	0.20	0.043
1382987	Soil	1.0	35.7	11.2	55	<0.1	25.3	11.4	505	2.85	6.2	1.1	<0.5	5.4	37	<0.1	0.6	0.1	56	0.55	0.025
1382830	Soil	0.9	17.6	10.1	48	0.2	14.8	5.8	175	2.18	4.6	0.7	3.8	2.7	14	<0.1	0.4	0.2	41	0.13	0.034
1382992	Soil	1.3	32.7	9.3	60	0.1	19.6	8.7	381	2.27	3.6	1.0	1.3	4.3	13	0.1	0.3	0.1	38	0.11	0.037
1382994	Soil	1.0	23.8	8.5	47	<0.1	16.2	7.0	222	2.19	4.8	0.9	2.0	3.4	14	<0.1	0.4	0.2	42	0.14	0.030
1382986	Soil	0.4	30.3	8.7	55	0.1	23.9	10.7	417	2.40	6.9	1.6	3.1	2.2	83	<0.1	0.5	0.1	47	1.53	0.061
1382996	Soil	0.7	21.7	12.9	60	0.2	17.8	7.2	239	2.30	5.1	0.8	4.1	5.1	13	0.1	0.3	0.2	37	0.12	0.029
1383000	Soil	1.1	34.2	11.0	55	0.2	22.4	9.3	411	2.22	4.2	1.7	4.4	3.0	19	<0.1	0.4	0.2	43	0.19	0.050
1382995	Soil	0.9	25.9	8.7	53	0.1	19.2	7.8	276	2.24	4.4	0.9	2.4	3.8	13	<0.1	0.3	0.2	39	0.13	0.031
1382989	Soil	1.2	26.5	8.5	49	0.2	21.8	8.0	394	2.11	5.3	0.9	1.6	2.9	14	0.1	0.3	0.1	39	0.17	0.035
1382999	Soil	0.9	25.3	7.6	58	0.1	22.9	8.4	348	2.26	4.3	0.8	5.8	3.3	20	0.2	0.3	0.2	48	0.25	0.036
1382826	Soil	2.1	49.9	11.0	62	0.2	28.5	15.3	1169	3.13	6.3	2.3	3.7	2.8	24	0.2	0.6	0.2	50	0.28	0.068
1382993	Soil	1.5	34.7	9.5	61	0.2	23.4	10.4	521	2.70	3.4	0.9	2.2	3.7	13	0.1	0.2	0.2	42	0.11	0.044
1382991	Soil	1.7	42.8	10.6	64	0.3	23.9	9.4	542	2.65	4.8	1.4	2.0	3.7	18	0.1	0.4	0.2	49	0.18	0.047
1336823	Soil	1.2	44.4	18.7	138	0.4	35.8	16.0	661	3.78	8.7	1.3	4.1	7.2	56	0.7	0.9	0.2	75	1.08	0.097
1382980	Soil	1.2	33.0	8.7	50	0.1	18.7	6.7	209	2.34	4.1	0.9	1.9	2.7	18	<0.1	0.3	0.2	49	0.20	0.037
1382827	Soil	1.2	28.7	8.8	58	0.2	20.2	8.4	261	2.33	4.5	1.2	1.9	3.8	17	0.1	0.3	0.2	47	0.17	0.040
1382997	Soil	0.7	50.5	9.2	86	<0.1	48.8	16.8	467	3.68	3.2	1.0	0.5	8.9	22	<0.1	0.3	0.1	67	0.44	0.029
1336830	Soil	0.9	51.0	10.9	69	0.2	89.8	15.3	522	2.83	18.3	1.0	5.5	3.4	23	0.2	2.4	0.2	61	0.53	0.042
1336832	Soil	1.4	37.3	19.0	80	0.5	58.5	13.6	1077	2.63	15.6	0.9	1.3	1.8	28	0.7	1.5	0.2	58	0.60	0.037
1382828	Soil	1.1	29.2	8.3	49	<0.1	20.2	9.3	298	2.47	5.7	1.0	2.6	5.0	14	<0.1	0.4	0.2	51	0.15	0.020
1382998	Soil	1.1	35.5	9.7	63	0.1	32.8	14.5	602	3.10	6.3	1.3	2.0	4.5	34	0.1	0.4	0.2	59	0.66	0.043
1336824	Soil	1.0	27.5	15.3	81	0.3	24.9	10.7	499	2.63	6.2	0.8	1.1	2.2	32	0.2	0.5	0.2	59	0.60	0.046
1336826	Soil	1.1	37.1	12.0	86	0.1	24.6	16.9	618	3.97	14.9	1.0	<0.5	6.1	15	0.2	0.7	0.1	82	0.43	0.063
1382979	Soil	1.4	46.3	8.6	60	<0.1	24.1	9.2	536	2.46	5.1	1.3	0.6	3.2	18	0.2	0.5	0.2	49	0.17	0.041
1382978	Soil	1.3	37.1	8.5	58	0.1	20.6	7.9	361	2.45	5.2	0.9	2.7	3.2	15	0.1	0.4	0.2	48	0.16	0.039
1336822	Soil	1.0	22.7	20.3	80	0.2	15.6	9.9	375	2.78	5.7	0.8	<0.5	4.4	17	0.2	0.5	0.2	57	0.36	0.047
1336833	Soil	1.2	55.7	18.0	85	0.2	60.4	12.7	433	2.98	8.4	0.7	2.0	4.4	17	<0.1	0.7	0.3	62	0.22	0.019

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1382829	Soil	16	21	0.36	184	0.069	<1	1.12	0.007	0.09	<0.1	0.01	2.6	<0.1	<0.05	3	<0.5	<0.2
1382988	Soil	15	27	0.63	295	0.049	<1	1.54	0.010	0.09	<0.1	0.02	4.3	<0.1	<0.05	5	0.9	<0.2
1382990	Soil	18	26	0.44	212	0.057	1	1.24	0.009	0.11	0.1	0.03	3.9	0.1	<0.05	4	1.3	<0.2
1382987	Soil	18	38	0.60	306	0.054	<1	1.75	0.013	0.07	0.1	0.03	5.9	<0.1	<0.05	5	1.5	<0.2
1382830	Soil	14	21	0.40	276	0.061	<1	1.31	0.008	0.09	0.1	0.02	2.6	0.1	<0.05	4	0.8	<0.2
1382992	Soil	15	23	0.42	148	0.066	<1	1.28	0.007	0.16	0.1	0.02	2.4	0.1	<0.05	4	0.8	<0.2
1382994	Soil	15	25	0.43	185	0.063	<1	1.39	0.008	0.07	0.1	0.02	2.9	0.1	<0.05	5	<0.5	0.2
1382986	Soil	13	27	0.49	232	0.041	1	1.46	0.021	0.05	0.1	0.04	3.8	<0.1	<0.05	5	1.3	<0.2
1382996	Soil	17	24	0.45	281	0.089	<1	1.47	0.008	0.17	0.1	0.01	2.6	0.2	<0.05	5	<0.5	<0.2
1383000	Soil	18	25	0.38	251	0.043	<1	1.31	0.014	0.08	0.1	0.04	3.7	0.1	<0.05	4	2.2	0.2
1382995	Soil	17	26	0.49	216	0.079	<1	1.41	0.008	0.13	<0.1	0.03	2.7	0.2	<0.05	4	<0.5	<0.2
1382989	Soil	13	25	0.41	276	0.050	1	1.12	0.007	0.08	0.1	0.02	3.0	<0.1	<0.05	4	1.1	<0.2
1382999	Soil	13	28	0.47	306	0.053	1	1.48	0.010	0.07	0.1	0.02	3.8	<0.1	<0.05	4	1.3	<0.2
1382826	Soil	21	26	0.40	315	0.045	1	1.55	0.011	0.09	0.1	0.03	4.8	<0.1	<0.05	4	1.4	<0.2
1382993	Soil	20	27	0.49	178	0.096	1	1.63	0.007	0.38	<0.1	<0.01	3.2	0.2	<0.05	5	<0.5	<0.2
1382991	Soil	17	28	0.42	240	0.056	2	1.55	0.010	0.12	0.1	0.02	4.1	0.1	<0.05	4	<0.5	<0.2
1336823	Soil	30	49	0.93	293	0.063	3	2.20	0.013	0.15	0.3	0.03	12.7	0.1	<0.05	7	<0.5	<0.2
1382980	Soil	14	27	0.41	222	0.054	2	1.37	0.009	0.06	0.1	0.01	3.2	<0.1	<0.05	4	0.7	<0.2
1382827	Soil	19	30	0.48	284	0.060	<1	1.61	0.008	0.08	0.2	0.02	4.1	<0.1	<0.05	5	<0.5	<0.2
1382997	Soil	29	127	1.33	195	0.167	<1	2.40	0.012	0.37	<0.1	<0.01	6.3	0.2	<0.05	8	<0.5	<0.2
1336830	Soil	17	94	0.69	332	0.039	<1	1.64	0.012	0.05	0.1	0.03	7.4	<0.1	<0.05	4	<0.5	<0.2
1336832	Soil	13	50	0.41	236	0.025	1	1.61	0.012	0.08	0.2	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1382828	Soil	20	29	0.47	203	0.079	<1	1.55	0.007	0.07	0.1	0.01	4.2	<0.1	<0.05	4	<0.5	<0.2
1382998	Soil	17	46	0.67	319	0.068	<1	1.80	0.011	0.08	0.1	0.03	5.9	<0.1	<0.05	5	<0.5	<0.2
1336824	Soil	13	42	0.66	322	0.046	<1	1.84	0.013	0.05	0.2	0.03	6.1	<0.1	<0.05	5	<0.5	<0.2
1336826	Soil	16	37	0.79	271	0.071	<1	1.52	0.011	0.17	0.2	<0.01	8.4	<0.1	<0.05	6	<0.5	<0.2
1382979	Soil	18	26	0.41	218	0.051	<1	1.25	0.006	0.08	0.1	0.01	3.9	<0.1	<0.05	4	<0.5	<0.2
1382978	Soil	15	27	0.42	162	0.059	<1	1.40	0.008	0.10	0.1	<0.01	3.2	<0.1	<0.05	4	<0.5	<0.2
1336822	Soil	18	28	0.59	227	0.049	<1	1.40	0.010	0.06	0.2	<0.01	5.5	<0.1	<0.05	4	<0.5	<0.2
1336833	Soil	16	62	0.78	299	0.063	<1	1.81	0.010	0.10	0.2	0.02	5.2	0.1	<0.05	5	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1382984	Soil	1.1	29.8	12.0	81	0.2	38.9	21.2	416	4.22	7.3	1.7	<0.5	8.5	167	<0.1	0.8	0.2	84	3.58	0.049
1382982	Soil	1.1	41.2	8.4	65	0.2	34.6	10.5	427	2.60	4.1	0.9	1.0	4.2	13	<0.1	0.2	0.2	49	0.15	0.034
1336392	Soil	0.6	22.8	7.2	31	0.2	9.4	4.1	193	1.62	3.9	0.4	3.7	<0.1	8	0.2	0.2	0.2	41	0.07	0.064
1336831	Soil	1.6	67.0	12.8	102	0.2	500.8	33.3	827	4.26	62.2	0.9	3.8	5.2	22	0.3	12.3	0.2	50	0.41	0.054
1336821	Soil	1.0	14.6	2.5	75	<0.1	6.4	16.9	643	4.71	2.8	0.8	1.0	3.5	15	<0.1	1.0	<0.1	86	0.43	0.077
1336820	Soil	0.7	22.8	14.4	71	<0.1	28.6	13.3	408	3.60	6.3	1.4	<0.5	11.3	17	<0.1	1.1	0.3	60	0.29	0.055
1336399	Soil	2.6	60.2	10.5	56	<0.1	17.5	7.2	314	3.30	5.6	0.8	1.4	2.9	12	<0.1	0.3	0.2	60	0.12	0.034
1336825	Soil	1.5	27.0	19.9	80	0.2	27.3	12.3	417	3.01	7.7	0.9	3.6	3.5	27	0.2	0.5	0.2	64	0.46	0.043
1336828	Soil	1.0	36.9	22.2	78	0.3	45.8	10.6	324	2.60	10.6	0.7	2.0	2.6	20	0.3	0.8	0.2	61	0.42	0.033
1336819	Soil	1.3	24.3	20.8	83	0.3	28.0	19.5	1317	3.77	9.1	1.9	2.8	9.9	22	<0.1	1.3	0.2	51	0.35	0.055
1336391	Soil	1.1	36.2	8.6	53	<0.1	22.1	7.9	254	2.47	6.6	0.7	3.2	3.0	11	<0.1	0.4	0.2	56	0.11	0.032
1336829	Soil	1.3	36.5	51.2	156	1.1	43.5	17.1	780	4.62	20.6	0.8	4.7	2.8	18	1.0	2.6	0.2	73	0.61	0.102
1336827	Soil	0.9	31.9	29.7	95	0.5	36.1	10.8	446	2.64	11.7	0.6	2.4	1.9	27	0.2	0.7	0.2	60	0.72	0.037
1336818	Soil	0.9	25.8	17.2	78	0.2	25.7	11.9	394	2.80	8.3	1.4	1.3	5.2	28	0.2	0.7	0.2	56	0.43	0.058
1336393	Soil	1.1	48.5	8.7	81	0.3	37.8	9.6	328	2.60	6.1	0.7	5.0	3.3	11	<0.1	0.4	0.1	63	0.13	0.029
1336390	Soil	0.9	29.6	8.9	54	0.1	20.6	7.8	245	2.50	7.3	0.6	2.4	2.8	13	<0.1	0.4	0.1	58	0.13	0.037
1336402	Soil	1.9	67.3	10.0	58	0.1	26.8	14.4	1224	3.03	7.5	1.8	3.8	2.8	14	0.2	0.6	0.2	69	0.13	0.039
1336379	Soil	0.9	23.9	10.5	51	0.1	17.3	7.5	226	2.34	6.0	0.8	2.6	3.1	15	<0.1	0.4	0.1	48	0.16	0.032
1336403	Soil	1.3	73.0	12.7	77	<0.1	34.7	13.9	1331	3.34	8.9	1.3	3.7	5.1	16	0.2	0.9	0.2	67	0.13	0.034
1336378	Soil	0.7	23.2	10.2	66	0.2	19.4	8.6	286	2.57	5.6	1.0	3.2	5.6	20	<0.1	0.4	0.1	46	0.23	0.045
1336396	Soil	0.9	62.1	7.1	65	0.6	30.2	10.3	432	2.60	3.8	0.7	25.5	3.3	11	0.1	0.4	0.1	56	0.09	0.034
1336385	Soil	1.0	30.7	9.9	59	0.1	20.5	8.0	300	2.42	6.6	0.9	2.6	3.8	23	0.1	0.6	0.1	52	0.28	0.043
1336381	Soil	0.9	20.9	8.7	56	0.1	18.1	8.4	289	2.46	6.1	0.8	1.5	2.8	17	<0.1	0.5	0.1	48	0.18	0.044
1336401	Rock Pulp	1.5	558.8	21.4	68	0.3	264.7	93.4	986	17.51	4.1	1.3	45.8	7.6	17	0.2	0.5	0.2	217	0.44	0.039
1336386	Soil	1.1	33.2	9.7	64	<0.1	21.0	8.3	293	2.71	5.5	0.7	2.1	4.3	17	<0.1	0.5	0.2	52	0.15	0.024
1336384	Soil	0.9	25.7	8.9	56	<0.1	17.9	8.0	262	2.55	5.6	0.7	8.5	5.0	17	0.1	0.5	0.2	50	0.17	0.029
1336373	Soil	0.4	18.0	19.1	79	0.1	20.6	10.9	404	3.13	5.0	1.4	1.3	9.2	20	<0.1	0.3	0.2	48	0.23	0.040
1336383	Soil	0.9	26.0	8.2	51	<0.1	18.9	7.4	255	2.23	5.8	0.7	3.8	3.8	20	0.2	0.5	0.1	47	0.20	0.031
1336376	Soil	0.6	17.4	11.4	63	0.2	18.6	8.1	260	2.62	5.1	1.0	3.4	5.4	20	0.1	0.4	0.2	43	0.22	0.044
1336380	Soil	0.5	25.6	12.1	72	<0.1	23.7	9.6	370	2.98	4.0	0.9	9.7	9.4	18	<0.1	0.3	0.2	44	0.19	0.044

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1382984	Soil	28	54	0.68	204	0.026	<1	2.82	0.009	0.06	0.1	0.03	8.3	<0.1	<0.05	9	<0.5	<0.2
1382982	Soil	18	34	0.58	239	0.065	1	1.34	0.006	0.11	0.1	0.02	3.7	0.1	<0.05	4	0.5	<0.2
1336392	Soil	8	17	0.18	226	0.020	<1	1.06	0.011	0.05	<0.1	0.03	0.6	<0.1	<0.05	5	<0.5	<0.2
1336831	Soil	20	195	0.62	232	0.017	1	0.83	0.007	0.06	0.4	0.03	8.0	<0.1	<0.05	2	0.6	<0.2
1336821	Soil	9	17	0.80	405	0.126	<1	1.85	0.012	0.65	0.5	<0.01	11.1	0.3	<0.05	6	<0.5	<0.2
1336820	Soil	43	48	0.73	224	0.122	<1	1.84	0.007	0.39	0.6	<0.01	6.6	0.3	<0.05	6	<0.5	<0.2
1336399	Soil	11	34	0.69	178	0.110	<1	1.90	0.007	0.36	0.1	<0.01	3.1	0.3	0.11	5	<0.5	<0.2
1336825	Soil	17	49	0.68	298	0.051	<1	1.78	0.011	0.07	0.2	0.03	7.5	<0.1	<0.05	5	<0.5	<0.2
1336828	Soil	11	82	0.78	236	0.047	<1	1.64	0.012	0.05	0.1	0.02	6.1	<0.1	<0.05	5	<0.5	<0.2
1336819	Soil	51	40	0.52	309	0.083	1	1.69	0.009	0.22	0.5	0.08	6.7	0.2	<0.05	5	<0.5	<0.2
1336391	Soil	13	30	0.45	308	0.068	1	1.60	0.006	0.08	0.1	0.01	3.9	0.1	<0.05	5	<0.5	<0.2
1336829	Soil	12	51	0.86	251	0.064	1	1.49	0.008	0.18	0.2	0.02	12.2	0.1	<0.05	6	<0.5	<0.2
1336827	Soil	10	68	0.77	264	0.048	1	1.69	0.014	0.06	0.2	0.03	6.1	<0.1	<0.05	5	<0.5	<0.2
1336818	Soil	21	39	0.57	236	0.079	2	1.58	0.015	0.11	0.2	0.03	4.8	0.1	<0.05	5	<0.5	<0.2
1336393	Soil	13	34	0.56	565	0.080	<1	1.63	0.006	0.12	0.1	0.01	4.1	0.1	<0.05	5	0.9	<0.2
1336390	Soil	14	28	0.43	311	0.069	<1	1.64	0.008	0.06	0.2	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
1336402	Soil	17	34	0.45	208	0.059	<1	1.95	0.007	0.07	0.2	0.04	4.8	0.2	<0.05	5	<0.5	<0.2
1336379	Soil	17	27	0.37	303	0.062	<1	1.42	0.008	0.07	0.2	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
1336403	Soil	16	39	0.55	161	0.061	1	2.43	0.008	0.10	0.1	0.10	5.9	0.2	<0.05	6	<0.5	<0.2
1336378	Soil	22	28	0.49	438	0.083	2	1.55	0.011	0.13	0.2	0.02	3.8	0.2	<0.05	5	<0.5	<0.2
1336396	Soil	13	30	0.57	715	0.093	2	1.59	0.007	0.23	0.1	0.03	3.8	0.2	<0.05	6	<0.5	0.3
1336385	Soil	16	31	0.53	341	0.073	2	1.47	0.013	0.07	0.1	0.01	4.6	<0.1	<0.05	4	<0.5	<0.2
1336381	Soil	17	27	0.45	280	0.068	2	1.54	0.011	0.09	0.1	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
1336401	Rock Pulp	18	766	0.17	162	0.187	7	4.41	0.016	0.09	<0.1	0.02	50.8	<0.1	<0.05	20	0.6	<0.2
1336386	Soil	18	30	0.54	341	0.096	1	1.58	0.013	0.14	<0.1	0.03	3.9	0.2	<0.05	5	<0.5	<0.2
1336384	Soil	18	30	0.46	298	0.084	<1	1.53	0.011	0.11	0.1	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1336373	Soil	34	33	0.62	202	0.137	3	2.18	0.014	0.33	<0.1	0.04	4.3	0.3	<0.05	7	<0.5	<0.2
1336383	Soil	17	28	0.43	309	0.068	2	1.27	0.009	0.06	<0.1	0.02	3.6	0.1	<0.05	4	<0.5	<0.2
1336376	Soil	24	27	0.50	268	0.088	1	1.72	0.012	0.19	0.1	0.05	3.6	0.2	<0.05	5	<0.5	<0.2
1336380	Soil	34	30	0.65	371	0.164	2	1.65	0.010	0.59	0.2	0.01	3.9	0.4	<0.05	6	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1336388	Soil		1.2	25.4	9.4	57	0.3	19.7	7.2	260	2.55	7.4	0.6	3.0	2.0	12	0.1	0.5	0.2	61	0.10	0.029
1336394	Soil		1.2	52.8	9.9	77	0.4	34.0	10.9	404	2.79	6.8	0.9	7.8	4.4	13	0.1	0.5	0.2	63	0.12	0.034
1336382	Soil		1.4	24.2	9.2	55	0.2	18.7	7.6	254	2.42	7.2	0.8	2.9	3.5	20	<0.1	0.5	0.2	50	0.19	0.037
1336387	Soil		0.6	35.6	8.0	60	<0.1	18.9	8.0	286	2.25	5.4	0.8	3.1	3.7	15	<0.1	0.4	0.1	47	0.13	0.020
1336377	Soil		0.8	23.9	11.5	70	0.2	21.2	8.8	286	2.53	5.5	1.2	4.8	5.9	22	<0.1	0.4	0.2	45	0.26	0.046
1336397	Soil		0.6	42.4	7.1	66	0.6	26.4	3.9	179	2.00	3.6	0.5	2.3	0.6	11	0.3	0.3	0.2	53	0.09	0.034
1336389	Soil		0.9	33.2	8.5	58	<0.1	23.1	9.1	346	2.50	7.8	0.9	7.2	4.1	17	<0.1	0.6	0.1	52	0.15	0.020
1336374	Soil		0.4	17.4	12.4	68	<0.1	20.2	9.9	396	2.84	4.7	1.1	2.1	8.3	18	<0.1	0.2	0.2	41	0.20	0.044
1336404	Soil		1.4	22.1	8.9	35	<0.1	8.8	4.9	459	2.36	5.0	0.4	2.0	0.6	12	0.2	0.4	0.2	54	0.08	0.037
1336398	Soil		1.2	40.0	8.3	57	0.3	18.1	6.3	297	2.76	5.8	0.5	14.5	2.3	11	0.2	0.6	0.1	62	0.10	0.038
1336400	Soil		1.6	48.0	9.4	60	<0.1	18.8	8.9	365	2.57	3.9	2.2	3.4	2.5	19	0.3	0.3	0.1	59	0.16	0.071
1336375	Soil		0.6	17.9	12.3	64	<0.1	19.8	10.1	409	2.78	4.5	1.1	3.3	8.5	17	<0.1	0.3	0.2	40	0.19	0.045
1382832	Soil		1.2	31.7	9.5	65	0.1	21.4	7.7	320	2.53	6.0	1.2	8.0	4.0	19	<0.1	0.6	0.2	49	0.18	0.048
1382838	Soil		1.1	39.2	11.3	57	<0.1	23.4	8.7	396	3.16	8.0	1.1	5.0	2.7	16	<0.1	0.7	0.2	59	0.14	0.027
1382831	Soil		1.4	27.7	9.2	59	0.1	19.7	6.8	267	2.49	5.8	1.0	4.2	2.0	19	0.1	0.4	0.2	54	0.19	0.061
1336395	Soil		0.7	29.0	9.0	44	0.1	13.8	4.5	192	2.43	5.7	0.6	3.7	0.6	12	0.1	0.4	0.2	58	0.08	0.034
1382843	Soil		1.6	32.7	9.9	54	<0.1	19.3	8.6	544	2.64	7.2	0.9	2.8	3.0	16	0.2	0.5	0.2	53	0.14	0.041
1382840	Soil		1.9	51.4	13.2	64	0.2	23.0	8.2	444	3.05	7.3	1.8	3.1	4.1	17	0.1	0.7	0.2	69	0.11	0.049
1382834	Soil		1.2	34.8	9.7	58	0.1	22.1	7.6	331	2.64	7.1	1.0	3.4	3.2	16	0.1	0.6	0.2	54	0.13	0.039
1382833	Soil		1.1	31.8	10.3	53	0.2	21.6	7.3	318	2.38	6.0	1.1	3.4	2.1	21	0.1	0.4	0.2	48	0.21	0.047

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 18, 2013

CERTIFICATE OF ANALYSIS WHI13000477.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1336388	Soil		12	29	0.48	204	0.069	<1	1.71	0.010	0.07	0.1	0.03	3.0	0.1	<0.05	6	<0.5	0.2
1336394	Soil		16	36	0.67	576	0.102	2	1.86	0.009	0.19	0.1	0.04	4.9	0.2	<0.05	6	<0.5	<0.2
1336382	Soil		16	28	0.43	335	0.068	2	1.47	0.012	0.08	0.1	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1336387	Soil		15	27	0.46	314	0.073	2	1.40	0.010	0.10	<0.1	0.02	4.4	0.1	<0.05	4	<0.5	<0.2
1336377	Soil		24	28	0.48	502	0.082	2	1.64	0.012	0.10	0.2	0.03	4.1	0.2	<0.05	5	<0.5	<0.2
1336397	Soil		12	24	0.51	579	0.073	3	1.27	0.007	0.22	<0.1	0.03	2.2	0.1	<0.05	6	<0.5	<0.2
1336389	Soil		17	32	0.53	336	0.078	<1	1.67	0.009	0.08	0.1	0.03	5.2	<0.1	<0.05	5	<0.5	<0.2
1336374	Soil		28	27	0.53	214	0.110	1	1.73	0.011	0.30	0.1	0.03	3.7	0.3	<0.05	5	<0.5	<0.2
1336404	Soil		8	16	0.14	74	0.040	<1	1.04	0.015	0.04	<0.1	0.03	1.5	0.1	<0.05	6	<0.5	<0.2
1336398	Soil		11	28	0.42	338	0.086	2	1.31	0.007	0.14	0.1	0.03	2.7	0.1	<0.05	7	0.8	<0.2
1336400	Soil		18	24	0.55	165	0.083	3	1.52	0.019	0.24	<0.1	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1336375	Soil		28	27	0.51	217	0.111	<1	1.60	0.011	0.31	0.1	0.01	3.3	0.2	<0.05	5	<0.5	<0.2
1382832	Soil		18	29	0.46	204	0.058	<1	1.58	0.010	0.07	0.1	0.03	3.9	<0.1	<0.05	5	<0.5	0.3
1382838	Soil		14	33	0.45	168	0.049	1	1.82	0.010	0.07	0.1	0.02	4.3	0.1	<0.05	5	1.1	0.3
1382831	Soil		16	29	0.48	175	0.052	1	1.53	0.012	0.09	0.1	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1336395	Soil		11	24	0.34	313	0.053	<1	1.44	0.021	0.09	<0.1	0.02	2.2	<0.1	<0.05	7	<0.5	<0.2
1382843	Soil		14	28	0.46	180	0.062	1	1.45	0.010	0.09	0.1	0.02	3.4	0.1	<0.05	5	<0.5	<0.2
1382840	Soil		17	31	0.40	173	0.039	<1	1.83	0.008	0.09	0.1	0.02	4.4	0.2	<0.05	6	<0.5	<0.2
1382834	Soil		14	30	0.44	191	0.055	2	1.76	0.013	0.07	0.2	0.02	3.9	0.1	<0.05	5	<0.5	<0.2
1382833	Soil		15	30	0.42	227	0.045	2	1.58	0.013	0.07	<0.1	0.03	3.6	0.1	<0.05	5	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 18, 2013

QUALITY CONTROL REPORT WHI13000477.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																					
1336657	Soil	1.2	32.9	8.4	55	0.1	20.6	7.7	325	2.40	5.1	1.0	4.4	2.2	15	0.1	0.4	0.1	49	0.16	0.037
REP 1336657	QC	1.2	33.1	8.3	54	0.1	20.7	7.7	321	2.40	5.2	0.9	1.3	2.1	15	<0.1	0.4	0.1	47	0.15	0.037
1337217	Soil	1.2	32.4	11.9	60	0.2	21.4	8.0	264	2.71	5.3	0.9	4.9	5.0	17	<0.1	0.5	0.2	51	0.18	0.031
REP 1337217	QC	1.1	32.4	11.9	64	0.1	22.1	8.0	270	2.80	5.1	1.0	3.2	5.1	17	<0.1	0.5	0.2	52	0.18	0.031
1337057	Soil	0.5	5.9	5.1	45	<0.1	6.3	8.9	403	2.79	1.9	0.6	<0.5	6.1	7	<0.1	0.3	<0.1	48	0.20	0.017
REP 1337057	QC	0.5	6.1	5.2	46	<0.1	6.0	8.9	412	2.80	2.1	0.7	<0.5	6.2	7	<0.1	0.3	<0.1	47	0.21	0.016
1337144	Soil	1.3	43.0	7.6	69	<0.1	34.1	11.8	643	2.25	2.6	0.6	1.5	3.6	18	0.1	0.2	0.1	44	0.11	0.016
REP 1337144	QC	1.0	39.5	7.7	69	<0.1	35.2	11.7	639	2.29	1.7	0.6	0.7	3.6	18	<0.1	0.2	0.1	43	0.11	0.016
1336848	Soil	1.2	24.8	11.6	58	0.1	16.2	7.3	300	2.15	4.2	1.1	2.9	5.0	14	<0.1	0.4	0.2	35	0.13	0.029
REP 1336848	QC	0.9	25.5	11.5	58	0.1	17.5	7.2	306	2.25	4.4	1.1	0.8	5.3	14	0.2	0.4	0.2	36	0.16	0.029
1336843	Soil	0.9	41.8	71.1	172	1.1	43.8	16.4	522	2.90	13.0	1.0	8.5	4.7	19	1.1	1.6	1.2	55	0.38	0.044
REP 1336843	QC	0.8	41.7	72.1	181	1.2	47.4	16.8	554	2.98	13.2	1.0	5.7	4.5	20	1.2	1.5	1.1	57	0.40	0.044
1382996	Soil	0.7	21.7	12.9	60	0.2	17.8	7.2	239	2.30	5.1	0.8	4.1	5.1	13	0.1	0.3	0.2	37	0.12	0.029
REP 1382996	QC	0.8	22.3	12.8	62	0.1	17.3	7.2	251	2.40	4.2	0.8	1.0	4.9	13	<0.1	0.3	0.2	38	0.12	0.029
1336393	Soil	1.1	48.5	8.7	81	0.3	37.8	9.6	328	2.60	6.1	0.7	5.0	3.3	11	<0.1	0.4	0.1	63	0.13	0.029
REP 1336393	QC	1.0	46.6	8.6	83	0.3	37.0	9.6	339	2.61	5.9	0.7	5.8	3.4	11	0.2	0.4	0.2	62	0.12	0.027
1382833	Soil	1.1	31.8	10.3	53	0.2	21.6	7.3	318	2.38	6.0	1.1	3.4	2.1	21	0.1	0.4	0.2	48	0.21	0.047
REP 1382833	QC	1.4	32.8	10.1	60	0.2	21.3	7.5	323	2.44	5.9	1.1	5.1	2.3	23	0.1	0.5	0.2	48	0.22	0.048
Reference Materials																					
STD DS10	Standard	15.6	150.3	153.4	379	2.1	72.0	12.8	898	2.79	47.0	2.8	79.0	7.9	76	2.7	10.4	12.5	45	1.06	0.078
STD DS10	Standard	12.6	146.0	156.7	337	2.0	73.7	13.1	908	2.75	43.0	2.6	85.5	7.5	66	2.6	9.5	12.4	40	1.02	0.079
STD DS10	Standard	15.6	152.3	155.7	371	2.0	73.8	12.7	891	2.76	45.8	2.7	89.3	7.7	72	2.3	9.6	12.2	45	1.06	0.073
STD DS10	Standard	14.9	136.9	151.4	340	2.0	73.1	12.7	860	2.69	42.1	2.2	103.5	6.3	59	2.3	8.4	10.1	43	1.05	0.072
STD DS10	Standard	13.7	140.4	144.8	349	2.1	68.9	11.8	868	2.57	43.9	2.5	106.3	7.5	69	2.2	8.9	11.8	41	1.01	0.074
STD DS10	Standard	12.9	137.4	145.7	347	2.0	72.9	12.2	869	2.66	44.6	2.5	119.9	7.2	69	2.5	9.2	12.2	41	1.04	0.076
STD DS10	Standard	15.3	166.0	149.9	377	1.9	74.3	13.4	929	2.78	45.4	2.5	82.8	7.2	65	2.5	8.5	11.3	48	1.09	0.069
STD DS10	Standard	15.2	137.8	152.3	339	1.9	72.1	12.4	852	2.69	41.6	2.3	79.9	6.5	61	2.2	8.3	10.3	43	1.00	0.069
STD DS10	Standard	18.2	174.3	163.6	387	2.1	83.7	14.5	974	2.98	48.7	2.7	83.6	8.1	75	2.5	9.9	11.9	48	1.11	0.079

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 18, 2013

QUALITY CONTROL REPORT WHI13000477.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																		
1336657	Soil	14	29	0.46	229	0.053	<1	1.61	0.010	0.05	0.1	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
REP 1336657	QC	14	29	0.44	224	0.052	<1	1.56	0.010	0.05	0.1	0.02	3.5	0.1	<0.05	5	<0.5	<0.2
1337217	Soil	21	31	0.58	322	0.090	1	1.83	0.008	0.19	<0.1	0.03	4.0	0.2	<0.05	5	0.5	<0.2
REP 1337217	QC	21	33	0.60	321	0.088	<1	1.83	0.009	0.19	0.1	0.04	4.0	0.2	<0.05	5	<0.5	<0.2
1337057	Soil	19	13	0.47	216	0.073	<1	1.06	0.007	0.38	<0.1	<0.01	4.5	0.1	<0.05	5	<0.5	<0.2
REP 1337057	QC	19	12	0.49	224	0.073	<1	1.08	0.007	0.43	<0.1	<0.01	4.6	0.1	<0.05	5	<0.5	<0.2
1337144	Soil	11	34	0.55	249	0.064	<1	1.29	0.007	0.14	<0.1	<0.01	3.4	0.1	<0.05	4	<0.5	<0.2
REP 1337144	QC	11	35	0.57	253	0.063	1	1.27	0.007	0.13	<0.1	0.02	3.5	0.1	<0.05	4	<0.5	<0.2
1336848	Soil	20	21	0.41	228	0.070	<1	1.31	0.007	0.20	<0.1	0.01	2.8	0.1	<0.05	4	<0.5	<0.2
REP 1336848	QC	20	22	0.42	238	0.075	1	1.36	0.007	0.20	<0.1	<0.01	3.0	0.1	<0.05	4	<0.5	<0.2
1336843	Soil	17	82	0.82	263	0.047	3	1.61	0.012	0.07	0.1	0.03	6.4	0.1	<0.05	5	0.5	0.3
REP 1336843	QC	18	84	0.84	269	0.048	<1	1.63	0.012	0.07	0.1	0.03	6.2	0.1	<0.05	5	<0.5	<0.2
1382996	Soil	17	24	0.45	281	0.089	<1	1.47	0.008	0.17	0.1	0.01	2.6	0.2	<0.05	5	<0.5	<0.2
REP 1382996	QC	17	25	0.47	290	0.092	<1	1.45	0.007	0.18	<0.1	0.01	2.7	0.2	<0.05	5	<0.5	<0.2
1336393	Soil	13	34	0.56	565	0.080	<1	1.63	0.006	0.12	0.1	0.01	4.1	0.1	<0.05	5	0.9	<0.2
REP 1336393	QC	13	34	0.56	579	0.079	1	1.57	0.006	0.12	0.1	0.01	4.1	0.1	<0.05	5	0.6	<0.2
1382833	Soil	15	30	0.42	227	0.045	2	1.58	0.013	0.07	<0.1	0.03	3.6	0.1	<0.05	5	<0.5	<0.2
REP 1382833	QC	16	30	0.41	227	0.046	<1	1.63	0.014	0.07	0.1	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	19	56	0.80	360	0.085	4	1.08	0.076	0.34	3.4	0.30	3.2	5.0	0.29	5	1.2	6.0
STD DS10	Standard	17	53	0.77	344	0.074	7	1.00	0.072	0.31	3.2	0.27	2.6	5.0	0.25	4	1.7	5.8
STD DS10	Standard	19	57	0.79	364	0.083	8	1.08	0.072	0.35	3.5	0.29	2.8	5.0	0.27	5	2.9	4.2
STD DS10	Standard	17	55	0.76	357	0.075	6	1.02	0.063	0.32	3.4	0.29	2.8	4.9	0.23	4	2.4	4.7
STD DS10	Standard	17	53	0.76	329	0.073	7	1.04	0.069	0.33	3.3	0.27	2.8	5.0	0.24	4	2.7	4.2
STD DS10	Standard	17	52	0.79	350	0.075	8	0.98	0.067	0.32	3.3	0.32	2.7	4.8	0.25	4	3.4	4.6
STD DS10	Standard	17	58	0.76	353	0.081	6	1.03	0.063	0.33	3.5	0.27	3.0	5.0	0.31	4	2.0	5.3
STD DS10	Standard	17	54	0.77	362	0.078	6	1.06	0.063	0.31	3.3	0.30	2.6	4.9	0.24	4	2.5	4.8
STD DS10	Standard	19	62	0.85	384	0.092	7	1.16	0.072	0.37	3.1	0.29	3.3	5.5	0.32	5	2.3	5.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 18, 2013

QUALITY CONTROL REPORT WHI13000477.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD OXC109	Standard	1.7	35.8	11.6	41	<0.1	71.7	19.2	460	2.97	0.5	0.6	243.0	1.6	160	<0.1	<0.1	<0.1	49	0.80	0.109
STD OXC109	Standard	1.4	35.7	11.2	39	<0.1	68.7	19.5	440	2.82	<0.5	0.6	218.5	1.5	137	<0.1	<0.1	<0.1	45	0.66	0.101
STD OXC109	Standard	1.6	33.8	11.3	39	<0.1	69.8	19.5	432	2.82	0.5	0.6	205.8	1.4	139	<0.1	<0.1	<0.1	48	0.63	0.102
STD OXC109	Standard	1.5	32.6	9.4	39	<0.1	73.2	19.3	422	2.99	0.7	0.5	213.2	1.2	140	<0.1	<0.1	<0.1	50	0.74	0.109
STD OXC109	Standard	1.7	32.7	10.5	38	<0.1	67.1	17.8	418	2.66	0.8	0.6	229.6	1.4	144	<0.1	<0.1	<0.1	46	0.68	0.101
STD OXC109	Standard	1.6	34.7	11.3	40	<0.1	71.7	19.3	449	2.78	<0.5	0.6	210.5	1.5	145	0.1	<0.1	<0.1	48	0.67	0.111
STD OXC109	Standard	1.7	38.5	11.0	39	<0.1	75.7	20.7	428	3.13	0.6	0.6	219.5	1.5	146	<0.1	<0.1	<0.1	56	0.70	0.107
STD OXC109	Standard	1.5	29.7	8.9	36	<0.1	67.2	18.6	396	2.72	<0.5	0.5	194.8	1.2	142	<0.1	<0.1	<0.1	48	0.71	0.099
STD OXC109	Standard	1.9	43.2	11.7	42	<0.1	83.3	22.5	490	3.35	0.9	0.6	237.4	1.5	164	0.1	<0.1	<0.1	60	0.86	0.111
STD DS10 Expected		14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	2.59	91.9	7.5	67.1	2.48	9.51	11.65	43	1.0355	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	0.8	<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	2	0.02	<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
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 18, 2013

QUALITY CONTROL REPORT WHI13000477.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD OXC109	Standard	13	58	1.31	57	0.377	2	1.51	0.684	0.41	0.2	<0.01	1.3	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	12	54	1.26	56	0.367	2	1.48	0.678	0.40	0.2	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	58	1.26	56	0.366	2	1.45	0.661	0.40	0.3	0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	11	61	1.51	58	0.386	2	1.60	0.710	0.43	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	53	1.24	54	0.343	2	1.45	0.602	0.40	0.2	<0.01	1.2	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	56	1.33	54	0.354	2	1.50	0.657	0.40	0.2	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	65	1.50	56	0.395	<1	1.62	0.713	0.42	0.2	<0.01	0.9	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	11	56	1.37	57	0.359	1	1.46	0.615	0.38	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	14	67	1.56	64	0.452	1	1.68	0.741	0.48	0.2	0.01	1.1	<0.1	<0.05	6	<0.5	<0.2
STD DS10 Expected		17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
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
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
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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, 2013
Report Date: October 17, 2013
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI13000478.1

CLIENT JOB INFORMATION

Project: NIN
Shipment ID: NINSOIL13-002
P.O. Number
Number of Samples: 320

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	320	Dry at 60C			WHI
SS80	316	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1382849	Soil		1.2	28.8	27.4	105	0.3	30.5	13.8	539	3.42	9.5	1.0	1.8	5.9	17	0.2	0.4	0.2	53	0.30	0.045
1382847	Soil		1.2	33.2	28.0	107	0.4	25.8	9.9	363	2.55	10.2	1.1	4.4	1.6	14	0.6	0.5	0.3	46	0.16	0.055
1382848	Soil		1.0	37.8	23.1	117	0.2	35.0	15.6	410	3.50	8.5	1.3	4.5	6.5	12	0.1	0.4	0.3	51	0.17	0.035
1382850	Soil		0.8	25.6	10.5	73	0.1	25.0	10.5	357	2.96	5.5	0.8	5.1	4.2	17	0.1	0.3	0.2	51	0.27	0.045
1337079	Soil		1.4	23.3	8.0	69	<0.1	19.5	12.7	543	3.27	5.1	0.9	3.1	6.0	18	0.2	0.5	0.1	58	0.48	0.047
1382846	Soil		1.7	46.0	41.3	275	0.1	39.8	19.5	715	4.21	13.4	1.5	4.6	6.8	9	0.9	0.8	0.3	56	0.11	0.045
1382839	Soil		2.3	46.2	11.0	71	0.2	27.3	10.4	359	3.63	9.6	0.8	2.7	2.7	14	0.2	0.5	0.2	78	0.13	0.058
1382845	Soil		1.0	34.8	18.8	84	<0.1	37.1	17.1	472	3.84	9.5	0.8	0.8	9.1	11	0.2	0.5	0.3	61	0.12	0.026
1337085	Soil		1.2	27.0	11.4	66	0.1	28.7	13.6	445	3.01	5.7	1.1	2.6	5.6	18	0.2	0.4	0.2	53	0.38	0.062
1382844	Soil		0.9	39.5	236.4	198	1.7	21.7	8.2	399	2.76	14.5	1.1	5.0	1.7	13	2.5	1.0	1.2	35	0.17	0.047
1382835	Soil		1.4	47.0	6.3	63	<0.1	25.8	9.2	447	2.53	4.2	0.9	3.3	2.1	11	0.1	0.4	0.1	49	0.11	0.035
1382837	Soil		1.5	30.2	8.6	45	0.1	18.8	7.9	313	2.63	6.8	0.8	5.1	1.6	12	0.2	0.4	0.1	54	0.12	0.025
1337069	Soil		1.7	31.7	3.8	54	<0.1	23.5	17.8	644	4.63	3.1	0.6	1.4	6.2	8	<0.1	0.3	<0.1	64	0.32	0.056
1382841	Soil		1.5	45.6	10.3	55	<0.1	27.4	10.1	513	2.82	8.4	1.2	5.2	3.3	19	<0.1	0.6	0.2	62	0.23	0.037
1382836	Soil		1.6	41.8	9.1	62	<0.1	23.2	10.3	454	3.08	6.9	0.9	3.9	2.3	14	0.1	0.5	0.1	58	0.16	0.036
1382842	Soil		1.9	35.4	9.2	54	<0.1	20.0	9.5	535	2.78	7.4	0.9	5.2	2.7	12	0.2	0.5	0.1	58	0.13	0.035
1337065	Soil		1.4	1031	1.5	83	0.9	20.4	29.4	1061	5.99	0.8	0.3	14.0	1.5	12	0.3	0.1	0.2	92	1.29	0.053
1337082	Soil		1.0	21.3	8.7	51	0.1	28.0	11.2	445	2.51	4.2	1.0	2.1	4.2	15	<0.1	0.2	0.1	45	0.29	0.034
1337089	Soil		1.8	55.0	9.1	99	0.2	48.9	12.4	617	3.46	1.5	0.9	2.1	7.3	11	0.1	0.2	0.2	29	0.21	0.047
1337087	Soil		1.9	28.0	10.0	92	<0.1	28.0	9.8	390	3.63	12.6	0.9	1.4	5.2	11	0.1	0.7	0.2	35	0.07	0.032
1337084	Soil		0.8	43.5	43.0	97	0.9	41.7	11.2	335	2.44	10.5	0.9	5.4	3.1	21	0.3	0.7	0.5	55	0.38	0.046
1337070	Soil		1.1	28.7	5.4	59	<0.1	16.8	20.0	642	4.33	2.0	0.6	0.5	5.4	9	0.1	0.2	<0.1	89	0.34	0.062
1337081	Soil		0.7	19.0	7.8	61	<0.1	26.1	10.4	307	3.22	5.2	0.9	2.4	4.6	16	0.1	0.2	0.1	45	0.35	0.043
1337078	Soil		1.1	35.8	9.4	81	0.1	34.1	15.4	645	3.71	5.9	0.8	1.4	5.2	18	0.2	0.6	0.1	76	0.47	0.049
1337086	Soil		1.9	38.0	14.6	103	0.1	32.1	12.9	500	3.85	7.3	1.1	2.0	7.3	15	<0.1	0.6	0.2	40	0.29	0.053
1337072	Soil		0.9	37.8	6.2	56	<0.1	14.9	14.5	643	3.98	3.1	0.6	1.7	5.1	10	0.1	0.5	<0.1	58	0.32	0.043
1337083	Soil		0.9	36.5	53.4	107	1.0	40.2	16.8	552	2.98	16.1	0.9	4.5	2.3	25	0.3	0.9	0.6	60	0.46	0.051
1337077	Soil		0.5	53.0	3.0	51	<0.1	32.9	25.1	510	3.86	14.1	0.2	<0.5	1.3	9	<0.1	0.3	<0.1	102	0.60	0.076
1337075	Soil		0.8	23.4	5.8	85	<0.1	8.0	15.8	765	4.45	4.4	0.8	<0.5	8.5	7	<0.1	0.6	<0.1	59	0.28	0.034
1337068	Soil		3.7	275.5	2.0	66	0.1	18.1	16.7	664	4.38	1.5	0.6	4.0	5.2	9	0.2	0.2	0.1	56	0.35	0.071

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1382849	Soil	26	38	0.67	216	0.128	<1	1.99	0.009	0.35	0.1	0.01	4.4	0.3	<0.05	6	<0.5	<0.2
1382847	Soil	23	28	0.53	149	0.061	<1	1.56	0.010	0.23	0.1	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1382848	Soil	28	38	0.84	167	0.122	<1	2.10	0.007	0.39	0.1	0.02	4.6	0.3	<0.05	6	0.5	<0.2
1382850	Soil	21	34	0.64	250	0.106	2	1.91	0.008	0.18	0.2	0.02	3.8	0.2	<0.05	6	<0.5	<0.2
1337079	Soil	22	28	0.51	342	0.070	2	1.53	0.011	0.20	0.1	0.04	8.7	0.1	<0.05	5	<0.5	<0.2
1382846	Soil	25	35	0.87	126	0.122	1	2.08	0.006	0.50	0.1	0.01	3.7	0.4	<0.05	7	<0.5	<0.2
1382839	Soil	11	37	0.53	164	0.052	1	2.26	0.007	0.10	0.1	0.02	3.8	0.1	<0.05	6	<0.5	<0.2
1382845	Soil	23	41	0.76	244	0.112	2	2.81	0.007	0.32	0.1	0.03	4.4	0.4	<0.05	6	<0.5	<0.2
1337085	Soil	22	38	0.52	326	0.039	1	1.52	0.008	0.09	0.1	0.04	6.2	0.1	<0.05	4	<0.5	<0.2
1382844	Soil	29	25	0.36	212	0.028	<1	1.75	0.006	0.18	<0.1	0.04	2.3	0.2	<0.05	5	<0.5	0.6
1382835	Soil	12	25	0.44	230	0.063	<1	1.26	0.005	0.14	<0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
1382837	Soil	12	25	0.32	174	0.043	<1	1.48	0.008	0.05	0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1337069	Soil	20	25	0.25	357	0.012	<1	0.93	0.005	0.13	<0.1	0.02	13.9	<0.1	<0.05	3	<0.5	<0.2
1382841	Soil	16	37	0.51	320	0.047	2	1.71	0.007	0.06	0.2	0.04	5.7	<0.1	<0.05	5	<0.5	<0.2
1382836	Soil	12	32	0.42	248	0.047	<1	1.66	0.007	0.07	0.1	0.03	4.3	0.1	<0.05	5	0.5	<0.2
1382842	Soil	12	30	0.43	159	0.043	1	1.62	0.006	0.08	0.1	0.01	3.3	0.1	<0.05	5	<0.5	<0.2
1337065	Soil	8	36	0.70	626	0.021	1	0.91	0.005	0.22	<0.1	0.05	27.1	<0.1	<0.05	4	0.6	<0.2
1337082	Soil	18	44	0.49	209	0.074	<1	1.50	0.007	0.16	0.1	0.03	3.7	0.2	<0.05	4	0.5	<0.2
1337089	Soil	30	27	0.46	176	0.020	<1	1.00	0.004	0.15	<0.1	0.02	7.3	0.1	<0.05	3	0.5	<0.2
1337087	Soil	17	21	0.19	135	0.005	<1	1.44	0.004	0.07	<0.1	0.01	5.2	0.1	<0.05	3	<0.5	<0.2
1337084	Soil	17	62	0.66	418	0.052	2	1.99	0.011	0.06	0.2	0.04	6.0	0.1	<0.05	5	0.6	<0.2
1337070	Soil	15	29	0.66	338	0.055	<1	1.42	0.007	0.26	<0.1	<0.01	11.2	0.1	<0.05	5	<0.5	<0.2
1337081	Soil	19	44	0.59	217	0.087	<1	1.49	0.007	0.22	<0.1	0.02	4.1	0.2	<0.05	5	<0.5	<0.2
1337078	Soil	18	44	0.74	436	0.070	1	1.65	0.013	0.27	0.1	0.04	10.5	0.1	<0.05	5	<0.5	<0.2
1337086	Soil	27	26	0.28	248	0.025	2	1.41	0.008	0.14	0.1	0.03	8.6	0.1	<0.05	3	<0.5	<0.2
1337072	Soil	13	20	0.28	411	0.012	<1	0.83	0.008	0.12	<0.1	0.03	11.2	<0.1	<0.05	3	<0.5	<0.2
1337083	Soil	14	66	0.66	421	0.048	<1	2.17	0.013	0.05	0.2	0.05	6.2	0.1	<0.05	5	1.0	0.2
1337077	Soil	7	40	0.86	467	0.095	<1	1.68	0.023	0.20	<0.1	0.02	9.2	0.1	<0.05	6	<0.5	<0.2
1337075	Soil	18	9	0.39	413	0.046	<1	1.07	0.006	0.24	0.2	0.01	10.1	0.1	<0.05	4	0.6	<0.2
1337068	Soil	21	24	0.63	437	0.040	<1	0.98	0.007	0.26	<0.1	0.03	14.1	<0.1	<0.05	5	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1337074	Soil	1.1	19.0	8.7	76	<0.1	11.5	13.9	416	4.58	7.5	0.5	2.8	3.5	10	0.1	0.5	0.1	95	0.18	0.027
1337073	Soil	0.9	17.2	5.9	60	<0.1	15.0	14.8	400	4.16	4.1	0.6	1.7	4.0	11	<0.1	0.4	0.1	84	0.23	0.018
1337071	Soil	0.7	25.6	4.7	67	<0.1	10.8	12.7	397	3.75	3.0	0.5	<0.5	3.5	7	0.1	0.3	<0.1	71	0.17	0.023
1337080	Soil	0.9	20.9	7.2	53	<0.1	12.9	8.2	350	2.49	5.0	0.9	3.8	3.2	18	0.2	0.3	<0.1	48	0.48	0.037
1337066	Soil	1.0	50.4	0.9	29	<0.1	18.9	16.8	392	3.47	0.9	0.4	1.1	4.4	5	<0.1	0.1	<0.1	70	0.30	0.030
1337088	Soil	1.0	40.4	9.1	94	0.2	26.7	10.6	666	3.39	10.5	1.2	1.3	8.4	13	<0.1	1.4	0.2	26	0.08	0.024
1337067	Soil	1.5	131.5	3.4	48	0.1	20.7	13.6	479	3.69	3.2	0.5	3.6	4.1	11	<0.1	0.2	0.1	67	0.32	0.031
1337063	Soil	1.1	10.2	7.8	50	<0.1	11.3	9.6	352	3.26	5.9	0.3	<0.5	2.8	9	<0.1	0.3	0.1	69	0.14	0.020
1337064	Soil	1.1	11.7	2.9	36	<0.1	13.5	11.0	412	2.90	2.2	0.3	<0.5	2.0	7	<0.1	0.1	<0.1	65	0.25	0.035
1337062	Soil	1.2	11.0	5.7	74	<0.1	5.3	12.1	462	3.85	5.3	0.7	<0.5	7.6	6	<0.1	0.4	0.2	59	0.14	0.032
1336319	Soil	1.1	21.9	10.2	69	0.1	21.9	13.2	545	2.95	7.5	0.8	1.8	2.9	22	0.2	0.7	0.2	55	0.44	0.064
1336332	Soil	0.6	30.6	21.9	83	0.3	25.2	10.9	477	2.48	6.4	0.7	15.0	2.2	54	0.5	0.6	0.2	52	1.22	0.049
1336322	Soil	1.0	29.7	5.3	55	<0.1	23.8	15.1	348	2.98	2.9	0.5	2.7	3.5	14	<0.1	0.2	<0.1	89	0.25	0.029
1337076	Soil	0.8	19.9	5.4	81	<0.1	9.6	16.5	704	4.64	3.5	0.8	1.5	8.2	8	<0.1	0.3	<0.1	75	0.31	0.037
1336344	Soil	0.8	21.5	3.3	69	<0.1	12.8	18.1	425	3.88	1.9	0.5	2.6	2.8	17	<0.1	0.1	<0.1	104	0.60	0.045
1336329	Soil	0.8	20.7	7.4	60	<0.1	18.3	12.4	353	2.93	4.7	0.3	0.6	2.2	16	0.1	0.4	<0.1	61	0.48	0.052
1336342	Soil	0.8	23.6	2.8	92	<0.1	21.5	18.7	745	4.56	2.1	0.6	3.2	2.5	15	0.2	0.2	<0.1	110	0.64	0.108
1336340	Soil	1.6	42.5	20.8	85	0.2	97.2	14.3	534	3.10	11.3	0.7	5.1	5.1	16	0.1	0.9	0.2	49	0.33	0.052
1336697	Soil	1.0	42.0	6.1	52	0.1	20.4	6.5	209	2.22	4.1	0.4	8.6	2.9	7	<0.1	0.3	0.1	42	0.07	0.017
1336693	Soil	0.8	30.7	5.2	49	0.3	12.7	3.3	90	1.90	3.3	0.3	3.0	1.5	6	0.2	0.4	0.1	43	0.05	0.015
1336335	Soil	0.9	29.1	18.5	70	0.4	37.8	13.0	593	2.80	8.3	0.7	3.5	1.7	23	0.4	0.7	0.2	60	0.75	0.046
1336343	Soil	1.1	89.1	7.5	85	0.1	23.2	15.4	583	3.75	4.7	0.9	3.1	4.1	18	0.1	0.4	0.2	86	0.50	0.058
1336698	Soil	1.8	48.3	8.9	63	0.2	23.7	8.9	405	2.86	6.0	1.0	8.3	1.9	13	0.1	0.4	0.2	58	0.13	0.039
1336694	Soil	0.9	45.7	6.1	53	0.2	14.4	3.3	109	2.03	2.4	0.4	1.8	1.4	5	<0.1	0.3	0.1	48	0.04	0.023
1336337	Soil	1.1	33.6	46.0	129	0.7	69.6	14.2	746	3.29	45.3	0.8	3.1	3.5	17	0.5	2.2	0.2	51	0.48	0.048
1336321	Soil	0.7	28.5	4.2	81	<0.1	16.3	16.9	286	3.72	1.4	0.5	<0.5	3.1	15	<0.1	0.1	<0.1	131	0.45	0.076
1336699	Soil	1.7	35.9	9.3	55	0.1	23.4	11.0	476	2.81	6.4	1.3	4.1	3.3	15	0.1	0.4	0.2	61	0.20	0.036
1336695	Soil	1.3	47.5	6.4	57	0.2	20.2	4.3	129	2.10	3.1	0.4	5.6	1.9	5	<0.1	0.3	0.1	45	0.05	0.026
1336333	Soil	0.8	22.1	30.8	84	0.4	27.2	11.8	386	2.87	9.7	0.6	1.7	3.2	16	0.2	0.4	0.2	61	0.36	0.034
1336331	Soil	0.8	32.0	21.7	120	0.4	27.4	12.6	545	2.86	9.2	1.1	1.1	2.9	31	0.7	0.8	0.1	58	0.73	0.060

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1337074	Soil	12	21	0.49	228	0.047	<1	1.94	0.011	0.13	0.1	0.01	6.9	0.1	<0.05	6	<0.5	<0.2
1337073	Soil	17	38	0.74	412	0.064	<1	1.99	0.010	0.12	<0.1	<0.01	10.1	0.1	<0.05	6	<0.5	<0.2
1337071	Soil	10	19	0.77	277	0.104	<1	1.79	0.008	0.38	<0.1	<0.01	6.1	0.1	<0.05	7	<0.5	<0.2
1337080	Soil	14	23	0.36	348	0.040	<1	1.33	0.010	0.10	0.1	0.05	6.6	<0.1	<0.05	4	0.7	<0.2
1337066	Soil	14	38	1.29	409	0.079	<1	1.65	0.010	0.25	<0.1	0.01	12.4	<0.1	<0.05	7	<0.5	<0.2
1337088	Soil	31	15	0.13	184	0.004	<1	0.84	0.004	0.08	<0.1	0.03	8.5	0.1	<0.05	2	<0.5	<0.2
1337067	Soil	19	50	0.98	520	0.052	<1	1.93	0.009	0.10	0.1	0.03	15.7	<0.1	<0.05	7	<0.5	<0.2
1337063	Soil	13	24	0.44	184	0.060	1	1.69	0.006	0.15	0.1	0.01	4.2	<0.1	<0.05	6	<0.5	<0.2
1337064	Soil	7	33	0.66	345	0.090	<1	1.49	0.015	0.28	<0.1	<0.01	5.8	<0.1	<0.05	7	<0.5	<0.2
1337062	Soil	23	10	0.31	202	0.051	<1	1.11	0.007	0.37	<0.1	0.02	6.2	0.1	<0.05	4	<0.5	<0.2
1336319	Soil	15	35	0.62	293	0.073	2	1.79	0.014	0.09	0.3	0.07	5.6	0.1	<0.05	5	<0.5	<0.2
1336332	Soil	15	37	0.56	247	0.042	<1	1.66	0.012	0.06	0.2	0.04	6.1	<0.1	<0.05	5	<0.5	<0.2
1336322	Soil	16	36	1.44	232	0.098	<1	2.21	0.009	0.16	0.1	0.01	7.9	<0.1	<0.05	7	<0.5	<0.2
1337076	Soil	20	12	0.50	457	0.063	1	1.28	0.007	0.31	0.1	<0.01	11.4	0.1	<0.05	5	<0.5	<0.2
1336344	Soil	13	41	2.26	344	0.172	<1	2.77	0.014	0.40	<0.1	<0.01	11.5	0.2	<0.05	8	<0.5	<0.2
1336329	Soil	9	42	0.78	213	0.103	<1	1.76	0.013	0.09	0.3	0.01	4.5	<0.1	<0.05	6	<0.5	<0.2
1336342	Soil	11	57	2.45	484	0.139	<1	2.65	0.007	0.32	0.1	0.02	19.1	0.2	<0.05	10	<0.5	<0.2
1336340	Soil	21	83	0.82	233	0.049	1	1.54	0.009	0.09	0.2	0.02	5.9	<0.1	<0.05	4	<0.5	<0.2
1336697	Soil	11	25	0.47	422	0.073	<1	1.41	0.004	0.16	<0.1	0.02	3.0	0.1	<0.05	4	<0.5	<0.2
1336693	Soil	7	18	0.25	172	0.074	<1	1.05	0.011	0.15	<0.1	0.02	1.8	0.1	<0.05	5	<0.5	<0.2
1336335	Soil	12	62	0.59	291	0.039	<1	1.74	0.012	0.06	0.2	0.04	6.2	<0.1	<0.05	5	<0.5	<0.2
1336343	Soil	16	44	1.50	453	0.125	<1	2.53	0.013	0.35	0.1	0.01	11.2	0.2	<0.05	7	<0.5	<0.2
1336698	Soil	13	32	0.47	416	0.060	<1	1.90	0.011	0.17	<0.1	0.03	3.6	0.1	<0.05	6	0.8	<0.2
1336694	Soil	8	24	0.40	374	0.082	<1	0.96	0.004	0.27	<0.1	0.02	2.2	0.2	<0.05	5	0.7	<0.2
1336337	Soil	16	63	0.62	275	0.035	<1	1.48	0.009	0.09	0.2	0.03	8.0	<0.1	<0.05	5	<0.5	<0.2
1336321	Soil	15	55	2.20	395	0.151	<1	2.75	0.012	0.44	<0.1	<0.01	11.7	0.2	<0.05	10	<0.5	<0.2
1336699	Soil	18	35	0.58	240	0.068	<1	2.08	0.008	0.12	0.1	0.03	5.2	0.2	<0.05	6	<0.5	<0.2
1336695	Soil	9	25	0.45	365	0.065	<1	1.08	0.004	0.20	<0.1	<0.01	2.5	0.1	<0.05	4	0.5	<0.2
1336333	Soil	13	50	0.66	229	0.043	<1	1.57	0.009	0.06	0.1	0.03	5.5	0.1	<0.05	5	<0.5	<0.2
1336331	Soil	17	33	0.58	230	0.036	<1	1.53	0.010	0.06	0.1	0.05	6.1	<0.1	<0.05	5	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336700	Soil	1.4	46.5	8.4	58	0.3	25.9	7.5	305	2.63	6.7	0.9	1.7	1.6	16	0.3	0.4	0.2	59	0.17	0.050
1336696	Soil	1.5	39.6	6.7	50	0.3	17.5	5.4	132	2.33	3.7	0.4	4.9	2.3	7	<0.1	0.3	0.1	47	0.07	0.020
1336692	Soil	1.0	49.7	9.6	57	0.1	17.4	3.4	104	2.13	3.4	0.3	2.0	1.5	4	<0.1	0.4	0.1	40	0.04	0.025
1336334	Soil	0.7	22.1	17.3	66	0.1	19.6	10.0	446	2.80	4.7	0.6	0.9	4.8	10	0.2	0.4	<0.1	51	0.30	0.034
1336336	Soil	0.7	17.4	66.1	104	0.4	24.7	10.1	457	2.81	44.0	0.6	4.1	5.5	11	0.4	1.1	0.4	45	0.33	0.034
1336687	Soil	1.5	40.3	10.6	62	0.3	25.2	9.1	285	2.58	6.7	0.7	6.7	2.7	11	0.2	0.5	0.1	58	0.11	0.023
1336689	Soil	1.3	36.9	9.6	65	0.7	31.5	11.9	233	3.15	9.7	0.5	10.4	3.3	12	0.1	0.5	0.1	71	0.14	0.023
1336702	Soil	1.6	36.0	8.4	54	0.1	22.5	7.7	421	2.65	7.4	1.1	1.4	2.8	15	<0.1	0.5	0.1	57	0.20	0.041
1336330	Soil	1.0	16.4	16.4	73	0.2	18.3	10.1	357	2.72	7.0	0.8	1.7	3.8	19	0.2	0.6	0.2	56	0.36	0.036
1336701	Rock Pulp	1.3	539.4	15.6	60	0.3	263.6	94.4	978	17.02	3.8	0.9	45.6	5.5	12	0.1	0.4	0.1	238	0.42	0.038
1336690	Soil	1.7	47.2	10.4	61	0.3	28.6	11.6	138	2.83	8.0	0.5	3.0	2.6	7	0.1	0.6	0.1	63	0.06	0.030
1336683	Soil	0.7	23.3	12.3	85	<0.1	29.8	13.7	470	3.41	4.2	0.8	0.7	9.4	14	0.1	0.3	0.2	46	0.24	0.039
1336320	Soil	1.0	19.4	10.3	63	0.2	13.7	15.3	1136	3.53	5.3	1.5	4.5	3.7	38	0.2	0.9	0.1	52	0.88	0.096
1336686	Soil	0.9	32.7	10.0	55	0.2	20.7	7.3	266	2.25	6.8	0.8	8.5	3.0	19	<0.1	0.5	0.2	47	0.20	0.040
1336691	Soil	1.1	41.1	12.8	73	0.6	27.9	17.3	339	2.96	11.3	0.9	4.4	5.1	12	0.3	0.8	0.2	61	0.09	0.036
1336682	Soil	0.7	24.3	15.1	80	<0.1	29.0	11.5	467	3.03	5.4	1.2	2.2	10.0	25	<0.1	0.4	0.2	45	0.35	0.041
1336339	Soil	1.3	49.0	20.2	89	0.3	50.5	10.8	690	3.09	16.6	1.2	1.5	9.6	22	<0.1	2.4	0.2	32	0.41	0.081
1336688	Soil	1.0	37.3	10.4	61	0.5	24.1	8.4	290	2.59	8.6	0.8	5.3	4.0	11	<0.1	0.6	0.1	61	0.10	0.024
1336684	Soil	0.6	28.5	13.3	80	0.1	28.4	10.2	458	2.84	5.1	1.1	1.6	7.7	28	0.3	0.3	0.2	44	0.41	0.040
1336685	Soil	0.9	36.8	12.4	78	0.2	26.6	8.6	332	2.60	6.6	0.9	5.1	4.7	18	0.2	0.6	0.2	44	0.19	0.031
1336490	Soil	1.2	32.9	9.0	61	0.2	22.9	7.0	297	2.40	5.6	1.0	3.7	2.4	19	0.1	0.5	0.1	50	0.20	0.043
1336341	Soil	0.8	44.7	6.9	114	<0.1	24.4	18.2	516	4.44	4.7	0.7	<0.5	3.2	19	<0.1	0.4	0.1	117	0.59	0.058
1336323	Soil	0.8	35.9	9.1	54	0.3	26.5	12.6	538	2.85	4.0	0.9	3.0	3.9	23	0.2	0.5	0.1	80	0.44	0.046
1336338	Soil	1.4	43.4	12.3	69	0.2	42.7	9.3	441	2.46	9.3	1.1	0.9	2.8	28	0.1	1.0	0.2	48	0.45	0.042
1336489	Soil	1.4	36.8	9.3	66	0.1	24.7	8.7	392	2.47	6.3	1.2	<0.5	3.7	25	<0.1	0.6	0.2	51	0.26	0.049
1336482	Soil	0.7	16.8	5.7	16	0.1	4.5	1.7	80	1.02	3.2	0.9	<0.5	0.3	9	0.1	0.2	0.1	30	0.05	0.050
1336488	Soil	1.9	39.6	10.3	63	0.2	22.9	8.3	340	2.61	5.9	1.6	15.9	3.2	20	0.1	0.4	0.2	58	0.17	0.060
1336491	Soil	0.7	28.0	7.3	57	0.1	20.4	5.5	201	2.14	5.5	0.9	7.2	1.1	19	0.1	0.4	0.1	45	0.19	0.044
1336486	Soil	3.0	54.2	13.2	67	0.5	22.6	7.5	302	2.74	4.7	2.3	3.0	0.6	19	0.1	0.3	0.2	56	0.12	0.092
1337178	Soil	1.0	33.3	9.8	58	0.2	22.7	8.8	289	2.76	8.5	0.9	4.3	4.7	14	0.1	0.7	0.2	64	0.13	0.018

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1336700	Soil	14	32	0.48	241	0.058	1	1.68	0.008	0.11	0.1	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
1336696	Soil	9	26	0.43	390	0.072	<1	1.39	0.005	0.16	<0.1	0.02	2.8	0.1	<0.05	5	0.9	<0.2
1336692	Soil	7	19	0.20	206	0.050	<1	0.74	0.002	0.12	<0.1	0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
1336334	Soil	11	35	0.58	214	0.052	<1	1.45	0.009	0.13	<0.1	0.01	5.1	<0.1	<0.05	5	<0.5	<0.2
1336336	Soil	16	33	0.59	193	0.033	<1	1.24	0.008	0.10	0.1	0.02	4.9	<0.1	<0.05	5	<0.5	0.2
1336687	Soil	12	33	0.42	511	0.049	<1	1.64	0.006	0.06	0.1	0.04	4.2	0.1	<0.05	5	0.7	<0.2
1336689	Soil	10	38	0.50	890	0.071	1	2.65	0.007	0.08	0.2	0.06	4.5	0.1	<0.05	6	<0.5	<0.2
1336702	Soil	14	34	0.46	225	0.052	<1	1.54	0.008	0.08	0.1	0.02	4.2	<0.1	<0.05	4	<0.5	<0.2
1336330	Soil	18	31	0.60	262	0.049	<1	1.61	0.011	0.06	0.3	0.02	5.1	<0.1	<0.05	5	<0.5	<0.2
1336701	Rock Pulp	15	923	0.12	156	0.144	4	3.67	0.010	0.08	<0.1	0.03	46.3	<0.1	<0.05	17	<0.5	<0.2
1336690	Soil	9	27	0.27	344	0.041	<1	1.92	0.004	0.06	0.1	0.04	3.1	0.1	<0.05	5	0.8	<0.2
1336683	Soil	33	36	0.75	215	0.162	<1	1.87	0.008	0.48	<0.1	0.02	4.1	0.4	<0.05	7	<0.5	<0.2
1336320	Soil	19	29	0.59	261	0.057	2	1.86	0.016	0.10	0.5	0.12	10.0	0.2	<0.05	6	<0.5	<0.2
1336686	Soil	15	28	0.45	660	0.055	<1	1.36	0.010	0.05	0.2	0.02	3.4	<0.1	<0.05	4	<0.5	0.3
1336691	Soil	13	38	0.48	378	0.066	2	2.21	0.009	0.08	0.2	0.08	4.7	0.1	<0.05	5	<0.5	0.2
1336682	Soil	33	35	0.72	267	0.146	<1	1.93	0.014	0.29	0.1	0.03	4.6	0.3	<0.05	6	<0.5	<0.2
1336339	Soil	38	31	0.29	228	0.013	<1	0.89	0.008	0.09	0.3	0.03	5.0	0.1	<0.05	3	<0.5	<0.2
1336688	Soil	13	33	0.48	442	0.068	<1	1.82	0.007	0.06	0.1	0.04	4.4	0.1	<0.05	5	<0.5	<0.2
1336684	Soil	30	31	0.64	365	0.104	1	1.81	0.013	0.24	0.1	0.02	4.5	0.2	<0.05	5	<0.5	<0.2
1336685	Soil	19	27	0.45	693	0.071	<1	1.34	0.011	0.12	0.1	0.03	3.4	0.2	<0.05	4	<0.5	0.3
1336490	Soil	15	29	0.54	200	0.064	<1	1.49	0.011	0.08	<0.1	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2
1336341	Soil	10	109	2.33	498	0.135	<1	2.91	0.015	0.30	<0.1	0.02	13.3	0.2	<0.05	8	<0.5	<0.2
1336323	Soil	17	33	1.26	347	0.076	<1	2.02	0.014	0.08	0.1	0.04	7.8	<0.1	<0.05	6	<0.5	<0.2
1336338	Soil	19	40	0.42	348	0.022	<1	1.53	0.017	0.08	0.2	0.03	4.5	0.1	<0.05	5	<0.5	0.3
1336489	Soil	16	28	0.58	235	0.072	2	1.37	0.012	0.09	0.1	0.04	3.8	<0.1	<0.05	4	<0.5	<0.2
1336482	Soil	7	10	0.11	52	0.029	<1	0.81	0.027	0.05	<0.1	0.05	0.9	<0.1	<0.05	4	<0.5	<0.2
1336488	Soil	17	28	0.55	173	0.071	<1	1.62	0.009	0.12	<0.1	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1336491	Soil	13	26	0.48	187	0.053	<1	1.40	0.011	0.07	<0.1	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2
1336486	Soil	15	28	0.47	192	0.039	1	1.54	0.008	0.24	<0.1	0.07	2.4	0.2	<0.05	5	0.6	<0.2
1337178	Soil	15	36	0.55	377	0.082	1	2.03	0.010	0.06	0.1	0.05	5.5	0.1	<0.05	6	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1336485	Soil	2.6	39.6	9.2	47	0.5	14.3	4.6	160	2.10	3.2	2.2	2.6	0.4	22	0.2	0.3	0.2	43	0.19	0.103
1336487	Soil	2.0	42.2	10.6	67	0.3	20.8	6.9	224	2.79	5.7	1.9	3.2	2.6	17	0.1	0.5	0.2	55	0.16	0.070
1337187	Soil	1.3	54.4	8.4	58	0.3	21.6	5.5	261	2.41	3.3	0.5	5.3	2.9	11	0.2	0.5	0.1	46	0.08	0.026
1336484	Soil	2.6	66.4	11.9	80	0.3	24.7	8.2	384	3.06	5.3	2.5	4.1	4.3	21	0.2	0.5	0.2	66	0.20	0.085
1336483	Soil	2.3	71.5	12.8	69	0.3	23.0	8.2	431	3.14	7.6	3.0	3.8	1.1	21	0.3	0.6	0.3	68	0.18	0.108
1336481	Soil	2.9	43.5	11.9	46	0.1	14.9	5.1	318	2.61	6.7	1.5	1.4	1.5	15	<0.1	0.5	0.2	69	0.11	0.083
1337185	Soil	1.9	73.0	7.5	69	0.2	30.9	6.0	164	2.56	2.0	0.7	13.0	3.9	7	<0.1	0.5	0.1	41	0.03	0.025
1337191	Soil	1.5	41.3	10.8	60	0.1	27.6	9.9	404	2.86	9.1	1.5	5.0	4.8	22	<0.1	0.7	0.2	67	0.19	0.037
1337179	Soil	1.6	34.2	10.0	68	0.2	24.9	9.6	322	2.74	8.0	0.5	5.8	3.9	11	0.2	0.7	0.2	53	0.10	0.032
1337176	Soil	0.9	34.7	8.1	55	<0.1	21.9	7.4	274	2.28	6.2	0.7	6.3	3.7	16	<0.1	0.6	0.1	49	0.16	0.025
1337173	Soil	0.9	27.7	9.6	51	0.1	19.3	6.4	233	2.16	5.9	0.9	4.8	3.1	23	<0.1	0.5	0.1	49	0.26	0.043
1337177	Soil	1.0	36.5	9.7	55	0.1	24.5	9.4	309	2.64	8.8	1.0	4.3	4.4	16	<0.1	0.8	0.1	60	0.15	0.019
1337184	Soil	1.0	48.6	10.1	63	0.4	29.6	10.0	208	2.85	7.5	0.6	9.4	3.7	11	0.2	0.6	0.2	63	0.08	0.020
1336480	Soil	2.3	59.1	10.8	66	<0.1	30.0	10.3	679	3.13	5.1	1.5	<0.5	1.9	12	0.2	0.9	0.2	57	0.08	0.064
1337165	Soil	0.5	17.5	23.6	79	<0.1	21.2	11.2	427	2.94	6.3	1.0	1.8	9.8	20	0.2	0.2	0.2	42	0.29	0.040
1337188	Soil	0.5	19.6	4.9	14	0.3	5.7	1.7	64	0.98	2.3	0.4	1.0	<0.1	11	0.2	0.2	<0.1	27	0.06	0.041
1337190	Soil	1.0	32.5	9.1	55	<0.1	21.2	7.1	388	2.31	6.2	1.1	3.6	4.0	21	0.2	0.6	0.1	52	0.22	0.045
1337189	Soil	1.9	43.2	10.1	54	0.2	20.6	6.6	285	2.59	5.5	1.4	3.3	2.6	18	<0.1	0.5	0.2	55	0.16	0.048
1337162	Soil	0.7	19.8	11.8	69	<0.1	24.3	12.0	476	3.07	4.1	1.0	3.3	6.0	17	<0.1	0.3	0.2	53	0.28	0.034
1337175	Soil	1.2	37.5	7.5	52	0.1	22.1	8.3	250	2.46	5.3	0.7	4.1	2.8	12	<0.1	0.4	0.1	57	0.16	0.027
1337174	Soil	0.9	35.8	7.6	49	0.1	21.3	7.1	231	2.19	4.8	0.6	8.6	2.9	13	<0.1	0.4	0.1	54	0.19	0.028
1337186	Soil	2.1	56.4	6.6	53	0.2	20.0	3.4	102	2.20	2.0	0.4	3.3	2.7	5	<0.1	0.4	0.1	51	0.04	0.019
1337168	Soil	0.7	22.5	11.6	66	0.1	27.2	10.6	368	3.12	3.4	1.0	1.4	6.0	25	0.1	0.2	0.2	51	0.39	0.037
1337169	Soil	0.3	28.7	11.6	93	<0.1	36.7	15.0	599	4.34	1.4	0.8	1.0	12.0	14	<0.1	<0.1	0.2	58	0.26	0.048
1337172	Soil	1.1	37.3	9.8	65	0.6	25.6	8.6	220	2.70	5.7	0.9	4.7	0.8	21	0.1	0.4	0.2	56	0.26	0.056
1337182	Soil	0.7	17.4	3.1	16	0.4	7.1	1.8	33	0.64	1.3	0.3	1.9	<0.1	9	<0.1	0.1	<0.1	26	0.07	0.024
1336479	Soil	2.4	57.6	12.4	56	0.4	26.0	8.1	431	3.54	9.2	1.7	3.3	0.7	15	0.5	0.6	0.3	80	0.16	0.067
1337181	Soil	1.6	50.6	8.3	70	0.4	26.3	9.4	288	2.71	5.5	0.7	4.1	2.9	13	0.1	0.5	0.1	63	0.17	0.034
1337161	Soil	0.7	17.0	12.1	65	<0.1	20.6	9.8	311	2.81	9.0	0.9	7.9	4.7	14	<0.1	1.2	0.2	53	0.19	0.034
1337170	Soil	0.9	24.3	9.9	68	0.1	26.3	10.9	384	2.96	4.3	0.9	2.5	5.8	20	0.2	0.3	0.2	54	0.35	0.043

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1336485	Soil	16	24	0.43	177	0.036	2	1.37	0.009	0.16	0.1	0.08	2.4	0.2	<0.05	5	1.6	<0.2
1336487	Soil	18	28	0.59	186	0.072	1	1.77	0.008	0.15	<0.1	0.04	4.0	0.2	<0.05	5	<0.5	<0.2
1337187	Soil	12	26	0.54	498	0.098	<1	1.18	0.008	0.26	<0.1	0.03	2.7	0.2	<0.05	5	0.8	<0.2
1336484	Soil	23	31	0.71	216	0.091	2	1.71	0.009	0.37	0.1	0.03	4.0	0.3	<0.05	5	<0.5	<0.2
1336483	Soil	21	35	0.52	256	0.037	1	2.10	0.012	0.16	<0.1	0.05	4.7	0.2	<0.05	6	1.0	<0.2
1336481	Soil	14	26	0.24	118	0.055	2	1.04	0.010	0.12	<0.1	0.03	2.8	0.1	<0.05	5	<0.5	<0.2
1337185	Soil	13	23	0.46	407	0.066	<1	1.06	0.004	0.24	<0.1	0.03	3.0	0.2	<0.05	4	<0.5	<0.2
1337191	Soil	18	36	0.58	260	0.072	<1	1.96	0.012	0.08	0.1	0.04	5.7	0.1	<0.05	5	<0.5	<0.2
1337179	Soil	11	30	0.48	285	0.070	<1	1.78	0.007	0.09	0.1	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1337176	Soil	15	28	0.43	416	0.071	<1	1.28	0.009	0.06	0.1	0.03	3.9	0.1	<0.05	4	<0.5	<0.2
1337173	Soil	15	30	0.47	477	0.061	<1	1.40	0.013	0.06	0.1	0.03	3.7	0.1	<0.05	4	<0.5	<0.2
1337177	Soil	15	34	0.50	380	0.073	2	1.82	0.010	0.06	0.2	0.04	4.7	<0.1	<0.05	5	<0.5	<0.2
1337184	Soil	12	37	0.55	460	0.074	1	2.02	0.007	0.11	0.1	0.06	3.8	0.1	<0.05	6	1.0	<0.2
1336480	Soil	15	22	0.32	121	0.028	<1	1.52	0.008	0.11	<0.1	0.04	3.1	0.2	<0.05	5	1.3	<0.2
1337165	Soil	30	31	0.60	187	0.139	1	1.79	0.011	0.37	0.1	0.03	3.6	0.3	<0.05	6	0.7	<0.2
1337188	Soil	5	10	0.08	218	0.013	<1	0.68	0.027	0.04	<0.1	0.03	0.5	<0.1	<0.05	3	0.7	<0.2
1337190	Soil	16	29	0.48	202	0.063	<1	1.31	0.012	0.08	0.1	0.03	4.3	<0.1	<0.05	4	<0.5	<0.2
1337189	Soil	14	30	0.57	216	0.066	1	1.78	0.012	0.18	0.1	0.04	3.8	0.2	<0.05	5	<0.5	<0.2
1337162	Soil	22	33	0.59	174	0.099	<1	1.80	0.009	0.24	0.1	0.04	3.9	0.2	<0.05	6	0.5	<0.2
1337175	Soil	14	35	0.42	452	0.064	<1	1.39	0.008	0.05	0.1	0.02	4.1	<0.1	<0.05	4	0.6	<0.2
1337174	Soil	13	31	0.43	432	0.063	<1	1.29	0.009	0.04	0.1	0.01	4.0	<0.1	<0.05	4	0.6	<0.2
1337186	Soil	9	26	0.47	355	0.073	<1	1.07	0.005	0.22	<0.1	<0.01	2.3	0.2	<0.05	4	0.8	<0.2
1337168	Soil	27	36	0.59	248	0.122	<1	1.88	0.012	0.24	0.1	0.03	4.4	0.3	<0.05	7	<0.5	<0.2
1337169	Soil	38	51	1.03	233	0.278	<1	2.52	0.008	1.16	<0.1	<0.01	5.7	0.7	<0.05	9	<0.5	<0.2
1337172	Soil	15	34	0.42	1075	0.038	<1	1.97	0.016	0.10	0.1	0.05	4.0	0.1	<0.05	5	<0.5	<0.2
1337182	Soil	5	10	0.05	320	0.011	<1	0.48	0.016	0.04	<0.1	0.03	0.4	<0.1	<0.05	2	<0.5	<0.2
1336479	Soil	20	37	0.34	196	0.020	<1	2.23	0.005	0.09	<0.1	0.08	4.3	0.1	<0.05	7	0.5	<0.2
1337181	Soil	13	39	0.51	737	0.073	<1	1.60	0.008	0.13	0.1	0.03	4.3	0.1	<0.05	5	0.7	<0.2
1337161	Soil	23	32	0.51	147	0.076	<1	1.75	0.007	0.16	0.1	0.04	3.8	0.2	<0.05	6	<0.5	<0.2
1337170	Soil	25	36	0.63	320	0.091	1	1.92	0.012	0.18	0.1	0.02	4.6	0.2	<0.05	6	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1337166	Soil	0.6	17.1	23.3	82	0.2	23.5	10.9	431	2.91	4.9	0.8	1.4	6.5	20	0.2	0.2	0.2	49	0.35	0.039
1337183	Soil	1.2	50.1	6.4	49	0.3	21.2	5.1	165	2.40	3.6	0.4	3.1	2.8	8	<0.1	0.3	0.1	55	0.08	0.022
1337171	Soil	1.0	36.3	9.9	70	0.2	28.0	9.1	297	2.76	5.0	0.8	3.7	4.4	21	0.1	0.3	0.2	53	0.32	0.041
1337167	Soil	0.5	19.2	16.7	72	0.1	23.9	12.0	416	2.96	4.5	0.9	1.1	6.7	23	<0.1	0.3	0.2	49	0.38	0.041
1337164	Soil	0.5	15.9	12.5	68	0.1	21.8	9.1	425	2.49	2.6	0.9	1.1	6.2	21	0.1	0.3	0.2	45	0.36	0.037
1336477	Soil	2.1	58.1	9.3	54	0.2	22.5	8.5	456	2.93	5.1	1.5	2.6	3.6	18	<0.1	0.4	0.2	67	0.22	0.067
1337180	Soil	2.0	56.4	9.3	75	0.4	35.3	10.1	304	3.13	7.5	0.5	6.5	3.2	11	0.2	0.6	0.1	70	0.12	0.036
1337163	Soil	0.6	18.1	11.0	66	0.1	23.9	10.0	362	2.73	3.9	0.9	3.9	6.9	18	<0.1	0.3	0.2	47	0.29	0.038
1336473	Soil	3.3	84.4	12.2	67	1.0	28.7	11.6	435	3.19	5.2	3.0	7.1	0.8	18	0.2	0.5	0.3	69	0.17	0.115
1336467	Soil	1.3	40.9	6.8	56	0.1	21.6	8.5	342	2.43	4.4	1.1	3.1	2.6	14	0.2	0.3	0.1	53	0.16	0.042
1336474	Soil	3.6	71.7	10.3	60	0.2	24.3	10.6	632	2.89	2.5	1.9	3.8	4.2	9	0.2	0.5	0.2	50	0.08	0.068
1336472	Soil	2.7	71.6	10.4	76	0.2	22.0	8.6	431	3.18	3.7	1.8	3.1	4.6	18	0.2	0.4	0.2	69	0.23	0.111
1336471	Soil	2.3	61.1	9.7	69	0.3	21.9	9.3	439	3.05	5.7	2.0	3.9	2.4	18	0.2	0.4	0.2	72	0.20	0.093
1336451	Rock Pulp	2.3	26.0	2.0	43	0.3	25.4	11.0	402	2.50	3.8	0.2	19.4	0.8	38	0.1	0.3	<0.1	72	0.96	0.051
1336465	Soil	1.2	35.3	7.5	65	0.1	24.5	8.3	309	2.51	4.9	0.7	10.0	2.2	15	0.1	0.3	0.1	57	0.19	0.041
1336478	Soil	1.5	35.7	10.2	60	<0.1	26.8	11.4	377	3.16	9.5	1.4	2.6	4.1	18	0.1	0.6	0.2	72	0.19	0.044
1336575	Soil	1.0	27.3	15.0	78	0.2	23.9	12.2	317	3.18	8.0	0.9	5.3	3.8	23	0.2	0.8	0.2	67	0.49	0.044
1336468	Soil	1.7	35.9	8.2	63	0.3	21.1	7.5	210	2.62	4.9	1.0	6.9	1.5	13	0.1	0.3	0.2	58	0.15	0.065
1336466	Soil	1.5	34.2	7.2	53	0.1	19.7	7.2	264	2.43	4.8	1.1	3.0	2.1	15	<0.1	0.4	0.1	57	0.15	0.040
1336476	Soil	1.5	37.4	6.3	45	0.1	12.0	5.4	257	2.16	4.2	0.8	2.4	0.6	14	0.1	0.3	0.1	63	0.11	0.045
1336602	Soil	0.7	27.1	14.2	61	0.3	18.0	12.6	678	2.17	7.1	1.1	3.6	1.8	37	0.6	0.8	0.1	50	0.88	0.054
1336470	Soil	1.8	42.4	7.3	61	0.2	20.7	9.0	397	2.69	5.5	1.3	3.6	2.5	16	0.1	0.5	0.2	65	0.20	0.071
1336475	Soil	4.0	74.0	11.1	57	0.2	21.5	9.6	612	3.00	1.9	2.2	6.3	4.4	10	0.1	0.4	0.2	51	0.07	0.068
1336469	Soil	1.9	26.6	7.9	53	0.2	16.3	6.8	204	2.40	5.2	1.0	3.3	0.9	13	<0.1	0.3	0.2	58	0.16	0.065
1336623	Soil	1.6	27.4	8.3	93	<0.1	27.2	11.9	498	3.70	14.1	1.6	1.0	10.6	12	<0.1	0.4	0.3	17	0.06	0.028
1336608	Soil	1.2	24.5	26.2	70	0.3	30.8	11.0	379	2.96	11.4	0.7	3.0	3.6	19	0.2	0.8	0.2	65	0.45	0.026
1336609	Soil	0.8	23.6	9.9	61	0.2	35.1	10.4	409	2.62	8.0	0.7	1.5	3.8	19	0.2	0.7	0.1	53	0.44	0.041
1336604	Soil	0.6	31.4	21.0	88	0.2	26.2	11.9	423	2.52	7.4	0.9	1.3	2.2	50	0.5	0.7	0.1	50	1.17	0.046
1336625	Soil	1.3	30.2	10.5	72	0.2	33.0	13.8	329	3.50	4.9	0.8	<0.5	7.7	9	<0.1	0.3	0.2	43	0.08	0.029
1336610	Soil	1.5	38.1	12.0	65	0.2	41.4	12.3	537	2.51	7.8	0.8	1.5	3.9	20	0.2	1.0	0.1	42	0.42	0.052

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1337166	Soil	26	34	0.57	212	0.125	<1	1.88	0.012	0.24	0.1	0.03	4.1	0.3	<0.05	6	<0.5	<0.2
1337183	Soil	10	26	0.35	347	0.068	<1	1.14	0.009	0.15	<0.1	0.02	2.7	0.1	<0.05	4	0.9	<0.2
1337171	Soil	22	35	0.53	645	0.076	<1	1.77	0.011	0.11	0.1	0.02	4.4	0.1	<0.05	5	<0.5	<0.2
1337167	Soil	29	34	0.58	254	0.127	<1	2.08	0.012	0.25	0.1	0.03	4.3	0.3	<0.05	6	<0.5	<0.2
1337164	Soil	27	32	0.54	203	0.109	<1	1.67	0.010	0.23	0.1	0.04	4.3	0.3	<0.05	5	<0.5	<0.2
1336477	Soil	19	34	0.46	185	0.054	<1	1.53	0.007	0.14	<0.1	0.02	4.5	0.1	<0.05	5	<0.5	<0.2
1337180	Soil	11	39	0.45	529	0.066	1	1.82	0.006	0.14	0.1	0.03	3.9	0.1	<0.05	5	0.7	<0.2
1337163	Soil	25	32	0.58	173	0.114	<1	1.73	0.009	0.29	<0.1	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1336473	Soil	22	36	0.43	281	0.025	<1	2.03	0.008	0.17	<0.1	0.10	5.3	0.3	<0.05	6	0.6	<0.2
1336467	Soil	15	28	0.45	198	0.065	<1	1.29	0.006	0.11	<0.1	0.03	3.7	0.1	<0.05	4	<0.5	<0.2
1336474	Soil	16	24	0.36	129	0.060	<1	1.07	0.004	0.29	<0.1	0.02	3.6	0.2	<0.05	3	0.8	<0.2
1336472	Soil	22	30	0.51	197	0.078	<1	1.37	0.007	0.32	0.1	0.01	3.6	0.2	0.12	4	0.5	<0.2
1336471	Soil	19	34	0.57	198	0.062	<1	1.71	0.008	0.23	0.1	0.03	3.7	0.2	0.07	5	0.7	<0.2
1336451	Rock Pulp	4	35	0.76	95	0.125	2	1.63	0.089	0.13	12.0	0.02	5.2	<0.1	<0.05	5	<0.5	<0.2
1336465	Soil	15	32	0.59	231	0.063	<1	1.66	0.008	0.11	0.1	0.02	3.7	0.1	<0.05	5	<0.5	<0.2
1336478	Soil	17	38	0.60	233	0.057	<1	2.29	0.010	0.09	0.1	0.05	5.6	0.1	<0.05	5	0.5	<0.2
1336575	Soil	17	39	0.62	290	0.067	<1	2.00	0.013	0.07	0.2	0.04	6.8	0.1	<0.05	6	<0.5	<0.2
1336468	Soil	14	31	0.45	181	0.050	1	1.65	0.007	0.13	0.1	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
1336466	Soil	15	30	0.46	182	0.056	<1	1.57	0.007	0.08	0.1	0.03	3.7	0.1	<0.05	4	<0.5	<0.2
1336476	Soil	10	22	0.22	103	0.036	<1	1.07	0.011	0.11	<0.1	0.01	1.7	0.1	<0.05	5	<0.5	<0.2
1336602	Soil	14	30	0.45	284	0.032	<1	1.48	0.014	0.06	0.3	0.07	5.6	<0.1	0.10	4	<0.5	<0.2
1336470	Soil	17	31	0.51	188	0.058	1	1.66	0.008	0.13	0.2	0.03	3.7	0.1	<0.05	5	<0.5	<0.2
1336475	Soil	17	23	0.28	151	0.055	<1	1.00	0.003	0.28	<0.1	0.01	4.1	0.2	<0.05	3	0.8	<0.2
1336469	Soil	13	28	0.45	124	0.042	<1	1.58	0.009	0.10	0.1	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
1336623	Soil	37	10	0.07	100	0.001	<1	0.59	0.002	0.07	<0.1	0.02	7.4	0.1	<0.05	1	0.5	<0.2
1336608	Soil	15	45	0.60	254	0.046	<1	1.80	0.011	0.07	0.1	0.02	6.3	<0.1	<0.05	6	<0.5	<0.2
1336609	Soil	15	41	0.60	281	0.041	2	1.63	0.010	0.07	0.1	0.03	5.2	<0.1	<0.05	5	<0.5	<0.2
1336604	Soil	11	36	0.50	220	0.034	2	1.32	0.015	0.05	0.1	0.05	5.0	<0.1	0.08	4	<0.5	<0.2
1336625	Soil	26	21	0.17	121	0.012	<1	1.34	0.005	0.06	<0.1	<0.01	4.5	0.1	<0.05	4	0.5	<0.2
1336610	Soil	18	36	0.38	289	0.026	<1	1.29	0.009	0.07	0.2	0.04	4.6	<0.1	<0.05	3	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336607	Soil	0.9	22.0	17.2	69	0.3	26.7	11.2	341	2.92	9.3	0.7	3.4	3.5	20	0.2	0.6	0.1	64	0.54	0.032
1336603	Soil	0.7	27.7	14.9	68	0.2	19.7	9.8	305	2.07	6.7	1.2	2.3	3.1	38	0.3	0.9	0.2	54	0.91	0.042
1336464	Soil	1.8	33.8	7.5	60	0.1	23.8	8.4	319	2.48	4.5	1.1	2.4	3.6	14	<0.1	0.3	0.2	55	0.16	0.042
1336622	Soil	2.7	46.1	14.1	93	0.1	36.6	18.7	960	3.81	7.8	1.1	1.8	9.2	14	0.2	0.5	0.3	35	0.29	0.063
1336605	Soil	0.7	25.4	33.2	90	0.3	26.9	10.8	364	2.50	6.5	0.8	1.8	3.7	25	0.5	0.6	0.1	58	0.59	0.043
1336573	Soil	0.9	19.1	11.7	66	0.2	19.5	10.9	333	2.68	6.2	0.6	1.7	2.9	21	0.2	0.6	0.1	62	0.45	0.051
1336463	Soil	1.6	22.5	7.5	46	0.2	14.8	5.1	143	2.19	5.1	0.9	5.0	1.1	11	0.2	0.3	0.1	50	0.13	0.056
1336624	Soil	2.0	41.6	10.6	101	<0.1	30.3	11.3	364	4.20	8.5	1.3	<0.5	6.3	14	0.1	0.9	0.1	39	0.08	0.024
1336606	Soil	0.9	28.7	26.1	84	0.4	33.1	11.6	430	2.86	9.1	1.0	2.9	4.6	19	0.4	0.8	0.2	64	0.53	0.041
1336574	Soil	1.1	22.7	16.8	74	0.2	21.2	12.8	332	3.01	7.0	0.9	3.1	3.7	22	0.3	0.7	0.2	64	0.43	0.041
1336612	Soil	2.1	48.7	17.1	75	0.2	71.7	12.8	672	2.93	12.0	0.9	2.7	3.9	26	0.2	1.2	0.2	47	0.46	0.057
1336457	Soil	1.9	42.1	10.3	56	0.1	22.0	10.0	477	2.85	5.7	1.1	3.0	1.8	17	0.2	0.4	0.2	62	0.20	0.052
1336458	Soil	1.5	37.1	7.6	52	0.2	20.3	6.8	280	2.23	4.7	1.0	2.9	0.7	15	0.2	0.4	0.2	51	0.15	0.046
1336460	Soil	1.7	38.5	8.7	57	0.1	19.9	8.3	355	2.59	4.9	1.1	3.0	2.1	14	0.1	0.4	0.2	58	0.15	0.054
1336621	Soil	0.9	28.4	8.4	61	<0.1	33.5	12.2	309	2.82	1.8	1.3	1.1	6.2	17	0.1	0.2	0.1	51	0.36	0.035
1336459	Soil	1.6	38.3	8.6	58	0.1	20.7	9.7	473	2.82	5.9	1.0	1.8	2.1	14	0.1	0.4	0.1	64	0.14	0.048
1336452	Soil	2.4	43.3	10.0	56	0.2	26.0	12.4	1028	2.93	7.7	1.4	2.2	2.7	15	0.3	0.5	0.2	69	0.16	0.051
1336461	Soil	1.6	37.6	8.6	58	0.1	20.2	8.6	299	2.62	5.6	1.3	16.2	1.3	15	0.1	0.4	0.2	64	0.17	0.063
1336615	Soil	0.6	19.1	5.3	58	0.1	26.1	17.1	418	3.72	2.6	0.7	1.2	2.9	22	0.1	0.3	<0.1	140	0.67	0.044
1336453	Soil	1.0	7.8	6.1	22	0.1	5.2	4.5	576	1.37	2.9	0.2	<0.5	0.8	9	0.2	0.2	0.1	45	0.08	0.019
1336455	Soil	2.1	51.7	9.6	60	0.3	26.7	9.3	510	2.79	6.0	1.5	3.0	2.7	19	0.3	0.5	0.2	63	0.23	0.053
1336456	Soil	1.6	43.5	10.1	64	0.1	25.1	10.5	519	2.97	6.4	1.4	4.1	2.4	19	0.2	0.4	0.2	71	0.21	0.048
1336613	Soil	1.2	36.6	9.3	99	<0.1	26.9	13.7	609	4.04	3.2	0.7	1.3	4.2	15	<0.1	0.3	0.1	76	0.44	0.042
1336611	Soil	1.5	51.4	24.4	92	0.3	73.3	16.6	1021	3.22	13.4	1.2	3.6	5.3	22	0.2	1.4	0.2	61	0.51	0.043
1336454	Soil	2.1	42.8	10.2	57	0.1	25.8	10.6	540	2.76	6.0	1.1	3.2	3.4	15	0.2	0.5	0.2	60	0.19	0.041
1336462	Soil	1.9	29.9	8.5	57	0.2	19.7	6.6	144	2.62	6.2	1.1	6.7	1.2	15	0.1	0.3	0.2	69	0.18	0.061
1336614	Soil	1.1	33.6	3.6	89	<0.1	21.9	13.6	353	3.58	0.8	0.6	<0.5	4.1	7	<0.1	0.1	<0.1	102	0.28	0.058
1336618	Soil	1.2	15.7	5.6	96	<0.1	32.2	19.7	686	5.07	1.2	1.1	2.1	4.7	17	<0.1	0.1	<0.1	130	0.65	0.100
1336616	Soil	1.4	52.5	10.8	76	0.3	47.1	13.6	604	2.97	6.1	1.4	3.8	4.5	22	0.2	0.7	0.2	75	0.49	0.066
1336620	Soil	1.1	52.9	15.3	95	0.1	35.0	12.0	429	3.13	5.0	1.0	3.3	6.1	15	0.1	0.4	0.2	72	0.36	0.041

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336607	Soil	15	43	0.58	249	0.051	<1	1.78	0.010	0.06	0.2	0.03	5.5	<0.1	<0.05	5	<0.5	<0.2
1336603	Soil	14	33	0.48	190	0.040	1	1.45	0.014	0.07	0.3	0.04	5.9	<0.1	0.06	4	<0.5	<0.2
1336464	Soil	17	30	0.59	183	0.050	1	1.56	0.006	0.10	0.1	0.04	3.6	0.1	<0.05	5	<0.5	<0.2
1336622	Soil	33	18	0.28	214	0.019	<1	0.92	0.007	0.10	<0.1	0.02	7.8	<0.1	<0.05	3	<0.5	<0.2
1336605	Soil	20	49	0.58	301	0.033	<1	1.74	0.011	0.09	0.1	0.04	6.5	<0.1	<0.05	6	<0.5	<0.2
1336573	Soil	12	37	0.60	227	0.066	1	1.65	0.015	0.05	0.2	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
1336463	Soil	11	24	0.36	135	0.040	<1	1.30	0.007	0.09	0.1	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1336624	Soil	26	21	0.19	144	0.006	<1	1.19	0.004	0.06	<0.1	0.01	7.9	<0.1	<0.05	3	<0.5	<0.2
1336606	Soil	21	56	0.55	256	0.032	<1	1.78	0.011	0.08	0.1	0.05	7.5	<0.1	<0.05	5	<0.5	<0.2
1336574	Soil	17	37	0.64	268	0.062	<1	1.84	0.013	0.06	0.2	0.05	5.5	0.1	<0.05	6	<0.5	<0.2
1336612	Soil	20	61	0.44	283	0.024	<1	1.48	0.011	0.10	0.2	0.05	6.0	0.1	<0.05	4	0.6	<0.2
1336457	Soil	15	32	0.43	190	0.039	<1	1.61	0.007	0.10	<0.1	0.03	3.7	0.1	<0.05	5	0.6	<0.2
1336458	Soil	12	27	0.35	225	0.031	<1	1.47	0.012	0.07	0.1	0.03	3.1	0.1	<0.05	5	0.5	<0.2
1336460	Soil	15	28	0.41	153	0.049	<1	1.37	0.008	0.11	0.1	0.01	2.9	0.1	<0.05	4	<0.5	<0.2
1336621	Soil	23	55	0.68	264	0.107	<1	1.75	0.008	0.29	<0.1	0.03	4.2	0.2	<0.05	5	<0.5	<0.2
1336459	Soil	14	30	0.42	158	0.052	<1	1.52	0.007	0.08	0.1	0.02	3.1	0.1	<0.05	5	<0.5	<0.2
1336452	Soil	15	37	0.46	187	0.047	<1	2.03	0.007	0.08	<0.1	0.03	4.0	0.1	<0.05	6	0.5	<0.2
1336461	Soil	15	33	0.49	182	0.048	<1	1.67	0.009	0.09	0.2	0.03	3.4	0.1	<0.05	5	0.6	<0.2
1336615	Soil	13	54	2.07	372	0.107	<1	2.63	0.014	0.27	<0.1	0.02	13.1	0.1	<0.05	8	<0.5	<0.2
1336453	Soil	5	12	0.09	108	0.043	<1	0.81	0.017	0.03	<0.1	0.03	1.2	<0.1	<0.05	5	<0.5	<0.2
1336455	Soil	16	34	0.49	220	0.049	<1	1.67	0.009	0.11	0.1	0.03	4.4	0.1	<0.05	5	<0.5	<0.2
1336456	Soil	16	37	0.53	227	0.051	<1	1.89	0.008	0.10	<0.1	0.03	4.4	0.1	<0.05	6	<0.5	<0.2
1336613	Soil	15	48	1.35	287	0.104	<1	2.25	0.010	0.26	<0.1	0.01	11.6	0.2	<0.05	7	<0.5	<0.2
1336611	Soil	21	66	0.43	299	0.054	<1	1.64	0.014	0.09	0.3	0.04	7.5	<0.1	<0.05	5	<0.5	<0.2
1336454	Soil	16	33	0.45	181	0.055	<1	1.67	0.008	0.10	0.1	0.03	3.8	0.1	<0.05	5	0.6	<0.2
1336462	Soil	15	31	0.50	152	0.047	<1	1.72	0.008	0.09	0.2	0.04	2.9	0.2	<0.05	5	0.8	<0.2
1336614	Soil	14	56	1.76	356	0.100	<1	1.92	0.010	0.53	<0.1	<0.01	12.8	0.2	<0.05	8	<0.5	<0.2
1336618	Soil	19	120	2.58	583	0.189	<1	3.02	0.021	0.75	<0.1	0.02	21.6	0.2	<0.05	11	<0.5	<0.2
1336616	Soil	22	48	0.86	392	0.069	<1	1.87	0.014	0.16	0.2	0.03	8.8	0.1	<0.05	5	0.5	<0.2
1336620	Soil	22	54	1.03	279	0.083	<1	1.97	0.011	0.15	0.1	0.03	7.9	0.1	<0.05	6	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336671	Soil	0.7	19.9	14.7	72	0.2	24.3	11.5	462	2.92	12.8	1.4	6.6	6.9	18	<0.1	2.0	0.3	46	0.19	0.046
1336601	Rock Pulp	1.5	545.4	21.0	69	0.3	262.5	95.1	959	17.98	3.5	1.3	45.0	7.6	17	0.2	0.5	0.2	224	0.42	0.040
1336617	Soil	0.9	42.1	9.1	104	<0.1	26.5	15.9	361	3.58	2.6	1.3	2.8	7.3	18	<0.1	0.3	0.3	75	0.33	0.048
1336619	Soil	1.4	118.7	8.8	147	<0.1	24.4	12.5	332	3.31	2.2	1.3	2.6	6.3	14	0.4	0.3	0.5	50	0.24	0.048
1336675	Soil	0.7	22.3	14.8	72	0.1	23.1	10.3	420	2.91	5.9	1.4	2.0	7.4	27	<0.1	0.5	0.3	46	0.32	0.042
1336678	Soil	0.5	17.2	14.1	73	0.1	20.8	10.7	550	2.82	5.0	1.1	1.3	8.2	25	<0.1	0.3	0.2	46	0.36	0.039
1336672	Soil	0.4	19.9	15.7	78	0.2	24.9	11.0	399	3.06	16.4	1.2	2.7	7.3	17	<0.1	3.3	0.3	44	0.18	0.045
1336679	Soil	0.7	19.0	21.6	81	0.2	23.7	10.3	468	2.92	6.6	1.1	2.4	9.1	25	0.2	0.5	0.2	43	0.34	0.042
1336676	Soil	0.6	15.5	12.9	66	0.2	20.5	9.4	350	2.70	5.8	1.0	2.7	6.0	22	0.2	0.4	0.2	45	0.25	0.043
1336677	Soil	0.5	18.7	14.5	74	0.1	26.0	11.7	556	2.98	4.4	1.2	2.9	8.9	27	<0.1	0.4	0.2	44	0.33	0.044
1336673	Soil	0.8	17.3	14.2	69	0.2	23.0	9.2	369	2.93	12.5	1.2	2.4	5.4	23	<0.1	0.9	0.2	49	0.24	0.049
1336681	Soil	0.5	18.3	15.5	73	0.1	23.6	10.9	479	2.88	4.5	1.2	3.2	8.0	27	<0.1	0.3	0.2	48	0.34	0.041
1336871	Soil	0.6	21.6	11.6	62	0.3	19.3	6.8	237	2.36	4.4	0.9	3.7	3.6	20	0.2	0.4	0.2	43	0.24	0.039
1336875	Soil	0.3	21.2	8.9	64	<0.1	22.1	8.8	347	2.71	3.1	0.8	4.9	8.8	17	<0.1	0.3	0.1	45	0.20	0.032
1336872	Soil	0.9	26.7	10.3	66	0.4	19.4	8.5	279	2.48	5.9	1.0	7.9	3.3	21	<0.1	0.5	0.2	48	0.23	0.041
1336874	Soil	0.4	21.8	9.0	64	<0.1	23.4	9.9	359	2.85	3.4	0.8	0.6	9.2	17	<0.1	0.3	0.2	48	0.19	0.028
1336877	Soil	0.7	28.3	8.7	61	<0.1	22.8	7.9	309	2.47	6.9	0.8	5.5	5.1	26	0.1	0.6	0.1	48	0.32	0.060
1336865	Soil	0.6	17.2	15.8	76	0.1	22.9	11.6	483	2.97	5.0	1.4	3.6	8.6	22	0.2	0.2	0.2	46	0.29	0.045
1336868	Soil	0.5	15.4	26.1	75	0.1	19.9	8.3	259	2.65	4.4	1.0	<0.5	7.0	25	0.2	0.3	0.2	46	0.35	0.039
1336680	Soil	0.5	19.1	30.6	92	0.2	23.2	10.1	420	2.78	7.0	1.1	3.3	7.9	26	0.2	0.5	0.2	46	0.37	0.044
1336867	Soil	0.5	14.0	21.8	69	<0.1	19.2	11.0	400	3.02	8.3	1.0	<0.5	8.9	17	0.2	0.3	0.2	48	0.21	0.042
1336889	Soil	0.9	63.4	7.4	70	0.4	34.5	9.6	442	2.39	2.6	0.5	3.7	2.8	12	<0.1	0.4	0.1	61	0.09	0.026
1336870	Soil	0.5	16.8	14.4	67	<0.1	20.9	10.4	376	2.93	4.1	1.0	6.8	6.8	22	0.1	0.4	0.2	50	0.25	0.040
1336866	Soil	0.6	14.5	20.7	76	0.1	20.5	9.1	282	2.67	5.0	1.0	2.4	8.0	22	0.2	0.2	0.2	44	0.28	0.044
1336670	Soil	0.6	17.8	14.0	66	<0.1	21.3	11.0	424	2.93	10.3	1.2	4.0	7.1	18	<0.1	2.3	0.2	45	0.18	0.043
1336869	Soil	0.4	15.8	14.0	71	<0.1	20.4	9.5	332	2.97	4.9	1.0	2.1	7.6	22	0.1	0.2	0.2	49	0.28	0.040
1336878	Soil	1.0	31.5	8.5	52	0.1	21.1	8.0	291	2.26	6.1	0.7	2.6	3.3	14	0.2	0.6	0.1	51	0.12	0.030
1336881	Soil	1.0	33.7	9.5	54	<0.1	23.6	9.2	337	2.64	8.8	1.1	8.7	4.3	21	<0.1	0.6	0.2	62	0.18	0.023
1336576	Soil	0.6	33.1	9.4	55	<0.1	53.7	12.2	438	2.62	6.8	1.0	4.8	7.5	18	<0.1	0.4	0.2	52	0.19	0.024
1336883	Soil	1.7	38.5	10.4	79	0.4	28.0	10.3	261	2.81	7.7	0.8	5.2	4.1	13	<0.1	0.8	0.2	65	0.12	0.025

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336671	Soil	30	33	0.57	198	0.090	2	2.00	0.012	0.24	0.1	0.05	4.1	0.2	<0.05	6	1.4	<0.2
1336601	Rock Pulp	18	767	0.17	170	0.181	2	4.42	0.015	0.08	<0.1	0.04	51.6	<0.1	<0.05	20	<0.5	<0.2
1336617	Soil	24	34	1.42	373	0.145	<1	2.49	0.020	0.64	0.1	<0.01	8.9	0.2	<0.05	8	0.8	<0.2
1336619	Soil	22	25	1.13	339	0.107	<1	1.86	0.016	0.56	<0.1	0.02	7.0	0.2	<0.05	6	0.5	<0.2
1336675	Soil	30	30	0.57	204	0.104	<1	1.84	0.012	0.26	0.1	0.03	4.1	0.2	<0.05	6	1.1	<0.2
1336678	Soil	28	32	0.58	215	0.127	<1	1.81	0.016	0.22	0.1	0.04	4.3	0.3	<0.05	6	1.2	<0.2
1336672	Soil	29	30	0.61	152	0.113	<1	1.88	0.011	0.41	<0.1	0.04	3.7	0.3	<0.05	6	<0.5	<0.2
1336679	Soil	32	31	0.58	225	0.132	<1	1.80	0.015	0.31	0.1	0.04	4.1	0.3	<0.05	6	<0.5	0.2
1336676	Soil	27	29	0.58	205	0.099	<1	1.85	0.012	0.16	0.1	0.04	4.0	0.2	<0.05	6	<0.5	0.2
1336677	Soil	31	33	0.63	214	0.125	<1	1.91	0.014	0.25	0.2	0.04	4.6	0.2	<0.05	6	<0.5	<0.2
1336673	Soil	29	30	0.58	202	0.079	1	1.87	0.012	0.15	0.1	0.07	4.5	0.2	<0.05	6	<0.5	<0.2
1336681	Soil	30	34	0.64	262	0.126	<1	1.89	0.016	0.23	0.1	0.03	4.5	0.3	<0.05	6	<0.5	<0.2
1336871	Soil	20	25	0.46	361	0.065	<1	1.55	0.012	0.09	0.1	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
1336875	Soil	24	33	0.63	392	0.159	<1	1.58	0.010	0.47	0.1	<0.01	4.6	0.3	<0.05	6	<0.5	<0.2
1336872	Soil	19	28	0.48	530	0.061	<1	1.62	0.012	0.09	0.1	0.02	3.6	0.1	<0.05	5	<0.5	<0.2
1336874	Soil	24	35	0.69	376	0.177	<1	1.70	0.010	0.48	0.1	<0.01	4.6	0.3	<0.05	6	<0.5	<0.2
1336877	Soil	19	29	0.49	421	0.081	<1	1.26	0.017	0.13	0.2	0.02	4.2	0.1	<0.05	4	1.4	<0.2
1336865	Soil	29	33	0.61	183	0.124	<1	1.92	0.013	0.29	0.1	0.03	4.3	0.3	<0.05	6	<0.5	<0.2
1336868	Soil	27	31	0.61	216	0.120	<1	1.94	0.014	0.23	0.1	0.03	4.0	0.3	<0.05	6	<0.5	0.3
1336680	Soil	30	31	0.60	239	0.125	<1	1.78	0.016	0.23	0.1	0.03	4.5	0.2	<0.05	6	<0.5	<0.2
1336867	Soil	32	28	0.54	174	0.132	<1	1.80	0.012	0.26	0.1	0.04	3.9	0.2	<0.05	6	0.7	<0.2
1336889	Soil	12	34	0.57	811	0.097	1	1.23	0.007	0.22	<0.1	0.02	3.8	0.1	0.06	5	<0.5	<0.2
1336870	Soil	27	33	0.58	216	0.104	<1	1.88	0.013	0.20	0.1	0.05	4.1	0.2	<0.05	6	<0.5	<0.2
1336866	Soil	29	30	0.57	179	0.123	<1	1.81	0.012	0.29	0.1	0.04	4.0	0.2	<0.05	6	<0.5	<0.2
1336670	Soil	27	29	0.55	163	0.095	<1	1.75	0.011	0.25	0.1	0.04	4.0	0.2	<0.05	5	<0.5	<0.2
1336869	Soil	30	32	0.63	196	0.134	<1	1.96	0.013	0.28	<0.1	0.03	4.2	0.3	<0.05	6	<0.5	<0.2
1336878	Soil	13	27	0.42	286	0.063	<1	1.37	0.009	0.06	0.1	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1336881	Soil	16	38	0.56	414	0.073	<1	1.76	0.011	0.07	0.1	0.03	6.0	0.1	<0.05	5	0.5	<0.2
1336576	Soil	22	69	0.77	253	0.108	<1	1.67	0.012	0.24	0.1	0.02	5.6	0.2	<0.05	5	<0.5	<0.2
1336883	Soil	14	35	0.53	361	0.078	<1	2.06	0.008	0.07	<0.1	0.02	4.0	0.1	<0.05	6	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336880	Soil	1.0	22.6	9.0	48	0.2	17.6	7.3	232	2.33	7.3	0.4	3.9	3.1	11	<0.1	0.6	0.2	64	0.10	0.021
1336891	Soil	0.9	15.8	4.2	24	0.3	8.2	3.1	119	1.07	2.3	0.3	1.5	0.2	10	<0.1	0.2	<0.1	26	0.07	0.032
1336585	Soil	1.3	27.9	9.2	60	<0.1	31.8	11.6	307	2.77	6.5	0.9	1.1	6.6	17	0.1	0.4	0.1	51	0.16	0.016
1336583	Soil	1.2	36.2	12.9	71	0.2	34.5	8.4	425	2.87	0.6	1.5	2.7	9.4	60	0.1	<0.1	0.3	18	0.12	0.045
1336886	Soil	0.9	42.9	7.7	64	0.2	21.1	6.3	203	2.28	3.9	0.7	2.6	3.5	13	<0.1	0.4	0.1	50	0.13	0.026
1336895	Soil	2.0	68.1	11.8	57	0.1	22.3	9.1	573	3.00	5.7	2.2	4.2	4.3	21	<0.1	0.6	0.2	69	0.16	0.073
1336581	Soil	1.1	43.5	16.2	97	0.2	31.4	13.4	624	3.99	4.1	1.0	0.6	8.6	10	0.2	0.3	0.3	59	0.06	0.031
1336584	Soil	1.3	26.6	10.2	85	<0.1	27.7	11.7	436	3.89	3.6	0.9	1.9	7.2	14	<0.1	0.3	0.2	39	0.11	0.026
1336884	Soil	1.7	54.6	8.8	70	0.4	33.8	9.7	274	2.56	5.1	0.7	4.7	3.4	11	0.3	0.8	0.2	49	0.09	0.035
1336894	Soil	1.3	47.8	9.1	63	0.1	27.7	12.0	739	2.76	7.9	1.0	3.0	3.7	14	0.2	0.6	0.2	61	0.14	0.055
1336586	Soil	1.5	22.5	9.1	82	<0.1	25.2	14.6	599	4.15	1.2	0.9	<0.5	6.0	16	0.1	0.2	0.2	50	0.34	0.070
1336587	Soil	1.5	28.7	7.5	83	<0.1	27.7	10.5	365	3.39	2.6	1.0	1.7	6.7	18	<0.1	0.2	0.2	41	0.35	0.064
1336577	Soil	1.2	41.9	11.2	67	<0.1	32.6	10.8	541	2.86	6.3	1.0	3.2	6.1	23	<0.1	0.6	0.2	56	0.21	0.019
1336893	Soil	2.4	49.5	10.1	47	0.2	18.7	6.1	282	2.33	4.2	1.8	3.1	2.0	16	<0.1	0.5	0.2	54	0.14	0.066
1336578	Soil	1.2	41.9	9.4	71	<0.1	31.5	10.5	431	2.54	3.5	0.8	1.5	5.8	18	<0.1	0.4	0.2	56	0.17	0.013
1336579	Soil	1.0	39.1	10.4	72	<0.1	35.4	11.3	529	2.97	3.5	1.4	<0.5	7.1	17	0.1	0.3	0.2	54	0.19	0.018
1336594	Soil	1.3	46.0	37.0	88	0.3	40.2	11.8	322	2.86	8.8	1.0	2.1	5.7	23	0.2	0.5	0.3	50	0.38	0.032
1336887	Soil	2.2	67.1	12.9	79	0.5	28.8	8.4	320	3.91	7.2	0.9	3.5	3.0	13	0.1	0.6	0.3	86	0.09	0.042
1336596	Soil	0.9	42.0	40.6	113	0.4	48.2	11.6	532	2.67	11.7	0.7	4.0	3.7	21	0.3	1.2	0.5	59	0.33	0.020
1336580	Soil	1.1	25.1	8.8	59	0.2	32.7	10.0	389	2.52	3.1	0.4	2.3	2.8	12	<0.1	0.3	0.1	68	0.09	0.018
1336589	Soil	0.9	37.6	9.8	68	<0.1	41.0	12.4	373	2.81	2.8	1.5	2.0	7.2	21	<0.1	0.2	0.2	53	0.30	0.034
1336591	Soil	1.3	31.6	9.4	70	0.1	33.5	10.3	336	2.65	2.7	1.5	<0.5	8.3	18	0.1	0.3	0.2	44	0.29	0.031
1336597	Soil	1.2	58.9	11.5	79	<0.1	49.3	11.6	588	2.35	8.1	0.6	5.6	3.6	10	0.3	0.9	0.2	54	0.12	0.021
1336582	Soil	0.8	22.9	10.0	47	<0.1	122.4	15.2	331	2.88	4.5	0.6	<0.5	4.3	15	<0.1	0.3	0.1	65	0.18	0.013
1336588	Soil	0.8	30.8	10.7	61	<0.1	28.6	10.5	416	2.96	3.9	1.5	<0.5	7.4	22	<0.1	0.3	0.2	52	0.25	0.028
1336590	Soil	0.9	32.4	10.5	67	0.1	38.7	12.8	333	2.64	2.4	2.1	1.1	7.9	22	0.1	0.3	0.2	52	0.42	0.037
1336593	Soil	1.0	41.7	11.2	62	0.1	40.3	12.0	465	2.57	5.5	1.2	2.7	5.4	21	0.2	0.4	0.2	53	0.35	0.034
1336885	Soil	0.8	31.2	8.6	61	<0.1	23.8	8.6	253	2.42	5.9	0.7	1.1	4.0	20	<0.1	0.6	0.1	51	0.24	0.036
1336674	Soil	0.8	31.0	14.3	75	<0.1	24.3	10.5	381	3.03	3.6	1.5	0.5	9.0	28	<0.1	0.6	0.3	43	0.24	0.034
1336595	Soil	0.8	51.6	81.7	113	0.8	43.2	9.2	403	2.45	18.5	0.9	7.6	4.7	22	0.4	1.9	1.2	54	0.31	0.029

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336880	Soil	11	29	0.41	183	0.071	<1	1.60	0.008	0.05	0.1	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
1336891	Soil	5	11	0.12	135	0.026	<1	0.61	0.021	0.05	<0.1	0.05	1.0	<0.1	<0.05	3	<0.5	0.2
1336585	Soil	18	35	0.49	179	0.031	<1	1.66	0.008	0.08	<0.1	0.02	5.0	0.1	<0.05	4	0.7	<0.2
1336583	Soil	28	12	0.10	450	<0.001	<1	0.54	0.004	0.10	<0.1	0.04	6.7	<0.1	<0.05	1	<0.5	<0.2
1336886	Soil	13	30	0.68	432	0.106	<1	1.45	0.008	0.21	<0.1	0.03	3.5	0.1	<0.05	5	<0.5	0.2
1336895	Soil	20	31	0.62	227	0.082	<1	1.85	0.008	0.24	<0.1	0.03	5.3	0.2	<0.05	5	0.8	<0.2
1336581	Soil	21	37	0.85	286	0.120	2	2.43	0.009	0.58	<0.1	0.02	4.0	0.3	<0.05	7	<0.5	<0.2
1336584	Soil	21	23	0.49	248	0.014	1	1.73	0.009	0.12	<0.1	0.02	8.0	0.1	<0.05	5	<0.5	<0.2
1336884	Soil	12	28	0.44	329	0.060	2	1.46	0.006	0.12	<0.1	0.04	3.6	0.1	<0.05	5	<0.5	<0.2
1336894	Soil	15	29	0.46	147	0.059	2	1.79	0.010	0.09	0.2	0.04	4.5	0.1	<0.05	5	<0.5	<0.2
1336586	Soil	17	31	0.58	255	0.014	2	1.20	0.007	0.10	<0.1	0.01	10.7	<0.1	<0.05	4	<0.5	<0.2
1336587	Soil	22	28	0.51	268	0.030	1	1.04	0.011	0.12	<0.1	0.03	9.1	<0.1	<0.05	3	0.6	<0.2
1336577	Soil	21	38	0.73	371	0.095	2	1.69	0.013	0.12	0.1	0.03	6.5	0.1	<0.05	5	<0.5	<0.2
1336893	Soil	15	23	0.40	159	0.040	<1	1.25	0.007	0.10	0.1	0.03	2.9	0.1	<0.05	4	0.7	<0.2
1336578	Soil	21	40	0.75	381	0.102	1	1.67	0.010	0.16	<0.1	0.02	5.3	0.1	<0.05	5	0.6	0.2
1336579	Soil	27	40	0.83	411	0.124	2	1.85	0.010	0.30	<0.1	0.02	5.8	0.3	<0.05	5	<0.5	<0.2
1336594	Soil	20	61	0.72	279	0.061	1	1.67	0.015	0.08	<0.1	0.02	5.5	0.1	<0.05	5	<0.5	<0.2
1336887	Soil	12	41	0.75	513	0.114	3	2.70	0.013	0.24	<0.1	0.04	4.2	0.3	<0.05	10	0.7	<0.2
1336596	Soil	13	74	0.76	274	0.059	2	1.78	0.015	0.06	0.1	0.02	5.3	<0.1	<0.05	5	<0.5	<0.2
1336580	Soil	12	54	0.75	233	0.086	2	1.79	0.010	0.07	<0.1	0.02	4.3	<0.1	<0.05	7	<0.5	<0.2
1336589	Soil	25	67	0.91	363	0.113	2	1.85	0.011	0.25	<0.1	0.03	7.0	0.2	<0.05	6	<0.5	<0.2
1336591	Soil	24	50	0.80	175	0.129	<1	1.79	0.011	0.45	<0.1	0.02	4.3	0.3	<0.05	6	<0.5	0.2
1336597	Soil	16	43	0.71	188	0.055	2	1.38	0.006	0.09	0.2	0.01	4.1	0.1	<0.05	5	<0.5	<0.2
1336582	Soil	14	177	1.28	239	0.063	2	2.07	0.009	0.08	<0.1	<0.01	5.5	0.1	<0.05	6	<0.5	<0.2
1336588	Soil	25	39	0.73	332	0.084	<1	1.76	0.012	0.12	0.1	0.01	7.8	0.1	<0.05	6	<0.5	0.2
1336590	Soil	26	62	0.80	272	0.130	2	2.00	0.012	0.35	0.1	0.03	4.8	0.2	<0.05	6	<0.5	<0.2
1336593	Soil	21	62	0.76	316	0.070	<1	1.75	0.014	0.08	<0.1	0.01	5.7	<0.1	<0.05	5	<0.5	<0.2
1336885	Soil	13	30	0.56	363	0.074	3	1.65	0.011	0.08	0.1	0.02	4.0	<0.1	<0.05	5	0.5	<0.2
1336674	Soil	29	30	0.63	188	0.116	<1	1.78	0.010	0.44	<0.1	0.03	4.1	0.4	<0.05	6	0.8	<0.2
1336595	Soil	18	66	0.76	288	0.073	2	1.66	0.014	0.06	0.2	0.01	5.3	<0.1	<0.05	5	1.2	0.4

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1336797	Soil	2.3	142.7	4.0	64	<0.1	15.6	18.5	559	4.66	2.4	0.4	<0.5	2.1	9	<0.1	0.2	<0.1	101	0.15	0.023
1336814	Soil	1.7	35.2	16.7	81	0.2	37.5	11.1	408	2.94	5.7	1.5	1.3	8.6	21	0.2	0.6	0.2	45	0.34	0.044
1336798	Soil	1.2	54.8	3.5	61	<0.1	16.3	19.7	830	4.52	1.2	0.4	2.4	2.3	10	<0.1	0.3	<0.1	99	0.16	0.035
1336791	Soil	3.4	91.5	4.3	54	<0.1	16.3	14.7	481	3.56	3.0	0.4	<0.5	2.4	10	0.2	0.2	<0.1	90	0.20	0.027
1336792	Soil	1.0	29.5	10.1	80	<0.1	25.4	13.5	368	3.57	2.0	1.0	<0.5	8.2	12	<0.1	0.3	0.2	45	0.13	0.027
1336801	Rock Pulp	1.3	516.2	20.4	62	0.3	255.3	90.4	920	16.81	3.7	1.3	38.9	7.1	16	<0.1	0.4	0.1	207	0.41	0.036
1336793	Soil	1.4	23.8	8.4	83	<0.1	21.0	12.3	369	4.00	4.6	0.9	<0.5	6.7	13	<0.1	0.5	0.2	50	0.12	0.015
1336789	Soil	1.5	87.6	1.8	39	<0.1	13.3	13.6	547	3.87	1.4	0.8	1.6	10.1	13	<0.1	0.2	<0.1	54	0.25	0.052
1336796	Soil	2.4	67.9	4.1	56	<0.1	8.4	10.7	512	3.59	1.6	0.7	1.8	5.5	7	<0.1	0.2	0.2	39	0.14	0.029
1336815	Soil	1.3	31.7	10.1	65	0.2	23.5	9.3	425	2.85	6.5	1.4	3.7	6.7	14	0.1	0.5	0.2	40	0.10	0.023
1336790	Soil	3.6	158.4	4.9	62	<0.1	11.9	16.0	642	4.13	1.8	0.5	3.2	2.7	8	0.1	0.2	0.2	93	0.23	0.023
1336794	Soil	1.7	40.5	10.4	104	<0.1	32.7	13.1	522	4.03	7.4	1.6	<0.5	8.0	17	0.1	0.6	0.2	44	0.23	0.050
1336788	Soil	0.7	23.4	4.6	76	<0.1	7.7	21.6	888	4.51	0.8	0.3	1.7	1.6	12	0.1	<0.1	<0.1	78	0.60	0.066
1336816	Soil	1.4	33.0	10.6	95	<0.1	24.5	12.4	432	3.93	5.0	1.5	2.2	8.5	8	<0.1	0.5	0.2	27	0.05	0.028
1336813	Soil	0.9	32.8	13.8	65	0.2	37.8	10.7	396	2.33	4.7	1.3	4.6	4.2	25	<0.1	0.4	0.2	45	0.41	0.043
1336812	Soil	1.1	42.7	21.6	72	0.1	41.8	11.7	528	2.81	7.3	1.0	5.5	5.0	18	0.1	0.9	0.2	63	0.31	0.033
1336802	Soil	1.0	31.2	6.7	59	<0.1	13.5	12.0	543	3.44	3.6	1.0	10.1	7.5	11	0.1	0.5	0.1	55	0.25	0.037
1336808	Soil	0.6	33.1	25.8	82	0.2	38.5	9.9	341	2.34	8.4	1.1	3.8	4.6	22	0.2	0.7	0.3	47	0.36	0.037
1336800	Soil	1.1	36.7	4.3	98	<0.1	20.4	22.0	921	5.44	2.2	0.9	2.9	6.2	10	0.2	0.4	0.1	79	0.27	0.045
1336795	Soil	1.5	33.7	11.1	90	<0.1	19.3	15.3	545	4.70	8.3	1.1	4.5	5.3	18	<0.1	0.9	0.2	59	0.20	0.028
1336817	Soil	0.7	33.9	12.5	123	<0.1	18.4	15.0	586	3.57	2.4	1.3	1.9	10.4	12	0.2	0.1	0.2	62	0.36	0.045
1336809	Soil	1.0	45.1	32.2	91	0.3	40.9	11.1	428	2.52	7.1	1.0	6.3	4.8	23	0.2	0.8	0.4	52	0.35	0.038
1336804	Soil	1.2	23.4	11.4	57	0.2	18.6	12.1	461	2.65	6.3	1.3	2.6	4.5	23	0.2	0.5	0.2	48	0.28	0.042
1336803	Soil	1.0	34.7	12.4	58	0.2	19.0	11.2	462	2.65	5.7	1.4	4.3	4.6	27	<0.1	0.6	0.2	49	0.45	0.040
1336771	Soil	0.8	30.5	13.8	83	<0.1	27.7	12.9	455	3.57	6.0	1.2	2.4	13.2	27	<0.1	0.8	0.3	55	0.46	0.054
1336810	Soil	0.7	39.9	15.1	80	0.2	28.8	10.7	360	2.60	3.8	1.1	4.3	5.1	19	0.1	0.5	0.2	58	0.35	0.045
1336806	Soil	0.5	25.7	9.3	58	<0.1	28.7	10.1	246	2.39	0.8	1.3	5.3	6.7	20	0.1	0.2	0.1	41	0.32	0.033
1336799	Soil	1.7	66.8	4.1	55	<0.1	13.4	16.2	622	3.63	1.7	0.4	3.3	2.3	15	0.2	0.4	<0.1	87	0.32	0.028
1336773	Soil	0.5	14.2	13.0	65	<0.1	19.0	8.3	261	2.65	3.5	0.6	4.1	6.5	18	0.1	0.2	0.1	42	0.31	0.013
1336811	Soil	0.5	25.4	6.7	67	<0.1	13.1	17.2	386	3.46	1.4	0.6	0.8	3.7	14	0.2	0.2	<0.1	122	0.43	0.062

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1336797	Soil	5	69	1.68	451	0.121	<1	2.84	0.012	0.49	<0.1	<0.01	11.9	0.1	<0.05	8	<0.5	<0.2
1336814	Soil	26	43	0.51	273	0.050	1	1.50	0.016	0.11	0.1	0.03	7.1	<0.1	<0.05	4	<0.5	<0.2
1336798	Soil	5	71	1.60	494	0.086	<1	2.74	0.011	0.43	<0.1	<0.01	14.0	<0.1	<0.05	8	<0.5	<0.2
1336791	Soil	6	61	1.32	395	0.086	2	2.47	0.021	0.40	0.2	<0.01	10.6	<0.1	<0.05	7	0.7	<0.2
1336792	Soil	26	29	0.80	196	0.052	<1	1.91	0.007	0.12	<0.1	0.01	7.9	0.1	<0.05	5	<0.5	<0.2
1336801	Rock Pulp	17	720	0.16	162	0.164	6	4.16	0.016	0.08	<0.1	0.02	47.6	<0.1	<0.05	19	0.6	0.2
1336793	Soil	28	35	0.77	203	0.040	<1	1.66	0.005	0.09	<0.1	0.02	10.2	0.1	<0.05	5	0.9	<0.2
1336789	Soil	35	16	0.65	455	0.037	1	1.07	0.009	0.21	<0.1	0.01	13.5	<0.1	<0.05	5	<0.5	<0.2
1336796	Soil	20	16	0.34	307	0.008	<1	0.92	0.005	0.13	<0.1	0.02	13.5	<0.1	<0.05	3	<0.5	<0.2
1336815	Soil	26	22	0.37	152	0.016	<1	1.32	0.007	0.07	<0.1	0.02	4.6	0.1	<0.05	4	<0.5	<0.2
1336790	Soil	6	47	1.43	540	0.099	1	2.33	0.011	0.56	0.2	<0.01	12.0	<0.1	<0.05	7	<0.5	<0.2
1336794	Soil	28	25	0.55	240	0.024	<1	1.32	0.008	0.09	<0.1	0.02	11.2	0.1	<0.05	4	1.8	<0.2
1336788	Soil	8	35	1.14	543	0.079	2	1.61	0.016	0.26	<0.1	0.03	20.8	0.1	<0.05	5	0.6	<0.2
1336816	Soil	29	15	0.30	110	0.010	2	1.03	0.005	0.07	<0.1	0.02	8.6	<0.1	<0.05	3	0.7	<0.2
1336813	Soil	17	65	0.67	289	0.060	<1	1.57	0.014	0.07	0.1	0.02	4.9	<0.1	<0.05	5	<0.5	<0.2
1336812	Soil	19	49	0.92	271	0.065	<1	1.74	0.011	0.10	0.2	0.02	8.4	0.1	<0.05	5	1.6	<0.2
1336802	Soil	19	20	0.53	344	0.074	2	1.26	0.009	0.31	0.1	<0.01	7.5	0.1	<0.05	5	<0.5	<0.2
1336808	Soil	17	66	0.69	268	0.066	1	1.62	0.014	0.09	0.1	0.04	4.8	<0.1	<0.05	5	0.8	<0.2
1336800	Soil	23	30	0.42	576	0.016	2	0.98	0.008	0.20	<0.1	0.05	19.5	0.1	<0.05	4	<0.5	<0.2
1336795	Soil	20	44	0.56	250	0.019	1	1.57	0.009	0.23	<0.1	0.01	13.0	0.2	<0.05	5	0.8	<0.2
1336817	Soil	35	37	1.08	296	0.106	1	2.00	0.014	0.43	<0.1	<0.01	10.7	0.2	<0.05	7	1.0	<0.2
1336809	Soil	17	53	0.70	329	0.059	<1	1.84	0.014	0.08	0.2	0.02	6.6	<0.1	<0.05	5	<0.5	<0.2
1336804	Soil	19	24	0.43	322	0.030	2	1.51	0.012	0.06	0.1	0.06	5.1	0.1	<0.05	4	<0.5	<0.2
1336803	Soil	19	27	0.47	355	0.036	<1	1.57	0.014	0.07	<0.1	0.04	5.9	<0.1	<0.05	5	<0.5	<0.2
1336771	Soil	27	33	0.68	170	0.090	<1	1.62	0.015	0.30	<0.1	0.01	6.6	0.2	<0.05	6	0.7	<0.2
1336810	Soil	19	43	0.98	317	0.072	<1	1.88	0.013	0.15	<0.1	0.02	6.9	0.1	<0.05	6	<0.5	<0.2
1336806	Soil	22	50	0.65	284	0.107	<1	1.64	0.010	0.25	<0.1	0.03	4.2	0.2	<0.05	5	<0.5	<0.2
1336799	Soil	8	55	1.42	647	0.080	<1	2.30	0.012	0.31	<0.1	<0.01	11.9	<0.1	<0.05	7	<0.5	<0.2
1336773	Soil	18	31	0.67	131	0.108	3	1.50	0.009	0.21	<0.1	<0.01	3.1	0.1	<0.05	6	0.6	<0.2
1336811	Soil	14	28	2.02	344	0.132	<1	2.59	0.021	0.73	<0.1	<0.01	13.0	0.2	<0.05	9	<0.5	0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336807	Soil	1.1	23.8	10.9	57	<0.1	28.1	10.7	350	2.50	2.7	1.5	38.2	6.8	18	0.1	0.4	0.2	43	0.26	0.036
1336805	Soil	0.8	18.1	9.3	51	<0.1	15.1	10.5	425	2.55	5.8	0.9	3.2	4.7	24	<0.1	0.4	0.1	41	0.45	0.051
1336778	Soil	0.9	32.0	7.4	99	<0.1	19.7	13.1	353	3.21	2.9	1.2	2.5	7.2	16	0.2	0.4	0.1	81	0.30	0.070
1336767	Soil	0.7	21.6	13.8	47	0.1	26.7	10.4	311	3.15	8.4	0.9	1.4	2.7	57	0.3	1.0	0.1	43	1.15	0.063
1336772	Soil	1.1	27.8	13.8	73	<0.1	31.7	12.7	477	3.34	6.9	0.9	1.6	10.1	27	0.2	0.7	0.2	50	0.45	0.041
1336769	Soil	0.5	27.4	12.1	63	0.1	27.2	10.7	385	2.57	9.5	1.0	5.7	4.5	52	0.3	1.0	0.2	53	0.81	0.049
1336776	Soil	1.4	33.5	12.8	78	0.1	34.0	16.2	728	4.16	5.4	1.0	5.3	9.7	22	0.2	0.8	0.1	79	0.42	0.049
1336766	Soil	0.4	22.4	32.1	66	0.2	23.9	8.3	191	2.60	7.4	1.1	2.0	3.5	24	0.2	0.8	0.2	51	0.49	0.052
1336770	Soil	0.6	21.5	10.1	59	<0.1	21.6	10.7	487	2.31	7.0	0.8	2.2	3.3	61	0.1	0.7	0.1	45	1.11	0.051
1336775	Soil	0.8	24.2	11.3	71	0.1	27.5	13.7	672	3.46	5.0	0.6	6.5	7.8	43	0.2	0.6	<0.1	63	0.83	0.036
1336779	Soil	1.0	38.3	6.3	89	<0.1	27.1	12.6	231	2.84	1.7	1.2	2.8	9.0	13	0.2	0.3	0.2	54	0.28	0.052
1336765	Soil	0.7	11.1	23.1	66	0.1	17.4	9.9	309	1.93	5.1	0.5	4.0	2.8	36	<0.1	0.5	0.1	43	0.70	0.045
1336768	Soil	0.8	22.5	11.0	51	0.1	25.7	18.6	919	3.14	18.8	1.0	3.8	2.9	55	<0.1	1.1	0.2	54	0.94	0.064
1336774	Soil	0.7	31.5	12.7	66	0.1	29.5	13.0	697	3.09	8.9	0.9	4.6	5.3	41	0.2	0.6	0.2	63	0.63	0.035
1336781	Soil	1.4	38.8	11.4	72	<0.1	29.7	11.5	422	2.71	8.3	0.9	3.9	5.0	26	0.2	0.8	0.2	52	0.43	0.057
1336777	Soil	1.5	41.3	15.9	77	<0.1	39.3	10.3	427	3.03	5.8	1.1	3.2	6.7	18	0.1	0.7	0.2	43	0.33	0.056
1336783	Soil	1.0	38.9	10.9	74	0.2	28.2	11.2	416	2.74	4.7	1.2	2.7	5.1	27	0.2	0.6	0.2	60	0.43	0.042
1336764	Soil	0.8	24.7	14.9	63	0.1	22.8	13.0	532	2.52	8.1	1.2	3.9	2.9	53	0.6	0.8	0.2	48	0.85	0.074
1336786	Soil	0.8	31.8	46.9	106	0.7	36.3	16.0	1188	2.54	12.8	0.8	0.7	3.0	25	0.6	1.3	0.6	52	0.44	0.049
1336780	Soil	0.7	30.5	10.7	57	0.2	28.5	10.3	437	2.98	10.5	1.1	<0.5	3.2	33	0.2	0.7	0.3	59	0.57	0.060
1336892	Soil	2.3	95.2	9.4	71	0.1	21.4	6.5	353	2.92	2.8	2.4	<0.5	5.1	16	0.3	0.3	0.2	73	0.15	0.110
1336873	Soil	0.7	24.4	8.2	49	<0.1	18.2	7.9	263	2.26	5.0	0.8	3.7	4.4	17	0.2	0.4	0.1	42	0.17	0.034
1336592	Soil	1.1	34.9	10.0	61	0.2	36.2	12.4	457	2.82	3.1	2.3	1.3	5.5	25	<0.1	0.3	0.2	47	0.31	0.046
1336785	Soil	0.8	29.7	15.5	55	0.2	32.8	9.3	300	2.34	7.5	0.7	2.0	3.3	22	<0.1	0.7	0.3	45	0.32	0.045
1336787	Soil	0.7	25.4	12.1	71	<0.1	29.8	12.1	629	2.63	4.0	1.3	<0.5	5.4	23	0.2	0.4	0.3	48	0.38	0.043
1336888	Soil	0.5	46.1	5.2	67	0.4	14.6	5.0	238	2.32	1.9	0.5	<0.5	2.5	8	0.2	0.2	<0.1	38	0.07	0.012
1336280	Soil	0.4	9.1	5.4	62	<0.1	6.0	9.7	545	3.20	0.8	0.8	<0.5	11.9	8	<0.1	0.2	<0.1	52	0.25	0.037
1336782	Soil	0.7	30.2	10.5	58	<0.1	19.7	11.3	236	2.76	5.4	1.3	3.2	3.7	31	<0.1	0.6	0.2	57	0.45	0.062
1336890	Soil	1.6	14.7	5.9	26	0.2	7.1	2.2	73	1.44	2.5	0.3	<0.5	0.2	12	0.1	0.5	0.1	40	0.08	0.034
1336876	Soil	0.7	27.4	7.6	46	0.2	18.1	6.6	199	2.10	4.7	0.9	<0.5	3.0	20	0.2	0.5	0.2	45	0.21	0.039

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336807	Soil	21	45	0.56	205	0.083	<1	1.52	0.010	0.19	<0.1	0.01	3.5	0.1	<0.05	5	0.8	0.2
1336805	Soil	17	21	0.37	254	0.044	<1	1.20	0.015	0.07	0.2	0.02	4.3	<0.1	<0.05	4	0.6	<0.2
1336778	Soil	25	24	1.11	212	0.082	<1	1.58	0.010	0.25	0.2	0.01	10.3	0.1	<0.05	5	<0.5	<0.2
1336767	Soil	11	32	0.39	276	0.028	1	1.21	0.015	0.04	0.2	0.03	4.0	<0.1	<0.05	4	0.7	<0.2
1336772	Soil	23	45	0.79	173	0.051	<1	1.73	0.012	0.10	0.1	<0.01	5.0	<0.1	<0.05	6	0.7	<0.2
1336769	Soil	18	34	0.51	248	0.049	<1	1.67	0.015	0.07	0.4	0.05	5.0	<0.1	<0.05	5	0.7	<0.2
1336776	Soil	25	48	1.09	393	0.047	1	2.28	0.014	0.11	<0.1	0.03	11.5	<0.1	<0.05	8	<0.5	<0.2
1336766	Soil	17	42	0.47	275	0.028	1	1.51	0.015	0.05	0.1	0.03	6.0	<0.1	<0.05	5	<0.5	<0.2
1336770	Soil	13	32	0.54	180	0.041	3	1.34	0.015	0.05	0.2	0.03	4.2	<0.1	<0.05	4	<0.5	<0.2
1336775	Soil	28	31	0.86	188	0.061	1	2.00	0.018	0.08	<0.1	0.03	7.2	<0.1	<0.05	7	0.9	<0.2
1336779	Soil	28	32	1.04	231	0.097	1	1.64	0.013	0.48	0.1	<0.01	6.2	0.2	<0.05	6	<0.5	<0.2
1336765	Soil	10	35	0.46	168	0.037	1	1.25	0.014	0.04	0.2	0.03	3.5	<0.1	<0.05	4	1.2	<0.2
1336768	Soil	14	31	0.41	282	0.036	1	1.42	0.016	0.04	0.2	0.05	4.5	<0.1	<0.05	4	<0.5	<0.2
1336774	Soil	23	35	0.71	273	0.063	<1	1.96	0.023	0.08	0.1	0.06	6.6	<0.1	<0.05	6	0.6	<0.2
1336781	Soil	19	32	0.54	278	0.066	<1	1.35	0.018	0.08	0.3	0.02	5.4	<0.1	<0.05	4	<0.5	<0.2
1336777	Soil	25	38	0.49	240	0.033	1	1.21	0.010	0.08	<0.1	0.02	6.4	<0.1	<0.05	4	<0.5	<0.2
1336783	Soil	20	36	0.81	353	0.091	<1	1.89	0.017	0.12	0.1	0.04	6.6	<0.1	<0.05	6	0.9	<0.2
1336764	Soil	14	33	0.46	264	0.040	3	1.38	0.020	0.05	0.2	0.04	4.3	<0.1	<0.05	4	1.4	<0.2
1336786	Soil	14	63	0.68	319	0.050	4	1.65	0.014	0.06	0.2	0.02	5.4	<0.1	0.08	5	0.7	<0.2
1336780	Soil	19	35	0.61	328	0.054	2	1.55	0.016	0.07	0.3	0.09	5.8	<0.1	0.07	5	<0.5	<0.2
1336892	Soil	25	26	0.77	189	0.118	2	1.52	0.007	0.52	<0.1	0.04	3.4	0.2	0.12	5	0.5	0.5
1336873	Soil	18	25	0.44	424	0.075	1	1.31	0.010	0.10	0.1	<0.01	3.7	0.1	<0.05	4	0.6	<0.2
1336592	Soil	27	47	0.70	383	0.093	3	2.08	0.013	0.15	<0.1	0.02	5.4	0.2	<0.05	6	<0.5	<0.2
1336785	Soil	16	40	0.53	262	0.050	<1	1.46	0.020	0.05	0.2	0.03	4.9	<0.1	<0.05	4	<0.5	<0.2
1336787	Soil	22	56	0.65	279	0.088	1	1.77	0.012	0.16	<0.1	0.03	4.5	0.2	<0.05	6	0.8	<0.2
1336888	Soil	9	31	0.98	749	0.147	2	1.65	0.008	0.70	<0.1	<0.01	3.0	0.3	<0.05	6	<0.5	<0.2
1336280	Soil	28	8	0.57	309	0.091	1	1.34	0.012	0.41	<0.1	<0.01	7.2	0.1	<0.05	6	<0.5	<0.2
1336782	Soil	18	30	0.74	340	0.073	3	1.85	0.022	0.11	0.1	0.06	6.4	0.1	<0.05	6	<0.5	<0.2
1336890	Soil	6	11	0.06	207	0.033	1	0.60	0.011	0.04	<0.1	0.05	1.2	<0.1	<0.05	4	1.3	<0.2
1336876	Soil	16	26	0.42	491	0.057	1	1.34	0.010	0.05	<0.1	0.04	4.3	<0.1	<0.05	4	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336281	Soil	0.3	7.3	4.1	57	<0.1	2.6	7.9	516	3.05	0.9	0.7	<0.5	11.0	9	<0.1	0.3	<0.1	38	0.23	0.027
1336784	Soil	1.1	36.7	11.5	73	<0.1	30.5	11.8	398	2.71	5.7	1.0	<0.5	5.4	21	0.2	0.6	0.2	53	0.32	0.044
1336882	Soil	0.6	34.1	7.8	50	<0.1	21.4	8.3	306	2.26	6.5	0.9	5.7	3.5	16	0.2	0.5	0.2	48	0.15	0.024
1336879	Soil	1.1	33.4	9.0	55	0.2	20.3	8.4	237	2.29	5.2	0.7	0.6	2.6	13	<0.1	0.4	0.1	48	0.11	0.025
1336270	Soil	0.5	13.7	6.3	48	<0.1	13.6	9.1	399	2.91	4.0	0.5	<0.5	4.7	14	<0.1	0.5	<0.1	61	0.22	0.017
1336288	Soil	1.0	16.1	9.7	67	<0.1	12.1	10.4	353	2.98	3.7	0.8	0.6	6.4	18	<0.1	0.5	0.1	56	0.34	0.045
1336283	Soil	0.6	16.6	5.2	69	<0.1	9.3	12.6	411	4.00	2.3	0.7	<0.5	7.9	10	<0.1	0.2	0.2	83	0.13	0.021
1336284	Soil	0.7	9.7	7.3	62	<0.1	7.4	11.0	866	3.37	1.9	1.3	<0.5	12.9	9	0.1	0.4	<0.1	37	0.21	0.037
1336274	Soil	0.6	10.1	4.1	63	<0.1	8.8	12.4	366	3.53	1.5	0.4	<0.5	5.1	9	<0.1	0.1	<0.1	71	0.20	0.016
1336275	Soil	1.0	12.2	5.0	70	<0.1	9.7	12.6	417	3.59	2.1	0.5	<0.5	5.3	11	<0.1	0.3	<0.1	73	0.21	0.020
1336290	Soil	0.9	10.4	7.5	55	<0.1	10.4	7.6	313	2.25	4.7	0.7	1.5	3.3	23	0.2	0.3	0.1	52	0.43	0.050
1336286	Soil	0.6	50.6	3.0	73	<0.1	24.1	29.4	1125	5.52	1.5	0.5	1.5	2.8	14	0.2	0.5	<0.1	115	0.59	0.109
1336272	Soil	0.7	14.1	7.5	68	<0.1	7.0	9.8	699	3.64	1.2	1.1	<0.5	12.1	10	0.1	0.3	<0.1	51	0.26	0.042
1336277	Soil	1.3	38.4	13.3	67	0.2	27.6	12.3	602	3.13	7.3	1.3	1.0	5.1	31	<0.1	0.7	0.2	52	0.54	0.049
1336279	Soil	0.6	8.4	7.1	61	<0.1	4.6	9.3	598	3.30	1.3	0.7	<0.5	11.6	7	<0.1	0.3	0.1	35	0.19	0.030
1336282	Soil	0.7	9.4	6.7	58	<0.1	4.2	9.1	573	3.42	1.5	0.9	<0.5	11.4	7	<0.1	0.3	<0.1	29	0.12	0.039
1336273	Soil	0.9	23.9	8.6	45	<0.1	14.1	12.4	681	3.36	4.1	1.1	<0.5	6.7	17	<0.1	0.3	<0.1	56	0.34	0.032
1336276	Soil	1.3	32.9	6.0	52	<0.1	14.6	11.1	433	3.34	5.7	0.9	3.1	6.7	22	<0.1	0.4	0.2	65	0.45	0.030
1336278	Soil	0.8	19.5	7.8	65	0.1	13.6	10.1	485	3.53	4.3	0.7	<0.5	8.5	16	0.1	0.3	0.3	44	0.34	0.050
1336285	Soil	0.9	42.0	7.9	81	<0.1	46.1	22.9	560	5.29	2.5	1.1	<0.5	4.4	16	<0.1	1.6	<0.1	80	0.30	0.057

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 17, 2013

CERTIFICATE OF ANALYSIS WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336281	Soil	29	4	0.37	484	0.047	2	1.00	0.006	0.26	<0.1	<0.01	8.1	0.2	<0.05	5	<0.5	<0.2
1336784	Soil	20	38	0.73	283	0.086	1	1.66	0.016	0.18	0.2	0.03	6.8	<0.1	<0.05	5	<0.5	<0.2
1336882	Soil	15	28	0.45	455	0.065	<1	1.43	0.008	0.08	0.1	0.04	4.2	<0.1	<0.05	5	<0.5	<0.2
1336879	Soil	12	26	0.40	271	0.054	<1	1.49	0.009	0.06	<0.1	0.01	3.6	0.1	<0.05	5	0.8	<0.2
1336270	Soil	12	24	0.47	287	0.068	1	1.36	0.013	0.21	<0.1	0.02	5.6	<0.1	<0.05	5	<0.5	<0.2
1336288	Soil	20	23	0.61	337	0.073	2	1.50	0.012	0.21	0.1	0.04	6.8	0.1	<0.05	6	<0.5	<0.2
1336283	Soil	28	20	0.71	250	0.096	<1	1.90	0.011	0.27	<0.1	<0.01	9.1	0.1	<0.05	7	1.1	<0.2
1336284	Soil	34	9	0.34	501	0.054	<1	0.95	0.007	0.31	0.1	0.03	9.9	<0.1	<0.05	5	1.0	<0.2
1336274	Soil	14	20	0.98	299	0.141	<1	1.91	0.013	0.62	<0.1	<0.01	7.2	0.1	<0.05	7	<0.5	<0.2
1336275	Soil	15	22	0.84	316	0.112	<1	1.83	0.011	0.47	0.1	0.02	7.5	<0.1	<0.05	7	0.9	<0.2
1336290	Soil	15	20	0.42	307	0.044	<1	1.41	0.017	0.09	0.1	0.04	5.4	<0.1	<0.05	5	1.0	<0.2
1336286	Soil	14	40	0.82	434	0.050	1	1.51	0.025	0.26	<0.1	<0.01	13.0	<0.1	<0.05	6	1.8	<0.2
1336272	Soil	33	10	0.39	291	0.059	2	1.16	0.007	0.34	<0.1	0.03	10.6	<0.1	<0.05	5	0.6	<0.2
1336277	Soil	22	32	0.59	426	0.054	3	1.68	0.018	0.09	0.1	0.03	8.0	0.1	<0.05	5	2.7	<0.2
1336279	Soil	29	5	0.30	308	0.045	<1	0.95	0.005	0.42	<0.1	0.03	9.2	0.2	<0.05	5	1.3	<0.2
1336282	Soil	29	5	0.13	247	0.006	<1	0.80	0.006	0.17	<0.1	0.02	7.7	<0.1	<0.05	4	0.9	<0.2
1336273	Soil	28	21	0.40	544	0.019	<1	1.43	0.012	0.15	0.1	0.03	13.0	<0.1	<0.05	5	1.3	<0.2
1336276	Soil	26	29	0.62	454	0.063	1	1.70	0.016	0.16	<0.1	0.06	10.4	<0.1	<0.05	6	1.5	<0.2
1336278	Soil	28	13	0.21	426	0.006	<1	0.80	0.010	0.16	<0.1	0.09	12.3	<0.1	<0.05	3	<0.5	<0.2
1336285	Soil	14	54	0.26	535	0.006	1	0.76	0.008	0.15	<0.1	<0.01	15.6	<0.1	<0.05	3	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 17, 2013

QUALITY CONTROL REPORT WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																					
1382837	Soil	1.5	30.2	8.6	45	0.1	18.8	7.9	313	2.63	6.8	0.8	5.1	1.6	12	0.2	0.4	0.1	54	0.12	0.025
REP 1382837	QC	1.5	31.7	9.1	48	0.1	18.4	7.9	311	2.57	6.6	0.8	2.0	1.7	12	0.1	0.4	0.1	57	0.13	0.029
1336340	Soil	1.6	42.5	20.8	85	0.2	97.2	14.3	534	3.10	11.3	0.7	5.1	5.1	16	0.1	0.9	0.2	49	0.33	0.052
REP 1336340	QC	1.6	43.3	20.1	83	0.2	89.6	14.1	519	3.06	10.7	0.7	2.8	5.0	16	0.1	1.0	0.2	49	0.31	0.055
1336341	Soil	0.8	44.7	6.9	114	<0.1	24.4	18.2	516	4.44	4.7	0.7	<0.5	3.2	19	<0.1	0.4	0.1	117	0.59	0.058
REP 1336341	QC	0.9	44.9	7.3	107	<0.1	23.8	17.9	520	4.34	4.9	0.7	<0.5	3.4	20	<0.1	0.4	0.1	120	0.63	0.058
1337170	Soil	0.9	24.3	9.9	68	0.1	26.3	10.9	384	2.96	4.3	0.9	2.5	5.8	20	0.2	0.3	0.2	54	0.35	0.043
REP 1337170	QC	0.8	23.2	9.8	67	0.1	25.8	10.4	382	2.85	4.1	0.8	2.5	5.7	20	0.1	0.3	0.2	52	0.32	0.043
1336573	Soil	0.9	19.1	11.7	66	0.2	19.5	10.9	333	2.68	6.2	0.6	1.7	2.9	21	0.2	0.6	0.1	62	0.45	0.051
REP 1336573	QC	0.9	18.1	11.6	63	0.1	18.1	11.0	316	2.62	6.4	0.6	2.4	2.8	21	0.1	0.5	0.1	61	0.42	0.049
1336672	Soil	0.4	19.9	15.7	78	0.2	24.9	11.0	399	3.06	16.4	1.2	2.7	7.3	17	<0.1	3.3	0.3	44	0.18	0.045
REP 1336672	QC	0.3	18.2	15.9	77	0.2	24.1	10.8	384	2.90	17.9	1.1	<0.5	7.3	15	<0.1	3.1	0.2	41	0.17	0.045
1336577	Soil	1.2	41.9	11.2	67	<0.1	32.6	10.8	541	2.86	6.3	1.0	3.2	6.1	23	<0.1	0.6	0.2	56	0.21	0.019
REP 1336577	QC	1.1	44.2	10.8	68	<0.1	33.6	10.8	526	2.86	6.1	1.0	3.1	6.1	23	<0.1	0.6	0.2	56	0.22	0.020
1336800	Soil	1.1	36.7	4.3	98	<0.1	20.4	22.0	921	5.44	2.2	0.9	2.9	6.2	10	0.2	0.4	0.1	79	0.27	0.045
REP 1336800	QC	1.3	35.6	4.3	97	<0.1	21.2	22.3	867	5.21	1.9	0.9	2.0	6.2	10	0.2	0.4	0.1	76	0.26	0.042
1336281	Soil	0.3	7.3	4.1	57	<0.1	2.6	7.9	516	3.05	0.9	0.7	<0.5	11.0	9	<0.1	0.3	<0.1	38	0.23	0.027
REP 1336281	QC	0.5	7.2	4.1	58	<0.1	3.0	7.8	522	3.07	<0.5	1.0	<0.5	11.0	10	<0.1	0.3	<0.1	38	0.22	0.030
Reference Materials																					
STD DS10	Standard	15.4	137.7	148.2	358	2.2	69.5	12.0	848	2.70	44.2	2.5	143.1	7.4	71	2.7	9.6	11.8	42	1.03	0.074
STD DS10	Standard	14.2	156.0	153.7	364	2.0	74.6	12.2	890	2.73	43.8	2.8	108.7	8.2	73	2.7	9.6	11.5	41	1.07	0.076
STD DS10	Standard	14.3	141.7	144.5	354	1.9	73.4	12.2	874	2.68	44.7	2.7	71.7	8.2	72	2.1	9.1	11.7	44	1.04	0.073
STD DS10	Standard	16.6	160.8	159.5	332	1.9	78.8	13.1	869	2.73	40.6	2.2	81.6	6.8	60	2.3	8.0	10.2	47	1.01	0.065
STD DS10	Standard	14.8	141.8	153.9	340	2.0	71.0	12.2	880	2.67	43.9	2.8	104.4	7.9	72	2.5	9.3	11.9	43	1.11	0.076
STD DS10	Standard	16.7	160.0	157.6	338	2.1	75.1	13.2	848	2.77	41.9	2.3	96.9	6.7	61	2.4	8.2	10.2	51	1.14	0.074
STD DS10	Standard	16.8	157.0	156.4	367	2.3	77.5	13.5	922	2.86	44.9	2.2	105.1	6.1	58	2.6	8.4	9.9	44	1.06	0.066
STD DS10	Standard	15.7	153.6	153.4	347	2.0	76.4	13.2	903	2.71	42.8	2.2	89.0	6.1	55	2.5	8.0	10.1	46	1.13	0.074
STD DS10	Standard	14.0	149.5	149.7	358	2.1	72.6	12.9	872	2.76	44.2	2.7	81.8	7.8	73	2.8	9.8	12.0	44	1.09	0.075

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 17, 2013

QUALITY CONTROL REPORT WHI13000478.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																		
1382837	Soil	12	25	0.32	174	0.043	<1	1.48	0.008	0.05	0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
REP 1382837	QC	12	25	0.32	179	0.044	1	1.63	0.009	0.05	0.1	0.03	3.7	0.1	<0.05	5	0.5	<0.2
1336340	Soil	21	83	0.82	233	0.049	1	1.54	0.009	0.09	0.2	0.02	5.9	<0.1	<0.05	4	<0.5	<0.2
REP 1336340	QC	20	80	0.83	229	0.048	1	1.54	0.009	0.09	0.2	0.01	5.8	<0.1	<0.05	4	<0.5	<0.2
1336341	Soil	10	109	2.33	498	0.135	<1	2.91	0.015	0.30	<0.1	0.02	13.3	0.2	<0.05	8	<0.5	<0.2
REP 1336341	QC	10	108	2.30	500	0.134	<1	2.80	0.015	0.30	<0.1	0.02	14.2	0.2	<0.05	8	<0.5	<0.2
1337170	Soil	25	36	0.63	320	0.091	1	1.92	0.012	0.18	0.1	0.02	4.6	0.2	<0.05	6	<0.5	<0.2
REP 1337170	QC	25	35	0.59	323	0.094	<1	1.85	0.011	0.17	0.1	0.02	4.3	0.2	<0.05	6	<0.5	<0.2
1336573	Soil	12	37	0.60	227	0.066	1	1.65	0.015	0.05	0.2	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
REP 1336573	QC	12	35	0.56	225	0.066	<1	1.67	0.015	0.05	0.2	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
1336672	Soil	29	30	0.61	152	0.113	<1	1.88	0.011	0.41	<0.1	0.04	3.7	0.3	<0.05	6	<0.5	<0.2
REP 1336672	QC	28	27	0.59	143	0.105	<1	1.81	0.010	0.39	<0.1	0.04	3.7	0.3	<0.05	6	<0.5	<0.2
1336577	Soil	21	38	0.73	371	0.095	2	1.69	0.013	0.12	0.1	0.03	6.5	0.1	<0.05	5	<0.5	<0.2
REP 1336577	QC	22	37	0.69	367	0.094	<1	1.75	0.013	0.12	<0.1	0.04	6.5	0.1	<0.05	5	<0.5	<0.2
1336800	Soil	23	30	0.42	576	0.016	2	0.98	0.008	0.20	<0.1	0.05	19.5	0.1	<0.05	4	<0.5	<0.2
REP 1336800	QC	23	30	0.41	573	0.017	1	0.96	0.008	0.21	<0.1	0.04	20.5	<0.1	<0.05	3	<0.5	<0.2
1336281	Soil	29	4	0.37	484	0.047	2	1.00	0.006	0.26	<0.1	<0.01	8.1	0.2	<0.05	5	<0.5	<0.2
REP 1336281	QC	29	4	0.37	468	0.049	<1	1.01	0.005	0.27	<0.1	0.02	8.1	0.1	<0.05	4	1.3	<0.2
Reference Materials																		
STD DS10	Standard	19	51	0.76	361	0.081	8	1.05	0.072	0.35	3.3	0.35	3.2	4.9	0.19	5	3.1	6.3
STD DS10	Standard	18	53	0.82	346	0.083	6	1.06	0.070	0.34	3.3	0.28	3.0	5.0	0.21	4	3.2	4.5
STD DS10	Standard	19	54	0.77	367	0.083	7	1.09	0.073	0.33	3.2	0.29	2.9	4.9	0.28	5	2.8	4.9
STD DS10	Standard	18	57	0.73	353	0.076	5	1.07	0.073	0.29	3.0	0.29	3.0	4.8	0.26	4	2.2	4.5
STD DS10	Standard	19	54	0.79	365	0.084	8	1.05	0.072	0.33	3.5	0.25	3.1	5.0	0.24	4	1.5	5.6
STD DS10	Standard	19	62	0.79	376	0.082	7	1.19	0.076	0.32	3.0	0.28	3.2	4.9	0.29	4	2.0	4.6
STD DS10	Standard	15	55	0.76	356	0.071	7	1.06	0.071	0.33	3.4	0.36	2.9	5.4	0.25	4	2.1	4.6
STD DS10	Standard	17	57	0.80	376	0.077	7	1.06	0.062	0.36	3.4	0.28	2.9	5.0	0.30	4	2.0	4.9
STD DS10	Standard	19	52	0.78	360	0.081	6	1.07	0.068	0.33	3.6	0.32	3.2	5.1	0.25	5	2.8	4.6

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 17, 2013

QUALITY CONTROL REPORT WHI13000478.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD OXC109	Standard	1.5	33.5	10.2	39	<0.1	66.7	17.9	396	2.78	0.6	0.6	219.2	1.3	150	<0.1	<0.1	<0.1	45	0.77	0.102
STD OXC109	Standard	1.4	35.7	11.1	42	<0.1	75.4	18.8	420	2.74	<0.5	0.6	223.8	1.5	154	<0.1	<0.1	<0.1	48	0.79	0.099
STD OXC109	Standard	1.6	34.5	10.9	43	<0.1	72.2	18.9	431	2.77	0.8	0.6	214.8	1.5	158	<0.1	<0.1	<0.1	51	0.78	0.101
STD OXC109	Standard	1.8	37.7	9.7	39	<0.1	77.3	21.2	415	3.05	0.7	0.5	216.7	1.2	156	<0.1	<0.1	<0.1	55	0.80	0.092
STD OXC109	Standard	1.5	34.1	11.3	40	<0.1	72.9	19.2	435	2.81	<0.5	0.6	216.1	1.5	153	<0.1	<0.1	<0.1	48	0.74	0.107
STD OXC109	Standard	1.6	35.8	9.3	37	<0.1	75.2	20.0	403	2.85	<0.5	0.5	216.6	1.2	157	<0.1	<0.1	<0.1	54	0.80	0.100
STD OXC109	Standard	1.6	36.7	9.2	39	<0.1	77.6	20.7	418	3.05	0.6	0.5	225.2	1.1	139	<0.1	<0.1	<0.1	50	0.76	0.103
STD OXC109	Standard	1.6	36.2	9.5	38	<0.1	77.0	21.3	419	2.93	0.8	0.5	179.5	1.2	138	<0.1	<0.1	<0.1	52	0.73	0.105
STD OXC109	Standard	1.5	34.4	11.2	39	<0.1	70.3	19.0	443	2.86	0.9	0.6	207.7	1.4	160	<0.1	<0.1	<0.1	51	0.74	0.105
STD DS10 Expected		14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	2.59	91.9	7.5	67.1	2.48	9.51	11.65	43	1.0355	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	0.2	<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	0.3	<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	0.6	<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
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	0.2	<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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 17, 2013

QUALITY CONTROL REPORT WHI13000478.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD OXC109	Standard	12	55	1.39	57	0.359	1	1.48	0.681	0.41	0.2	<0.01	1.3	<0.1	<0.05	5	1.1	<0.2
STD OXC109	Standard	12	56	1.36	57	0.365	<1	1.52	0.686	0.41	0.2	0.01	1.3	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	12	55	1.30	56	0.382	1	1.49	0.660	0.39	0.1	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	11	61	1.42	55	0.415	1	1.67	0.820	0.36	0.2	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	12	58	1.33	57	0.371	1	1.51	0.704	0.40	0.2	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	11	63	1.43	58	0.380	2	1.61	0.705	0.41	0.1	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	11	59	1.40	56	0.416	1	1.62	0.730	0.43	0.2	<0.01	1.0	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	11	60	1.50	56	0.404	2	1.52	0.641	0.44	0.2	<0.01	0.8	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	60	1.33	58	0.384	<1	1.54	0.657	0.40	0.2	<0.01	1.3	<0.1	<0.05	5	0.5	<0.2
STD DS10 Expected		17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
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
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
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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, 2013
Report Date: October 20, 2013
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI13000479.1

CLIENT JOB INFORMATION

Project: NIN
Shipment ID: NINSOIL13-002
P.O. Number
Number of Samples: 94

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	94	Dry at 60C			WHI
SS80	92	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	94	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 20, 2013

CERTIFICATE OF ANALYSIS WHI13000479.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1337208	Soil		0.6	12.5	10.2	52	0.1	18.4	8.1	208	2.50	6.6	0.9	5.4	3.4	12	<0.1	0.6	0.2	49	0.15	0.034
1337203	Soil		0.5	20.9	9.9	73	<0.1	28.2	12.5	388	3.23	4.9	0.9	1.4	7.1	15	<0.1	0.3	0.2	53	0.20	0.030
1337210	Soil		0.5	13.1	10.1	63	<0.1	22.5	10.6	382	2.89	6.8	0.7	0.9	6.4	11	<0.1	11.1	0.2	44	0.15	0.033
1336287	Soil		0.8	18.0	6.5	62	<0.1	11.3	10.7	435	3.02	4.0	0.8	0.8	5.8	13	<0.1	0.8	<0.1	54	0.30	0.041
1337211	Soil		0.7	13.8	10.5	59	<0.1	20.8	10.0	356	2.86	7.5	0.7	2.1	5.9	13	<0.1	0.7	0.2	49	0.18	0.030
1337206	Soil		0.8	16.7	11.3	64	0.2	22.5	11.0	371	2.83	7.2	1.1	3.9	3.8	18	<0.1	0.3	0.2	56	0.25	0.045
1337220	Soil		1.0	32.2	7.7	62	0.2	23.1	8.9	317	2.37	4.3	0.6	2.8	3.6	11	0.1	0.4	0.1	45	0.15	0.030
1336289	Soil		0.9	11.9	6.2	54	<0.1	11.1	12.8	451	2.94	4.9	0.7	1.8	3.4	14	<0.1	0.3	0.1	58	0.29	0.048
1337199	Soil		0.7	23.8	13.2	74	0.1	29.3	15.1	606	3.43	4.8	1.0	1.1	7.0	19	<0.1	0.3	0.2	54	0.28	0.034
1337207	Soil		0.6	16.2	12.7	61	0.2	22.3	8.6	224	2.57	7.4	1.0	1.3	3.4	18	<0.1	0.8	0.2	55	0.25	0.041
1337215	Soil		0.8	31.1	9.1	73	0.1	28.6	10.9	350	2.89	5.5	0.9	4.1	5.5	14	0.1	0.4	0.1	52	0.21	0.038
1336271	Soil		0.7	17.5	6.8	99	<0.1	11.8	9.0	466	2.69	5.6	0.5	<0.5	4.1	9	<0.1	0.3	0.1	52	0.19	0.019
1337202	Soil		0.6	19.8	10.4	70	<0.1	27.2	12.4	385	3.21	5.1	0.9	1.9	7.7	13	<0.1	0.3	0.2	49	0.19	0.035
1337219	Soil		1.2	35.4	8.4	67	0.2	25.6	9.3	366	2.55	6.5	0.7	7.0	3.8	16	0.1	0.5	0.2	53	0.21	0.039
1337209	Soil		0.6	16.1	10.3	60	0.1	21.0	9.4	278	2.67	7.7	0.8	0.8	3.7	13	<0.1	0.6	0.2	50	0.17	0.037
1337200	Soil		0.7	23.4	9.8	75	<0.1	30.0	13.6	419	3.43	5.8	0.9	0.8	6.8	15	<0.1	0.3	0.2	57	0.23	0.035
1336628	Soil		1.1	18.8	35.4	97	<0.1	44.0	19.6	721	3.53	6.6	0.7	1.4	8.6	16	0.2	1.2	0.3	49	0.39	0.063
1337196	Soil		0.7	22.6	25.9	92	0.2	27.7	14.1	551	3.25	11.5	0.9	2.9	6.6	16	0.2	0.5	0.2	59	0.26	0.039
1337205	Soil		0.9	19.5	11.2	66	0.2	26.0	17.2	932	3.18	5.9	1.2	1.7	4.4	19	<0.1	0.3	0.2	58	0.27	0.053
1337195	Soil		0.7	24.3	23.2	105	0.1	29.8	13.0	468	3.34	7.6	0.8	2.9	6.9	17	0.2	0.5	0.2	59	0.27	0.042
1337193	Soil		0.8	22.8	12.8	68	<0.1	28.4	11.5	316	3.20	6.7	0.8	1.8	4.9	17	<0.1	0.4	0.2	58	0.27	0.043
1337204	Soil		0.6	17.8	13.2	71	<0.1	25.5	12.2	483	3.18	10.6	0.9	1.1	7.9	14	<0.1	0.7	0.2	50	0.23	0.036
1337194	Soil		0.6	34.3	44.9	114	<0.1	37.9	19.5	726	4.02	6.0	1.1	1.8	11.2	11	0.1	0.5	0.2	49	0.15	0.021
1337213	Soil		0.4	35.9	17.9	77	<0.1	29.3	15.0	446	3.41	1.9	0.8	0.6	13.1	7	<0.1	0.3	0.2	32	0.08	0.025
1336630	Soil		1.5	42.3	15.9	101	0.1	42.7	16.1	595	3.86	5.2	0.8	1.1	7.2	15	0.2	0.5	0.2	66	0.35	0.051
1337197	Soil		0.7	22.4	15.4	80	<0.1	28.1	13.7	449	3.45	5.3	0.7	0.9	7.7	14	<0.1	0.2	0.2	56	0.24	0.028
1337212	Soil		0.7	34.0	36.8	109	0.2	38.7	20.5	705	3.56	3.9	0.9	1.6	10.2	11	0.3	0.4	0.2	47	0.20	0.031
1337192	Soil		1.0	25.5	28.0	85	0.4	32.1	13.6	550	3.45	11.4	0.5	1.9	6.0	13	0.4	0.7	0.2	64	0.15	0.028
1336632	Soil		1.8	50.3	66.1	152	0.4	53.1	17.7	845	3.71	21.4	0.7	2.6	5.1	18	0.4	1.1	0.2	76	0.44	0.056
1337216	Soil		1.3	31.1	9.3	65	0.3	24.2	8.5	275	2.56	5.5	0.7	3.2	3.5	12	0.1	0.4	0.1	58	0.18	0.035

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 20, 2013

CERTIFICATE OF ANALYSIS WHI13000479.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1337208	Soil	21	29	0.49	179	0.070	2	1.75	0.009	0.11	0.1	0.04	3.2	0.2	<0.05	6	<0.5	<0.2
1337203	Soil	22	36	0.72	193	0.139	1	1.98	0.009	0.37	<0.1	0.02	4.3	0.3	<0.05	7	<0.5	<0.2
1337210	Soil	22	29	0.55	141	0.106	<1	1.65	0.008	0.37	<0.1	0.02	3.0	0.3	<0.05	5	<0.5	<0.2
1336287	Soil	20	17	0.48	315	0.051	1	1.12	0.008	0.20	<0.1	0.02	6.5	0.1	<0.05	4	<0.5	<0.2
1337211	Soil	20	30	0.48	151	0.075	<1	1.62	0.007	0.16	0.1	0.02	3.1	0.2	<0.05	5	<0.5	<0.2
1337206	Soil	24	34	0.58	217	0.073	1	1.95	0.009	0.14	0.1	0.04	4.0	0.2	<0.05	6	<0.5	<0.2
1337220	Soil	15	26	0.54	307	0.083	1	1.27	0.006	0.24	<0.1	0.02	3.1	0.2	<0.05	4	0.5	<0.2
1336289	Soil	16	20	0.41	365	0.034	1	1.50	0.012	0.11	<0.1	0.04	5.8	0.1	<0.05	5	<0.5	<0.2
1337199	Soil	27	38	0.73	208	0.134	<1	2.17	0.011	0.32	<0.1	0.02	4.2	0.3	<0.05	7	<0.5	<0.2
1337207	Soil	24	34	0.55	199	0.073	1	1.91	0.011	0.15	0.1	0.05	4.2	0.2	<0.05	7	<0.5	<0.2
1337215	Soil	24	33	0.64	257	0.107	<1	1.56	0.008	0.25	<0.1	0.02	3.6	0.2	<0.05	5	0.5	<0.2
1336271	Soil	11	17	0.52	237	0.070	<1	1.34	0.008	0.29	0.1	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
1337202	Soil	26	35	0.63	195	0.132	1	1.78	0.008	0.30	0.1	0.02	3.5	0.3	<0.05	6	<0.5	<0.2
1337219	Soil	16	31	0.52	477	0.080	1	1.42	0.008	0.14	0.1	0.03	4.0	0.2	<0.05	5	<0.5	<0.2
1337209	Soil	20	30	0.53	152	0.082	<1	1.76	0.011	0.19	0.1	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1337200	Soil	24	39	0.75	194	0.136	<1	2.03	0.010	0.33	0.1	0.02	4.3	0.3	<0.05	6	<0.5	<0.2
1336628	Soil	19	46	0.81	228	0.089	1	2.01	0.004	0.33	0.2	<0.01	6.1	0.3	<0.05	6	<0.5	<0.2
1337196	Soil	22	40	0.68	221	0.117	1	2.04	0.010	0.25	0.1	0.02	4.4	0.3	<0.05	6	<0.5	<0.2
1337205	Soil	29	36	0.60	254	0.070	1	2.15	0.010	0.12	0.1	0.05	4.7	0.2	<0.05	7	<0.5	<0.2
1337195	Soil	24	40	0.75	223	0.133	1	2.10	0.010	0.28	0.1	0.02	4.4	0.3	<0.05	6	<0.5	<0.2
1337193	Soil	23	38	0.68	195	0.099	1	1.90	0.010	0.20	0.1	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1337204	Soil	27	34	0.62	183	0.102	<1	1.82	0.009	0.27	0.1	0.02	4.1	0.3	<0.05	6	<0.5	<0.2
1337194	Soil	49	40	0.79	156	0.172	<1	2.19	0.007	0.55	<0.1	0.01	4.9	0.5	<0.05	7	<0.5	<0.2
1337213	Soil	42	32	0.80	214	0.117	<1	2.16	0.005	0.47	<0.1	0.01	2.7	0.4	<0.05	6	<0.5	<0.2
1336630	Soil	24	60	0.80	269	0.055	<1	1.72	0.009	0.15	<0.1	<0.01	6.8	0.2	<0.05	5	0.8	<0.2
1337197	Soil	27	40	0.72	175	0.154	<1	2.10	0.009	0.42	0.1	0.02	3.9	0.4	<0.05	7	<0.5	<0.2
1337212	Soil	49	38	0.78	194	0.122	<1	1.97	0.007	0.39	<0.1	0.02	4.0	0.4	<0.05	7	<0.5	<0.2
1337192	Soil	17	38	0.62	162	0.066	2	2.18	0.007	0.16	0.3	0.04	3.3	0.2	<0.05	6	<0.5	<0.2
1336632	Soil	19	70	0.82	344	0.071	1	1.93	0.010	0.16	0.1	0.04	7.4	0.2	<0.05	6	0.5	<0.2
1337216	Soil	18	35	0.50	344	0.067	<1	1.53	0.008	0.14	0.1	0.02	3.3	0.2	<0.05	5	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 20, 2013

CERTIFICATE OF ANALYSIS WHI13000479.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1337214	Soil	1.1	41.0	25.9	94	0.2	35.3	14.6	500	3.58	4.2	1.1	1.1	7.4	8	0.2	0.3	0.2	52	0.10	0.030
1337198	Soil	0.6	25.7	15.3	84	<0.1	33.9	16.6	606	3.71	4.7	1.0	4.2	8.7	17	0.1	0.3	0.2	57	0.34	0.042
1336647	Soil	0.7	17.4	10.9	69	0.2	34.4	10.8	383	2.50	4.6	0.6	2.4	3.5	22	0.2	0.5	0.1	58	0.52	0.042
1336644	Soil	1.3	30.5	9.5	61	0.2	23.3	9.5	348	2.63	4.4	1.2	1.7	3.2	19	0.1	0.3	0.2	56	0.26	0.045
1336598	Soil	0.5	26.0	16.6	88	<0.1	32.6	16.2	569	4.22	3.2	1.3	0.9	12.0	12	<0.1	0.3	0.2	60	0.29	0.078
1336633	Soil	0.8	56.9	15.8	71	0.3	63.2	15.3	428	2.89	6.3	0.6	2.5	3.1	15	0.2	0.6	0.2	76	0.46	0.029
1336653	Soil	0.9	45.3	34.4	121	0.6	41.7	13.5	394	2.73	6.5	0.8	3.7	3.0	20	0.6	1.0	0.5	59	0.48	0.044
1336651	Rock Pulp	2.4	23.4	2.0	40	0.3	21.5	9.7	316	2.25	4.2	0.2	1.5	0.8	34	0.3	0.3	<0.1	55	0.76	0.055
1336600	Soil	0.9	16.9	13.6	54	<0.1	19.5	8.4	247	2.81	4.6	1.2	4.0	8.0	12	0.1	0.5	0.2	46	0.14	0.035
1336631	Soil	1.4	35.5	27.6	83	0.2	38.8	11.6	465	3.04	13.6	1.0	4.3	4.3	21	0.2	0.8	0.3	61	0.36	0.035
1336646	Soil	0.8	21.0	14.8	73	0.2	26.5	10.2	317	2.77	5.1	2.1	2.5	6.6	34	0.2	0.7	0.3	47	0.63	0.050
1336645	Soil	0.8	17.5	29.8	89	0.3	23.3	10.6	391	2.65	7.5	1.1	4.2	5.6	27	0.3	0.7	0.3	42	0.45	0.046
1336627	Soil	0.9	15.9	12.9	60	<0.1	21.6	9.8	269	3.20	8.1	0.7	<0.5	6.1	14	0.1	0.9	0.2	50	0.14	0.024
1336629	Soil	0.9	45.3	16.4	116	<0.1	41.9	19.8	754	5.20	3.5	0.8	1.4	7.6	21	0.2	0.3	0.3	89	0.45	0.047
1336648	Soil	0.8	27.8	20.6	84	0.2	44.6	12.5	359	2.60	5.2	0.8	4.9	5.0	30	0.3	1.0	0.2	53	0.68	0.046
1336650	Soil	1.2	82.9	185.8	255	2.1	110.5	19.2	1001	3.50	25.6	0.7	11.0	5.5	21	1.3	22.6	1.5	74	0.48	0.063
1336599	Soil	0.7	19.7	16.1	62	<0.1	23.2	9.1	279	2.84	6.4	1.3	4.3	7.3	18	0.2	0.5	0.2	50	0.24	0.040
1336626	Soil	0.5	18.4	23.5	65	<0.1	23.0	10.3	266	3.01	4.3	1.2	1.0	9.1	13	<0.1	0.4	0.2	47	0.16	0.036
1336635	Soil	0.9	43.7	26.3	99	0.2	44.0	11.5	374	2.66	9.1	0.6	3.0	3.1	19	0.2	0.9	0.3	58	0.42	0.039
1336638	Soil	2.5	49.5	27.8	103	0.3	50.9	14.3	469	3.47	6.6	1.2	4.2	6.7	22	0.3	1.8	0.3	48	0.35	0.059
1336641	Soil	0.5	15.1	13.0	64	<0.1	23.8	11.3	277	3.32	5.1	0.7	1.2	7.2	9	<0.1	1.1	0.3	47	0.12	0.037
1336654	Soil	0.8	45.3	39.7	119	0.8	50.0	16.9	556	2.71	7.0	0.8	8.9	2.3	22	0.4	1.1	0.6	65	0.45	0.042
1336366	Soil	2.1	41.8	14.2	81	0.2	98.8	16.2	389	3.50	7.0	0.7	2.6	5.4	14	0.3	0.6	0.3	65	0.12	0.047
1336637	Soil	1.4	56.4	16.1	86	0.2	66.1	15.2	684	2.82	5.0	0.8	5.8	5.8	17	0.3	0.7	0.2	43	0.29	0.046
1336642	Soil	0.7	20.6	15.7	64	0.4	23.2	9.7	316	2.83	4.0	2.0	1.5	6.5	46	0.3	0.7	0.3	38	0.57	0.063
1336652	Soil	1.4	44.9	35.1	124	0.5	52.4	13.5	388	2.78	7.5	0.9	4.9	3.6	19	0.2	1.0	0.6	52	0.35	0.043
1336347	Soil	1.3	40.8	15.2	125	0.2	28.1	10.4	284	2.82	6.0	0.8	<0.5	4.6	20	0.2	0.7	0.3	50	0.36	0.050
1336634	Soil	2.0	57.5	52.5	119	0.4	57.1	14.9	438	3.12	11.9	0.8	4.7	3.6	20	<0.1	1.1	0.3	63	0.40	0.042
1336643	Soil	0.7	17.6	16.1	73	0.3	20.9	9.1	258	2.83	5.3	1.1	2.6	6.6	20	<0.1	0.7	0.3	47	0.23	0.038
1336649	Soil	0.9	30.9	28.3	114	0.3	49.7	14.1	608	2.78	7.8	0.7	3.9	2.4	32	0.5	0.9	0.2	55	0.75	0.048

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 20, 2013

CERTIFICATE OF ANALYSIS WHI13000479.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1337214	Soil	32	35	0.74	176	0.125	<1	1.94	0.006	0.40	<0.1	<0.01	3.2	0.4	<0.05	7	<0.5	<0.2
1337198	Soil	29	43	0.80	199	0.164	<1	2.12	0.013	0.44	0.1	0.01	4.7	0.4	<0.05	7	<0.5	<0.2
1336647	Soil	15	55	0.61	269	0.051	1	1.47	0.012	0.10	0.1	0.03	4.3	0.1	<0.05	6	<0.5	<0.2
1336644	Soil	18	31	0.44	293	0.055	<1	1.75	0.009	0.09	0.1	0.04	4.1	0.2	<0.05	5	1.3	<0.2
1336598	Soil	32	54	0.96	214	0.228	<1	2.19	0.006	0.92	0.2	0.01	6.6	0.4	<0.05	8	<0.5	<0.2
1336633	Soil	15	119	1.07	287	0.069	<1	1.98	0.013	0.05	0.1	0.03	7.1	<0.1	<0.05	6	<0.5	<0.2
1336653	Soil	13	89	0.78	322	0.056	2	1.71	0.010	0.06	0.2	0.05	7.2	0.2	<0.05	5	<0.5	<0.2
1336651	Rock Pulp	4	28	0.72	90	0.100	3	1.30	0.062	0.11	12.6	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
1336600	Soil	33	29	0.47	135	0.120	<1	1.58	0.007	0.38	0.2	0.02	3.3	0.2	<0.05	6	<0.5	<0.2
1336631	Soil	15	61	0.69	318	0.050	<1	1.67	0.010	0.06	0.2	0.03	6.8	0.1	<0.05	5	<0.5	<0.2
1336646	Soil	42	41	0.58	288	0.040	2	1.55	0.012	0.14	0.2	0.04	5.0	0.2	<0.05	5	<0.5	<0.2
1336645	Soil	27	33	0.55	242	0.059	1	1.43	0.009	0.11	0.1	0.05	3.8	0.1	<0.05	5	<0.5	<0.2
1336627	Soil	20	31	0.47	115	0.072	1	1.58	0.007	0.14	0.1	0.02	3.1	0.2	<0.05	5	<0.5	<0.2
1336629	Soil	24	151	2.14	423	0.111	<1	2.54	0.011	0.28	<0.1	0.03	15.5	0.2	<0.05	8	<0.5	<0.2
1336648	Soil	21	66	0.73	294	0.040	2	1.48	0.011	0.07	0.1	0.05	6.2	<0.1	<0.05	5	<0.5	<0.2
1336650	Soil	21	114	1.72	423	0.088	2	2.12	0.007	0.13	0.2	0.06	9.7	0.1	<0.05	7	0.6	<0.2
1336599	Soil	32	35	0.51	174	0.090	<1	1.49	0.008	0.14	0.2	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1336626	Soil	34	35	0.62	174	0.122	1	1.72	0.010	0.38	0.2	0.02	4.4	0.3	<0.05	7	<0.5	<0.2
1336635	Soil	13	86	0.85	258	0.058	<1	1.60	0.010	0.04	0.1	0.02	6.4	<0.1	<0.05	5	<0.5	<0.2
1336638	Soil	25	49	0.48	341	0.021	1	1.17	0.008	0.09	0.1	0.03	8.1	0.1	<0.05	3	<0.5	<0.2
1336641	Soil	24	31	0.58	110	0.122	1	1.76	0.005	0.38	0.2	0.02	3.2	0.3	<0.05	6	<0.5	<0.2
1336654	Soil	12	102	0.85	339	0.044	1	1.74	0.012	0.05	0.1	0.05	8.4	0.2	<0.05	5	<0.5	<0.2
1336366	Soil	18	122	1.08	222	0.078	<1	2.17	0.009	0.14	0.1	0.03	3.9	0.2	<0.05	7	0.7	<0.2
1336637	Soil	21	64	0.80	379	0.046	1	1.35	0.007	0.09	0.1	0.04	6.1	0.1	<0.05	4	<0.5	<0.2
1336642	Soil	67	29	0.48	295	0.070	1	1.81	0.013	0.19	0.2	0.05	4.8	0.2	0.05	6	<0.5	<0.2
1336652	Soil	14	77	0.77	308	0.051	<1	1.61	0.010	0.07	<0.1	0.05	7.4	<0.1	<0.05	5	1.0	<0.2
1336347	Soil	17	40	0.67	217	0.062	<1	1.57	0.010	0.06	0.1	0.04	4.5	<0.1	<0.05	5	<0.5	0.2
1336634	Soil	16	99	0.76	301	0.053	<1	1.71	0.012	0.05	0.1	0.07	9.4	<0.1	<0.05	5	<0.5	<0.2
1336643	Soil	29	33	0.55	176	0.089	<1	1.67	0.009	0.19	0.2	0.05	3.7	0.2	<0.05	5	<0.5	<0.2
1336649	Soil	12	60	0.79	391	0.037	2	1.57	0.011	0.05	0.1	0.04	6.5	<0.1	<0.05	5	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 20, 2013

CERTIFICATE OF ANALYSIS WHI13000479.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1336368	Soil		1.3	30.2	14.5	71	0.3	37.9	11.2	311	2.70	7.7	0.8	1.3	3.4	22	0.3	1.0	0.2	55	0.49	0.036
1336636	Soil		0.9	43.3	31.4	95	0.3	66.5	13.6	658	2.94	8.1	0.9	2.3	3.1	31	0.5	0.9	0.3	57	0.58	0.037
1336639	Soil		1.0	23.3	14.5	67	0.2	28.0	10.7	371	3.01	6.5	1.1	2.3	8.6	21	0.1	0.5	0.2	46	0.32	0.046
1336640	Soil		0.6	16.8	11.5	71	<0.1	26.9	10.3	198	3.45	4.3	0.8	<0.5	8.6	14	0.1	0.5	0.2	41	0.21	0.046
1336363	Soil		0.6	45.0	12.6	86	<0.1	91.7	23.7	1363	2.57	3.2	0.3	2.7	3.3	16	0.7	0.2	0.2	70	0.43	0.027
1336326	Soil		0.9	29.2	16.0	90	0.2	29.3	10.6	313	2.79	9.6	0.9	2.3	6.3	31	0.5	0.9	0.2	48	0.42	0.068
1336370	Soil		0.6	37.3	28.9	58	<0.1	41.2	10.1	241	2.27	5.8	0.4	1.8	1.9	19	<0.1	0.4	0.2	54	0.51	0.023
1336348	Soil		1.3	51.6	16.8	112	0.2	30.2	13.0	393	3.16	6.5	1.1	2.6	6.0	22	0.3	0.8	0.3	51	0.34	0.045
1336325	Soil		1.3	29.0	12.3	80	0.2	27.3	10.6	352	2.72	9.5	0.6	9.3	5.1	32	0.4	0.8	0.2	53	0.60	0.075
1336351	Rock Pulp		3.0	24.8	2.2	39	0.3	21.3	9.8	345	2.25	4.5	0.2	<0.5	0.8	37	0.2	0.2	<0.1	51	0.75	0.052
1336364	Soil		0.7	34.7	46.5	108	0.3	81.7	14.2	421	2.85	12.3	0.8	4.3	3.4	20	0.5	1.0	0.4	61	0.43	0.021
1336371	Soil		0.7	34.9	16.1	69	0.1	43.0	14.6	456	2.52	7.1	0.5	<0.5	1.5	23	0.4	0.4	0.2	58	0.58	0.034
1336345	Soil		0.7	28.7	17.3	81	0.1	32.8	13.4	454	3.82	7.5	1.5	5.0	15.4	12	<0.1	0.9	0.3	46	0.16	0.043
1336346	Soil		0.9	20.8	72.8	74	0.5	21.6	9.3	412	2.78	11.0	0.9	8.0	6.9	20	0.2	1.2	0.2	50	0.26	0.022
1336367	Soil		0.9	46.8	12.7	66	0.5	208.0	22.0	909	2.71	33.1	1.8	7.8	2.3	33	0.2	0.8	0.2	61	0.78	0.071
1336365	Soil		1.1	38.9	12.6	75	0.3	63.3	12.9	387	2.94	8.8	0.8	5.2	4.3	14	0.2	0.6	0.2	74	0.16	0.031
1336327	Soil		0.8	20.7	16.9	71	<0.1	23.5	10.7	354	3.15	6.9	1.1	2.1	8.3	17	0.1	0.5	0.3	54	0.24	0.026
1336328	Soil		0.4	18.2	12.9	56	<0.1	21.1	9.3	347	3.07	3.5	1.0	<0.5	7.4	12	<0.1	0.3	0.2	57	0.12	0.029
1336369	Soil		1.0	60.2	17.4	82	0.3	91.1	21.0	758	3.31	4.3	1.1	3.5	3.2	24	0.4	0.8	0.2	69	0.69	0.054
1336372	Soil		1.0	43.8	16.9	73	0.2	53.2	12.0	429	2.70	7.1	0.6	2.3	2.1	22	0.5	0.8	0.2	64	0.51	0.032
1336354	Soil		0.9	81.4	19.5	59	0.3	97.5	22.6	725	3.21	7.8	0.9	5.4	2.2	25	0.1	1.8	0.2	80	0.91	0.046
1336360	Soil		1.3	48.7	11.4	76	0.1	38.3	11.0	513	2.87	6.9	0.7	2.2	4.4	14	0.2	0.5	0.2	61	0.13	0.030
1336355	Soil		0.4	56.7	9.1	50	0.4	57.4	12.8	531	2.29	5.0	1.4	5.5	1.5	37	0.3	1.0	0.2	51	1.14	0.051
1336352	Soil		1.1	43.8	31.3	98	0.2	53.2	13.4	517	3.10	16.0	0.7	3.2	3.5	21	0.1	1.5	0.3	72	0.46	0.038
1336357	Soil		0.9	50.4	16.4	69	<0.1	131.2	18.6	938	2.91	21.1	0.6	4.5	3.3	12	0.1	2.1	0.2	58	0.19	0.017
1336362	Soil		0.7	62.6	10.2	74	0.1	72.9	18.6	1424	2.18	5.8	0.5	9.6	4.1	13	0.2	0.3	0.2	44	0.26	0.026
1336359	Soil		0.9	21.4	10.4	40	<0.1	30.1	7.1	679	1.84	6.1	0.4	4.3	1.7	13	<0.1	0.9	0.2	48	0.12	0.028
1336356	Soil		1.2	47.4	11.5	78	0.3	803.5	46.6	692	3.51	17.6	1.1	4.1	2.2	31	0.4	5.5	0.2	52	0.92	0.063
1336350	Soil		1.3	38.9	31.2	83	0.4	45.9	12.5	412	2.74	10.9	0.7	3.3	3.2	22	0.2	0.8	0.2	61	0.46	0.035
1336361	Soil		1.1	51.0	13.1	72	<0.1	50.7	17.7	912	3.00	9.5	0.5	6.2	4.6	13	0.1	0.8	0.3	51	0.12	0.025

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 20, 2013

CERTIFICATE OF ANALYSIS WHI13000479.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336368	Soil	15	52	0.51	401	0.036	<1	1.73	0.017	0.05	0.1	0.03	4.5	0.2	<0.05	5	<0.5	<0.2
1336636	Soil	15	97	0.89	402	0.049	<1	1.69	0.011	0.04	0.1	0.07	7.6	<0.1	<0.05	5	0.5	<0.2
1336639	Soil	26	39	0.57	278	0.074	<1	1.57	0.008	0.18	0.1	0.02	5.3	0.2	<0.05	5	<0.5	<0.2
1336640	Soil	33	29	0.66	135	0.127	<1	1.80	0.006	0.43	<0.1	0.02	3.6	0.4	<0.05	6	<0.5	<0.2
1336363	Soil	10	82	2.58	421	0.118	<1	2.72	0.009	0.17	0.1	<0.01	6.0	0.2	<0.05	9	0.8	<0.2
1336326	Soil	23	35	0.61	328	0.075	<1	1.48	0.020	0.10	0.2	0.06	4.7	0.1	<0.05	5	<0.5	<0.2
1336370	Soil	8	82	0.84	179	0.042	<1	1.76	0.011	0.03	0.1	0.04	5.4	<0.1	<0.05	5	<0.5	<0.2
1336348	Soil	21	44	0.84	245	0.057	1	1.71	0.010	0.07	<0.1	0.04	6.5	<0.1	<0.05	5	<0.5	<0.2
1336325	Soil	17	34	0.62	318	0.077	2	1.35	0.023	0.09	0.3	0.04	4.5	<0.1	<0.05	4	0.6	<0.2
1336351	Rock Pulp	4	28	0.77	88	0.088	2	1.39	0.070	0.12	12.9	<0.01	4.4	<0.1	<0.05	5	<0.5	<0.2
1336364	Soil	12	132	1.07	228	0.046	1	2.00	0.017	0.05	0.1	0.03	5.9	<0.1	<0.05	5	1.2	<0.2
1336371	Soil	7	91	0.77	207	0.034	<1	1.74	0.015	0.04	0.1	0.05	6.5	<0.1	<0.05	5	<0.5	<0.2
1336345	Soil	51	41	0.65	165	0.091	3	1.88	0.009	0.32	<0.1	<0.01	4.4	0.3	<0.05	6	0.7	<0.2
1336346	Soil	21	34	0.52	207	0.048	<1	1.42	0.012	0.07	0.1	<0.01	5.3	<0.1	<0.05	4	0.8	<0.2
1336367	Soil	15	198	1.11	572	0.051	3	1.73	0.012	0.05	<0.1	0.04	5.4	0.1	<0.05	5	0.9	<0.2
1336365	Soil	15	68	0.86	422	0.084	2	2.19	0.010	0.12	0.1	0.01	5.1	0.1	<0.05	6	<0.5	<0.2
1336327	Soil	32	40	0.64	175	0.126	2	1.82	0.010	0.23	<0.1	<0.01	4.2	0.2	<0.05	7	<0.5	0.3
1336328	Soil	34	45	0.72	155	0.143	1	1.86	0.012	0.34	0.1	<0.01	4.0	0.2	<0.05	8	<0.5	<0.2
1336369	Soil	18	134	1.10	553	0.035	1	2.12	0.013	0.08	0.1	0.04	9.0	0.1	<0.05	6	<0.5	<0.2
1336372	Soil	10	99	0.82	247	0.050	2	1.72	0.015	0.05	0.1	0.02	6.8	<0.1	<0.05	5	<0.5	<0.2
1336354	Soil	11	169	1.12	324	0.036	1	2.06	0.014	0.06	0.1	0.03	14.0	0.1	<0.05	5	0.7	<0.2
1336360	Soil	15	36	0.66	275	0.052	3	1.70	0.006	0.17	0.2	<0.01	3.7	0.1	<0.05	5	0.5	<0.2
1336355	Soil	11	91	0.74	440	0.036	3	1.65	0.018	0.05	0.1	0.06	7.0	0.1	<0.05	4	0.6	<0.2
1336352	Soil	13	93	1.02	278	0.059	2	2.00	0.017	0.07	0.1	0.02	8.8	0.1	<0.05	6	<0.5	<0.2
1336357	Soil	12	114	0.83	311	0.029	<1	1.58	0.009	0.05	0.7	0.02	5.2	0.1	<0.05	5	0.7	<0.2
1336362	Soil	16	50	1.18	365	0.069	2	1.79	0.009	0.12	0.1	0.03	5.6	0.1	<0.05	6	<0.5	<0.2
1336359	Soil	12	35	0.34	252	0.041	<1	0.97	0.011	0.08	0.4	<0.01	2.5	<0.1	<0.05	5	0.5	0.3
1336356	Soil	13	415	1.57	381	0.026	3	1.51	0.014	0.05	0.2	0.03	8.7	0.1	<0.05	4	1.7	<0.2
1336350	Soil	13	78	0.77	273	0.049	2	1.95	0.015	0.06	0.1	0.01	6.6	<0.1	<0.05	6	<0.5	0.4
1336361	Soil	16	43	0.54	245	0.036	<1	1.55	0.007	0.11	0.3	0.01	4.3	<0.1	<0.05	5	<0.5	0.4

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 20, 2013

CERTIFICATE OF ANALYSIS WHI13000479.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1336353	Soil	0.9	60.9	26.3	76	0.1	68.0	17.2	547	3.10	9.2	0.7	5.2	3.5	17	<0.1	0.9	0.3	70	0.46	0.030
1336358	Soil	1.0	33.1	12.5	59	0.1	44.5	11.9	753	2.59	11.3	0.6	6.7	3.3	13	0.1	1.0	0.2	57	0.14	0.025
1336349	Soil	1.2	36.9	22.7	109	0.2	19.9	11.3	563	3.63	7.4	0.8	<0.5	4.1	16	0.3	0.6	0.3	55	0.44	0.073
1336324	Soil	0.8	31.0	12.9	82	0.2	31.1	11.0	378	2.60	9.1	0.5	8.0	5.1	33	0.2	0.8	0.2	55	0.66	0.078

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 20, 2013

CERTIFICATE OF ANALYSIS WHI13000479.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1336353	Soil	12	128	0.97	192	0.055	2	1.78	0.017	0.06	<0.1	0.02	8.5	<0.1	<0.05	4	<0.5	<0.2
1336358	Soil	14	50	0.49	326	0.032	2	1.62	0.010	0.08	0.3	0.02	4.1	0.1	<0.05	5	1.6	<0.2
1336349	Soil	15	33	1.06	215	0.082	1	1.73	0.011	0.21	0.1	<0.01	8.4	0.1	<0.05	5	<0.5	<0.2
1336324	Soil	18	32	0.63	347	0.078	3	1.33	0.029	0.10	0.3	0.03	4.3	<0.1	<0.05	4	0.8	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 20, 2013

QUALITY CONTROL REPORT WHI13000479.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																					
1337195	Soil	0.7	24.3	23.2	105	0.1	29.8	13.0	468	3.34	7.6	0.8	2.9	6.9	17	0.2	0.5	0.2	59	0.27	0.042
REP 1337195	QC	0.7	24.3	23.4	108	<0.1	30.6	13.1	466	3.30	7.6	0.8	2.3	6.5	16	0.2	0.5	0.2	58	0.28	0.042
1336642	Soil	0.7	20.6	15.7	64	0.4	23.2	9.7	316	2.83	4.0	2.0	1.5	6.5	46	0.3	0.7	0.3	38	0.57	0.063
REP 1336642	QC	0.8	18.3	15.7	65	0.4	21.7	8.8	309	2.54	4.0	1.9	1.4	6.2	44	0.1	0.6	0.2	38	0.56	0.057
1336360	Soil	1.3	48.7	11.4	76	0.1	38.3	11.0	513	2.87	6.9	0.7	2.2	4.4	14	0.2	0.5	0.2	61	0.13	0.030
REP 1336360	QC	1.4	48.6	11.5	74	<0.1	36.8	10.8	519	2.77	7.5	0.7	4.6	4.1	13	0.3	0.5	0.2	57	0.12	0.027
Reference Materials																					
STD DS10	Standard	15.6	138.8	152.5	341	2.0	77.2	13.8	893	2.75	43.8	2.2	92.5	6.2	55	2.2	8.1	9.6	50	1.06	0.067
STD DS10	Standard	14.6	145.8	145.7	350	2.1	71.9	12.5	782	2.73	42.4	2.5	76.0	7.3	64	2.4	9.7	11.1	42	1.05	0.068
STD DS10	Standard	15.4	155.4	155.7	357	2.1	75.0	13.2	950	2.73	46.2	2.7	81.6	7.7	71	2.9	10.0	12.4	46	1.08	0.072
STD OXC109	Standard	1.4	31.7	8.6	39	<0.1	74.6	20.5	410	2.89	<0.5	0.4	208.9	1.2	140	<0.1	<0.1	<0.1	56	0.73	0.100
STD OXC109	Standard	1.5	34.0	10.2	39	<0.1	68.7	19.1	354	2.87	0.7	0.6	205.1	1.4	138	<0.1	<0.1	<0.1	48	0.70	0.104
STD OXC109	Standard	1.4	34.5	11.4	40	<0.1	76.6	18.5	438	2.82	0.8	0.6	218.0	1.4	148	0.1	<0.1	<0.1	48	0.71	0.107
STD DS10 Expected		14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	2.59	91.9	7.5	67.1	2.48	9.51	11.65	43	1.0355	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	4	<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	0.2	<0.1	<1	<0.01	0.6	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 20, 2013

QUALITY CONTROL REPORT WHI13000479.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																		
1337195	Soil	24	40	0.75	223	0.133	1	2.10	0.010	0.28	0.1	0.02	4.4	0.3	<0.05	6	<0.5	<0.2
REP 1337195	QC	24	40	0.77	218	0.134	<1	2.05	0.011	0.30	0.1	0.01	4.3	0.3	<0.05	6	<0.5	<0.2
1336642	Soil	67	29	0.48	295	0.070	1	1.81	0.013	0.19	0.2	0.05	4.8	0.2	0.05	6	<0.5	<0.2
REP 1336642	QC	61	28	0.47	284	0.068	1	1.76	0.013	0.18	0.1	0.06	4.6	0.2	0.06	5	<0.5	<0.2
1336360	Soil	15	36	0.66	275	0.052	3	1.70	0.006	0.17	0.2	<0.01	3.7	0.1	<0.05	5	0.5	<0.2
REP 1336360	QC	15	35	0.66	259	0.048	1	1.61	0.006	0.16	0.2	<0.01	3.7	0.1	<0.05	5	0.9	<0.2
Reference Materials																		
STD DS10	Standard	16	59	0.79	351	0.075	7	1.07	0.065	0.34	3.0	0.29	2.8	5.0	0.30	5	2.4	5.3
STD DS10	Standard	17	57	0.73	356	0.073	8	0.99	0.057	0.32	3.5	0.28	2.9	5.3	0.29	4	1.3	5.8
STD DS10	Standard	18	56	0.80	377	0.082	6	1.10	0.075	0.33	3.5	0.29	2.8	5.2	0.26	4	2.7	5.0
STD OXC109	Standard	11	63	1.51	55	0.397	2	1.55	0.677	0.42	0.2	<0.01	1.0	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	12	60	1.54	56	0.386	1	1.48	0.634	0.40	0.2	0.01	1.1	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	13	58	1.40	56	0.386	4	1.52	0.667	0.38	0.2	<0.01	1.3	<0.1	<0.05	6	1.4	<0.2
STD DS10 Expected		17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: October 11, 2013
Report Date: October 31, 2013
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI13000515.1

CLIENT JOB INFORMATION

Project: CAL
Shipment ID: CALSOIL13-001
P.O. Number
Number of Samples: 163

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	163	Dry at 60C			WHI
SS80	160	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	163	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: CAL
Report Date: October 31, 2013

CERTIFICATE OF ANALYSIS WHI13000515.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1316574	Soil	1.1	24.9	12.2	62	<0.1	25.0	11.2	349	3.15	8.4	0.8	1.7	5.4	21	<0.1	0.6	0.1	75	0.35	0.036
1316562	Soil	1.0	19.3	11.0	62	<0.1	19.3	14.5	504	2.84	13.8	0.8	12.0	4.1	20	<0.1	0.6	0.1	61	0.40	0.048
1316572	Soil	0.9	25.2	10.7	70	<0.1	28.1	14.7	452	3.79	7.8	0.5	3.7	3.8	21	0.1	1.1	0.1	91	0.37	0.032
1316573	Soil	1.3	20.7	10.8	66	0.2	23.0	13.8	529	3.33	6.4	0.6	2.4	3.7	21	<0.1	1.0	0.1	82	0.36	0.032
1316575	Soil	1.4	16.2	10.3	56	<0.1	23.3	10.3	315	2.95	6.8	0.4	1.9	3.7	20	0.2	0.6	<0.1	77	0.29	0.025
1353056	Soil	2.4	29.7	13.8	94	0.1	32.9	15.1	677	4.08	157.7	1.0	1.5	9.9	18	0.3	1.9	0.2	67	0.33	0.078
1353055	Soil	1.0	24.2	12.3	69	<0.1	23.1	11.4	324	2.95	8.3	1.0	1.3	4.8	23	0.2	0.6	0.1	64	0.37	0.046
1316571	Soil	1.2	20.2	8.9	64	<0.1	23.3	14.9	616	3.44	6.4	0.4	2.1	3.0	14	<0.1	1.4	0.1	87	0.17	0.024
1316559	Soil	1.0	20.2	10.2	66	0.3	20.5	12.8	597	2.62	13.3	0.7	3.9	3.3	23	0.2	0.5	0.2	61	0.46	0.050
1353057	Soil	0.8	17.8	9.8	58	0.2	18.7	10.2	290	2.55	10.4	0.8	1.9	3.4	23	0.1	0.6	0.1	58	0.37	0.050
1316570	Soil	1.2	28.8	11.2	62	0.3	24.4	13.8	470	3.27	6.1	0.9	2.4	4.1	22	0.2	1.5	0.1	76	0.43	0.048
1353054	Soil	0.8	22.0	10.6	62	<0.1	19.7	9.7	292	2.74	7.9	0.7	3.7	4.2	19	<0.1	0.7	0.1	61	0.33	0.041
1393448	Soil	0.8	33.2	34.2	102	0.5	36.1	17.3	570	3.69	173.5	0.5	38.7	4.5	22	0.2	4.0	0.2	81	0.36	0.017
1353053	Soil	1.3	25.5	13.3	67	0.2	25.0	11.2	330	3.03	8.4	0.8	5.2	3.9	22	<0.1	1.1	0.1	70	0.37	0.037
1393449	Soil	1.5	23.6	11.5	77	<0.1	23.9	12.5	442	3.18	22.2	1.3	1.5	12.0	17	<0.1	1.0	0.1	49	0.34	0.089
1353052	Soil	2.0	24.7	12.6	69	0.2	23.3	12.0	458	2.95	7.5	0.8	3.2	3.7	22	0.2	0.9	0.1	67	0.51	0.040
1316560	Soil	1.0	22.6	11.0	63	0.3	20.8	9.6	245	2.76	20.0	1.0	3.7	3.9	21	0.2	0.7	0.2	60	0.51	0.043
1316566	Soil	0.7	20.6	13.5	59	<0.1	22.6	12.0	371	2.84	7.5	0.7	4.2	4.3	20	<0.1	1.0	0.1	64	0.34	0.035
1316563	Soil	0.7	20.2	10.6	65	0.2	21.1	9.8	257	2.75	6.4	0.9	1.1	3.0	21	0.1	0.6	0.1	61	0.39	0.039
1316554	Soil	0.7	77.0	227.2	247	1.2	50.7	22.3	1065	4.76	557.2	0.7	64.0	5.7	13	0.9	13.1	0.2	105	0.45	0.044
1316558	Soil	1.0	48.1	171.6	274	1.1	31.6	16.3	636	3.40	253.0	1.3	25.9	4.7	28	1.8	5.7	0.5	64	0.96	0.061
1316567	Soil	1.0	29.2	17.2	67	0.2	30.0	13.7	423	3.37	8.3	0.8	0.8	3.7	24	<0.1	1.8	0.1	74	0.43	0.034
1316564	Soil	1.1	17.5	12.3	64	0.1	21.7	9.6	262	2.78	8.3	0.7	1.7	3.4	18	0.1	0.5	0.1	63	0.32	0.033
1316555	Soil	0.8	40.3	157.1	230	0.9	32.1	15.0	534	3.57	237.4	0.7	41.4	4.5	16	0.7	6.7	0.2	79	0.40	0.027
1393447	Soil	0.8	40.0	10.0	74	0.1	58.6	12.4	419	2.93	7.4	1.0	7.1	6.0	27	0.2	0.6	0.2	58	0.43	0.053
1316569	Soil	0.9	23.1	10.5	54	<0.1	23.4	10.3	324	2.87	8.0	0.8	3.9	4.4	21	0.1	1.0	0.1	63	0.34	0.029
1316565	Soil	0.7	24.2	13.0	70	0.1	23.9	11.9	330	3.19	7.6	0.8	2.3	3.7	21	0.1	0.7	0.1	69	0.36	0.035
1316552	Soil	1.0	11.8	55.4	153	0.6	13.8	7.2	537	2.57	62.5	0.3	1.8	2.3	14	1.1	2.3	0.2	64	0.17	0.018
1316557	Soil	1.0	45.6	98.8	242	1.0	35.3	13.4	615	3.00	146.1	1.3	20.6	4.2	22	1.4	4.0	0.3	59	0.87	0.054
1316561	Soil	0.8	16.8	10.9	59	0.1	19.3	12.0	418	2.71	18.7	0.8	2.4	4.0	19	0.1	0.8	0.1	57	0.39	0.043

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: CAL
Report Date: October 31, 2013

CERTIFICATE OF ANALYSIS WHI13000515.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1316574	Soil	16	63	0.89	636	0.129	1	1.91	0.011	0.10	0.2	0.06	4.4	0.1	<0.05	5	<0.5	<0.2
1316562	Soil	14	50	0.75	287	0.103	1	1.64	0.012	0.12	0.4	0.12	4.5	0.1	<0.05	5	<0.5	<0.2
1316572	Soil	11	80	1.30	435	0.179	<1	2.35	0.011	0.23	0.2	0.16	4.4	0.2	<0.05	6	<0.5	<0.2
1316573	Soil	10	68	1.04	514	0.142	1	1.92	0.013	0.21	0.1	0.16	4.6	0.1	<0.05	6	<0.5	<0.2
1316575	Soil	10	62	0.96	483	0.160	<1	1.72	0.011	0.16	0.2	0.04	3.4	0.1	<0.05	6	<0.5	<0.2
1353056	Soil	30	56	0.75	332	0.127	<1	1.62	0.011	0.43	0.4	0.06	6.7	0.2	<0.05	5	<0.5	<0.2
1353055	Soil	16	53	0.79	317	0.114	1	1.70	0.014	0.10	0.3	0.18	5.6	<0.1	<0.05	5	<0.5	<0.2
1316571	Soil	8	71	1.03	264	0.166	1	2.02	0.012	0.16	0.2	0.09	3.8	0.1	<0.05	7	<0.5	<0.2
1316559	Soil	13	47	0.73	380	0.086	1	1.55	0.014	0.12	0.2	0.10	5.1	0.1	<0.05	5	<0.5	<0.2
1353057	Soil	15	39	0.63	318	0.082	1	1.58	0.014	0.08	0.3	0.09	4.4	<0.1	<0.05	4	<0.5	<0.2
1316570	Soil	12	66	1.05	714	0.124	<1	2.01	0.011	0.17	0.2	0.23	6.4	0.1	<0.05	5	<0.5	<0.2
1353054	Soil	14	48	0.73	312	0.108	<1	1.53	0.011	0.08	0.2	0.06	4.3	<0.1	<0.05	5	<0.5	<0.2
1393448	Soil	12	91	1.31	432	0.150	<1	2.55	0.013	0.24	0.1	0.02	6.6	0.2	<0.05	6	<0.5	<0.2
1353053	Soil	13	58	0.87	376	0.115	<1	1.94	0.012	0.11	0.2	0.10	5.0	0.1	<0.05	5	<0.5	<0.2
1393449	Soil	35	37	0.62	285	0.095	<1	1.33	0.010	0.30	0.2	0.14	4.6	0.2	<0.05	4	<0.5	<0.2
1353052	Soil	12	60	0.87	483	0.118	1	1.80	0.011	0.14	0.3	0.10	4.8	0.1	<0.05	5	<0.5	<0.2
1316560	Soil	18	53	0.76	381	0.091	<1	1.76	0.012	0.14	0.2	0.14	5.8	0.1	<0.05	5	<0.5	<0.2
1316566	Soil	12	56	0.87	390	0.120	1	1.70	0.012	0.09	0.2	0.07	4.8	<0.1	<0.05	5	<0.5	<0.2
1316563	Soil	13	53	0.80	343	0.102	1	1.85	0.012	0.10	0.3	0.18	5.0	0.1	<0.05	5	<0.5	<0.2
1316554	Soil	9	164	2.29	449	0.203	<1	3.05	0.009	0.75	0.4	0.03	10.7	0.3	<0.05	8	<0.5	<0.2
1316558	Soil	16	66	1.01	389	0.098	2	1.94	0.018	0.21	0.2	0.04	6.7	0.1	<0.05	5	<0.5	<0.2
1316567	Soil	11	73	1.04	449	0.148	<1	2.27	0.013	0.13	0.2	0.09	5.2	0.1	<0.05	6	<0.5	<0.2
1316564	Soil	11	50	0.78	283	0.109	<1	1.84	0.013	0.08	0.2	0.09	4.3	<0.1	<0.05	5	<0.5	<0.2
1316555	Soil	11	99	1.38	336	0.146	<1	2.30	0.011	0.36	0.2	0.04	7.2	0.2	<0.05	6	<0.5	<0.2
1393447	Soil	20	63	0.84	410	0.099	1	1.78	0.017	0.14	0.1	0.04	5.9	0.1	<0.05	5	<0.5	<0.2
1316569	Soil	14	52	0.81	822	0.108	<1	1.64	0.012	0.07	0.2	0.09	5.2	<0.1	<0.05	5	<0.5	<0.2
1316565	Soil	12	62	0.94	346	0.123	<1	2.05	0.012	0.11	0.2	0.10	5.2	<0.1	<0.05	6	<0.5	<0.2
1316552	Soil	9	33	0.50	160	0.081	<1	1.24	0.009	0.12	0.1	0.02	2.6	<0.1	<0.05	6	<0.5	<0.2
1316557	Soil	16	64	0.95	462	0.093	<1	1.94	0.017	0.23	0.2	0.05	6.9	0.2	<0.05	5	<0.5	<0.2
1316561	Soil	15	45	0.67	302	0.090	<1	1.58	0.013	0.10	0.3	0.15	4.7	<0.1	<0.05	5	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: CAL
Report Date: October 31, 2013

CERTIFICATE OF ANALYSIS WHI13000515.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1316568	Soil	1.4	25.4	16.7	62	0.4	26.7	14.2	645	3.25	6.5	1.0	2.8	2.8	28	<0.1	1.0	0.2	72	0.59	0.047
1316553	Soil	1.5	42.4	159.1	279	0.6	39.9	19.8	498	4.22	326.6	0.6	6.7	3.8	11	1.2	12.7	0.3	90	0.24	0.036
1307413	Soil	0.6	33.4	14.2	87	0.8	23.7	12.2	570	2.95	17.3	0.9	5.4	1.9	32	0.6	0.7	0.2	62	1.20	0.056
1307411	Soil	0.6	26.1	11.7	70	0.5	30.1	14.5	557	3.70	26.0	0.6	3.9	3.7	18	0.2	0.8	0.1	82	0.50	0.032
1307410	Soil	0.9	30.6	25.1	74	0.3	37.8	19.8	898	4.33	92.8	0.9	9.6	5.7	13	0.1	1.7	<0.1	78	0.43	0.045
1316556	Soil	0.7	46.3	102.0	181	0.7	31.4	13.8	573	3.26	169.7	0.6	25.5	4.1	18	0.6	4.0	0.2	67	0.55	0.046
1307416	Soil	1.0	24.0	13.0	74	0.6	22.8	11.5	649	3.36	8.6	0.6	<0.5	2.6	21	0.2	0.8	0.3	80	0.43	0.027
1316551	Rock Pulp	2.2	24.7	2.4	44	0.3	23.6	9.5	383	2.63	4.1	0.2	<0.5	0.9	39	0.2	0.3	0.1	63	0.81	0.059
1307409	Soil	1.0	48.1	41.2	96	1.2	31.4	16.8	927	4.06	185.1	0.9	16.5	4.0	26	0.3	2.4	0.2	85	0.71	0.032
1307417	Soil	1.0	40.3	16.7	91	0.7	28.6	15.1	842	3.81	6.2	0.8	1.9	3.6	26	0.5	1.5	0.1	84	0.77	0.039
1330481	Soil	1.4	65.4	47.1	161	1.4	28.3	15.1	999	3.95	168.1	1.1	24.0	3.7	24	0.7	2.5	0.3	74	0.63	0.050
1307408	Soil	0.9	34.5	14.8	60	0.2	24.6	11.1	309	3.21	32.2	0.7	13.5	5.7	16	0.1	0.8	0.1	71	0.19	0.012
1307415	Soil	0.6	24.3	7.7	61	0.3	27.1	14.7	595	3.49	6.1	0.4	<0.5	2.3	18	<0.1	0.3	0.2	89	0.38	0.022
1307418	Soil	0.6	27.2	9.3	70	<0.1	27.3	14.4	477	3.73	5.9	0.4	3.3	3.4	16	0.1	0.4	<0.1	82	0.28	0.034
1330478	Soil	1.0	32.8	12.4	91	0.1	29.8	18.2	1038	4.21	37.4	0.4	0.8	3.7	13	0.2	0.7	<0.1	103	0.25	0.053
1307414	Soil	0.8	20.8	9.3	67	<0.1	28.6	14.6	516	3.77	21.3	0.4	<0.5	3.6	14	<0.1	0.7	0.1	89	0.34	0.028
1307412	Soil	0.7	23.7	14.1	79	0.3	28.8	13.9	501	3.79	42.7	0.4	1.3	3.6	16	0.1	0.9	<0.1	83	0.34	0.033
1307419	Soil	1.1	30.9	13.4	65	0.3	24.4	12.1	375	3.40	8.3	0.7	<0.5	3.5	20	0.2	0.9	0.1	84	0.42	0.039
1307405	Soil	1.0	51.6	32.7	162	0.6	51.1	16.2	1017	3.21	111.0	1.1	14.8	5.7	30	0.9	1.6	0.4	59	0.51	0.051
1330479	Soil	0.8	29.4	11.9	70	0.1	29.5	14.0	476	3.77	40.5	0.6	3.5	4.3	20	<0.1	0.8	0.1	82	0.40	0.033
1307424	Soil	0.7	25.3	11.6	68	0.3	24.0	12.5	499	2.98	7.3	0.6	<0.5	3.0	23	0.4	0.9	0.2	71	0.73	0.046
1307422	Soil	1.1	39.1	17.5	69	0.6	25.8	13.9	616	3.42	11.4	0.9	<0.5	3.0	22	0.3	1.1	0.2	82	0.55	0.044
1307403	Soil	0.7	21.4	11.7	76	<0.1	30.4	13.0	583	3.88	3.7	1.2	<0.5	14.8	14	<0.1	0.1	0.2	49	0.19	0.042
1307407	Soil	0.7	30.2	23.7	90	0.4	28.7	14.3	436	3.50	47.9	0.5	20.9	3.8	18	0.3	0.9	0.2	84	0.27	0.021
1330476	Soil	0.7	41.2	18.6	108	0.4	31.7	15.9	682	4.09	10.6	0.6	3.4	4.3	21	0.3	0.7	0.1	91	0.53	0.055
1307421	Soil	1.2	23.2	15.8	68	<0.1	25.3	10.6	317	3.51	11.4	0.5	1.1	4.1	15	0.2	1.4	0.2	81	0.23	0.019
1399600	Soil	0.5	29.6	12.7	79	<0.1	43.6	14.8	429	3.12	1.7	1.6	<0.5	16.6	27	<0.1	0.1	0.2	41	0.48	0.101
1330477	Soil	0.7	29.0	16.6	80	0.2	25.6	14.0	628	3.49	27.9	0.6	10.5	4.5	17	0.1	0.9	0.1	79	0.32	0.031
1307420	Soil	1.4	49.1	18.1	98	0.8	27.5	16.1	742	3.65	7.9	1.2	2.8	4.4	19	0.6	1.4	0.2	87	0.46	0.048
1307425	Soil	0.7	29.1	12.8	72	0.4	25.8	13.3	542	3.26	9.2	0.7	3.9	3.2	24	0.2	1.2	0.2	75	0.69	0.049

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: CAL
Report Date: October 31, 2013

CERTIFICATE OF ANALYSIS WHI13000515.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1316568	Soil	10	71	0.93	644	0.116	1	2.33	0.014	0.10	0.2	0.16	6.1	0.1	<0.05	7	<0.5	<0.2
1316553	Soil	8	141	1.76	272	0.135	<1	2.80	0.008	0.45	0.1	0.01	9.1	0.2	<0.05	7	<0.5	<0.2
1307413	Soil	14	67	0.97	364	0.089	2	1.80	0.010	0.16	0.1	0.11	7.4	0.2	<0.05	5	<0.5	<0.2
1307411	Soil	12	89	1.34	334	0.138	<1	2.11	0.010	0.29	0.2	0.03	6.7	0.2	<0.05	6	<0.5	<0.2
1307410	Soil	16	97	1.33	345	0.118	<1	2.01	0.008	0.54	0.1	0.05	10.7	0.2	<0.05	6	<0.5	<0.2
1316556	Soil	12	77	1.25	321	0.135	<1	1.93	0.013	0.41	0.2	0.03	5.9	0.2	<0.05	6	<0.5	<0.2
1307416	Soil	12	58	0.83	376	0.116	1	1.82	0.011	0.18	0.2	0.04	5.7	0.1	<0.05	7	0.6	<0.2
1316551	Rock Pulp	4	29	0.75	94	0.109	3	1.55	0.062	0.12	12.5	<0.01	4.8	<0.1	<0.05	5	1.0	<0.2
1307409	Soil	12	95	1.37	228	0.128	1	2.36	0.012	0.24	0.2	0.04	8.3	0.2	<0.05	7	1.0	<0.2
1307417	Soil	13	86	1.16	427	0.133	2	2.22	0.008	0.39	0.2	0.23	8.6	0.2	<0.05	6	1.0	<0.2
1330481	Soil	15	77	1.11	270	0.087	1	1.98	0.009	0.20	0.2	0.05	10.5	0.2	<0.05	6	1.2	<0.2
1307408	Soil	18	57	0.86	249	0.108	<1	1.95	0.009	0.18	0.1	0.03	5.1	0.1	<0.05	5	<0.5	<0.2
1307415	Soil	7	81	1.30	379	0.195	1	2.23	0.012	0.37	0.1	0.03	3.3	0.2	<0.05	7	0.9	<0.2
1307418	Soil	9	75	1.23	295	0.159	<1	2.18	0.010	0.35	0.2	0.03	5.2	0.2	<0.05	6	0.6	<0.2
1330478	Soil	7	110	1.56	259	0.167	1	2.40	0.009	0.57	0.2	<0.01	7.2	0.2	<0.05	8	<0.5	<0.2
1307414	Soil	9	86	1.38	254	0.158	1	2.19	0.008	0.27	0.2	0.01	5.5	0.2	<0.05	7	<0.5	<0.2
1307412	Soil	10	84	1.35	264	0.157	2	2.17	0.009	0.28	0.2	0.03	5.2	0.1	<0.05	7	<0.5	<0.2
1307419	Soil	11	71	1.00	324	0.105	1	2.15	0.011	0.20	0.2	0.11	7.5	0.1	<0.05	7	0.7	<0.2
1307405	Soil	22	82	1.06	261	0.100	<1	1.82	0.008	0.27	0.2	0.03	6.7	0.2	<0.05	5	0.6	<0.2
1330479	Soil	13	84	1.30	276	0.144	2	2.30	0.011	0.19	0.2	0.03	5.8	0.2	<0.05	7	<0.5	<0.2
1307424	Soil	10	67	1.06	347	0.109	<1	1.74	0.010	0.18	0.2	0.07	6.1	0.1	<0.05	5	<0.5	<0.2
1307422	Soil	14	68	0.95	516	0.095	2	2.06	0.010	0.15	0.2	0.09	7.9	0.1	<0.05	7	<0.5	<0.2
1307403	Soil	35	39	0.64	181	0.189	<1	1.73	0.006	0.71	0.1	<0.01	4.7	0.5	<0.05	6	<0.5	<0.2
1307407	Soil	10	77	1.33	270	0.138	<1	2.26	0.009	0.22	0.2	0.01	4.9	0.2	<0.05	7	0.7	<0.2
1330476	Soil	10	102	1.54	308	0.163	<1	2.39	0.009	0.35	0.2	0.05	7.7	0.2	<0.05	7	0.5	<0.2
1307421	Soil	10	49	0.71	203	0.090	2	2.07	0.010	0.10	0.2	0.03	4.6	0.1	<0.05	6	<0.5	<0.2
1399600	Soil	56	41	0.93	206	0.104	<1	1.77	0.008	0.51	<0.1	<0.01	5.0	0.3	<0.05	6	<0.5	<0.2
1330477	Soil	11	78	1.20	353	0.124	2	2.17	0.010	0.20	0.2	0.04	5.4	0.1	<0.05	6	<0.5	<0.2
1307420	Soil	14	81	1.04	375	0.114	<1	2.30	0.010	0.32	0.2	0.13	10.3	0.2	<0.05	7	<0.5	<0.2
1307425	Soil	11	72	1.13	646	0.118	1	1.96	0.009	0.21	0.2	0.09	6.8	0.2	<0.05	6	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: CAL
Report Date: October 31, 2013

CERTIFICATE OF ANALYSIS WHI13000515.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1307406	Soil	1.5	66.2	88.4	170	3.4	30.9	15.6	704	4.40	344.7	1.0	284.2	3.8	23	0.6	5.2	2.4	90	0.72	0.043
1399598	Soil	0.3	24.6	14.0	79	<0.1	30.1	13.3	416	4.01	2.5	1.1	<0.5	14.4	16	<0.1	0.1	0.2	45	0.21	0.053
1330480	Soil	1.2	46.3	53.6	111	1.1	24.2	13.4	917	3.41	108.4	1.1	19.6	4.1	24	0.7	1.2	0.3	76	0.51	0.033
1307423	Soil	1.0	25.1	12.6	67	0.2	26.1	12.2	478	3.60	11.1	0.6	3.7	5.1	18	0.1	0.8	0.1	80	0.29	0.031
1298434	Soil	0.5	39.1	5.8	72	<0.1	38.0	18.7	585	3.97	4.4	0.3	1.4	3.1	17	<0.1	0.4	<0.1	89	0.52	0.054
1298441	Soil	1.3	22.0	5.1	52	<0.1	45.3	19.1	564	4.41	9.7	1.2	1.1	5.5	21	<0.1	0.5	<0.1	111	0.41	0.022
1298435	Soil	0.9	26.1	13.4	63	0.2	25.2	11.7	370	3.22	7.3	0.8	0.7	3.2	21	0.2	1.1	0.3	83	0.47	0.041
1307404	Soil	0.8	27.5	11.7	63	<0.1	24.4	11.7	543	2.89	2.9	1.6	<0.5	8.7	28	0.1	0.2	0.2	49	0.36	0.047
1298427	Soil	0.8	18.5	9.2	88	<0.1	25.0	13.7	499	3.34	11.4	0.5	<0.5	3.8	17	<0.1	0.9	0.1	78	0.41	0.055
1307401	Rock Pulp	1.4	432.2	22.5	165	0.2	205.0	71.3	814	16.19	3.1	1.2	33.6	7.4	15	0.2	0.3	0.2	224	0.29	0.043
1298429	Soil	0.7	19.1	12.1	57	<0.1	22.2	11.3	304	2.87	5.6	0.7	<0.5	4.1	18	0.1	0.5	<0.1	71	0.32	0.030
1307402	Soil	0.5	38.5	12.2	83	<0.1	30.5	12.3	157	3.04	1.4	1.5	5.2	16.9	13	<0.1	<0.1	0.3	48	0.28	0.059
1298436	Soil	0.8	22.7	9.3	59	<0.1	29.1	15.6	486	3.25	6.4	0.6	4.8	3.5	16	0.1	0.5	0.2	70	0.41	0.036
1298443	Soil	1.3	59.5	5.7	88	<0.1	27.6	15.9	666	3.78	12.1	1.0	1.5	5.2	16	0.2	1.1	<0.1	91	0.27	0.049
1298430	Soil	0.7	32.5	12.8	70	<0.1	30.1	13.7	431	3.33	7.3	0.8	1.0	4.2	19	<0.1	0.9	0.1	75	0.42	0.041
1399599	Soil	1.4	70.8	9.8	121	0.1	103.5	18.5	555	3.61	4.8	1.7	1.0	5.1	28	0.3	0.2	0.2	69	0.67	0.189
1298433	Soil	0.7	31.2	12.0	81	<0.1	31.8	15.6	517	3.37	5.6	0.6	2.1	3.9	19	0.1	0.7	0.1	76	0.42	0.043
1298442	Soil	0.9	34.5	6.8	71	<0.1	27.3	18.1	539	3.64	9.4	0.5	1.1	4.2	11	<0.1	0.5	<0.1	90	0.12	0.021
1298438	Soil	0.7	23.1	8.3	64	<0.1	29.3	13.9	401	3.25	6.9	0.4	<0.5	2.8	14	<0.1	0.5	0.1	79	0.22	0.029
1298439	Soil	0.7	30.0	8.2	65	0.1	33.2	13.9	499	3.47	20.0	0.8	1.3	4.3	17	0.1	1.1	0.1	72	0.37	0.049
1392247	Soil	0.7	74.6	11.0	489	0.1	34.1	17.1	797	4.09	7.8	0.8	<0.5	7.9	18	0.7	0.5	0.2	86	0.46	0.064
1392242	Soil	1.0	56.7	263.1	492	0.6	49.1	20.3	758	4.54	361.4	0.5	39.9	5.0	17	1.6	9.5	0.8	104	0.36	0.026
1298428	Soil	0.8	25.4	11.0	59	0.1	22.2	11.9	393	2.78	8.3	0.9	2.2	3.2	19	0.1	0.6	0.1	64	0.43	0.038
1298440	Soil	0.9	38.8	11.3	81	0.3	27.1	11.7	461	3.12	18.1	1.3	14.7	6.6	21	0.2	1.7	0.2	69	0.57	0.058
1392248	Soil	0.9	29.6	10.0	72	0.1	27.1	11.2	440	2.56	9.5	0.7	4.4	3.6	39	0.3	0.8	0.2	54	0.65	0.071
1392250	Soil	0.9	22.7	7.6	68	0.1	22.1	11.5	419	2.84	8.3	0.8	8.0	3.7	20	0.1	0.7	0.1	63	0.41	0.054
1298437	Soil	0.4	25.8	6.1	59	<0.1	33.1	14.5	438	3.18	5.0	0.6	<0.5	4.3	15	<0.1	0.3	<0.1	78	0.43	0.059
1298432	Soil	0.6	24.4	11.3	61	0.1	30.5	16.4	482	3.20	5.5	0.6	0.8	3.7	17	0.1	0.8	<0.1	69	0.43	0.045
1392243	Soil	0.8	30.6	43.2	154	0.4	35.4	14.2	599	3.42	115.6	0.5	20.7	4.8	19	0.5	2.8	0.6	76	0.50	0.030
1392246	Soil	0.9	22.6	9.2	79	0.2	17.9	7.9	222	2.23	8.7	0.9	5.1	3.0	24	0.1	0.5	0.1	52	0.35	0.043

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: CAL
Report Date: October 31, 2013

CERTIFICATE OF ANALYSIS WHI13000515.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1307406	Soil	13	91	1.33	349	0.128	2	2.33	0.012	0.29	0.3	0.06	8.2	0.2	<0.05	7	<0.5	<0.2
1399598	Soil	55	38	0.78	179	0.213	<1	2.12	0.008	0.74	<0.1	0.01	4.2	0.5	<0.05	7	<0.5	<0.2
1330480	Soil	17	68	1.01	252	0.102	2	1.91	0.014	0.17	0.2	0.04	9.3	0.2	<0.05	6	0.6	<0.2
1307423	Soil	12	57	0.85	272	0.096	2	2.19	0.011	0.10	0.2	0.03	6.1	0.1	<0.05	6	<0.5	<0.2
1298434	Soil	6	124	1.84	346	0.231	<1	2.57	0.009	0.61	0.1	0.02	4.3	0.3	<0.05	7	<0.5	<0.2
1298441	Soil	14	161	1.90	494	0.156	<1	2.91	0.012	0.54	<0.1	0.05	12.7	0.2	<0.05	8	<0.5	<0.2
1298435	Soil	12	69	0.97	399	0.125	2	2.09	0.011	0.15	0.2	0.08	5.6	0.2	<0.05	7	<0.5	<0.2
1307404	Soil	28	30	0.56	210	0.127	2	1.66	0.008	0.44	0.1	0.02	4.3	0.3	<0.05	5	<0.5	<0.2
1298427	Soil	9	85	1.27	360	0.141	<1	2.00	0.010	0.39	0.3	0.44	5.4	0.2	<0.05	6	<0.5	<0.2
1307401	Rock Pulp	19	633	0.13	147	0.167	6	4.16	0.012	0.07	<0.1	0.04	41.2	<0.1	<0.05	20	0.9	<0.2
1298429	Soil	11	62	1.00	272	0.130	1	1.77	0.012	0.10	0.2	0.05	4.3	<0.1	<0.05	5	<0.5	<0.2
1307402	Soil	48	31	0.68	142	0.088	<1	1.70	0.006	0.48	<0.1	0.02	5.2	0.3	<0.05	5	<0.5	<0.2
1298436	Soil	10	83	1.22	290	0.144	1	2.03	0.009	0.16	0.2	0.05	4.4	0.1	<0.05	6	<0.5	<0.2
1298443	Soil	10	113	1.64	653	0.140	<1	2.61	0.008	0.76	0.1	0.06	9.0	0.3	<0.05	8	<0.5	<0.2
1298430	Soil	13	85	1.29	403	0.151	2	2.11	0.010	0.22	0.2	0.10	6.1	0.2	<0.05	6	<0.5	<0.2
1399599	Soil	25	84	0.60	277	0.043	1	1.55	0.006	0.30	<0.1	0.04	7.7	0.2	<0.05	5	0.6	<0.2
1298433	Soil	11	86	1.49	316	0.170	1	2.20	0.012	0.29	0.2	0.08	4.6	0.2	<0.05	6	<0.5	<0.2
1298442	Soil	8	113	1.63	634	0.202	<1	2.73	0.012	0.93	<0.1	0.05	5.5	0.3	<0.05	7	<0.5	<0.2
1298438	Soil	7	91	1.31	208	0.169	1	2.36	0.009	0.31	0.2	0.02	3.5	0.2	<0.05	7	<0.5	<0.2
1298439	Soil	16	82	1.15	522	0.104	<1	2.02	0.010	0.23	0.2	0.06	8.4	0.1	<0.05	6	<0.5	<0.2
1392247	Soil	15	127	1.82	664	0.145	<1	2.62	0.011	1.01	0.2	0.29	9.5	0.3	<0.05	8	<0.5	<0.2
1392242	Soil	8	160	2.33	407	0.193	2	3.07	0.008	0.65	0.6	0.02	8.7	0.3	<0.05	9	<0.5	<0.2
1298428	Soil	12	65	0.91	341	0.115	2	1.79	0.012	0.12	0.2	0.15	5.1	0.1	<0.05	6	<0.5	<0.2
1298440	Soil	25	66	1.07	612	0.082	2	1.81	0.013	0.31	0.3	0.19	11.6	0.2	<0.05	6	<0.5	<0.2
1392248	Soil	14	34	0.65	348	0.074	2	1.46	0.022	0.07	0.2	0.05	4.4	<0.1	<0.05	5	<0.5	<0.2
1392250	Soil	13	61	0.95	409	0.113	<1	1.72	0.011	0.22	0.4	0.15	5.6	0.1	<0.05	6	<0.5	<0.2
1298437	Soil	9	112	1.53	364	0.150	1	2.17	0.010	0.44	0.2	0.08	5.4	0.2	<0.05	7	<0.5	<0.2
1298432	Soil	9	93	1.43	430	0.161	<1	2.05	0.010	0.36	0.2	0.08	5.0	0.1	<0.05	6	<0.5	<0.2
1392243	Soil	15	81	1.28	367	0.127	1	2.14	0.018	0.30	0.2	0.04	8.1	0.2	<0.05	6	<0.5	<0.2
1392246	Soil	13	34	0.54	289	0.062	1	1.46	0.012	0.06	0.2	0.07	4.1	<0.1	<0.05	5	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: CAL
Report Date: October 31, 2013

CERTIFICATE OF ANALYSIS WHI13000515.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1392237	Soil	0.5	54.7	7.8	70	<0.1	162.9	16.5	435	2.78	5.8	0.6	5.8	5.0	16	<0.1	0.3	0.1	56	0.35	0.046
1298426	Soil	0.7	17.1	7.8	55	<0.1	21.2	11.2	364	2.63	6.9	0.6	9.5	3.3	16	<0.1	0.7	<0.1	59	0.37	0.034
1392245	Soil	0.9	26.7	62.7	134	0.4	23.9	11.9	618	2.98	108.3	1.1	11.6	5.8	28	0.4	1.9	0.3	50	0.44	0.040
1392239	Soil	0.8	20.9	42.6	456	0.2	33.3	15.1	715	3.67	83.9	0.4	1.2	3.4	12	1.9	2.4	0.3	92	0.21	0.026
1392240	Soil	0.8	47.4	210.6	933	1.7	47.3	20.6	759	4.35	468.2	0.4	42.8	3.6	13	3.9	10.8	3.9	100	0.24	0.038
1298431	Soil	0.7	28.8	12.1	69	0.1	28.8	15.0	493	3.43	6.6	0.7	3.6	4.5	19	0.1	1.7	0.1	71	0.39	0.041
1298230	Soil	0.4	42.0	18.2	94	<0.1	34.9	14.9	491	4.09	3.7	1.8	1.6	21.6	18	<0.1	0.2	0.3	48	0.38	0.100
1298298	Soil	1.3	60.3	281.6	447	1.6	31.5	13.8	864	3.68	311.2	1.0	53.5	4.3	25	2.0	3.4	2.4	73	0.38	0.036
1298229	Soil	1.9	89.2	8.9	143	<0.1	47.9	15.8	581	3.79	4.1	2.2	1.9	5.1	23	0.2	0.3	0.3	110	0.33	0.056
1392249	Soil	0.9	25.1	9.4	66	0.1	24.8	10.3	491	2.52	9.1	0.7	4.1	2.7	40	0.2	0.7	0.2	51	0.70	0.069
1298226	Soil	1.1	107.9	22.9	601	0.7	41.1	16.1	782	4.51	369.9	0.6	12.6	5.5	17	2.5	6.4	4.6	75	0.25	0.025
1298240	Soil	0.9	22.7	5.2	100	<0.1	31.5	20.3	733	4.54	57.8	0.7	3.4	6.5	12	0.2	0.6	0.1	98	0.23	0.062
1298297	Soil	2.0	48.7	154.9	288	0.5	39.2	20.5	1406	5.04	742.9	1.6	27.2	9.4	14	1.8	5.4	0.5	70	0.30	0.068
1392241	Soil	0.5	61.5	414.7	1587	2.1	49.4	21.4	1043	4.82	689.5	0.5	57.2	5.2	12	7.4	18.0	3.0	96	0.23	0.039
1298233	Soil	1.0	18.7	19.0	58	0.3	23.7	8.7	268	2.59	17.4	0.7	3.9	4.3	17	0.1	0.7	0.3	57	0.18	0.018
1298235	Soil	0.7	39.9	97.7	659	1.0	31.5	13.4	581	3.21	229.0	0.5	37.5	3.7	16	2.1	5.7	1.1	65	0.24	0.027
1298296	Soil	0.7	39.0	28.1	138	0.2	34.2	18.5	923	4.33	249.1	0.8	12.1	5.7	18	0.3	2.0	0.1	84	0.30	0.040
1392244	Soil	1.3	50.8	220.1	368	0.7	33.6	14.7	826	3.89	423.9	0.9	29.2	10.8	17	1.3	9.2	0.4	57	0.41	0.038
1298236	Soil	0.7	38.9	100.7	391	1.1	29.4	12.2	508	3.17	279.5	0.6	37.4	3.9	17	1.3	6.9	1.1	62	0.37	0.037
1298231	Soil	1.8	100.1	6.5	147	<0.1	90.7	29.2	607	5.64	1.8	1.2	1.3	3.2	17	0.3	0.1	0.2	188	0.29	0.092
1298295	Soil	0.6	45.8	15.6	83	0.4	30.9	15.4	428	3.29	13.5	1.0	4.6	3.4	23	0.4	1.1	0.2	73	0.67	0.059
1392238	Soil	1.2	30.9	22.2	135	0.1	25.8	10.2	701	3.35	17.8	0.9	2.8	4.3	11	0.3	1.1	0.2	42	0.27	0.035
1298291	Soil	0.4	38.3	8.6	75	<0.1	35.6	17.7	501	4.15	5.3	0.6	2.4	3.9	15	<0.1	0.6	<0.1	91	0.39	0.029
1298294	Soil	1.2	33.0	13.7	72	0.3	27.9	13.8	403	3.53	14.6	0.8	4.9	3.4	26	0.1	0.9	0.2	76	0.52	0.045
1298228	Soil	0.6	73.8	10.3	82	<0.1	144.9	27.9	1633	2.57	0.9	0.4	9.9	4.7	9	0.1	<0.1	0.2	66	0.34	0.035
1298237	Soil	0.7	50.6	232.6	431	1.3	35.9	16.4	836	3.90	425.0	0.8	38.0	4.7	17	1.9	10.9	1.1	74	0.43	0.045
1298293	Soil	0.6	33.8	9.6	80	<0.1	38.4	21.2	646	3.96	5.0	0.6	2.4	3.6	22	0.1	0.9	<0.1	88	0.45	0.045
1298299	Soil	1.0	40.4	105.4	350	2.8	25.6	9.7	429	3.08	237.1	0.5	25.0	3.5	18	2.0	3.3	2.7	62	0.25	0.024
1298232	Soil	0.4	38.0	12.2	68	0.1	212.7	22.0	1169	2.90	1.7	0.5	1.6	5.8	20	0.3	0.3	0.3	54	0.96	0.048
1298300	Soil	0.7	51.0	35.4	562	1.3	32.8	12.7	593	3.42	273.0	1.1	59.9	5.2	21	1.7	4.5	1.8	68	0.31	0.026

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: CAL
Report Date: October 31, 2013

CERTIFICATE OF ANALYSIS WHI13000515.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1392237	Soil	15	162	1.41	352	0.076	1	1.81	0.008	0.12	<0.1	0.03	6.7	0.1	<0.05	6	<0.5	<0.2
1298426	Soil	10	56	0.88	275	0.107	1	1.55	0.010	0.11	0.2	0.24	4.0	<0.1	<0.05	5	<0.5	<0.2
1392245	Soil	19	42	0.71	352	0.100	1	1.52	0.010	0.27	0.2	0.05	4.4	0.2	<0.05	5	0.5	<0.2
1392239	Soil	5	120	1.67	385	0.157	<1	2.73	0.011	0.58	0.2	0.01	6.8	0.2	<0.05	8	<0.5	<0.2
1392240	Soil	5	173	2.39	393	0.227	<1	3.41	0.010	0.80	0.6	0.02	6.5	0.3	<0.05	9	<0.5	<0.2
1298431	Soil	11	78	1.25	600	0.159	<1	2.07	0.010	0.30	0.2	0.12	5.2	0.2	<0.05	7	<0.5	<0.2
1298230	Soil	60	44	1.20	240	0.196	<1	2.32	0.009	1.10	0.1	0.02	8.1	0.5	<0.05	10	0.6	<0.2
1298298	Soil	16	74	1.13	487	0.089	2	2.00	0.010	0.22	0.2	0.10	6.8	0.1	<0.05	7	<0.5	<0.2
1298229	Soil	20	54	0.99	383	0.062	<1	2.00	0.008	0.10	0.2	0.03	10.4	0.1	<0.05	7	0.8	<0.2
1392249	Soil	13	29	0.54	396	0.065	2	1.38	0.019	0.06	0.3	0.04	4.0	<0.1	<0.05	4	<0.5	<0.2
1298226	Soil	12	110	1.50	276	0.108	<1	2.42	0.006	0.25	0.3	0.02	8.3	0.2	<0.05	7	<0.5	0.2
1298240	Soil	14	129	1.85	350	0.150	1	2.90	0.007	0.86	0.1	0.03	10.5	0.3	<0.05	9	<0.5	<0.2
1298297	Soil	23	85	1.13	542	0.093	1	1.74	0.005	0.66	0.2	0.06	12.5	0.3	<0.05	6	<0.5	<0.2
1392241	Soil	10	164	2.43	325	0.150	<1	3.14	0.007	0.61	0.3	0.03	9.1	0.3	<0.05	9	<0.5	<0.2
1298233	Soil	12	38	0.55	204	0.061	1	1.63	0.009	0.06	0.1	0.03	4.0	<0.1	<0.05	5	<0.5	<0.2
1298235	Soil	11	83	1.35	236	0.116	<1	2.01	0.009	0.18	0.2	0.03	5.4	0.1	<0.05	6	<0.5	<0.2
1298296	Soil	13	111	1.81	615	0.150	<1	2.63	0.006	0.80	0.2	0.07	9.8	0.4	<0.05	8	<0.5	<0.2
1392244	Soil	26	67	0.94	356	0.074	1	1.55	0.008	0.21	0.3	0.06	7.0	0.2	<0.05	5	0.7	<0.2
1298236	Soil	11	76	1.15	269	0.099	1	1.90	0.009	0.11	0.2	0.03	6.0	<0.1	<0.05	6	<0.5	<0.2
1298231	Soil	12	122	2.03	1120	0.219	<1	3.59	0.014	0.92	0.1	0.02	11.9	0.3	<0.05	13	1.6	<0.2
1298295	Soil	15	95	1.22	497	0.129	1	2.39	0.010	0.35	0.2	0.09	8.6	0.2	<0.05	7	<0.5	<0.2
1392238	Soil	15	35	0.81	350	0.044	1	1.48	0.006	0.16	<0.1	0.06	8.1	0.1	<0.05	6	<0.5	<0.2
1298291	Soil	9	123	1.61	495	0.208	<1	3.06	0.010	0.71	<0.1	0.03	6.1	0.2	<0.05	9	<0.5	<0.2
1298294	Soil	11	77	1.00	366	0.134	<1	2.58	0.012	0.23	0.2	0.10	6.3	0.1	<0.05	8	0.5	<0.2
1298228	Soil	18	133	2.14	1082	0.106	<1	2.30	0.007	0.52	<0.1	0.01	9.3	0.3	<0.05	9	<0.5	<0.2
1298237	Soil	12	97	1.50	328	0.133	<1	2.22	0.010	0.32	0.3	0.03	8.1	0.2	<0.05	7	<0.5	<0.2
1298293	Soil	7	117	1.69	346	0.214	<1	2.74	0.012	0.61	0.1	0.09	6.7	0.2	<0.05	9	<0.5	<0.2
1298299	Soil	11	49	0.73	231	0.076	<1	1.77	0.009	0.13	0.2	0.05	4.5	0.1	<0.05	6	0.5	<0.2
1298232	Soil	19	375	2.66	402	0.078	<1	1.98	0.006	0.27	<0.1	0.02	7.6	0.2	<0.05	7	<0.5	<0.2
1298300	Soil	17	68	1.15	322	0.095	1	1.92	0.011	0.11	0.2	0.07	9.2	0.1	<0.05	6	0.8	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: CAL
Report Date: October 31, 2013

CERTIFICATE OF ANALYSIS WHI13000515.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1298292	Soil	0.6	37.6	7.7	73	<0.1	39.7	20.5	559	4.39	5.6	0.5	2.1	4.3	23	<0.1	0.5	0.1	91	0.40	0.029
1298287	Soil	0.9	28.1	9.8	72	0.2	26.3	13.5	554	3.12	6.1	0.7	4.2	2.5	26	0.2	0.5	0.1	69	0.75	0.052
1298239	Soil	1.3	32.9	32.9	270	0.4	43.4	21.9	1204	4.92	267.5	0.9	17.9	7.3	19	1.4	2.1	0.3	94	0.54	0.063
1298227	Soil	0.9	39.1	15.9	86	0.4	48.3	11.9	526	3.13	16.9	1.2	5.4	5.2	23	0.1	1.0	0.3	62	0.38	0.041
1298290	Soil	1.1	33.1	11.8	82	0.4	29.7	15.7	569	4.07	8.8	0.9	1.7	3.1	23	0.3	1.0	0.1	82	0.58	0.058
1298285	Soil	1.0	37.3	12.0	76	0.2	30.0	14.0	490	3.77	7.3	1.0	2.1	3.5	21	0.2	0.9	0.1	80	0.54	0.044
1298238	Soil	0.7	37.0	114.8	387	1.0	33.3	14.2	597	3.55	269.1	0.8	25.6	4.5	20	1.4	6.1	0.8	71	0.42	0.039
1298234	Soil	1.4	62.8	205.5	1576	2.9	37.3	19.1	951	4.38	398.9	0.6	29.0	5.0	11	6.1	11.3	3.2	83	0.13	0.033
1338799	Soil	1.6	64.1	54.5	191	1.3	50.2	25.7	6022	6.12	1193.5	1.0	104.6	7.0	32	1.1	22.1	0.2	80	0.77	0.048
1338753	Soil	0.8	15.9	9.9	59	0.2	16.6	9.2	335	2.33	13.4	0.7	9.1	3.8	20	0.2	0.5	0.1	55	0.35	0.051
1338752	Soil	0.9	37.8	63.8	133	0.5	36.3	15.7	627	3.02	144.0	1.5	16.9	6.5	29	0.6	3.2	0.2	55	0.71	0.069
1298286	Soil	1.1	32.6	9.8	64	0.2	26.8	13.7	547	3.24	5.7	1.0	1.1	3.0	26	0.2	0.6	0.1	69	0.64	0.053
1338787	Soil	1.1	12.7	11.4	64	<0.1	20.3	12.6	569	2.96	33.9	0.6	2.3	6.7	13	<0.1	0.9	0.1	54	0.15	0.020
1338751	Rock Pulp	1.1	435.7	22.0	161	0.2	218.5	73.7	813	15.34	2.9	1.2	32.7	7.1	16	0.1	0.3	0.2	204	0.29	0.041
1338798	Soil	0.6	24.6	21.4	67	0.1	43.2	18.1	493	3.80	90.7	0.4	8.7	4.5	18	<0.1	1.8	<0.1	84	0.37	0.033
1298288	Soil	0.6	24.3	6.4	76	<0.1	40.3	18.7	632	3.91	5.3	0.4	1.0	3.0	19	0.1	0.3	<0.1	83	0.55	0.061
1338786	Soil	0.8	38.7	15.3	89	<0.1	30.9	15.1	588	3.27	19.1	0.9	4.0	9.2	21	0.1	0.8	0.1	64	0.37	0.047
1338797	Soil	0.6	24.5	17.8	74	<0.1	41.6	17.6	465	4.03	115.0	0.3	1.1	3.6	11	0.2	2.3	<0.1	106	0.22	0.021
1338800	Soil	0.8	32.8	32.9	93	0.4	49.9	15.7	608	3.32	82.7	1.3	14.7	6.6	28	0.2	1.6	0.2	70	0.84	0.055
1298289	Soil	0.9	25.7	7.5	65	0.2	31.6	14.7	537	3.37	6.7	0.7	1.2	2.9	24	0.2	0.5	<0.1	72	0.70	0.058
1338789	Soil	0.9	21.0	33.1	82	<0.1	19.2	10.6	436	3.04	59.2	1.3	1.9	15.3	7	<0.1	2.1	0.1	27	0.12	0.031
1352624	Soil	0.8	50.6	43.0	103	0.7	34.6	17.0	1090	3.63	254.3	1.2	44.1	27.1	14	0.2	3.2	0.4	25	0.28	0.084
1352625	Soil	1.1	71.2	49.1	153	0.4	35.9	17.1	907	4.19	194.3	1.2	19.4	24.8	13	0.2	3.4	0.4	29	0.23	0.064
1338796	Soil	0.7	43.3	49.3	103	0.2	47.0	19.0	565	3.75	78.4	0.5	21.6	4.8	20	0.1	2.2	0.1	91	0.32	0.029
1338777	Soil	1.2	27.4	14.1	76	0.2	26.4	11.9	392	3.47	17.3	1.2	4.7	11.2	15	<0.1	1.2	0.1	47	0.34	0.051
1338779	Soil	1.2	23.4	14.0	73	0.1	26.3	12.5	556	2.98	15.8	0.8	2.5	6.2	18	0.1	0.8	0.1	61	0.42	0.055
1338790	Soil	0.7	20.6	212.8	78	1.5	47.6	19.9	1149	4.22	133.8	0.7	18.3	5.7	17	0.3	2.4	<0.1	104	0.62	0.053
1338794	Soil	1.1	30.1	61.9	209	0.3	34.7	12.9	576	3.04	69.0	0.8	3.6	4.0	24	0.8	6.1	0.6	65	0.39	0.042
1338780	Soil	1.2	24.9	13.3	70	0.2	23.4	10.8	412	2.92	10.6	1.3	1.0	4.3	26	0.2	1.0	0.2	61	0.56	0.040
1338782	Soil	0.7	19.5	11.7	69	<0.1	25.7	15.4	632	3.33	10.7	0.6	2.1	5.1	17	<0.1	0.8	0.1	72	0.30	0.055

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: CAL
Report Date: October 31, 2013

CERTIFICATE OF ANALYSIS WHI13000515.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1298292	Soil	10	128	1.80	465	0.232	<1	2.90	0.012	0.65	0.1	0.03	7.4	0.2	<0.05	9	<0.5	<0.2
1298287	Soil	12	72	1.07	381	0.126	1	2.02	0.011	0.22	0.2	0.17	6.9	0.2	<0.05	6	0.5	<0.2
1298239	Soil	10	120	1.97	980	0.210	<1	2.85	0.009	1.04	0.2	0.03	9.5	0.4	<0.05	8	<0.5	<0.2
1298227	Soil	21	67	0.90	446	0.061	<1	1.97	0.009	0.09	0.1	0.06	8.6	0.1	<0.05	6	<0.5	<0.2
1298290	Soil	12	92	1.22	419	0.139	1	2.27	0.010	0.41	0.2	0.16	8.0	0.2	<0.05	7	0.5	<0.2
1298285	Soil	16	81	1.20	420	0.114	<1	2.50	0.010	0.17	0.2	0.11	8.6	0.2	<0.05	8	0.6	<0.2
1298238	Soil	14	89	1.25	474	0.107	<1	2.11	0.011	0.15	0.3	0.06	7.6	0.1	<0.05	7	<0.5	<0.2
1298234	Soil	13	97	1.45	194	0.085	<1	3.10	0.006	0.15	0.2	0.05	7.2	0.2	<0.05	8	<0.5	<0.2
1338799	Soil	25	99	1.19	1501	0.048	1	1.53	0.005	0.34	0.3	0.12	22.4	0.2	<0.05	5	<0.5	<0.2
1338753	Soil	16	34	0.59	270	0.077	<1	1.36	0.011	0.09	0.4	0.08	3.7	<0.1	<0.05	4	<0.5	<0.2
1338752	Soil	23	70	1.03	492	0.093	<1	1.66	0.014	0.30	0.3	0.05	7.2	0.2	<0.05	5	<0.5	<0.2
1298286	Soil	16	72	0.97	455	0.109	1	2.10	0.013	0.19	0.2	0.17	8.4	0.2	<0.05	6	<0.5	<0.2
1338787	Soil	23	47	0.74	248	0.107	<1	1.65	0.009	0.35	<0.1	0.02	3.4	0.2	<0.05	5	<0.5	<0.2
1338751	Rock Pulp	18	678	0.12	145	0.167	5	4.18	0.012	0.07	<0.1	0.03	40.4	<0.1	<0.05	20	<0.5	<0.2
1338798	Soil	8	128	1.87	383	0.138	<1	2.50	0.008	0.28	0.2	0.02	7.5	0.2	<0.05	7	<0.5	<0.2
1298288	Soil	5	116	1.88	317	0.229	<1	2.48	0.010	0.67	0.2	0.05	4.1	0.3	<0.05	7	<0.5	<0.2
1338786	Soil	27	54	1.11	310	0.140	1	1.74	0.012	0.38	0.1	0.04	6.5	0.2	<0.05	6	<0.5	<0.2
1338797	Soil	6	162	2.35	544	0.148	<1	2.65	0.006	0.28	0.2	0.01	9.7	0.1	<0.05	9	<0.5	<0.2
1338800	Soil	22	125	1.42	784	0.120	<1	2.09	0.012	0.36	0.1	0.05	8.1	0.2	<0.05	6	<0.5	<0.2
1298289	Soil	12	86	1.30	421	0.150	<1	2.02	0.010	0.31	0.1	0.11	6.5	0.2	<0.05	6	<0.5	<0.2
1338789	Soil	41	24	0.58	341	0.089	<1	1.34	0.005	0.42	<0.1	0.02	3.8	0.3	<0.05	5	<0.5	<0.2
1352624	Soil	75	31	0.42	842	0.027	<1	0.90	0.005	0.28	<0.1	0.05	6.8	0.2	<0.05	3	<0.5	<0.2
1352625	Soil	73	39	0.56	890	0.044	<1	1.05	0.004	0.34	<0.1	0.04	6.5	0.2	<0.05	3	<0.5	<0.2
1338796	Soil	16	121	1.88	451	0.185	<1	2.60	0.008	0.26	0.2	0.02	7.8	0.1	<0.05	7	<0.5	<0.2
1338777	Soil	47	44	0.81	347	0.127	1	1.60	0.008	0.51	<0.1	0.08	4.2	0.3	<0.05	5	<0.5	<0.2
1338779	Soil	20	60	0.94	384	0.123	1	1.67	0.012	0.27	0.2	0.07	5.1	0.2	<0.05	5	<0.5	<0.2
1338790	Soil	12	154	1.94	481	0.167	2	2.52	0.009	0.60	0.2	0.07	13.5	0.2	<0.05	8	<0.5	<0.2
1338794	Soil	13	80	1.09	298	0.080	<1	1.73	0.012	0.11	0.2	0.02	6.0	<0.1	<0.05	6	<0.5	<0.2
1338780	Soil	21	48	0.75	419	0.098	<1	1.85	0.012	0.16	0.2	0.10	5.2	0.1	<0.05	5	<0.5	<0.2
1338782	Soil	12	77	1.30	356	0.125	<1	2.01	0.009	0.29	0.2	0.08	4.8	0.1	<0.05	6	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: CAL
Report Date: October 31, 2013

CERTIFICATE OF ANALYSIS WHI13000515.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1338791	Soil	0.6	26.9	10.2	62	<0.1	47.9	20.3	660	4.51	37.9	0.6	6.6	5.2	19	<0.1	1.0	<0.1	106	0.39	0.029
1338792	Soil	0.7	25.8	22.7	64	0.3	29.9	13.4	447	3.43	60.2	1.0	9.0	5.5	19	0.1	1.1	0.1	73	0.40	0.023
1338778	Soil	1.3	28.7	15.3	77	<0.1	21.9	12.3	354	3.63	7.5	0.9	<0.5	6.9	14	<0.1	0.4	0.1	71	0.30	0.048
1338783	Soil	0.9	17.8	10.8	58	0.1	18.6	9.7	293	2.56	9.3	0.7	<0.5	4.3	21	0.1	0.6	0.1	58	0.32	0.046
1338788	Soil	1.6	36.0	31.8	115	0.1	28.3	16.1	843	4.57	71.6	1.8	7.7	19.5	13	0.1	3.1	0.3	58	0.30	0.065
1338795	Soil	0.7	42.6	262.2	299	0.6	44.7	20.3	787	4.27	353.9	0.9	33.6	5.7	16	1.0	5.9	0.2	106	0.49	0.040
1338781	Soil	1.4	31.3	13.6	76	0.3	24.3	13.1	519	3.40	16.8	1.4	<0.5	6.6	27	0.2	1.5	0.2	66	0.63	0.059
1338784	Soil	1.0	22.3	14.5	74	0.2	20.9	10.3	367	2.79	15.6	0.8	1.1	5.4	22	0.2	0.7	0.1	58	0.35	0.060
1338785	Soil	0.7	37.5	7.6	91	<0.1	32.3	19.0	615	3.99	49.1	0.8	<0.5	6.9	25	0.2	0.7	<0.1	96	0.55	0.084
1338793	Soil	0.9	29.8	61.7	132	0.3	31.6	11.7	423	2.89	62.1	1.1	11.3	4.7	30	0.8	2.4	0.5	59	0.61	0.052
1352623	Soil	0.7	13.8	9.0	71	<0.1	20.3	12.8	449	2.79	5.3	0.5	<0.5	5.0	21	0.1	24.7	<0.1	65	0.44	0.058
1338776	Soil	1.7	37.4	17.1	73	0.4	27.2	13.4	587	3.44	7.1	1.5	1.5	8.1	27	0.2	1.3	0.1	72	0.61	0.054
1352622	Soil	1.1	16.6	14.2	78	<0.1	24.1	15.0	542	3.31	5.7	0.6	<0.5	5.7	22	0.1	29.8	0.1	78	0.45	0.054

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: CAL
Report Date: October 31, 2013

CERTIFICATE OF ANALYSIS WHI13000515.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1338791	Soil	15	152	2.20	505	0.201	<1	2.81	0.010	0.60	0.2	<0.01	10.6	0.3	<0.05	8	<0.5	<0.2
1338792	Soil	16	71	1.11	367	0.120	<1	1.90	0.013	0.26	0.2	0.02	8.2	0.2	<0.05	6	<0.5	<0.2
1338778	Soil	25	50	0.88	350	0.101	<1	1.86	0.011	0.26	0.1	0.03	6.7	0.2	<0.05	5	<0.5	<0.2
1338783	Soil	14	39	0.60	240	0.090	<1	1.47	0.012	0.07	0.2	0.04	4.3	<0.1	<0.05	4	<0.5	<0.2
1338788	Soil	79	40	0.87	515	0.118	<1	1.60	0.007	0.52	0.2	0.07	8.6	0.4	<0.05	5	<0.5	<0.2
1338795	Soil	12	162	2.08	390	0.157	<1	2.79	0.010	0.42	0.2	<0.01	12.6	0.2	<0.05	9	<0.5	<0.2
1338781	Soil	32	47	0.85	432	0.109	2	1.88	0.013	0.25	0.3	0.10	5.5	0.1	<0.05	6	<0.5	<0.2
1338784	Soil	15	46	0.64	292	0.084	<1	1.44	0.014	0.11	0.3	0.10	5.3	<0.1	<0.05	4	<0.5	<0.2
1338785	Soil	7	129	1.84	440	0.190	<1	2.50	0.009	0.87	<0.1	0.02	5.4	0.3	<0.05	8	<0.5	<0.2
1338793	Soil	17	55	0.76	353	0.077	<1	1.58	0.013	0.11	0.1	0.04	5.5	<0.1	<0.05	5	<0.5	<0.2
1352623	Soil	10	61	1.02	424	0.148	<1	1.64	0.011	0.34	0.3	3.81	3.8	0.2	<0.05	5	<0.5	<0.2
1338776	Soil	35	62	0.93	625	0.119	<1	1.99	0.011	0.30	0.1	0.25	7.4	0.2	<0.05	6	<0.5	<0.2
1352622	Soil	12	78	1.29	449	0.175	<1	2.22	0.012	0.43	0.2	1.53	4.7	0.2	<0.05	6	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: CAL
Report Date: October 31, 2013

QUALITY CONTROL REPORT WHI13000515.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																					
1353056	Soil	2.4	29.7	13.8	94	0.1	32.9	15.1	677	4.08	157.7	1.0	1.5	9.9	18	0.3	1.9	0.2	67	0.33	0.078
REP 1353056	QC	2.2	30.9	13.3	96	0.1	33.8	14.9	682	4.10	158.8	1.0	2.5	10.1	18	0.3	2.0	0.2	66	0.33	0.076
1307408	Soil	0.9	34.5	14.8	60	0.2	24.6	11.1	309	3.21	32.2	0.7	13.5	5.7	16	0.1	0.8	0.1	71	0.19	0.012
REP 1307408	QC	0.7	33.1	14.6	62	0.2	24.7	11.5	313	3.31	33.2	0.7	13.7	5.7	15	0.1	0.8	0.1	73	0.20	0.012
1298442	Soil	0.9	34.5	6.8	71	<0.1	27.3	18.1	539	3.64	9.4	0.5	1.1	4.2	11	<0.1	0.5	<0.1	90	0.12	0.021
REP 1298442	QC	0.9	34.6	6.8	72	<0.1	30.5	18.3	545	3.66	9.2	0.5	<0.5	4.3	11	<0.1	0.6	<0.1	94	0.12	0.020
1298294	Soil	1.2	33.0	13.7	72	0.3	27.9	13.8	403	3.53	14.6	0.8	4.9	3.4	26	0.1	0.9	0.2	76	0.52	0.045
REP 1298294	QC	1.2	35.4	14.4	75	0.3	27.7	13.8	408	3.57	14.9	0.8	4.3	3.4	26	0.1	1.1	0.2	77	0.54	0.043
1338782	Soil	0.7	19.5	11.7	69	<0.1	25.7	15.4	632	3.33	10.7	0.6	2.1	5.1	17	<0.1	0.8	0.1	72	0.30	0.055
REP 1338782	QC	0.7	19.5	11.7	69	<0.1	26.2	15.5	636	3.28	11.1	0.6	<0.5	5.3	17	0.1	0.8	<0.1	73	0.30	0.051
Reference Materials																					
STD DS10	Standard	14.5	150.8	151.2	355	1.8	70.1	12.5	882	2.91	44.1	2.6	84.9	7.8	66	2.3	8.7	10.7	51	1.01	0.077
STD DS10	Standard	14.2	145.3	147.1	362	2.1	74.6	12.7	847	2.69	44.9	2.6	84.9	7.5	67	2.3	9.0	11.6	41	1.00	0.075
STD DS10	Standard	14.7	152.9	148.2	359	2.1	73.9	12.6	873	2.70	44.9	2.6	88.0	7.5	67	2.6	8.8	11.3	42	1.00	0.072
STD DS10	Standard	15.3	164.7	160.5	362	2.0	77.7	13.4	900	2.98	46.7	2.8	80.8	7.7	69	2.7	8.9	12.3	46	1.09	0.074
STD DS10	Standard	15.5	160.3	159.2	359	2.0	77.5	13.4	892	2.89	45.3	2.6	75.1	7.7	68	2.4	8.4	12.1	47	1.10	0.075
STD OXC109	Standard	1.3	34.3	11.0	39	<0.1	68.6	18.1	388	3.06	0.6	0.6	219.7	1.5	139	<0.1	<0.1	<0.1	54	0.67	0.105
STD OXC109	Standard	1.5	35.3	10.5	38	<0.1	71.5	19.1	399	2.70	0.8	0.5	214.1	1.3	135	<0.1	<0.1	<0.1	47	0.62	0.097
STD OXC109	Standard	1.6	36.1	10.6	42	<0.1	74.4	19.4	408	2.85	0.7	0.6	215.2	1.4	140	<0.1	<0.1	<0.1	48	0.68	0.106
STD OXC109	Standard	1.4	37.6	11.2	39	<0.1	78.5	20.8	437	3.11	0.8	0.6	225.0	1.6	147	<0.1	<0.1	<0.1	53	0.70	0.104
STD OXC109	Standard	1.6	36.4	10.7	41	<0.1	73.3	19.8	406	3.01	0.7	0.6	217.4	1.5	135	<0.1	<0.1	<0.1	50	0.68	0.104
STD DS10 Expected		14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	2.59	91.9	7.5	67.1	2.48	9.51	11.65	43	1.0355	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
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: CAL
Report Date: October 31, 2013

QUALITY CONTROL REPORT WHI13000515.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																		
1353056	Soil	30	56	0.75	332	0.127	<1	1.62	0.011	0.43	0.4	0.06	6.7	0.2	<0.05	5	<0.5	<0.2
REP 1353056	QC	31	55	0.77	331	0.126	<1	1.60	0.010	0.44	0.4	0.05	7.0	0.2	<0.05	5	<0.5	<0.2
1307408	Soil	18	57	0.86	249	0.108	<1	1.95	0.009	0.18	0.1	0.03	5.1	0.1	<0.05	5	<0.5	<0.2
REP 1307408	QC	18	58	0.88	240	0.108	1	1.95	0.015	0.18	0.1	0.02	4.8	0.1	<0.05	6	<0.5	<0.2
1298442	Soil	8	113	1.63	634	0.202	<1	2.73	0.012	0.93	<0.1	0.05	5.5	0.3	<0.05	7	<0.5	<0.2
REP 1298442	QC	8	121	1.72	608	0.211	<1	2.90	0.009	0.94	<0.1	0.03	5.7	0.4	<0.05	8	<0.5	<0.2
1298294	Soil	11	77	1.00	366	0.134	<1	2.58	0.012	0.23	0.2	0.10	6.3	0.1	<0.05	8	0.5	<0.2
REP 1298294	QC	11	80	0.97	386	0.144	1	2.61	0.013	0.24	0.2	0.12	6.7	0.1	<0.05	8	<0.5	<0.2
1338782	Soil	12	77	1.30	356	0.125	<1	2.01	0.009	0.29	0.2	0.08	4.8	0.1	<0.05	6	<0.5	<0.2
REP 1338782	QC	12	77	1.29	358	0.128	1	1.97	0.009	0.28	0.2	0.08	5.0	0.2	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	18	54	0.72	358	0.081	7	1.03	0.056	0.33	3.2	0.28	3.1	4.9	0.24	4	3.0	5.2
STD DS10	Standard	17	53	0.77	364	0.077	7	1.03	0.068	0.33	3.7	0.29	2.7	5.0	0.25	4	2.0	5.4
STD DS10	Standard	17	55	0.78	354	0.077	7	0.98	0.067	0.34	3.4	0.28	2.9	4.9	0.24	5	2.6	5.4
STD DS10	Standard	18	58	0.78	360	0.082	7	1.06	0.067	0.33	3.1	0.30	3.1	4.8	0.24	4	2.0	4.8
STD DS10	Standard	18	57	0.81	358	0.084	7	1.05	0.069	0.33	3.1	0.29	3.3	4.8	0.25	4	2.3	4.7
STD OXC109	Standard	12	57	1.40	56	0.368	<1	1.46	0.653	0.39	0.2	<0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	57	1.41	54	0.343	1	1.43	0.646	0.39	0.2	<0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	58	1.45	55	0.357	<1	1.47	0.672	0.42	0.2	<0.01	1.5	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	13	63	1.49	59	0.406	<1	1.51	0.668	0.42	0.2	<0.01	1.4	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	59	1.42	55	0.376	<1	1.49	0.648	0.38	0.2	<0.01	1.1	<0.1	<0.05	5	<0.5	<0.2
STD DS10 Expected		17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
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
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: October 18, 2013
Report Date: November 04, 2013
Page: 1 of 9

CERTIFICATE OF ANALYSIS WHI13000529.1

CLIENT JOB INFORMATION

Project: NIN
Shipment ID: FIFSOIL13-001
P.O. Number
Number of Samples: 239

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	238	Dry at 60C			WHI
SS80	234	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	238	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 04, 2013

CERTIFICATE OF ANALYSIS WHI13000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1339194	Soil	0.5	18.0	8.5	71	<0.1	13.7	9.4	340	2.44	9.4	0.7	6.4	2.7	16	<0.1	0.3	0.1	71	0.32	0.038
1339183	Soil	0.6	31.2	4.6	93	<0.1	10.0	14.5	402	3.48	3.6	0.6	29.3	3.0	13	0.1	0.2	<0.1	114	0.43	0.056
1339184	Soil	0.8	19.6	8.1	66	0.1	16.4	11.2	317	2.80	5.5	0.8	3.5	2.6	17	0.1	0.4	0.1	75	0.35	0.039
1339185	Soil	0.7	21.5	7.4	59	<0.1	13.9	9.6	302	2.84	5.2	0.7	4.3	3.3	16	<0.1	0.3	0.1	72	0.37	0.044
1339195	Soil	0.9	16.7	7.7	54	0.1	14.0	10.5	258	2.72	21.5	0.9	5.0	2.5	17	0.1	0.3	0.1	66	0.32	0.043
1298447	Soil	1.0	16.7	7.8	62	<0.1	16.2	11.0	326	3.12	6.0	0.5	15.1	3.0	15	<0.1	0.4	0.1	90	0.34	0.037
1298445	Soil	1.1	25.9	7.3	56	0.1	19.0	10.6	274	3.13	5.5	0.8	4.4	3.6	18	<0.1	0.4	0.1	81	0.38	0.039
1339186	Soil	0.8	22.2	7.2	58	<0.1	14.9	10.2	315	2.80	5.9	0.8	3.4	4.1	16	0.2	0.3	0.1	69	0.36	0.040
1298444	Soil	0.6	28.1	4.5	55	<0.1	21.0	13.4	324	2.94	4.3	0.8	4.4	3.6	14	<0.1	0.3	<0.1	92	0.36	0.039
1298448	Soil	0.8	17.3	7.5	62	<0.1	14.0	9.9	263	2.99	6.7	0.6	4.0	3.5	15	<0.1	0.4	0.1	83	0.38	0.033
1298446	Soil	0.8	25.4	6.6	62	0.1	17.4	9.8	295	2.82	5.4	0.9	3.4	3.3	18	<0.1	0.4	<0.1	73	0.40	0.051
1339192	Soil	0.8	29.7	7.1	76	<0.1	14.0	12.4	364	2.80	6.7	0.6	8.7	2.2	18	0.1	0.5	<0.1	86	0.37	0.050
1298449	Soil	0.8	22.0	6.0	62	<0.1	17.9	11.1	332	3.14	9.3	0.8	3.3	3.8	16	<0.1	0.3	0.1	77	0.37	0.044
1339196	Soil	0.8	16.5	7.2	52	<0.1	13.1	10.4	329	2.87	22.1	0.7	6.5	3.4	15	0.1	0.3	0.1	71	0.34	0.050
1339193	Soil	0.9	24.8	5.2	63	<0.1	11.7	9.9	366	2.93	4.6	0.8	2.0	4.1	14	<0.1	0.2	<0.1	68	0.35	0.054
1339191	Soil	0.8	25.8	7.1	53	<0.1	15.1	12.3	287	2.84	6.0	0.7	2.6	3.3	17	<0.1	0.4	<0.1	80	0.36	0.041
1353085	Soil	0.9	21.9	6.2	57	0.1	12.7	9.4	417	2.58	4.4	0.6	1.0	1.6	15	0.1	0.3	0.1	74	0.37	0.038
1339181	Soil	0.9	19.0	7.6	58	<0.1	14.9	10.4	351	3.15	30.1	0.7	5.0	4.1	14	0.1	0.3	<0.1	78	0.30	0.038
1339178	Soil	1.3	18.5	7.3	58	<0.1	19.2	10.9	327	2.86	27.6	0.8	11.4	3.9	16	<0.1	0.5	0.1	63	0.37	0.047
1339188	Soil	1.1	36.6	9.0	60	0.1	19.7	10.3	292	2.99	10.7	1.1	2.7	3.3	20	<0.1	0.5	0.1	74	0.35	0.046
1353084	Soil	1.0	22.1	8.4	85	0.1	14.4	12.2	451	3.32	10.3	0.7	3.0	2.9	16	0.2	0.3	0.1	86	0.38	0.039
1298450	Soil	0.9	19.4	9.2	66	0.1	14.8	11.8	456	3.01	8.0	0.9	8.2	3.1	14	0.1	0.4	0.1	68	0.29	0.043
1339179	Soil	0.8	23.5	5.3	56	<0.1	13.7	10.2	358	2.97	17.0	0.8	7.6	3.8	14	<0.1	0.4	<0.1	71	0.38	0.043
1339182	Soil	0.8	24.4	7.8	75	0.1	13.8	12.6	402	3.30	7.9	0.8	4.9	3.3	16	0.2	0.3	0.1	90	0.39	0.047
1353083	Soil	0.7	20.6	8.9	89	<0.1	14.2	12.3	504	3.24	4.9	0.7	1.3	3.5	15	0.2	0.3	0.2	83	0.36	0.038
1339190	Soil	1.0	34.5	7.2	53	<0.1	14.4	9.5	286	2.83	6.9	0.9	3.8	4.1	15	0.1	0.4	<0.1	72	0.27	0.036
1339177	Soil	0.8	17.6	7.2	57	0.1	15.2	9.8	329	2.64	29.5	0.8	8.6	2.9	18	0.1	0.4	0.1	63	0.43	0.041
1339176	Soil	0.9	20.5	6.0	59	0.2	13.5	14.4	667	3.19	7.5	0.9	6.5	2.3	16	0.1	0.4	<0.1	77	0.36	0.050
1393450	Soil	0.5	22.9	8.2	85	0.1	16.2	12.5	533	3.23	3.2	1.0	4.0	3.7	18	0.1	0.2	<0.1	67	0.63	0.056
1339180	Soil	0.9	20.7	7.7	57	<0.1	16.0	9.4	325	2.81	18.7	0.9	7.2	3.5	17	0.1	0.4	0.1	69	0.39	0.037

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 04, 2013

CERTIFICATE OF ANALYSIS WHI13000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1339194	Soil	14	26	0.65	324	0.059	1	1.64	0.011	0.10	0.1	0.04	5.6	<0.1	<0.05	5	<0.5	<0.2
1339183	Soil	10	21	1.03	485	0.116	1	1.92	0.017	0.36	0.1	0.01	7.0	0.1	<0.05	7	<0.5	<0.2
1339184	Soil	13	29	0.59	419	0.052	2	1.83	0.012	0.06	0.1	0.03	5.7	<0.1	<0.05	6	<0.5	<0.2
1339185	Soil	13	26	0.64	355	0.067	1	1.73	0.011	0.12	0.1	0.02	5.2	<0.1	<0.05	6	<0.5	<0.2
1339195	Soil	13	25	0.53	312	0.048	1	1.70	0.010	0.05	0.1	0.03	4.7	<0.1	<0.05	5	<0.5	<0.2
1298447	Soil	11	29	0.75	324	0.068	<1	1.97	0.011	0.11	0.1	0.03	5.3	<0.1	<0.05	6	<0.5	<0.2
1298445	Soil	14	34	0.73	454	0.070	1	1.96	0.011	0.06	0.1	0.02	6.9	0.1	<0.05	6	<0.5	<0.2
1339186	Soil	15	29	0.63	343	0.065	<1	1.73	0.012	0.12	0.1	0.03	5.1	<0.1	<0.05	6	<0.5	<0.2
1298444	Soil	16	46	1.17	406	0.115	<1	1.88	0.015	0.23	<0.1	0.02	6.6	0.1	<0.05	6	<0.5	<0.2
1298448	Soil	12	29	0.74	296	0.070	1	1.86	0.011	0.10	0.1	0.03	5.6	<0.1	<0.05	6	<0.5	<0.2
1298446	Soil	15	31	0.62	410	0.061	1	1.62	0.013	0.07	0.1	0.03	6.2	<0.1	<0.05	5	<0.5	<0.2
1339192	Soil	11	25	0.59	314	0.077	<1	1.80	0.014	0.10	0.1	0.04	4.8	<0.1	<0.05	6	<0.5	<0.2
1298449	Soil	15	34	0.82	346	0.065	1	1.92	0.011	0.13	0.1	0.02	6.4	0.1	<0.05	6	<0.5	<0.2
1339196	Soil	13	24	0.55	288	0.054	1	1.58	0.014	0.09	0.2	0.02	5.0	<0.1	<0.05	5	<0.5	<0.2
1339193	Soil	14	23	0.82	338	0.103	1	1.85	0.013	0.31	0.2	0.02	5.0	0.1	<0.05	6	<0.5	<0.2
1339191	Soil	13	28	0.74	302	0.091	<1	1.81	0.014	0.12	0.1	0.02	5.5	<0.1	<0.05	5	<0.5	<0.2
1353085	Soil	11	28	0.51	363	0.047	1	1.49	0.012	0.13	<0.1	0.03	5.7	<0.1	<0.05	6	<0.5	<0.2
1339181	Soil	12	28	0.66	306	0.072	1	1.87	0.011	0.18	0.2	0.03	5.8	<0.1	<0.05	7	<0.5	<0.2
1339178	Soil	14	32	0.54	302	0.053	<1	1.50	0.010	0.07	0.2	0.03	5.5	<0.1	<0.05	5	<0.5	<0.2
1339188	Soil	15	37	0.77	423	0.066	<1	1.97	0.011	0.14	0.1	0.03	6.3	<0.1	<0.05	6	<0.5	<0.2
1353084	Soil	12	29	0.70	377	0.071	<1	1.89	0.013	0.14	0.1	0.03	7.4	0.1	<0.05	6	<0.5	<0.2
1298450	Soil	15	27	0.56	356	0.037	1	1.72	0.011	0.07	0.1	0.04	6.7	<0.1	<0.05	6	<0.5	<0.2
1339179	Soil	13	27	0.66	327	0.076	1	1.74	0.008	0.17	0.1	0.02	6.3	<0.1	<0.05	6	<0.5	<0.2
1339182	Soil	14	26	0.73	397	0.067	<1	1.80	0.012	0.12	0.2	0.03	6.9	<0.1	<0.05	6	<0.5	<0.2
1353083	Soil	13	29	0.71	340	0.073	<1	1.89	0.010	0.13	0.1	0.03	6.8	0.1	<0.05	6	<0.5	<0.2
1339190	Soil	14	29	0.68	252	0.072	<1	1.80	0.010	0.09	0.1	0.03	5.3	<0.1	<0.05	6	<0.5	<0.2
1339177	Soil	14	28	0.48	350	0.046	<1	1.58	0.010	0.06	0.2	0.04	5.6	<0.1	<0.05	5	<0.5	<0.2
1339176	Soil	14	26	0.62	421	0.039	<1	1.64	0.011	0.05	0.1	0.04	8.0	<0.1	<0.05	6	<0.5	<0.2
1393450	Soil	15	31	0.78	532	0.069	<1	1.84	0.009	0.18	0.1	0.05	9.7	0.1	<0.05	6	<0.5	<0.2
1339180	Soil	14	29	0.56	314	0.062	<1	1.62	0.011	0.08	0.1	0.02	5.6	<0.1	<0.05	5	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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: November 04, 2013

CERTIFICATE OF ANALYSIS WHI13000529.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1339189	Soil		0.7	26.3	5.9	50	<0.1	12.9	10.2	327	2.70	6.8	0.6	3.1	3.7	12	0.1	0.4	0.2	67	0.22	0.037
1339187	Soil		0.6	48.2	3.4	56	<0.1	14.4	18.6	382	3.76	5.9	0.4	<0.5	1.6	10	<0.1	0.3	<0.1	130	0.43	0.086
1353089	Soil		0.7	27.2	6.8	61	<0.1	18.2	11.0	282	3.05	10.9	0.9	5.5	3.8	14	<0.1	0.3	0.1	74	0.32	0.038
1353087	Soil		0.9	20.2	7.0	56	<0.1	14.4	10.9	419	3.29	11.9	0.6	2.1	3.7	13	<0.1	0.4	0.1	79	0.28	0.024
1353086	Soil		1.1	26.0	5.4	64	<0.1	16.5	13.1	383	3.41	6.2	0.6	3.3	2.7	13	<0.1	0.3	0.1	101	0.29	0.033
1353079	Soil		0.7	14.4	8.1	60	<0.1	16.9	11.3	458	2.88	4.5	1.0	2.3	4.9	15	0.1	0.2	0.1	58	0.28	0.052
1353090	Soil		0.9	24.9	7.5	67	<0.1	16.8	14.3	553	3.70	18.3	1.0	6.0	4.3	20	<0.1	0.6	0.2	91	0.43	0.044
1353093	Soil		1.0	25.0	9.9	61	0.2	16.9	12.5	412	4.22	57.6	1.6	22.0	4.0	21	0.2	0.6	0.3	79	0.44	0.046
1353081	Soil		0.7	21.4	10.6	76	<0.1	17.5	11.9	473	3.03	4.8	1.0	<0.5	6.4	19	0.1	0.3	0.2	72	0.35	0.046
1353076	Soil		0.6	30.1	9.7	104	0.1	16.2	12.3	589	3.58	3.2	1.2	3.8	5.2	20	0.4	0.4	0.2	73	0.50	0.063
1353091	Soil		1.0	22.6	8.1	62	<0.1	15.8	10.9	318	3.10	28.2	0.8	8.1	4.8	20	0.1	0.6	0.2	68	0.31	0.029
1353092	Soil		0.8	23.7	9.1	62	0.1	14.9	14.8	581	3.74	78.1	1.2	14.6	5.4	20	<0.1	0.7	0.2	70	0.49	0.038
1353078	Soil		0.7	19.0	10.8	66	<0.1	17.7	10.9	502	3.06	5.1	1.3	0.6	7.6	20	0.1	0.4	0.1	67	0.37	0.053
1353077	Soil		0.8	29.6	6.5	78	0.2	14.1	10.7	467	3.38	2.9	1.2	<0.5	3.5	24	0.2	0.3	0.1	86	0.53	0.061
1353088	Soil		0.4	41.0	4.0	89	<0.1	13.7	16.3	666	4.77	6.9	0.4	2.8	3.8	21	<0.1	0.2	0.1	117	0.36	0.047
1353094	Soil		1.1	21.6	8.9	58	<0.1	18.8	13.2	350	3.45	30.3	0.6	4.7	3.5	18	<0.1	0.5	0.2	91	0.29	0.025
1353080	Soil		0.7	15.8	9.0	65	0.1	17.3	10.2	334	2.97	6.3	1.2	1.8	6.3	20	0.1	0.3	0.1	69	0.29	0.048
1353082	Soil		0.6	23.3	9.7	75	<0.1	17.0	14.1	867	3.22	5.3	1.0	1.5	5.1	24	0.2	0.4	0.1	82	0.48	0.050
1339108	Soil		0.9	15.2	8.2	55	0.1	13.0	10.2	408	2.68	74.6	1.2	14.2	4.0	22	0.1	0.9	0.2	59	0.39	0.059
1339112	Soil		0.7	24.5	10.0	56	0.1	20.5	11.2	279	3.01	16.2	1.3	5.7	3.6	28	0.2	0.5	0.1	70	0.47	0.057
1353096	Soil		1.0	22.8	7.2	62	0.1	17.9	10.6	368	3.39	32.7	1.0	10.7	3.9	19	<0.1	0.6	0.2	78	0.41	0.041
1353099	Soil		1.0	18.4	6.1	56	<0.1	14.5	10.9	384	3.08	46.8	0.9	15.7	4.4	16	0.1	0.7	0.2	66	0.34	0.044
1339115	Soil		0.8	17.7	8.8	53	<0.1	14.8	9.3	271	2.79	10.2	0.8	2.4	2.0	21	0.2	0.3	0.2	70	0.25	0.037
1339111	Soil		0.9	20.6	10.0	58	0.1	18.3	13.3	444	3.18	22.5	1.2	5.6	3.7	26	0.1	0.5	0.3	78	0.41	0.050
1353095	Soil		0.9	24.3	7.6	73	<0.1	18.5	10.5	348	3.53	42.1	0.9	16.5	4.5	20	0.1	0.6	0.2	80	0.35	0.044
1353100	Soil		0.8	17.2	7.8	58	0.1	14.8	9.1	359	2.64	32.1	1.0	9.3	3.9	23	<0.1	0.6	0.1	65	0.48	0.046
1339116	Soil		0.8	23.0	6.6	61	<0.1	13.9	9.0	303	3.37	8.3	0.7	2.6	4.5	13	0.1	0.4	0.2	80	0.20	0.027
1339113	Soil		0.8	24.7	10.6	58	0.1	21.0	10.1	321	2.89	12.5	1.2	33.3	3.9	30	0.1	0.6	0.2	67	0.44	0.054
1339109	Soil		0.9	14.4	6.8	54	0.1	12.3	11.5	620	2.82	68.5	0.9	10.5	2.7	26	0.2	0.7	0.1	66	0.59	0.062
1353098	Soil		0.9	28.3	6.9	63	0.1	19.8	12.3	392	3.87	47.5	1.2	10.5	6.2	21	<0.1	0.8	0.2	85	0.47	0.048

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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: November 04, 2013

CERTIFICATE OF ANALYSIS WHI13000529.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1339189	Soil		13	23	0.61	189	0.074	<1	1.58	0.008	0.12	0.1	0.02	4.0	0.1	<0.05	6	<0.5	<0.2
1339187	Soil		6	26	1.07	341	0.128	<1	2.31	0.020	0.40	<0.1	0.01	6.2	0.2	<0.05	7	<0.5	<0.2
1353089	Soil		17	32	0.70	316	0.065	<1	1.80	0.010	0.10	0.1	0.03	7.2	0.1	<0.05	5	<0.5	<0.2
1353087	Soil		13	28	0.63	304	0.055	<1	1.63	0.009	0.12	0.1	0.02	6.5	<0.1	<0.05	5	<0.5	<0.2
1353086	Soil		11	31	0.90	274	0.094	1	1.97	0.013	0.18	0.1	0.02	6.5	<0.1	<0.05	7	<0.5	<0.2
1353079	Soil		21	29	0.72	277	0.088	<1	1.76	0.009	0.12	0.1	0.03	5.1	0.1	<0.05	6	<0.5	<0.2
1353090	Soil		14	29	0.76	400	0.072	1	1.98	0.014	0.18	0.1	0.03	8.4	0.1	<0.05	6	<0.5	<0.2
1353093	Soil		17	30	0.52	499	0.034	1	2.07	0.015	0.11	0.2	0.07	12.0	0.1	<0.05	6	<0.5	<0.2
1353081	Soil		21	34	0.97	326	0.119	2	2.17	0.014	0.17	0.1	0.04	6.9	0.1	<0.05	7	<0.5	<0.2
1353076	Soil		18	31	0.90	614	0.088	2	1.91	0.013	0.26	0.1	0.04	11.9	0.1	<0.05	6	<0.5	<0.2
1353091	Soil		17	28	0.61	315	0.071	1	1.77	0.012	0.10	0.1	0.02	6.2	<0.1	<0.05	6	<0.5	<0.2
1353092	Soil		19	27	0.69	377	0.068	<1	1.79	0.014	0.19	0.2	0.04	7.7	<0.1	<0.05	5	<0.5	<0.2
1353078	Soil		26	33	0.87	318	0.121	1	2.00	0.015	0.23	0.1	0.03	6.2	0.1	<0.05	6	<0.5	<0.2
1353077	Soil		17	28	0.91	597	0.093	<1	2.05	0.017	0.34	0.1	0.05	11.9	0.1	<0.05	7	<0.5	<0.2
1353088	Soil		12	26	1.75	597	0.235	<1	3.15	0.015	0.76	0.1	0.01	6.8	0.2	<0.05	9	<0.5	<0.2
1353094	Soil		11	41	0.64	226	0.065	2	2.16	0.014	0.09	0.1	0.01	6.9	<0.1	<0.05	6	0.5	<0.2
1353080	Soil		24	31	0.76	301	0.102	<1	2.04	0.008	0.10	0.1	0.04	6.0	0.1	<0.05	7	<0.5	<0.2
1353082	Soil		19	32	0.79	368	0.105	1	1.83	0.015	0.16	0.1	0.04	8.5	0.1	<0.05	6	<0.5	<0.2
1339108	Soil		17	23	0.44	344	0.039	<1	1.59	0.014	0.07	0.2	0.05	5.2	<0.1	<0.05	5	<0.5	<0.2
1339112	Soil		16	30	0.57	393	0.078	<1	1.97	0.019	0.07	0.2	0.04	6.0	<0.1	<0.05	6	0.7	<0.2
1353096	Soil		17	31	0.62	406	0.062	<1	1.88	0.014	0.13	0.1	0.03	9.0	<0.1	<0.05	6	<0.5	<0.2
1353099	Soil		15	28	0.54	323	0.065	1	1.43	0.015	0.14	0.1	0.02	7.4	<0.1	<0.05	4	<0.5	<0.2
1339115	Soil		12	27	0.48	237	0.068	<1	1.91	0.020	0.08	0.1	0.03	4.4	<0.1	<0.05	6	<0.5	<0.2
1339111	Soil		15	30	0.55	401	0.065	<1	1.98	0.015	0.06	0.2	0.04	6.4	0.1	<0.05	6	0.6	<0.2
1353095	Soil		15	37	0.72	317	0.068	<1	2.00	0.014	0.16	<0.1	0.02	8.8	<0.1	<0.05	6	<0.5	<0.2
1353100	Soil		15	26	0.52	406	0.071	1	1.72	0.016	0.08	0.2	0.03	6.5	<0.1	<0.05	5	<0.5	<0.2
1339116	Soil		13	32	0.86	235	0.104	<1	2.25	0.015	0.29	0.1	<0.01	6.1	0.1	<0.05	8	<0.5	<0.2
1339113	Soil		17	32	0.54	362	0.078	<1	1.89	0.017	0.06	0.1	0.04	5.9	<0.1	<0.05	6	<0.5	<0.2
1339109	Soil		14	22	0.46	365	0.041	<1	1.44	0.014	0.06	0.1	0.03	5.7	<0.1	<0.05	5	<0.5	<0.2
1353098	Soil		18	33	0.79	427	0.101	<1	2.10	0.017	0.24	<0.1	0.03	11.1	<0.1	<0.05	6	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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: November 04, 2013

CERTIFICATE OF ANALYSIS WHI13000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1339118	Soil	0.6	25.2	6.5	48	<0.1	16.9	8.0	281	2.57	6.8	1.1	3.6	5.2	24	<0.1	0.5	<0.1	64	0.38	0.048
1339114	Soil	1.1	25.3	8.2	65	<0.1	19.5	12.1	352	3.26	10.2	1.1	3.1	4.1	23	0.1	0.6	0.1	78	0.35	0.054
1339110	Soil	0.6	14.5	7.7	53	0.1	12.5	9.7	399	3.01	28.1	1.0	7.6	3.4	22	0.1	0.5	0.1	78	0.50	0.059
1353097	Soil	1.1	27.0	9.9	67	0.1	20.1	11.1	358	3.61	79.1	1.1	30.1	5.6	21	0.1	0.9	0.2	85	0.42	0.041
1316717	Soil	0.9	19.3	8.3	58	0.2	15.8	12.0	670	2.78	43.5	1.3	9.3	2.7	26	0.2	0.8	0.2	62	0.44	0.056
1316718	Soil	0.8	16.2	8.4	56	0.1	14.6	9.8	389	2.64	43.2	1.0	8.7	3.2	27	0.2	0.7	0.1	65	0.52	0.056
1316723	Soil	0.9	19.1	8.0	58	0.2	17.7	10.1	361	2.69	30.1	1.1	10.3	2.7	30	0.1	0.8	0.1	65	0.49	0.050
1339103	Soil	1.0	20.4	8.8	57	0.2	16.4	11.8	592	3.19	67.1	1.3	15.3	3.0	29	0.2	0.7	0.1	72	0.57	0.056
1339125	Soil	0.8	48.2	3.0	57	<0.1	8.0	12.9	409	4.74	3.9	1.5	2.8	6.9	19	0.1	0.3	<0.1	92	0.55	0.112
1332301	Rock Pulp	1.2	444.5	22.3	162	0.2	221.7	77.2	850	15.88	3.0	1.2	30.7	7.3	15	<0.1	0.2	0.1	220	0.30	0.045
1316721	Soil	0.8	20.6	8.5	57	0.1	15.4	11.2	428	2.85	31.5	1.2	17.2	4.2	24	<0.1	0.7	0.1	66	0.38	0.048
1339105	Soil	0.6	15.2	8.1	57	0.1	13.3	8.4	302	2.63	40.3	0.8	10.2	3.4	22	<0.1	0.6	0.1	62	0.38	0.045
1339123	Soil	0.3	16.6	3.0	52	<0.1	15.2	10.2	239	3.05	1.1	0.7	<0.5	6.5	14	<0.1	0.1	<0.1	65	0.58	0.167
1316716	Soil	0.7	15.1	8.5	58	0.1	13.8	12.1	508	2.54	35.5	0.9	12.4	2.4	25	0.2	0.7	0.2	57	0.45	0.056
1316720	Soil	1.1	15.3	8.2	62	0.1	11.9	12.1	531	3.16	53.4	0.8	12.0	4.2	21	<0.1	0.8	0.2	76	0.40	0.057
1339104	Soil	0.9	22.0	8.5	52	0.1	16.7	11.8	563	2.89	50.1	1.1	7.9	2.6	23	0.2	0.6	0.2	72	0.40	0.052
1339124	Soil	1.0	42.1	4.1	47	0.1	9.4	10.9	362	3.92	5.1	1.7	1.0	2.2	19	<0.1	0.5	<0.1	103	0.42	0.050
1316719	Soil	0.9	22.9	7.5	59	0.1	17.3	9.5	327	2.92	29.0	1.1	5.7	5.3	20	0.1	0.6	0.1	63	0.38	0.056
1316722	Soil	0.8	26.2	8.3	61	0.2	19.9	10.6	358	3.00	63.9	1.3	12.0	4.0	24	<0.1	0.7	0.2	71	0.44	0.054
1339102	Soil	1.1	22.5	9.3	62	0.2	16.8	9.2	289	2.91	51.7	1.2	11.8	3.3	26	<0.1	0.8	0.2	68	0.40	0.052
1338757	Soil	0.9	18.1	7.9	69	0.1	14.9	10.8	438	3.29	14.2	0.7	1.5	2.7	19	<0.1	0.5	0.2	77	0.37	0.047
1338758	Soil	0.7	29.7	3.9	71	<0.1	10.6	11.6	691	3.52	11.1	0.6	1.1	5.5	15	0.1	0.4	<0.1	71	0.35	0.057
1338762	Soil	0.8	31.8	8.6	70	0.1	20.5	14.7	477	3.35	21.2	1.4	6.3	5.3	22	0.2	0.7	0.2	76	0.43	0.057
1338760	Soil	0.9	19.7	8.9	63	0.1	14.7	10.4	546	2.77	8.0	1.0	1.0	3.0	20	0.1	0.4	0.1	67	0.34	0.051
1338756	Soil	0.3	17.7	7.0	71	<0.1	13.8	11.2	419	2.62	3.5	0.8	0.8	4.2	19	<0.1	0.3	<0.1	67	0.46	0.057
1338754	Soil	0.8	17.5	11.9	91	<0.1	12.9	9.6	481	2.66	6.1	1.0	2.7	4.4	22	0.3	0.4	0.2	61	0.47	0.051
1339121	Soil	1.1	50.6	3.9	72	<0.1	9.9	15.6	548	4.85	5.1	1.6	<0.5	4.7	17	<0.1	0.5	<0.1	132	0.52	0.075
1338763	Soil	0.8	26.4	7.9	67	<0.1	17.0	11.4	425	2.93	19.4	1.2	4.0	4.5	24	0.2	0.6	0.1	67	0.48	0.058
1338759	Soil	0.8	20.6	8.2	66	0.1	15.4	11.9	472	3.00	9.0	0.9	0.9	3.7	21	0.2	0.5	0.2	70	0.45	0.051
1338761	Soil	0.7	29.1	8.2	67	0.2	17.5	13.7	566	3.04	8.8	1.5	2.1	3.3	25	0.1	0.6	0.1	75	0.52	0.059

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 04, 2013

CERTIFICATE OF ANALYSIS WHI13000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1339118	Soil	18	28	0.63	309	0.106	<1	1.49	0.021	0.12	0.1	0.04	6.6	<0.1	<0.05	5	<0.5	<0.2
1339114	Soil	15	30	0.64	329	0.082	1	1.88	0.015	0.10	0.1	0.02	7.3	<0.1	<0.05	6	<0.5	<0.2
1339110	Soil	14	23	0.53	350	0.052	<1	1.70	0.014	0.08	0.1	0.04	6.7	<0.1	<0.05	5	<0.5	<0.2
1353097	Soil	17	36	0.63	422	0.085	<1	2.03	0.016	0.15	0.1	0.03	9.4	0.1	<0.05	6	<0.5	<0.2
1316717	Soil	15	24	0.45	363	0.039	<1	1.64	0.015	0.07	0.1	0.05	6.1	<0.1	<0.05	5	<0.5	<0.2
1316718	Soil	16	24	0.49	344	0.053	<1	1.64	0.014	0.07	0.2	0.04	5.6	<0.1	<0.05	5	<0.5	<0.2
1316723	Soil	15	27	0.52	381	0.055	1	1.88	0.016	0.07	0.2	0.05	7.2	<0.1	<0.05	6	0.6	<0.2
1339103	Soil	15	27	0.49	461	0.041	2	1.91	0.015	0.07	0.1	0.05	7.4	<0.1	<0.05	5	<0.5	<0.2
1339125	Soil	21	16	1.42	459	0.073	<1	2.79	0.018	0.29	<0.1	<0.01	12.5	<0.1	<0.05	12	<0.5	<0.2
1332301	Rock Pulp	18	659	0.13	133	0.166	3	4.23	0.013	0.07	<0.1	0.03	41.2	<0.1	<0.05	20	<0.5	<0.2
1316721	Soil	16	26	0.57	358	0.065	<1	1.98	0.016	0.07	0.1	0.04	7.1	<0.1	<0.05	6	<0.5	<0.2
1339105	Soil	14	23	0.51	309	0.057	<1	1.76	0.015	0.07	0.2	0.05	5.6	<0.1	<0.05	6	0.6	<0.2
1339123	Soil	13	47	1.20	384	0.113	<1	2.11	0.022	0.47	<0.1	<0.01	6.6	<0.1	<0.05	8	<0.5	<0.2
1316716	Soil	12	24	0.47	311	0.041	1	1.50	0.013	0.06	0.2	0.04	4.9	<0.1	<0.05	5	<0.5	<0.2
1316720	Soil	14	23	0.60	346	0.078	1	1.71	0.013	0.17	0.1	<0.01	6.1	<0.1	<0.05	6	<0.5	<0.2
1339104	Soil	15	26	0.50	403	0.044	1	1.82	0.013	0.06	0.1	0.04	6.5	<0.1	<0.05	5	<0.5	<0.2
1339124	Soil	13	21	0.95	313	0.061	2	1.99	0.019	0.17	<0.1	0.03	12.2	<0.1	<0.05	8	<0.5	<0.2
1316719	Soil	17	27	0.62	334	0.072	1	1.64	0.014	0.10	0.2	0.03	6.2	<0.1	<0.05	5	<0.5	<0.2
1316722	Soil	15	29	0.62	410	0.059	1	1.82	0.015	0.08	0.2	0.04	8.4	<0.1	<0.05	5	<0.5	<0.2
1339102	Soil	15	28	0.48	343	0.046	1	1.84	0.013	0.06	0.1	0.05	6.2	0.1	<0.05	5	0.5	<0.2
1338757	Soil	12	28	0.56	279	0.060	2	1.72	0.013	0.07	0.2	0.03	5.6	<0.1	<0.05	6	<0.5	<0.2
1338758	Soil	12	16	0.96	288	0.123	<1	1.79	0.013	0.33	0.1	<0.01	5.6	0.1	<0.05	7	<0.5	<0.2
1338762	Soil	20	30	0.66	391	0.076	<1	1.90	0.017	0.08	0.1	0.04	9.0	<0.1	<0.05	6	<0.5	<0.2
1338760	Soil	14	26	0.56	338	0.062	<1	1.76	0.016	0.07	0.1	0.03	6.0	<0.1	<0.05	6	<0.5	<0.2
1338756	Soil	16	26	0.91	309	0.105	<1	1.70	0.014	0.20	0.2	0.03	7.4	0.1	<0.05	6	<0.5	<0.2
1338754	Soil	15	24	0.48	385	0.055	<1	1.47	0.013	0.08	0.1	0.03	5.4	<0.1	<0.05	5	<0.5	<0.2
1339121	Soil	14	26	1.04	527	0.117	<1	2.42	0.032	0.43	<0.1	0.02	14.1	<0.1	<0.05	11	<0.5	<0.2
1338763	Soil	16	25	0.62	310	0.083	<1	1.66	0.018	0.08	0.2	0.03	6.3	<0.1	<0.05	5	0.7	<0.2
1338759	Soil	15	27	0.57	363	0.065	<1	1.87	0.013	0.07	0.2	0.04	6.6	<0.1	<0.05	6	<0.5	<0.2
1338761	Soil	17	29	0.69	404	0.071	<1	1.90	0.018	0.08	0.1	0.06	8.6	<0.1	<0.05	6	0.9	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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: November 04, 2013

CERTIFICATE OF ANALYSIS WHI13000529.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1339119	Soil		1.3	30.2	9.6	68	0.1	25.0	10.1	333	2.79	9.1	1.1	1.9	5.1	30	0.2	0.7	0.1	70	0.50	0.059
1339122	Soil		0.4	60.7	3.2	46	<0.1	14.9	15.0	287	4.28	6.9	0.7	<0.5	5.7	22	0.1	0.6	<0.1	117	0.51	0.102
1338755	Soil		0.9	22.5	10.6	75	0.1	13.0	11.7	803	2.87	5.9	1.1	6.7	3.9	21	0.2	0.5	0.2	60	0.48	0.063
1339106	Soil		0.8	14.6	9.2	59	0.1	13.5	10.4	523	3.05	59.3	1.0	10.0	4.7	22	<0.1	0.6	0.2	64	0.46	0.055
1339120	Soil		0.9	28.0	9.8	66	0.1	23.6	11.5	421	2.76	8.9	1.1	4.0	4.3	32	0.2	0.6	0.2	62	0.48	0.061
1339117	Soil		0.6	24.2	6.3	56	<0.1	17.7	10.5	321	2.95	5.8	0.9	3.9	5.4	20	<0.1	0.5	0.1	70	0.37	0.036
1338772	Soil		1.1	39.0	9.3	76	0.3	26.0	12.8	522	3.81	134.9	1.7	47.0	4.9	20	0.2	1.2	0.2	82	0.48	0.058
1360382	Soil		0.8	16.4	8.0	55	0.1	14.4	10.6	496	2.85	22.7	0.9	5.8	2.8	22	0.2	0.5	0.1	68	0.40	0.050
1339107	Soil		0.6	16.6	8.2	53	<0.1	13.6	10.1	372	2.45	40.0	1.2	10.7	3.6	21	0.2	0.6	0.2	57	0.39	0.057
1360378	Soil		0.8	24.4	8.3	61	0.1	17.9	11.0	343	3.21	27.6	1.3	10.3	4.8	21	0.2	0.5	0.1	74	0.46	0.043
1360377	Soil		0.7	17.7	7.9	62	<0.1	18.3	12.9	398	3.11	29.9	0.8	8.0	3.3	21	0.1	0.5	0.1	80	0.50	0.044
1338771	Soil		0.6	17.4	5.6	56	<0.1	13.1	8.9	363	3.27	85.2	1.0	17.2	7.6	15	<0.1	0.7	0.1	55	0.35	0.052
1360383	Soil		0.8	13.9	9.1	60	<0.1	15.4	10.7	444	3.00	24.1	0.7	3.2	3.5	19	0.1	0.5	0.1	75	0.33	0.039
1360380	Soil		0.8	28.1	9.6	65	<0.1	19.7	11.9	386	4.18	37.9	1.1	10.0	6.1	20	<0.1	0.8	0.2	88	0.47	0.053
1338767	Soil		0.9	23.8	7.8	66	0.2	15.8	9.4	292	3.07	17.8	1.0	8.8	3.8	17	<0.1	0.4	0.2	72	0.28	0.037
1338770	Soil		0.8	24.6	8.9	62	0.2	15.6	11.2	441	3.23	71.3	1.4	25.1	4.4	21	<0.1	0.8	0.2	64	0.43	0.047
1338768	Soil		1.2	23.3	8.2	62	0.1	18.3	10.6	361	3.19	20.8	1.1	15.4	3.9	20	<0.1	0.5	0.2	70	0.43	0.044
1360381	Soil		0.9	18.9	8.6	53	<0.1	17.8	9.7	302	2.89	21.0	1.0	9.9	4.5	23	<0.1	0.5	0.1	69	0.44	0.043
1338765	Soil		1.0	25.6	6.1	64	<0.1	16.1	9.8	337	2.85	19.9	0.9	8.8	4.4	15	0.1	0.5	0.1	68	0.35	0.039
1360376	Soil		0.7	37.3	4.2	81	<0.1	13.3	15.1	692	4.52	19.3	0.6	5.2	3.0	16	0.1	0.4	0.1	123	0.60	0.077
1338769	Soil		1.1	28.6	7.7	60	0.2	17.6	9.7	331	3.21	55.1	1.3	32.3	4.5	16	0.1	0.5	0.2	69	0.36	0.039
1360379	Soil		0.9	18.1	7.9	59	0.1	16.6	10.4	309	2.98	30.6	0.8	14.9	3.4	19	<0.1	0.4	0.1	72	0.47	0.042
1386704	Soil		0.7	17.9	5.6	59	<0.1	13.6	10.1	350	3.11	26.2	0.5	18.4	3.8	10	<0.1	0.4	0.1	75	0.21	0.031
1386705	Soil		1.1	24.0	6.0	70	<0.1	16.9	11.9	379	3.58	17.4	0.7	9.0	4.3	15	<0.1	0.4	0.2	80	0.33	0.042
1298243	Soil		0.8	30.4	7.6	84	<0.1	15.7	14.6	295	4.48	4.9	0.8	2.0	3.8	13	0.2	0.3	0.1	83	0.45	0.062
1386714	Soil																					
1386706	Soil		1.0	18.1	6.3	46	<0.1	12.2	8.7	295	2.90	37.4	0.5	8.7	2.6	14	<0.1	0.4	0.1	78	0.25	0.016
1386701	Rock Pulp		1.3	419.1	19.1	146	0.2	207.9	73.3	735	14.49	2.7	1.1	29.5	6.3	12	<0.1	0.2	0.1	210	0.27	0.038
1298244	Soil		0.7	17.4	9.8	66	<0.1	16.2	11.1	410	2.83	5.4	0.8	19.3	3.9	15	0.2	0.3	<0.1	68	0.31	0.040
1338773	Soil		0.9	33.6	6.5	79	0.2	18.2	16.5	645	4.83	157.5	1.1	48.7	3.8	17	<0.1	1.3	0.2	104	0.54	0.064

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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: November 04, 2013

CERTIFICATE OF ANALYSIS WHI13000529.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1339119	Soil		18	39	0.66	367	0.112	<1	1.69	0.023	0.09	0.2	0.03	6.4	<0.1	<0.05	5	0.7	<0.2
1339122	Soil		16	36	1.16	462	0.058	<1	2.17	0.014	0.22	<0.1	<0.01	11.3	<0.1	<0.05	9	<0.5	<0.2
1338755	Soil		15	22	0.50	440	0.046	<1	1.49	0.010	0.08	0.2	0.03	5.9	<0.1	<0.05	5	<0.5	<0.2
1339106	Soil		15	25	0.53	302	0.063	<1	1.55	0.015	0.08	0.2	0.03	5.5	<0.1	<0.05	5	<0.5	<0.2
1339120	Soil		17	32	0.59	377	0.086	<1	1.67	0.022	0.07	0.2	0.04	5.8	<0.1	<0.05	5	<0.5	<0.2
1339117	Soil		16	29	0.82	321	0.116	1	1.75	0.019	0.16	0.1	<0.01	7.5	<0.1	<0.05	6	<0.5	<0.2
1338772	Soil		23	46	0.73	677	0.045	<1	2.22	0.014	0.13	0.1	0.06	16.9	<0.1	<0.05	6	<0.5	<0.2
1360382	Soil		12	25	0.57	321	0.062	1	1.79	0.014	0.08	0.2	0.03	5.2	<0.1	<0.05	5	0.5	<0.2
1339107	Soil		16	23	0.47	332	0.046	<1	1.65	0.012	0.06	0.2	0.04	5.2	<0.1	<0.05	5	<0.5	<0.2
1360378	Soil		16	30	0.74	482	0.082	<1	1.93	0.014	0.16	0.2	0.04	9.0	<0.1	<0.05	6	<0.5	<0.2
1360377	Soil		12	38	0.85	360	0.093	<1	1.92	0.015	0.12	0.2	0.02	5.8	<0.1	<0.05	5	<0.5	<0.2
1338771	Soil		19	22	0.70	297	0.080	<1	1.59	0.011	0.26	<0.1	0.01	7.1	<0.1	<0.05	6	<0.5	<0.2
1360383	Soil		13	28	0.57	298	0.068	<1	1.80	0.013	0.07	0.1	0.02	5.2	<0.1	<0.05	6	<0.5	<0.2
1360380	Soil		18	26	0.79	487	0.077	<1	1.83	0.015	0.28	0.1	0.03	10.6	<0.1	<0.05	6	0.5	<0.2
1338767	Soil		16	28	0.63	296	0.068	<1	2.00	0.011	0.08	0.1	0.04	6.7	0.1	<0.05	6	<0.5	<0.2
1338770	Soil		19	31	0.54	382	0.049	2	1.79	0.011	0.10	0.1	0.02	8.6	0.1	<0.05	5	0.7	<0.2
1338768	Soil		16	38	0.66	400	0.063	1	1.95	0.012	0.10	0.2	0.04	9.1	<0.1	<0.05	6	<0.5	<0.2
1360381	Soil		14	29	0.64	337	0.087	1	1.70	0.017	0.10	0.1	0.02	6.4	<0.1	<0.05	5	<0.5	<0.2
1338765	Soil		17	29	0.65	315	0.071	<1	1.70	0.011	0.11	0.1	0.02	6.6	<0.1	<0.05	5	<0.5	<0.2
1360376	Soil		8	21	1.03	445	0.109	<1	2.14	0.016	0.37	0.2	0.02	9.2	0.1	<0.05	7	<0.5	<0.2
1338769	Soil		21	32	0.61	454	0.058	1	1.80	0.010	0.09	0.1	0.04	9.0	<0.1	<0.05	6	<0.5	<0.2
1360379	Soil		14	30	0.68	372	0.061	<1	1.86	0.012	0.08	0.1	0.04	6.5	0.1	<0.05	6	<0.5	<0.2
1386704	Soil		11	26	0.69	205	0.077	<1	1.75	0.009	0.13	0.1	0.02	5.0	<0.1	<0.05	6	<0.5	<0.2
1386705	Soil		13	34	0.82	273	0.068	<1	1.91	0.009	0.17	0.1	0.02	8.0	<0.1	<0.05	6	<0.5	<0.2
1298243	Soil		14	30	0.99	448	0.041	<1	1.80	0.011	0.15	<0.1	0.04	11.9	<0.1	<0.05	5	<0.5	<0.2
1386714	Soil																		
1386706	Soil		11	23	0.54	243	0.062	<1	1.72	0.012	0.06	<0.1	0.01	4.8	<0.1	<0.05	6	<0.5	<0.2
1386701	Rock Pulp		16	776	0.11	140	0.139	5	3.87	0.010	0.05	<0.1	0.03	37.1	<0.1	<0.05	19	<0.5	<0.2
1298244	Soil		15	27	0.67	248	0.071	1	1.74	0.010	0.08	0.1	0.02	6.1	0.1	<0.05	6	<0.5	<0.2
1338773	Soil		12	27	0.86	538	0.028	<1	1.83	0.010	0.18	<0.1	0.02	14.9	0.1	<0.05	7	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 04, 2013

CERTIFICATE OF ANALYSIS WHI13000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1386712	Soil	1.1	22.1	9.0	62	0.1	20.7	10.6	317	2.99	52.4	0.8	17.0	3.3	18	<0.1	0.5	0.1	70	0.43	0.036
1386707	Soil	0.9	21.0	6.2	58	<0.1	15.9	10.0	342	3.04	89.9	0.6	20.9	2.9	17	<0.1	0.6	0.1	71	0.37	0.031
1386717	Soil	1.1	23.7	6.6	63	<0.1	19.0	10.9	353	3.19	20.1	0.6	6.4	3.8	15	<0.1	0.4	0.1	81	0.36	0.035
1338764	Soil	1.0	27.0	5.0	74	<0.1	10.5	11.1	450	3.52	36.6	0.8	9.5	4.1	14	<0.1	0.4	<0.1	76	0.34	0.046
1386711	Soil	1.0	27.4	7.7	64	<0.1	18.5	11.3	424	3.51	86.8	1.0	29.1	3.9	18	<0.1	0.9	0.2	83	0.44	0.042
1386702	Soil	0.8	21.6	6.6	55	<0.1	16.1	11.0	331	3.10	11.9	0.6	6.2	3.7	13	<0.1	0.4	0.2	79	0.26	0.028
1386703	Soil	1.0	31.5	7.6	79	<0.1	16.3	12.3	540	3.66	47.3	1.2	23.0	5.4	15	<0.1	0.5	0.2	82	0.34	0.040
1338766	Soil	1.2	26.7	5.3	86	<0.1	17.9	14.3	521	3.70	54.1	0.8	37.7	3.3	17	<0.1	0.5	0.1	96	0.44	0.042
1386713	Soil	1.1	21.8	8.9	64	0.2	19.3	11.2	390	3.27	26.4	1.0	10.4	3.7	18	<0.1	0.5	0.2	73	0.44	0.039
1298245	Soil	0.7	19.7	9.9	76	0.1	16.4	11.0	392	3.04	6.8	0.8	3.6	3.9	17	0.1	0.3	0.2	79	0.36	0.044
1298246	Soil	0.8	17.4	8.1	72	0.1	13.3	10.8	440	2.71	5.5	0.7	4.6	2.9	19	0.2	0.3	0.1	69	0.46	0.049
1386708	Soil	1.1	20.7	6.5	56	0.1	17.6	12.0	374	3.28	96.1	0.7	21.5	2.6	16	<0.1	0.7	<0.1	84	0.43	0.033
1298241	Soil	1.0	42.6	9.0	103	<0.1	11.8	17.3	586	4.88	3.9	0.7	0.5	4.1	9	0.2	0.4	<0.1	126	0.33	0.047
1298249	Soil	0.8	24.9	6.9	69	0.2	14.8	10.4	432	3.13	12.0	0.8	5.7	3.4	18	<0.1	0.4	<0.1	77	0.46	0.047
1298250	Soil	0.9	26.4	6.5	67	<0.1	14.2	11.3	362	3.31	9.9	0.6	9.4	3.9	16	<0.1	0.3	<0.1	89	0.37	0.044
1386709	Soil	0.8	20.1	6.6	58	<0.1	14.1	18.8	686	4.80	95.4	1.2	8.9	4.3	18	<0.1	0.6	0.1	72	0.53	0.044
1356203	Soil	0.7	19.4	8.2	54	0.1	17.1	9.3	247	2.67	15.8	0.9	5.1	3.4	18	<0.1	0.4	0.1	67	0.38	0.038
1386716	Soil	0.7	16.6	7.7	57	0.1	15.7	9.8	291	2.68	21.2	0.7	5.3	2.8	16	0.1	0.4	0.1	66	0.34	0.039
1298248	Soil	1.1	23.0	8.0	67	0.1	14.2	12.2	355	3.18	12.7	0.8	4.9	3.3	16	0.1	0.4	0.1	78	0.38	0.043
1298242	Soil	0.8	19.0	8.9	72	<0.1	16.0	9.4	340	2.96	5.1	0.7	2.6	5.0	15	0.1	0.3	<0.1	67	0.45	0.046
1356202	Soil	0.9	21.3	8.7	58	<0.1	17.7	11.8	373	3.13	29.8	1.0	7.5	3.6	18	<0.1	0.5	0.1	77	0.40	0.042
1386715	Soil	0.9	20.2	6.9	57	<0.1	17.2	8.9	278	2.70	24.5	0.9	6.6	3.8	18	<0.1	0.4	0.1	64	0.39	0.042
1298247	Soil	0.7	27.5	8.2	81	0.1	14.8	10.0	278	3.00	8.7	1.1	5.3	3.7	16	0.1	0.4	0.1	71	0.46	0.054
1386710	Soil	1.0	35.5	7.6	64	0.2	22.9	13.0	500	3.67	51.1	1.4	17.3	3.7	19	<0.1	0.5	0.1	87	0.53	0.049
1356185	Soil	1.0	19.5	8.6	59	0.1	15.3	10.3	340	2.63	32.1	1.0	16.5	3.4	18	<0.1	0.5	0.1	61	0.41	0.045
1356200	Soil	0.8	15.3	7.2	54	0.1	13.8	9.3	305	2.68	20.1	0.7	11.0	2.1	18	0.2	0.4	0.2	66	0.33	0.041
1356191	Soil	1.0	28.0	7.8	64	0.1	19.1	9.3	351	2.98	36.1	1.2	16.1	4.3	20	<0.1	0.7	0.2	66	0.41	0.045
1356195	Soil	0.7	20.8	8.0	56	0.1	14.7	9.6	279	3.02	89.4	1.2	26.5	4.0	20	0.1	0.7	0.1	59	0.46	0.046
1356186	Soil	1.0	17.7	7.2	60	<0.1	13.0	10.1	410	2.71	26.0	0.8	6.2	2.7	19	<0.1	0.6	0.2	64	0.41	0.049
1356201	Rock Pulp	1.2	418.4	19.4	148	0.2	203.0	75.5	754	14.51	2.5	1.0	29.1	6.0	12	<0.1	0.2	0.2	200	0.27	0.037

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 04, 2013

CERTIFICATE OF ANALYSIS WHI13000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1386712	Soil	14	37	0.62	382	0.051	<1	1.90	0.011	0.08	0.1	0.04	7.6	0.1	<0.05	6	<0.5	<0.2
1386707	Soil	12	29	0.61	312	0.042	<1	1.71	0.011	0.09	0.1	0.02	6.0	<0.1	<0.05	5	<0.5	<0.2
1386717	Soil	14	36	0.74	291	0.079	<1	1.83	0.013	0.11	0.1	0.02	7.1	<0.1	<0.05	6	<0.5	<0.2
1338764	Soil	14	21	0.82	390	0.105	<1	1.72	0.011	0.32	0.1	0.01	6.7	0.1	<0.05	6	<0.5	<0.2
1386711	Soil	14	32	0.62	395	0.053	<1	1.76	0.010	0.10	0.1	0.02	8.3	0.1	<0.05	5	<0.5	<0.2
1386702	Soil	14	28	0.66	264	0.072	<1	1.73	0.010	0.09	0.1	0.02	5.7	0.1	<0.05	5	<0.5	<0.2
1386703	Soil	21	30	0.78	368	0.089	<1	2.02	0.010	0.20	0.1	0.04	9.8	0.1	<0.05	6	<0.5	<0.2
1338766	Soil	14	32	0.95	427	0.105	<1	2.04	0.014	0.28	0.1	0.03	9.5	0.1	<0.05	6	<0.5	<0.2
1386713	Soil	15	32	0.64	424	0.058	<1	2.04	0.011	0.12	0.1	0.04	8.1	0.1	<0.05	6	<0.5	<0.2
1298245	Soil	16	31	0.69	285	0.072	<1	1.84	0.011	0.08	0.1	0.04	6.3	0.1	<0.05	6	<0.5	<0.2
1298246	Soil	13	26	0.63	337	0.063	<1	1.71	0.011	0.08	0.1	0.04	6.1	0.1	<0.05	5	<0.5	<0.2
1386708	Soil	13	34	0.75	335	0.054	<1	2.02	0.009	0.16	<0.1	0.03	7.3	0.1	<0.05	6	<0.5	<0.2
1298241	Soil	12	17	1.12	356	0.061	<1	1.80	0.009	0.27	<0.1	<0.01	12.3	0.1	<0.05	6	<0.5	<0.2
1298249	Soil	15	30	0.60	377	0.063	<1	1.90	0.012	0.15	0.1	0.05	8.3	0.1	<0.05	5	<0.5	<0.2
1298250	Soil	14	26	0.84	283	0.085	<1	1.86	0.012	0.17	0.1	0.01	6.3	0.1	<0.05	6	<0.5	<0.2
1386709	Soil	16	27	0.50	385	0.034	<1	1.54	0.008	0.11	0.1	0.04	8.5	<0.1	<0.05	5	<0.5	<0.2
1356203	Soil	14	28	0.58	379	0.064	<1	1.85	0.012	0.05	0.1	0.05	5.4	0.1	<0.05	6	<0.5	<0.2
1386716	Soil	13	28	0.53	321	0.056	<1	1.80	0.011	0.08	0.1	0.04	5.4	0.1	<0.05	6	<0.5	<0.2
1298248	Soil	13	25	0.59	322	0.059	<1	1.85	0.012	0.10	0.1	0.04	6.7	<0.1	<0.05	6	<0.5	<0.2
1298242	Soil	18	29	0.77	490	0.068	<1	1.69	0.010	0.13	<0.1	0.03	6.3	<0.1	<0.05	5	<0.5	<0.2
1356202	Soil	14	32	0.65	394	0.053	<1	1.89	0.011	0.07	0.1	0.04	6.8	0.1	<0.05	6	<0.5	<0.2
1386715	Soil	15	30	0.58	342	0.060	<1	1.69	0.012	0.09	0.1	0.03	6.4	<0.1	<0.05	5	<0.5	<0.2
1298247	Soil	16	25	0.60	352	0.059	<1	1.83	0.013	0.11	0.1	0.06	7.7	0.1	<0.05	5	<0.5	<0.2
1386710	Soil	22	39	0.64	589	0.042	<1	2.17	0.010	0.13	0.1	0.06	13.5	<0.1	<0.05	6	<0.5	<0.2
1356185	Soil	15	26	0.49	309	0.044	<1	1.59	0.010	0.05	0.2	0.04	5.1	0.1	<0.05	5	<0.5	<0.2
1356200	Soil	10	26	0.53	295	0.044	1	1.76	0.011	0.05	0.2	0.04	4.7	0.1	<0.05	6	<0.5	<0.2
1356191	Soil	17	31	0.59	374	0.063	1	1.77	0.012	0.08	0.2	0.04	7.9	0.1	<0.05	5	<0.5	<0.2
1356195	Soil	16	27	0.49	350	0.045	2	1.61	0.010	0.08	0.2	0.06	5.8	<0.1	<0.05	5	<0.5	<0.2
1356186	Soil	12	23	0.52	315	0.049	1	1.62	0.011	0.05	0.1	0.03	5.1	<0.1	<0.05	5	<0.5	<0.2
1356201	Rock Pulp	17	726	0.11	136	0.139	4	3.94	0.010	0.06	<0.1	0.02	36.1	0.1	<0.05	19	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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: November 04, 2013

CERTIFICATE OF ANALYSIS WHI13000529.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1356197	Soil		0.9	19.1	6.2	52	0.1	15.8	17.6	808	3.71	127.1	1.1	26.6	3.3	24	0.2	0.8	0.2	52	0.55	0.053
1356193	Soil		1.0	28.2	7.4	57	0.2	18.3	13.3	574	3.33	60.7	1.3	28.4	3.6	22	<0.1	0.8	0.2	69	0.51	0.048
1356187	Soil		1.0	20.5	7.7	61	0.1	15.4	10.6	367	2.87	31.0	1.0	16.1	3.1	19	<0.1	0.5	0.1	63	0.40	0.044
1356196	Soil		0.9	22.0	7.7	61	0.1	16.9	11.7	488	2.89	45.4	1.0	21.1	4.1	19	0.1	0.6	0.1	61	0.40	0.043
1356198	Soil		0.8	21.5	5.9	51	0.1	16.4	15.3	1156	2.87	64.9	1.2	14.1	2.3	29	0.2	0.6	0.1	56	0.79	0.048
1356194	Soil		0.8	26.3	7.7	62	0.1	18.7	13.8	465	3.39	72.2	1.3	28.0	4.3	18	<0.1	0.7	0.2	74	0.40	0.044
1356188	Soil		0.9	22.5	6.9	61	0.1	16.7	10.8	377	2.77	60.3	0.9	26.7	4.0	20	0.1	0.6	0.1	65	0.39	0.041
1356184	Soil		0.8	19.8	7.7	60	<0.1	14.9	10.8	415	2.74	28.1	0.9	11.8	3.3	19	0.1	0.5	0.1	62	0.40	0.045
1356199	Soil		0.8	18.3	6.9	48	0.1	13.5	10.1	418	2.79	57.1	1.1	18.0	2.2	20	0.1	0.6	0.1	62	0.46	0.048
1356192	Soil		1.0	22.7	7.2	64	0.1	17.5	12.3	363	3.31	29.3	1.0	12.5	4.4	20	0.1	0.7	0.1	77	0.43	0.044
1356204	Soil		0.9	22.3	8.0	53	<0.1	19.3	9.5	196	2.70	10.5	1.0	5.4	3.9	20	<0.1	0.4	0.1	65	0.37	0.042
1356208	Soil		0.8	19.8	7.7	54	0.1	16.2	9.6	335	2.86	8.6	0.8	3.2	3.2	18	<0.1	0.3	0.1	72	0.33	0.035
1356212	Soil		0.9	28.2	7.4	63	0.1	13.3	8.6	206	2.99	6.4	0.8	4.0	3.2	16	0.1	0.4	<0.1	80	0.29	0.038
1356189	Soil		0.9	24.0	7.6	60	0.1	17.0	8.7	258	2.78	24.4	0.9	9.8	4.4	20	0.1	0.5	0.2	60	0.38	0.043
1356205	Soil		0.8	18.4	7.7	54	0.1	16.8	9.6	266	2.56	11.8	0.9	6.2	2.4	23	0.1	0.4	<0.1	62	0.39	0.050
1356209	Soil		1.0	39.5	10.5	61	0.3	22.6	13.6	440	3.68	12.5	2.1	8.7	3.8	24	<0.1	0.4	0.2	89	0.44	0.044
1356213	Soil		0.6	49.5	4.4	51	<0.1	15.5	12.2	289	2.81	5.3	0.8	5.2	3.3	15	0.2	0.3	<0.1	77	0.38	0.040
1356190	Soil		1.0	26.0	7.6	67	0.1	18.4	8.7	252	2.84	39.6	1.1	19.3	4.5	20	0.1	0.6	0.1	65	0.40	0.049
1338848	Soil		0.7	14.2	9.2	58	0.1	13.1	8.5	147	2.75	10.4	0.7	7.1	4.0	14	<0.1	0.4	0.1	61	0.30	0.033
1356206	Soil		0.4	14.0	2.3	61	<0.1	16.1	17.5	554	3.58	3.7	0.3	1.0	3.5	13	<0.1	0.1	0.2	98	0.50	0.066
1356210	Soil		0.5	22.3	3.7	49	<0.1	11.9	11.2	276	2.84	6.1	0.8	3.9	4.1	16	<0.1	0.2	<0.1	88	0.52	0.064
1356214	Soil		0.7	29.9	6.2	47	<0.1	12.9	10.2	246	3.05	5.1	0.5	3.3	2.7	13	<0.1	0.3	<0.1	85	0.25	0.037
1338849	Soil		0.8	15.2	9.6	57	0.1	14.3	7.5	204	2.23	8.2	0.8	5.5	3.5	18	<0.1	0.4	0.1	57	0.36	0.042
1356207	Soil		0.7	19.0	6.4	55	<0.1	16.4	11.4	368	2.97	7.6	0.7	1.2	3.9	18	<0.1	0.3	0.2	77	0.40	0.042
1356211	Soil		0.3	16.9	7.7	58	<0.1	13.6	8.6	252	2.27	11.2	0.8	6.1	2.7	18	<0.1	0.4	0.1	64	0.30	0.043
1356215	Soil		0.7	41.8	6.8	50	<0.1	17.8	12.2	297	3.30	5.5	0.9	3.7	3.7	18	<0.1	0.4	<0.1	93	0.37	0.037
1338863	Soil		0.9	16.0	6.9	53	<0.1	13.7	10.7	389	2.63	26.1	0.8	7.5	2.6	21	0.1	0.4	0.1	64	0.44	0.050
1338850	Soil		0.8	15.5	9.4	50	0.1	11.9	8.2	274	2.54	9.5	0.9	3.3	2.6	17	0.1	0.4	0.1	62	0.35	0.057
1338854	Soil		1.1	16.1	8.7	46	0.2	10.6	8.8	969	2.36	18.6	0.9	2.8	1.5	31	0.3	0.4	0.1	50	0.83	0.075
1338858	Soil		0.9	14.7	9.6	58	<0.1	14.3	11.9	552	2.46	11.3	0.8	10.9	2.4	20	0.2	0.4	0.1	59	0.40	0.059

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 04, 2013

CERTIFICATE OF ANALYSIS WHI13000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1356197	Soil	15	21	0.50	428	0.037	1	1.55	0.010	0.07	0.1	0.05	6.4	<0.1	<0.05	5	<0.5	<0.2
1356193	Soil	16	27	0.54	550	0.044	2	1.80	0.012	0.09	0.1	0.06	9.8	0.1	<0.05	5	<0.5	<0.2
1356187	Soil	15	27	0.57	372	0.051	1	1.79	0.011	0.05	0.2	0.04	5.9	0.1	<0.05	6	<0.5	<0.2
1356196	Soil	16	29	0.57	363	0.047	1	1.74	0.011	0.06	0.1	0.04	6.0	0.1	<0.05	5	<0.5	<0.2
1356198	Soil	13	31	0.47	618	0.027	2	1.54	0.010	0.06	0.1	0.06	7.0	0.1	<0.05	5	<0.5	<0.2
1356194	Soil	17	29	0.62	470	0.053	1	2.02	0.011	0.09	0.1	0.04	8.8	0.1	<0.05	6	<0.5	<0.2
1356188	Soil	15	29	0.55	333	0.060	<1	1.67	0.012	0.07	0.1	0.04	5.7	0.1	<0.05	5	<0.5	<0.2
1356184	Soil	14	25	0.53	297	0.049	<1	1.69	0.011	0.06	0.2	0.03	4.9	0.1	<0.05	5	<0.5	<0.2
1356199	Soil	13	24	0.43	380	0.025	<1	1.71	0.010	0.07	0.2	0.04	6.1	0.1	<0.05	5	<0.5	<0.2
1356192	Soil	15	32	0.66	410	0.063	<1	1.80	0.013	0.12	0.1	0.04	7.6	<0.1	<0.05	5	<0.5	<0.2
1356204	Soil	16	31	0.55	308	0.070	<1	1.74	0.012	0.04	0.2	0.04	5.0	<0.1	<0.05	5	<0.5	<0.2
1356208	Soil	13	32	0.62	310	0.085	1	1.97	0.011	0.07	0.1	0.03	5.0	<0.1	<0.05	6	<0.5	<0.2
1356212	Soil	13	26	0.72	272	0.089	1	2.04	0.013	0.12	0.2	0.04	5.7	<0.1	<0.05	7	<0.5	<0.2
1356189	Soil	16	29	0.55	333	0.066	1	1.79	0.012	0.08	0.1	0.05	5.7	<0.1	<0.05	6	<0.5	<0.2
1356205	Soil	13	26	0.49	306	0.056	<1	1.66	0.012	0.05	0.2	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
1356209	Soil	25	39	0.60	528	0.085	1	3.00	0.015	0.12	0.1	0.08	9.9	0.1	<0.05	9	<0.5	<0.2
1356213	Soil	13	29	0.83	312	0.099	<1	1.78	0.018	0.23	0.2	0.01	5.7	0.1	<0.05	6	<0.5	<0.2
1356190	Soil	17	31	0.54	377	0.062	1	1.68	0.013	0.08	0.1	0.04	6.5	0.1	<0.05	5	<0.5	<0.2
1338848	Soil	15	25	0.42	244	0.042	<1	1.53	0.009	0.05	0.1	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
1356206	Soil	6	36	1.45	335	0.225	<1	2.39	0.015	0.63	0.1	<0.01	6.1	0.2	<0.05	8	<0.5	<0.2
1356210	Soil	14	25	0.85	308	0.106	1	1.84	0.026	0.20	0.2	0.02	6.7	<0.1	<0.05	6	<0.5	<0.2
1356214	Soil	11	27	0.78	223	0.083	1	1.88	0.014	0.09	0.1	<0.01	5.1	<0.1	<0.05	6	<0.5	<0.2
1338849	Soil	15	26	0.40	277	0.039	<1	1.54	0.010	0.06	0.2	0.04	3.6	<0.1	<0.05	4	<0.5	<0.2
1356207	Soil	12	33	0.79	313	0.122	<1	1.95	0.014	0.23	0.2	0.01	5.2	0.1	<0.05	6	<0.5	<0.2
1356211	Soil	15	29	0.56	284	0.060	1	1.61	0.014	0.08	0.1	0.06	5.5	<0.1	<0.05	5	<0.5	<0.2
1356215	Soil	17	32	0.83	334	0.082	<1	1.94	0.015	0.10	0.1	0.02	7.9	<0.1	<0.05	6	<0.5	<0.2
1338863	Soil	13	25	0.50	283	0.044	<1	1.56	0.011	0.05	0.2	0.02	4.6	<0.1	<0.05	5	<0.5	<0.2
1338850	Soil	14	23	0.30	312	0.029	<1	1.41	0.011	0.04	0.1	0.03	3.9	<0.1	<0.05	4	<0.5	<0.2
1338854	Soil	11	18	0.24	480	0.020	2	1.13	0.009	0.05	0.1	0.06	3.8	<0.1	<0.05	3	<0.5	<0.2
1338858	Soil	14	24	0.35	293	0.036	2	1.48	0.011	0.06	0.1	0.06	3.8	<0.1	<0.05	4	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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: November 04, 2013

CERTIFICATE OF ANALYSIS WHI13000529.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1338864	Soil		1.0	17.2	8.5	60	0.1	14.6	10.4	327	2.76	32.3	0.9	13.3	3.0	18	<0.1	0.5	0.1	66	0.33	0.046
1338847	Soil		0.7	15.3	7.3	55	<0.1	12.8	9.9	345	2.42	28.8	0.7	10.5	3.4	14	0.1	0.5	0.1	56	0.27	0.035
1338855	Soil		0.7	15.9	8.6	47	<0.1	12.9	9.2	259	2.26	14.7	0.7	6.9	2.3	18	0.1	0.4	0.2	48	0.31	0.050
1338856	Soil		0.5	19.0	8.9	52	<0.1	14.4	9.2	307	2.41	11.9	0.9	3.8	2.9	17	0.2	0.4	0.2	56	0.33	0.054
1338862	Soil		0.9	17.4	4.3	58	<0.1	11.0	12.0	444	3.14	29.9	0.6	4.9	2.9	16	<0.1	0.5	0.1	74	0.42	0.061
1338861	Soil		0.6	21.8	7.9	56	0.1	15.1	11.2	568	2.61	21.5	1.1	9.6	2.7	20	0.2	0.5	0.1	58	0.43	0.048
1338852	Soil		0.8	13.8	7.2	41	0.1	9.7	11.8	477	2.35	6.4	0.7	5.3	1.7	18	0.2	0.4	0.1	40	0.36	0.060
1338857	Soil		0.5	12.6	9.0	45	<0.1	12.3	6.1	136	1.75	7.0	0.7	3.9	2.1	19	<0.1	0.3	0.1	47	0.36	0.046
1338865	Soil		0.9	14.9	6.9	59	<0.1	12.7	9.0	391	2.47	29.6	0.6	9.7	2.5	16	<0.1	0.4	0.1	59	0.30	0.037
1338860	Soil		0.4	13.2	8.0	57	0.1	11.2	5.9	319	1.73	13.8	0.7	7.4	2.5	19	0.1	0.4	0.1	43	0.39	0.042
1338853	Soil		0.9	17.7	9.1	55	0.1	12.7	7.9	326	2.16	6.4	0.7	2.6	1.9	21	0.2	0.3	0.2	50	0.45	0.060
1338859	Soil		0.9	16.0	8.8	55	0.1	13.8	9.0	376	2.12	18.5	0.8	9.5	1.8	19	0.2	0.3	0.1	49	0.37	0.050
1338878	Soil		1.3	20.2	9.1	74	0.1	15.5	23.4	1889	4.74	11.0	0.8	2.6	3.9	21	0.2	0.4	0.2	93	0.56	0.055
1338887	Soil		0.6	13.1	9.1	50	<0.1	11.4	7.7	318	1.82	3.9	0.8	5.4	4.3	15	<0.1	0.3	0.1	44	0.31	0.034
1338882	Soil		0.8	27.4	8.1	64	<0.1	12.2	10.0	684	2.86	4.3	1.1	5.2	2.4	25	0.1	0.4	0.1	53	0.61	0.068
1338876	Soil		0.9	16.6	6.7	60	<0.1	12.7	10.0	372	2.62	21.1	0.6	6.6	2.8	17	<0.1	0.3	0.1	66	0.37	0.042
1338879	Soil		0.8	18.8	8.4	64	<0.1	12.8	9.9	491	2.56	6.3	0.8	2.7	2.8	20	0.2	0.3	0.1	59	0.45	0.049
1338851	Rock Pulp		2.7	26.0	2.1	43	0.3	24.5	11.0	398	2.40	4.2	0.2	2.6	0.7	34	0.1	0.2	<0.1	68	0.84	0.055
1338883	Soil		0.9	25.7	8.8	62	0.1	14.5	10.2	915	2.89	6.0	1.1	2.2	3.5	22	0.3	0.4	0.2	53	0.67	0.055
1338877	Soil		1.1	15.9	7.0	60	0.1	12.7	8.9	305	2.63	17.4	0.6	5.9	2.8	15	<0.1	0.3	0.1	65	0.31	0.036
1338880	Soil		0.8	16.3	7.9	52	<0.1	11.0	10.2	364	3.26	13.4	0.9	2.9	3.8	19	0.2	0.4	0.1	62	0.46	0.049
1338886	Soil		0.8	22.5	10.4	61	0.1	12.7	7.8	309	2.41	6.8	1.3	2.3	3.6	18	0.3	0.3	0.1	52	0.42	0.054
1338884	Soil		0.3	19.9	9.2	47	<0.1	10.9	5.3	109	1.64	2.8	0.9	1.5	4.9	16	<0.1	0.3	0.2	54	0.47	0.030
1338881	Soil		0.6	19.0	8.1	64	<0.1	12.7	7.8	286	2.14	3.7	0.9	2.5	4.4	17	0.2	0.4	0.1	48	0.44	0.049
1339223	Soil		0.8	15.9	7.3	52	0.1	13.0	10.9	421	2.67	42.2	1.0	7.8	2.2	21	0.1	0.5	0.1	61	0.43	0.052
1338889	Soil		0.9	16.1	7.4	47	<0.1	11.5	7.8	308	2.47	8.0	0.9	2.2	2.5	22	0.2	0.3	0.2	50	0.56	0.062
1338888	Soil		0.4	18.1	9.8	54	<0.1	13.5	6.9	106	2.45	7.3	1.0	2.2	4.9	17	0.1	0.4	0.1	55	0.35	0.039
1338885	Soil		0.8	21.3	12.8	69	0.1	12.9	11.3	502	2.71	4.8	1.0	3.7	6.2	19	0.2	0.3	0.2	52	0.50	0.036
1339218	Soil		0.9	16.6	7.1	56	<0.1	15.1	10.5	319	2.69	24.7	0.7	7.9	2.5	18	<0.1	0.4	0.1	67	0.33	0.050
1339215	Soil		0.8	16.8	6.9	55	<0.1	16.3	10.5	287	2.68	29.8	0.7	5.3	3.2	18	0.1	0.5	<0.1	68	0.34	0.038

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 04, 2013

CERTIFICATE OF ANALYSIS WHI13000529.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1338864	Soil	14	27	0.48	281	0.046	1	1.71	0.010	0.06	0.2	0.04	4.4	0.1	<0.05	5	<0.5	<0.2
1338847	Soil	14	21	0.43	230	0.041	1	1.35	0.009	0.05	0.2	0.03	3.9	<0.1	<0.05	4	<0.5	<0.2
1338855	Soil	13	21	0.28	305	0.027	<1	1.34	0.008	0.04	0.2	0.04	3.6	0.1	<0.05	4	<0.5	<0.2
1338856	Soil	15	23	0.30	282	0.034	1	1.32	0.010	0.04	0.2	0.05	4.4	<0.1	<0.05	4	<0.5	<0.2
1338862	Soil	11	19	0.60	278	0.041	1	1.38	0.009	0.14	0.1	0.02	5.6	<0.1	<0.05	4	<0.5	<0.2
1338861	Soil	16	25	0.47	330	0.038	1	1.61	0.009	0.08	0.1	0.06	5.6	<0.1	<0.05	5	<0.5	<0.2
1338852	Soil	11	18	0.20	346	0.022	1	1.12	0.011	0.03	0.1	0.04	3.3	<0.1	<0.05	3	<0.5	<0.2
1338857	Soil	12	21	0.31	258	0.029	<1	1.38	0.009	0.04	0.2	0.04	3.5	<0.1	<0.05	4	<0.5	<0.2
1338865	Soil	12	24	0.44	260	0.045	1	1.49	0.009	0.06	0.2	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2
1338860	Soil	13	20	0.28	273	0.029	2	1.22	0.010	0.04	0.2	0.06	3.6	<0.1	<0.05	4	<0.5	<0.2
1338853	Soil	12	22	0.32	300	0.029	1	1.32	0.009	0.04	0.1	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
1338859	Soil	14	22	0.32	329	0.030	<1	1.42	0.009	0.05	0.1	0.04	3.5	<0.1	<0.05	4	<0.5	<0.2
1338878	Soil	16	29	0.65	399	0.066	<1	1.64	0.010	0.10	0.2	0.05	6.1	0.1	<0.05	5	<0.5	<0.2
1338887	Soil	16	22	0.30	341	0.038	<1	1.31	0.008	0.04	0.1	0.05	3.5	<0.1	<0.05	4	<0.5	<0.2
1338882	Soil	14	22	0.39	536	0.027	2	1.40	0.007	0.08	0.1	0.06	5.6	<0.1	<0.05	4	<0.5	<0.2
1338876	Soil	12	23	0.53	240	0.052	<1	1.55	0.011	0.07	0.2	0.03	4.2	<0.1	<0.05	5	<0.5	<0.2
1338879	Soil	13	22	0.42	428	0.036	1	1.49	0.009	0.07	0.1	0.04	4.4	<0.1	<0.05	4	<0.5	<0.2
1338851	Rock Pulp	4	32	0.75	89	0.104	3	1.53	0.080	0.13	12.1	<0.01	4.4	<0.1	<0.05	5	<0.5	<0.2
1338883	Soil	14	20	0.36	584	0.036	1	1.34	0.009	0.08	0.1	0.05	5.6	<0.1	<0.05	4	<0.5	<0.2
1338877	Soil	12	24	0.51	236	0.051	1	1.55	0.010	0.07	0.1	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
1338880	Soil	15	19	0.30	348	0.035	<1	1.20	0.009	0.05	0.2	0.04	4.5	<0.1	<0.05	3	<0.5	<0.2
1338886	Soil	16	22	0.26	502	0.025	<1	1.42	0.009	0.05	0.1	0.05	5.0	<0.1	<0.05	4	<0.5	<0.2
1338884	Soil	16	22	0.35	459	0.039	<1	1.47	0.008	0.06	0.1	0.04	5.4	<0.1	<0.05	4	<0.5	<0.2
1338881	Soil	17	21	0.35	397	0.040	<1	1.32	0.010	0.05	0.2	0.04	4.1	<0.1	<0.05	4	<0.5	<0.2
1339223	Soil	13	23	0.45	359	0.039	2	1.58	0.010	0.05	0.1	0.05	4.9	<0.1	<0.05	5	<0.5	<0.2
1338889	Soil	14	20	0.28	374	0.030	<1	1.21	0.010	0.04	0.1	0.04	3.5	<0.1	<0.05	4	<0.5	<0.2
1338888	Soil	17	24	0.34	325	0.039	<1	1.50	0.009	0.04	0.1	0.05	4.0	<0.1	<0.05	4	<0.5	<0.2
1338885	Soil	20	22	0.34	457	0.046	1	1.55	0.010	0.07	0.1	0.04	5.4	<0.1	<0.05	4	<0.5	<0.2
1339218	Soil	12	26	0.52	234	0.051	<1	1.64	0.010	0.06	0.1	0.04	4.4	<0.1	<0.05	5	<0.5	<0.2
1339215	Soil	14	29	0.58	297	0.057	<1	1.64	0.010	0.06	0.1	0.02	4.6	<0.1	<0.05	5	<0.5	<0.2

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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: November 04, 2013

CERTIFICATE OF ANALYSIS WHI13000529.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1339213	Soil		0.8	17.2	8.4	55	0.1	15.1	11.7	368	2.70	27.8	0.9	7.7	2.7	17	0.1	0.5	0.1	62	0.30	0.049
1339211	Soil		0.8	17.2	6.8	53	<0.1	15.8	11.8	790	2.65	24.3	1.1	10.5	2.6	24	0.2	0.5	0.1	60	0.53	0.054
1339216	Soil		0.9	18.1	7.1	54	0.1	15.3	11.8	406	2.82	39.9	0.8	11.0	3.2	18	<0.1	0.4	0.1	66	0.33	0.045
1339224	Soil		0.8	14.0	6.3	50	0.1	11.7	9.3	434	2.14	33.0	0.9	9.7	1.8	24	<0.1	0.4	0.1	52	0.54	0.053
1339214	Soil		0.9	17.4	8.2	57	0.2	14.7	10.1	295	2.84	39.7	0.8	11.7	3.1	18	<0.1	0.5	0.1	70	0.36	0.041
1339221	Soil		0.9	21.8	7.8	57	0.1	18.3	13.7	354	3.10	23.5	1.0	5.2	3.2	20	<0.1	0.5	0.1	76	0.39	0.050
1336431	Soil		1.1	13.3	6.1	49	<0.1	12.2	15.6	619	3.16	96.2	0.9	10.4	2.1	21	0.2	0.5	0.1	53	0.47	0.063
1336430	Soil		1.2	13.5	7.1	53	0.1	12.9	12.7	946	2.61	41.2	0.9	9.4	1.8	20	0.2	0.5	0.2	55	0.41	0.054
1339219	Soil		1.3	16.7	6.5	56	0.2	13.7	10.2	475	2.61	22.8	0.7	8.9	1.6	20	0.2	0.5	0.1	63	0.42	0.055
1339222	Soil		0.6	17.6	7.7	53	<0.1	15.0	8.9	166	2.59	27.6	0.7	6.6	3.2	15	0.1	0.4	0.1	62	0.29	0.042
1339212	Soil		0.9	18.5	8.7	56	0.1	16.0	9.5	259	2.62	32.6	1.0	10.8	2.9	17	<0.1	0.5	0.1	60	0.33	0.045
1339225	Soil		0.7	17.5	8.1	55	0.1	12.9	13.3	896	2.22	26.6	0.9	10.4	1.6	24	<0.1	0.4	0.1	54	0.58	0.054
1339217	Soil		1.1	17.7	8.3	59	0.1	16.5	10.6	317	2.75	32.1	0.8	5.1	2.3	17	<0.1	0.5	0.1	68	0.33	0.046
1339220	Soil		1.1	19.9	8.2	52	0.1	17.7	10.2	292	2.84	26.2	0.8	5.9	2.8	18	0.1	0.4	0.1	71	0.33	0.041
1336432	Soil		0.6	26.3	5.6	57	<0.1	15.8	12.6	329	3.02	6.0	0.4	1.9	2.8	16	<0.1	0.3	<0.1	82	0.30	0.033
1336434	Soil		1.1	31.9	9.1	67	0.1	23.3	11.0	387	2.81	9.3	1.0	2.1	3.9	23	0.2	0.6	0.2	67	0.41	0.061
1336436	Soil		0.8	27.6	7.5	60	0.1	19.7	8.5	229	2.42	6.5	0.9	4.9	3.2	22	0.2	0.5	0.1	57	0.38	0.057
1353102	Soil		0.7	12.6	7.1	49	<0.1	13.3	7.6	240	2.69	31.0	0.7	8.1	2.6	17	0.1	0.4	0.2	65	0.39	0.045
1336433	Soil		0.7	22.3	6.4	54	<0.1	15.1	10.9	290	2.86	5.3	0.6	4.6	3.9	15	<0.1	0.3	0.1	79	0.27	0.026
1336439	Soil		0.8	23.3	6.4	52	<0.1	17.5	9.4	154	2.61	5.1	0.8	4.1	3.2	14	<0.1	0.3	0.1	68	0.24	0.043
1353103	Soil		0.6	16.6	7.7	49	<0.1	14.1	10.9	250	2.39	10.9	0.8	3.6	2.2	15	<0.1	0.3	0.1	61	0.27	0.046
1353107	Soil		0.7	27.8	4.4	59	<0.1	16.9	12.9	420	3.28	5.7	0.6	1.1	4.1	15	<0.1	0.4	<0.1	84	0.35	0.045
1336435	Soil		0.8	28.7	8.3	60	0.1	20.0	9.6	275	2.54	7.4	0.9	9.7	3.3	21	0.1	0.5	0.1	59	0.35	0.052
1336438	Soil		0.4	25.2	4.4	51	<0.1	16.8	11.8	250	2.72	3.2	0.7	1.6	4.2	13	<0.1	0.3	<0.1	77	0.33	0.057
1353105	Soil		1.1	19.0	7.8	50	0.1	16.5	21.7	1119	3.12	17.8	0.9	3.2	2.3	19	0.2	0.3	0.1	65	0.36	0.055
1353106	Soil		0.7	20.1	8.0	51	<0.1	15.9	10.9	324	2.48	8.1	0.8	6.1	2.3	17	0.1	0.3	0.1	62	0.29	0.048
1353104	Soil		0.8	19.7	8.3	53	<0.1	17.4	10.0	253	2.56	11.2	0.9	2.6	2.3	17	<0.1	0.4	0.1	63	0.30	0.053
1336437	Soil		0.4	20.1	6.5	57	<0.1	15.2	7.3	193	1.85	4.9	0.7	9.9	2.8	20	0.2	0.3	<0.1	52	0.41	0.048
1353108	Soil		0.8	22.5	7.1	49	<0.1	17.4	9.8	256	2.54	7.4	0.8	1.8	2.9	16	<0.1	0.4	0.1	63	0.25	0.038

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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: November 04, 2013

CERTIFICATE OF ANALYSIS WHI13000529.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1339213	Soil		14	24	0.47	293	0.041	<1	1.73	0.010	0.05	0.1	0.04	4.8	0.1	<0.05	5	<0.5	<0.2
1339211	Soil		15	25	0.47	345	0.042	1	1.55	0.011	0.05	0.2	0.04	5.2	<0.1	<0.05	5	<0.5	<0.2
1339216	Soil		14	27	0.56	310	0.054	<1	1.77	0.010	0.08	0.2	0.03	5.2	<0.1	<0.05	5	<0.5	<0.2
1339224	Soil		11	23	0.42	337	0.032	<1	1.46	0.010	0.05	0.1	0.06	4.7	<0.1	<0.05	5	<0.5	<0.2
1339214	Soil		13	27	0.55	294	0.053	<1	1.89	0.010	0.08	0.1	0.03	5.2	0.1	<0.05	5	<0.5	<0.2
1339221	Soil		14	28	0.56	350	0.045	<1	1.78	0.010	0.05	0.1	0.04	6.6	0.1	<0.05	5	<0.5	<0.2
1336431	Soil		12	20	0.35	384	0.026	<1	1.27	0.009	0.04	0.2	0.06	4.3	<0.1	<0.05	4	<0.5	<0.2
1336430	Soil		12	21	0.39	315	0.028	1	1.29	0.008	0.04	0.2	0.06	4.1	<0.1	<0.05	4	<0.5	<0.2
1339219	Soil		10	24	0.46	306	0.033	1	1.52	0.010	0.06	0.1	0.05	5.9	<0.1	<0.05	5	<0.5	<0.2
1339222	Soil		14	25	0.52	239	0.048	2	1.65	0.008	0.06	0.1	0.04	4.5	<0.1	<0.05	5	<0.5	<0.2
1339212	Soil		15	25	0.48	315	0.037	1	1.68	0.009	0.05	0.2	0.05	4.7	<0.1	<0.05	5	<0.5	<0.2
1339225	Soil		12	24	0.45	378	0.031	1	1.58	0.010	0.05	0.1	0.04	5.0	<0.1	<0.05	5	<0.5	<0.2
1339217	Soil		12	28	0.55	289	0.040	1	1.70	0.009	0.04	0.2	0.04	4.7	<0.1	<0.05	5	<0.5	<0.2
1339220	Soil		13	29	0.50	300	0.042	1	1.73	0.009	0.05	0.1	0.04	5.6	0.1	<0.05	5	<0.5	<0.2
1336432	Soil		9	26	0.88	270	0.096	1	1.93	0.012	0.18	0.1	0.01	4.9	0.1	<0.05	6	<0.5	<0.2
1336434	Soil		15	29	0.58	329	0.077	1	1.59	0.016	0.09	0.2	0.04	5.3	<0.1	<0.05	5	<0.5	<0.2
1336436	Soil		15	27	0.52	303	0.067	1	1.53	0.014	0.05	0.2	0.03	4.4	<0.1	<0.05	5	<0.5	<0.2
1353102	Soil		12	22	0.42	310	0.033	<1	1.44	0.008	0.04	0.2	0.04	4.4	0.1	<0.05	5	<0.5	<0.2
1336433	Soil		14	30	0.80	290	0.116	<1	1.87	0.013	0.15	0.1	0.03	4.3	0.1	<0.05	6	<0.5	<0.2
1336439	Soil		14	33	0.62	194	0.074	1	1.73	0.011	0.06	0.2	0.04	4.3	<0.1	<0.05	6	<0.5	<0.2
1353103	Soil		13	24	0.45	294	0.047	<1	1.55	0.009	0.04	0.2	0.04	4.2	<0.1	<0.05	5	<0.5	<0.2
1353107	Soil		12	30	1.03	381	0.130	<1	1.90	0.015	0.29	0.1	0.01	5.6	0.2	<0.05	7	<0.5	<0.2
1336435	Soil		16	28	0.51	300	0.067	1	1.62	0.014	0.04	0.2	0.05	4.7	<0.1	<0.05	5	<0.5	<0.2
1336438	Soil		15	40	0.91	286	0.094	1	1.81	0.013	0.26	0.2	0.02	5.9	0.1	<0.05	6	<0.5	<0.2
1353105	Soil		14	26	0.44	355	0.050	<1	1.48	0.009	0.04	0.1	0.05	4.5	<0.1	<0.05	5	<0.5	<0.2
1353106	Soil		12	27	0.45	249	0.062	<1	1.67	0.010	0.05	0.1	0.04	4.1	<0.1	<0.05	5	<0.5	<0.2
1353104	Soil		13	29	0.46	287	0.054	<1	1.57	0.010	0.04	0.2	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
1336437	Soil		14	24	0.49	277	0.059	<1	1.28	0.013	0.05	0.2	0.04	4.3	<0.1	<0.05	4	<0.5	<0.2
1353108	Soil		13	29	0.53	239	0.060	<1	1.66	0.011	0.04	0.2	0.02	4.0	<0.1	<0.05	5	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 04, 2013

QUALITY CONTROL REPORT WHI13000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																					
1353083	Soil	0.7	20.6	8.9	89	<0.1	14.2	12.3	504	3.24	4.9	0.7	1.3	3.5	15	0.2	0.3	0.2	83	0.36	0.038
REP 1353083	QC	0.7	20.7	8.9	85	<0.1	14.4	11.9	501	3.24	4.6	0.7	1.4	3.6	15	0.2	0.3	0.2	85	0.35	0.038
1339118	Soil	0.6	25.2	6.5	48	<0.1	16.9	8.0	281	2.57	6.8	1.1	3.6	5.2	24	<0.1	0.5	<0.1	64	0.38	0.048
REP 1339118	QC	0.7	24.8	6.6	51	<0.1	16.8	8.3	281	2.65	7.2	1.1	2.2	5.3	23	<0.1	0.5	0.1	63	0.40	0.050
1360382	Soil	0.8	16.4	8.0	55	0.1	14.4	10.6	496	2.85	22.7	0.9	5.8	2.8	22	0.2	0.5	0.1	68	0.40	0.050
REP 1360382	QC	0.7	15.4	8.1	58	0.1	15.1	10.8	496	2.78	23.6	0.9	8.4	2.9	23	0.2	0.4	0.1	66	0.40	0.050
1298249	Soil	0.8	24.9	6.9	69	0.2	14.8	10.4	432	3.13	12.0	0.8	5.7	3.4	18	<0.1	0.4	<0.1	77	0.46	0.047
REP 1298249	QC	0.9	25.2	6.8	69	0.2	14.9	10.4	418	3.11	12.1	0.8	4.4	3.3	18	0.1	0.4	0.1	75	0.43	0.046
1356206	Soil	0.4	14.0	2.3	61	<0.1	16.1	17.5	554	3.58	3.7	0.3	1.0	3.5	13	<0.1	0.1	0.2	98	0.50	0.066
REP 1356206	QC	0.4	14.6	2.4	63	<0.1	15.7	17.4	561	3.61	3.3	0.3	1.0	3.5	13	<0.1	0.1	<0.1	101	0.52	0.066
1338889	Soil	0.9	16.1	7.4	47	<0.1	11.5	7.8	308	2.47	8.0	0.9	2.2	2.5	22	0.2	0.3	0.2	50	0.56	0.062
REP 1338889	QC	0.8	16.4	7.3	49	0.1	11.7	7.6	315	2.43	7.8	0.9	2.4	2.4	21	0.1	0.3	0.2	51	0.57	0.064
1353108	Soil	0.8	22.5	7.1	49	<0.1	17.4	9.8	256	2.54	7.4	0.8	1.8	2.9	16	<0.1	0.4	0.1	63	0.25	0.038
REP 1353108	QC	0.6	21.4	6.8	49	<0.1	16.5	9.6	262	2.50	7.4	0.8	3.8	2.9	16	<0.1	0.4	0.1	61	0.25	0.035
Reference Materials																					
STD DS10	Standard	16.2	162.0	146.8	352	1.9	78.0	13.9	888	2.80	41.2	2.3	86.0	6.8	58	2.3	7.1	9.8	49	1.06	0.070
STD DS10	Standard	15.2	158.4	139.7	342	1.9	77.5	13.3	854	2.62	41.4	2.2	204.4	6.5	56	2.3	7.6	9.9	48	1.02	0.068
STD DS10	Standard	14.3	149.7	133.0	327	1.9	73.0	12.7	828	2.54	39.8	2.2	73.6	6.1	54	2.4	7.2	9.4	43	0.99	0.070
STD DS10	Standard	15.6	158.4	140.4	350	2.0	77.3	13.4	868	2.73	43.1	2.3	104.1	6.6	57	2.5	7.6	9.9	48	1.08	0.071
STD DS10	Standard	15.5	162.3	143.9	358	2.0	79.3	13.5	879	2.76	42.8	2.3	78.7	6.6	53	2.4	7.3	9.7	49	1.02	0.067
STD DS10	Standard	16.2	159.3	159.3	373	2.2	79.2	13.4	939	2.84	47.0	2.7	106.1	8.4	76	2.6	9.2	12.3	48	1.15	0.078
STD DS10	Standard	14.7	154.0	148.6	353	2.0	74.0	13.3	885	2.79	44.7	2.4	81.8	7.3	66	2.6	8.8	11.7	47	1.10	0.077
STD OXC109	Standard	1.6	37.7	11.1	40	<0.1	78.8	21.3	416	3.03	0.6	0.5	207.7	1.3	141	<0.1	<0.1	<0.1	59	0.79	0.104
STD OXC109	Standard	1.7	38.0	10.3	41	<0.1	79.3	21.0	419	2.97	0.7	0.5	212.5	1.3	137	<0.1	<0.1	<0.1	55	0.74	0.104
STD OXC109	Standard	1.5	35.7	9.8	39	<0.1	74.4	19.9	397	2.82	<0.5	0.5	206.9	1.3	133	<0.1	<0.1	<0.1	53	0.69	0.096
STD OXC109	Standard	1.7	38.6	9.8	40	<0.1	78.8	20.6	425	3.02	1.4	0.5	205.9	1.3	135	<0.1	<0.1	<0.1	55	0.74	0.102
STD OXC109	Standard	1.6	38.7	10.7	39	<0.1	83.6	21.4	414	2.97	0.8	0.5	210.7	1.4	125	<0.1	<0.1	<0.1	58	0.69	0.102
STD OXC109	Standard	1.5	34.8	11.7	39	<0.1	72.6	19.7	424	2.86	1.1	0.6	228.2	1.6	159	<0.1	<0.1	<0.1	52	0.77	0.107

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 04, 2013

QUALITY CONTROL REPORT WHI13000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																		
1353083	Soil	13	29	0.71	340	0.073	<1	1.89	0.010	0.13	0.1	0.03	6.8	0.1	<0.05	6	<0.5	<0.2
REP 1353083	QC	13	29	0.70	340	0.072	<1	1.91	0.010	0.14	0.1	0.02	6.9	<0.1	<0.05	6	<0.5	<0.2
1339118	Soil	18	28	0.63	309	0.106	<1	1.49	0.021	0.12	0.1	0.04	6.6	<0.1	<0.05	5	<0.5	<0.2
REP 1339118	QC	18	29	0.63	309	0.100	1	1.53	0.020	0.13	0.2	0.03	6.3	<0.1	<0.05	5	0.6	<0.2
1360382	Soil	12	25	0.57	321	0.062	1	1.79	0.014	0.08	0.2	0.03	5.2	<0.1	<0.05	5	0.5	<0.2
REP 1360382	QC	13	25	0.55	324	0.062	<1	1.78	0.013	0.08	0.2	0.03	5.4	<0.1	<0.05	5	<0.5	<0.2
1298249	Soil	15	30	0.60	377	0.063	<1	1.90	0.012	0.15	0.1	0.05	8.3	0.1	<0.05	5	<0.5	<0.2
REP 1298249	QC	14	30	0.59	382	0.061	<1	1.77	0.011	0.15	0.1	0.04	8.1	0.1	<0.05	6	<0.5	<0.2
1356206	Soil	6	36	1.45	335	0.225	<1	2.39	0.015	0.63	0.1	<0.01	6.1	0.2	<0.05	8	<0.5	<0.2
REP 1356206	QC	6	37	1.49	340	0.235	<1	2.41	0.016	0.64	0.1	<0.01	6.1	0.2	<0.05	9	<0.5	<0.2
1338889	Soil	14	20	0.28	374	0.030	<1	1.21	0.010	0.04	0.1	0.04	3.5	<0.1	<0.05	4	<0.5	<0.2
REP 1338889	QC	14	20	0.29	366	0.030	<1	1.23	0.010	0.04	0.1	0.04	3.6	<0.1	<0.05	4	<0.5	<0.2
1353108	Soil	13	29	0.53	239	0.060	<1	1.66	0.011	0.04	0.2	0.02	4.0	<0.1	<0.05	5	<0.5	<0.2
REP 1353108	QC	14	28	0.50	236	0.059	<1	1.55	0.010	0.05	0.1	0.03	4.2	<0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	18	60	0.78	357	0.073	7	1.07	0.068	0.32	3.2	0.28	2.9	4.8	0.25	4	2.3	4.8
STD DS10	Standard	17	58	0.75	338	0.070	7	1.02	0.051	0.32	3.1	0.30	2.9	4.9	0.24	4	2.0	4.6
STD DS10	Standard	16	56	0.71	316	0.065	6	0.97	0.055	0.34	3.1	0.34	2.8	4.7	0.23	4	1.9	4.7
STD DS10	Standard	18	58	0.78	351	0.069	7	1.07	0.062	0.32	3.1	0.29	2.9	4.8	0.22	4	2.1	4.8
STD DS10	Standard	16	59	0.77	347	0.068	6	1.01	0.051	0.31	3.1	0.28	2.7	4.8	0.26	4	2.1	4.7
STD DS10	Standard	20	59	0.81	385	0.086	7	1.12	0.077	0.37	3.3	0.33	3.2	5.1	0.26	5	2.4	5.1
STD DS10	Standard	17	59	0.78	355	0.079	7	1.06	0.072	0.34	3.4	0.30	3.1	4.8	0.26	4	2.5	4.9
STD OXC109	Standard	12	67	1.53	58	0.348	2	1.62	0.674	0.44	0.2	<0.01	1.4	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	12	65	1.48	55	0.365	1	1.60	0.672	0.41	0.2	<0.01	1.0	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	12	63	1.42	51	0.328	2	1.50	0.654	0.40	0.2	<0.01	1.2	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	65	1.50	56	0.347	1	1.59	0.682	0.40	0.2	<0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	65	1.46	53	0.352	1	1.51	0.637	0.39	0.2	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	62	1.48	58	0.407	1	1.70	0.729	0.42	0.2	<0.01	1.2	<0.1	<0.05	6	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 04, 2013

QUALITY CONTROL REPORT WHI13000529.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD OXC109	Standard	1.5	38.2	12.0	42	<0.1	75.8	20.2	444	3.04	0.6	0.6	213.3	1.6	144	<0.1	<0.1	<0.1	52	0.79	0.107
STD DS10 Expected		14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	2.59	91.9	7.5	67.1	2.48	9.51	11.65	43	1.0355	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	3	<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
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	3	<0.01	<0.001

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 04, 2013

QUALITY CONTROL REPORT WHI13000529.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD OXC109	Standard	12	63	1.40	54	0.377	2	1.55	0.700	0.43	0.2	<0.01	1.2	<0.1	<0.05	5	<0.5	<0.2
STD DS10 Expected		17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
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
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
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: October 18, 2013
Report Date: October 30, 2013
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI13000530.1

CLIENT JOB INFORMATION

Project: NIN
Shipment ID: FIFSOIL13-001
P.O. Number
Number of Samples: 32

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	32	Dry at 60C			WHI
SS80	31	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	32	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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 30, 2013

CERTIFICATE OF ANALYSIS WHI13000530.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1330496	Soil	0.9	233.0	67.4	376	4.8	49.2	16.2	923	4.19	827.4	1.7	191.7	3.5	36	4.1	7.0	1.3	78	0.78	0.062
1330490	Soil	0.9	126.7	33.8	157	1.3	30.9	16.5	1226	4.36	100.3	1.1	26.4	4.8	30	0.8	1.2	0.2	90	0.87	0.049
1330491	Soil	1.1	49.1	182.8	264	0.5	40.7	21.2	1411	5.43	299.7	0.6	16.4	6.3	9	1.0	2.8	0.1	115	0.17	0.021
1330482	Soil	0.6	34.2	20.2	110	0.1	29.6	16.7	599	3.62	6.3	0.6	<0.5	4.0	17	0.2	0.3	0.1	82	0.42	0.048
1330495	Soil	1.2	75.7	326.6	430	1.9	36.2	17.8	1412	4.91	596.1	0.9	50.5	6.2	18	2.3	8.9	1.6	90	0.39	0.042
1330484	Soil	0.7	46.1	15.8	67	0.7	21.0	9.5	547	2.50	7.5	1.0	3.0	1.7	35	0.8	0.6	0.3	52	1.18	0.066
1330487	Soil	0.5	37.5	20.1	98	0.2	31.1	16.2	584	3.96	11.5	0.5	0.9	4.7	19	0.2	0.5	0.1	82	0.38	0.033
1330485	Soil	0.8	27.3	19.5	75	0.1	22.6	11.3	442	3.29	9.0	0.8	1.5	4.5	20	0.2	0.5	0.2	71	0.35	0.033
1330497	Soil	1.2	54.0	12.4	78	<0.1	29.7	11.7	497	3.52	3.8	1.9	<0.5	9.7	19	<0.1	0.3	0.2	59	0.09	0.034
1330483	Soil	0.9	39.9	13.7	85	0.2	27.1	13.8	580	3.34	8.8	0.8	<0.5	3.5	22	0.3	0.6	0.3	79	0.59	0.042
1330488	Soil	0.9	36.7	53.9	146	0.7	30.6	15.0	932	3.92	46.4	0.9	1.8	5.5	18	0.3	1.9	0.1	76	0.38	0.038
1330489	Soil	1.1	36.1	37.9	201	1.2	30.8	16.1	1049	4.29	79.7	0.9	5.0	4.9	18	0.4	1.8	0.2	85	0.34	0.049
1330494	Soil	1.0	90.8	95.5	241	1.9	32.3	16.8	846	4.30	275.5	0.6	29.1	4.4	18	0.7	2.6	0.3	97	0.40	0.032
1330486	Soil	0.8	32.6	22.4	87	0.3	23.4	12.0	435	3.28	10.6	0.7	0.7	4.2	21	0.2	0.5	0.3	82	0.38	0.034
1330493	Soil	1.0	127.8	63.0	84	6.5	18.6	9.5	711	2.28	114.0	2.2	61.9	2.2	31	1.2	1.5	0.4	46	0.71	0.051
1330492	Soil	1.0	56.2	45.8	131	0.4	34.3	16.6	896	4.20	217.3	0.8	20.7	7.8	15	0.2	2.3	0.2	78	0.32	0.019
1338806	Soil	0.9	34.4	12.6	66	0.2	24.9	10.3	407	3.35	4.0	1.6	0.9	7.6	24	<0.1	0.3	0.2	49	0.21	0.036
1338804	Soil	0.4	22.9	12.3	69	<0.1	25.6	9.6	326	3.41	1.9	1.6	<0.5	13.2	19	<0.1	0.1	0.2	41	0.21	0.029
1338802	Soil	1.2	45.6	13.0	71	<0.1	30.8	15.4	1041	3.21	3.7	1.7	<0.5	8.5	25	<0.1	0.3	0.2	55	0.25	0.039
1330499	Soil	0.7	31.4	12.2	65	0.1	23.7	10.1	293	2.92	3.1	1.9	0.8	8.0	23	0.1	0.3	0.2	46	0.21	0.047
1330500	Soil	1.3	35.0	15.5	71	0.2	30.1	14.0	661	3.62	3.4	1.9	<0.5	9.0	33	<0.1	0.3	0.2	48	0.37	0.060
1338801	Rock Pulp	1.4	422.3	21.6	159	0.2	208.6	71.5	806	15.34	3.5	1.2	31.6	7.5	15	<0.1	0.3	0.2	219	0.29	0.041
1338803	Soil	0.8	32.5	10.5	72	<0.1	26.8	10.8	495	3.26	4.0	1.0	0.7	9.1	16	<0.1	0.3	0.2	50	0.14	0.042
1330498	Soil	1.3	57.8	12.7	79	<0.1	32.9	14.1	650	3.51	2.3	2.1	1.4	10.3	19	<0.1	0.3	0.2	51	0.10	0.037
1338807	Soil	0.9	37.3	9.8	66	<0.1	22.6	10.2	427	2.93	3.3	1.8	0.7	7.8	20	<0.1	0.3	0.2	43	0.22	0.036
1338810	Soil	0.7	57.8	21.7	161	0.6	44.3	13.2	815	3.04	113.1	1.1	12.6	5.7	28	0.9	1.7	0.4	51	0.41	0.046
1338812	Soil	1.0	14.7	17.1	113	0.8	15.6	10.9	1342	2.51	57.9	0.3	<0.5	1.6	18	1.2	0.6	0.1	64	0.34	0.023
1338805	Soil	0.6	29.6	14.9	75	<0.1	28.6	15.1	543	3.43	2.1	2.5	<0.5	12.1	27	<0.1	0.2	0.2	44	0.29	0.037
1338809	Soil	1.1	38.3	12.3	70	<0.1	27.1	9.6	340	3.16	2.8	1.1	0.8	8.6	18	<0.1	0.2	0.2	44	0.13	0.033
1338811	Soil	1.0	64.7	113.7	209	2.3	28.4	13.0	912	3.37	448.8	1.3	87.2	3.7	29	1.0	4.0	0.3	66	0.85	0.063

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 30, 2013

CERTIFICATE OF ANALYSIS WHI13000530.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1330496	Soil	21	102	1.21	283	0.073	1	2.09	0.011	0.20	0.2	0.11	11.2	0.3	0.07	5	0.5	<0.2
1330490	Soil	19	102	1.42	347	0.114	1	2.33	0.013	0.32	0.1	0.09	14.8	0.2	<0.05	6	0.6	<0.2
1330491	Soil	13	143	1.82	408	0.143	<1	3.29	0.010	0.70	0.2	0.02	12.3	0.4	<0.05	9	<0.5	<0.2
1330482	Soil	9	91	1.39	303	0.153	<1	2.23	0.011	0.36	0.2	0.02	5.5	0.2	<0.05	7	<0.5	<0.2
1330495	Soil	17	103	1.45	330	0.100	<1	2.32	0.010	0.25	0.2	0.04	11.9	0.2	<0.05	7	<0.5	<0.2
1330484	Soil	18	50	0.64	462	0.058	<1	1.70	0.011	0.12	0.1	0.14	8.2	0.1	<0.05	5	0.7	<0.2
1330487	Soil	12	97	1.54	275	0.164	<1	2.38	0.009	0.33	0.2	0.02	6.4	0.2	<0.05	7	<0.5	<0.2
1330485	Soil	13	64	1.01	250	0.105	1	2.01	0.012	0.10	0.2	0.04	5.7	0.1	<0.05	6	<0.5	<0.2
1330497	Soil	31	33	0.59	273	0.126	<1	1.98	0.005	0.51	<0.1	0.03	5.9	0.3	<0.05	6	0.5	<0.2
1330483	Soil	10	73	1.04	324	0.111	<1	1.99	0.011	0.16	0.2	0.05	6.4	0.1	<0.05	6	<0.5	<0.2
1330488	Soil	16	73	1.09	313	0.110	<1	1.88	0.010	0.19	0.1	0.05	8.1	0.1	<0.05	6	<0.5	<0.2
1330489	Soil	14	87	1.20	332	0.092	<1	2.20	0.010	0.25	0.2	0.07	8.9	0.2	<0.05	7	<0.5	<0.2
1330494	Soil	12	104	1.61	338	0.152	1	2.50	0.011	0.25	0.2	0.02	7.2	0.2	<0.05	8	<0.5	<0.2
1330486	Soil	13	65	0.96	268	0.116	<1	2.06	0.011	0.14	0.2	0.04	5.8	0.1	<0.05	7	<0.5	<0.2
1330493	Soil	21	47	0.58	414	0.069	<1	1.59	0.021	0.08	0.2	0.12	10.5	0.2	<0.05	5	<0.5	<0.2
1330492	Soil	17	96	1.36	294	0.154	<1	2.43	0.011	0.41	0.2	0.03	7.7	0.4	<0.05	7	<0.5	<0.2
1338806	Soil	31	34	0.59	267	0.134	<1	2.10	0.011	0.38	<0.1	0.02	4.5	0.3	<0.05	7	<0.5	<0.2
1338804	Soil	32	33	0.60	160	0.173	<1	1.79	0.008	0.72	<0.1	<0.01	4.5	0.5	<0.05	6	<0.5	<0.2
1338802	Soil	27	33	0.62	213	0.134	<1	1.77	0.007	0.50	<0.1	0.02	5.0	0.3	<0.05	6	<0.5	<0.2
1330499	Soil	33	33	0.55	306	0.123	<1	1.78	0.009	0.34	<0.1	0.03	4.7	0.3	<0.05	6	<0.5	<0.2
1330500	Soil	36	33	0.57	311	0.124	<1	2.08	0.009	0.46	<0.1	0.04	5.4	0.3	<0.05	6	0.6	<0.2
1338801	Rock Pulp	19	683	0.13	146	0.179	4	4.32	0.012	0.07	<0.1	0.04	40.8	<0.1	<0.05	21	<0.5	<0.2
1338803	Soil	25	34	0.66	218	0.170	<1	1.86	0.007	0.63	<0.1	0.02	4.5	0.4	<0.05	6	<0.5	<0.2
1330498	Soil	32	35	0.56	295	0.129	<1	1.81	0.006	0.48	<0.1	0.03	5.7	0.4	<0.05	6	<0.5	<0.2
1338807	Soil	26	29	0.53	259	0.128	<1	1.51	0.006	0.40	<0.1	0.02	4.2	0.3	<0.05	5	<0.5	<0.2
1338810	Soil	23	71	0.92	259	0.101	<1	1.73	0.009	0.29	0.1	0.04	5.3	0.3	<0.05	6	<0.5	<0.2
1338812	Soil	6	44	0.56	237	0.099	<1	1.50	0.017	0.15	0.2	0.06	2.8	0.1	<0.05	6	<0.5	<0.2
1338805	Soil	44	35	0.62	225	0.155	<1	2.07	0.008	0.70	<0.1	0.02	4.6	0.4	<0.05	7	<0.5	<0.2
1338809	Soil	25	30	0.54	182	0.130	<1	1.75	0.007	0.56	<0.1	0.01	4.0	0.3	<0.05	6	<0.5	<0.2
1338811	Soil	20	66	1.02	229	0.081	2	1.76	0.016	0.16	0.3	0.09	9.5	0.1	<0.05	5	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 30, 2013

CERTIFICATE OF ANALYSIS WHI13000530.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1338813	Soil		1.0	47.5	90.3	142	0.5	30.7	15.4	654	3.64	99.0	0.6	12.0	4.3	17	0.6	1.3	0.2	79	0.35	0.025
1338808	Soil		1.1	41.3	13.4	74	<0.1	29.3	13.0	516	3.41	2.7	1.4	3.7	10.4	19	<0.1	0.2	0.2	45	0.14	0.035

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 30, 2013

CERTIFICATE OF ANALYSIS WHI13000530.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1338813	Soil	11	83	1.41	188	0.122	<1	2.13	0.012	0.11	0.2	0.03	5.9	0.1	<0.05	7	<0.5	<0.2
1338808	Soil	33	31	0.61	236	0.165	<1	1.82	0.007	0.65	<0.1	0.02	5.1	0.4	<0.05	6	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 30, 2013

QUALITY CONTROL REPORT WHI13000530.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																					
1330488	Soil	0.9	36.7	53.9	146	0.7	30.6	15.0	932	3.92	46.4	0.9	1.8	5.5	18	0.3	1.9	0.1	76	0.38	0.038
REP 1330488	QC	1.0	36.0	54.0	146	0.7	31.0	15.2	929	3.73	46.1	1.0	2.9	5.2	19	0.3	1.9	0.1	74	0.39	0.037
Reference Materials																					
STD DS10	Standard	15.1	152.0	149.9	344	2.0	74.3	12.5	849	2.78	44.8	2.6	79.6	7.8	68	2.5	9.1	11.1	45	1.02	0.077
STD OXC109	Standard	1.3	35.6	11.1	40	<0.1	71.2	19.0	409	3.11	0.9	0.6	220.0	1.4	144	<0.1	<0.1	<0.1	50	0.75	0.110
STD DS10 Expected		14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	2.59	91.9	7.5	67.1	2.48	9.51	11.65	43	1.0355	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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: October 30, 2013

QUALITY CONTROL REPORT WHI13000530.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																		
1330488	Soil	16	73	1.09	313	0.110	<1	1.88	0.010	0.19	0.1	0.05	8.1	0.1	<0.05	6	<0.5	<0.2
REP 1330488	QC	16	74	1.08	312	0.109	<1	1.90	0.010	0.18	0.1	0.05	8.5	0.2	<0.05	6	0.8	<0.2
Reference Materials																		
STD DS10	Standard	18	58	0.74	367	0.083	7	1.06	0.058	0.33	3.3	0.29	3.1	4.9	0.23	4	1.8	5.2
STD OXC109	Standard	12	60	1.46	56	0.371	2	1.53	0.661	0.41	0.2	<0.01	1.5	<0.1	<0.05	5	<0.5	<0.2
STD DS10 Expected		17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: October 18, 2013
Report Date: November 01, 2013
Page: 1 of 8

CERTIFICATE OF ANALYSIS WHI13000531.1

CLIENT JOB INFORMATION

Project: NIN
Shipment ID: FIFSOIL13-001
P.O. Number
Number of Samples: 195

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	195	Dry at 60C			WHI
SS80	193	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	194	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 01, 2013

CERTIFICATE OF ANALYSIS WHI13000531.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1360395	Soil	1.0	23.2	31.2	101	<0.1	10.1	10.1	505	2.96	9.1	0.5	5.3	3.7	9	0.2	1.7	<0.1	54	0.16	0.020
1360393	Soil	4.1	819.2	11.1	58	0.4	14.9	15.7	376	3.77	2.7	0.4	9.7	3.8	15	0.4	2.0	0.1	128	0.39	0.034
1360388	Soil	3.2	447.3	7.0	114	0.1	13.4	26.7	426	4.34	2.9	0.5	2.5	3.2	11	0.6	0.9	<0.1	121	0.20	0.024
1360384	Soil	6.3	350.4	22.2	590	0.1	21.9	70.1	1402	5.66	1.8	1.3	2.4	5.3	28	1.9	0.3	0.3	133	0.35	0.037
1360399	Soil	1.1	66.1	135.2	712	0.4	17.9	19.6	1084	4.01	2.4	0.4	31.2	2.0	11	1.1	0.9	0.2	109	0.20	0.029
1316701	Rock Pulp	1.4	459.0	22.4	166	0.2	223.6	76.1	838	15.63	3.0	1.3	34.7	7.1	13	<0.1	0.3	0.1	217	0.29	0.044
1360390	Soil	3.0	324.9	22.5	132	0.4	13.0	14.5	436	3.61	3.2	0.5	8.9	3.4	11	0.3	0.6	<0.1	91	0.18	0.016
1360386	Soil	2.2	53.8	10.0	125	0.4	6.9	13.2	616	3.93	2.4	0.5	2.2	2.4	15	0.4	0.2	0.3	93	0.27	0.020
1360398	Soil	1.1	60.7	16.5	342	0.2	16.7	17.1	900	3.60	2.5	0.4	8.7	2.3	14	0.9	1.2	<0.1	98	0.27	0.028
1360392	Soil	2.9	598.8	13.7	84	0.2	25.9	21.7	565	4.54	4.1	0.4	6.6	3.7	9	0.3	0.6	0.2	140	0.18	0.032
1360389	Soil	2.1	151.8	19.0	170	0.4	12.5	12.8	426	3.82	4.6	0.6	2.2	3.5	14	0.5	0.6	0.2	96	0.19	0.016
1360387	Soil	2.1	154.4	18.6	193	0.4	20.5	23.0	1156	6.09	19.2	1.2	6.2	7.0	14	0.7	7.1	0.4	119	0.36	0.042
1338774	Soil	0.6	38.9	54.0	179	<0.1	19.7	21.0	1177	4.26	1.1	0.7	9.3	4.1	14	0.2	1.4	<0.1	117	0.21	0.023
1360394	Soil	0.9	21.6	41.0	103	<0.1	14.7	9.5	435	2.94	4.5	0.5	<0.5	2.9	19	0.3	0.6	<0.1	72	0.32	0.019
1360391	Soil	3.7	307.7	17.5	93	0.6	15.9	16.4	854	3.49	6.0	0.4	10.1	2.7	18	0.4	0.7	0.2	91	0.31	0.027
1360385	Soil	3.3	210.0	15.4	187	0.2	9.2	15.2	633	5.17	2.5	0.7	1.6	4.3	12	0.4	0.3	0.8	124	0.13	0.023
1316705	Soil	2.6	125.9	138.9	668	0.8	25.5	26.1	1264	5.77	3.8	0.8	10.7	4.1	15	3.6	0.9	0.3	103	0.27	0.055
1316715	Soil	1.6	67.7	9.3	58	0.3	21.7	11.0	220	3.51	9.0	0.5	2.6	3.5	16	0.1	0.7	0.2	81	0.14	0.021
1316706	Soil	1.3	93.0	9.1	61	0.2	25.7	13.0	254	3.51	8.8	0.6	4.8	4.0	13	<0.1	0.6	0.1	84	0.18	0.021
1360396	Soil	1.0	31.5	16.5	102	<0.1	21.9	12.6	433	3.15	7.7	0.5	4.0	3.7	22	0.1	0.6	0.1	76	0.37	0.042
1316707	Soil	2.8	190.2	7.6	55	0.1	18.5	17.8	436	4.92	6.7	1.0	2.6	5.5	18	<0.1	2.0	0.7	72	0.21	0.021
1316702	Soil	1.0	30.1	16.6	107	0.2	14.2	10.9	467	3.07	3.4	0.4	1.3	2.4	14	0.3	0.7	<0.1	81	0.23	0.018
1316708	Soil	0.7	22.0	9.2	67	<0.1	12.2	8.5	199	2.80	5.3	0.4	0.9	2.0	16	<0.1	0.7	2.0	67	0.13	0.015
1360400	Soil	2.2	563.0	11.2	67	0.3	18.8	17.9	326	4.15	6.5	0.9	11.1	4.4	13	0.1	8.2	0.1	100	0.16	0.029
1316709	Soil	0.8	19.1	9.4	70	<0.1	14.9	8.7	242	2.63	4.8	0.5	2.0	2.8	21	<0.1	0.6	0.1	69	0.24	0.017
1316703	Soil	1.2	49.4	29.4	108	<0.1	21.3	12.7	435	3.37	6.4	0.6	4.3	3.5	18	0.2	0.9	0.1	83	0.28	0.017
1316710	Soil	0.9	12.4	10.5	49	<0.1	14.1	6.1	150	2.27	6.8	0.5	2.9	1.4	15	<0.1	0.4	0.1	55	0.16	0.032
1360397	Soil	5.6	95.8	432.9	885	0.5	24.1	18.4	1255	4.61	2.5	0.7	15.1	3.8	15	2.9	0.8	0.2	116	0.27	0.025
1316711	Soil	0.7	22.2	10.3	64	<0.1	20.6	10.1	354	2.61	8.3	0.9	3.4	3.9	22	<0.1	0.8	0.1	59	0.25	0.026
1316704	Soil	1.0	76.7	73.0	406	0.4	23.7	21.7	1271	4.96	3.1	0.6	6.5	2.4	20	1.2	1.0	0.1	118	0.47	0.046

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 01, 2013

CERTIFICATE OF ANALYSIS WHI13000531.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1360395	Soil	15	20	0.65	292	0.052	1	1.46	0.006	0.17	0.2	0.07	8.6	0.1	<0.05	4	<0.5	<0.2
1360393	Soil	12	34	1.63	922	0.059	<1	2.96	0.019	0.43	<0.1	0.16	14.1	0.3	<0.05	7	1.6	<0.2
1360388	Soil	11	50	1.54	755	0.177	<1	2.79	0.015	0.83	<0.1	0.02	9.7	0.4	<0.05	7	1.2	<0.2
1360384	Soil	17	65	1.98	1189	0.155	<1	3.31	0.018	0.89	<0.1	0.04	17.3	0.7	<0.05	9	1.7	0.2
1360399	Soil	6	50	1.75	489	0.150	<1	2.90	0.009	0.67	0.2	0.14	7.3	0.3	<0.05	7	<0.5	<0.2
1316701	Rock Pulp	18	751	0.13	144	0.183	4	4.45	0.013	0.06	<0.1	0.03	41.6	0.1	<0.05	21	<0.5	<0.2
1360390	Soil	9	26	1.19	417	0.160	<1	2.52	0.013	0.49	0.2	0.01	7.1	0.4	<0.05	7	<0.5	<0.2
1360386	Soil	7	16	1.24	601	0.184	<1	2.45	0.012	0.96	0.2	0.04	7.6	0.4	<0.05	8	<0.5	<0.2
1360398	Soil	6	43	1.42	645	0.129	<1	2.36	0.017	0.62	0.1	0.09	7.8	0.3	<0.05	6	<0.5	<0.2
1360392	Soil	6	78	1.84	422	0.142	1	3.93	0.020	0.68	0.1	0.04	14.3	0.5	<0.05	9	1.1	<0.2
1360389	Soil	12	29	1.28	535	0.159	<1	2.66	0.012	0.56	<0.1	0.03	7.6	0.4	<0.05	7	<0.5	<0.2
1360387	Soil	14	44	1.01	665	0.007	<1	1.65	0.005	0.17	0.2	0.19	23.5	<0.1	<0.05	5	<0.5	<0.2
1338774	Soil	12	58	2.01	772	0.157	<1	2.94	0.009	0.71	0.1	0.04	11.6	0.3	<0.05	8	<0.5	<0.2
1360394	Soil	11	28	0.94	725	0.128	2	1.85	0.012	0.22	0.2	0.03	5.8	0.2	<0.05	6	<0.5	<0.2
1360391	Soil	10	37	0.85	441	0.101	1	2.36	0.012	0.21	0.1	0.08	7.0	0.2	<0.05	7	0.7	<0.2
1360385	Soil	12	25	1.57	674	0.186	<1	3.35	0.019	1.12	0.2	<0.01	15.2	0.7	<0.05	10	0.6	<0.2
1316705	Soil	13	52	1.43	540	0.119	<1	2.61	0.011	0.55	0.1	0.16	10.6	0.3	<0.05	7	1.1	<0.2
1316715	Soil	11	42	0.76	340	0.097	1	2.60	0.012	0.15	0.1	0.03	5.6	0.1	<0.05	7	0.8	0.2
1316706	Soil	11	45	1.07	470	0.099	1	2.55	0.011	0.26	0.1	0.04	7.8	0.2	<0.05	6	<0.5	<0.2
1360396	Soil	13	39	0.94	396	0.114	<1	2.06	0.015	0.12	0.2	0.06	6.4	0.1	<0.05	5	<0.5	<0.2
1316707	Soil	19	43	1.02	571	0.028	<1	2.33	0.008	0.31	<0.1	0.20	17.5	0.2	<0.05	6	0.8	0.4
1316702	Soil	11	32	0.97	421	0.098	<1	1.95	0.010	0.21	0.1	0.04	7.4	0.2	<0.05	6	<0.5	<0.2
1316708	Soil	8	28	0.80	483	0.079	<1	1.81	0.010	0.21	<0.1	0.03	5.3	0.2	<0.05	6	0.6	1.3
1360400	Soil	17	50	1.23	427	0.093	1	2.48	0.012	0.34	<0.1	0.51	10.0	0.3	<0.05	7	1.8	0.2
1316709	Soil	12	32	0.76	502	0.098	<1	1.73	0.010	0.10	0.1	0.02	5.0	0.1	<0.05	6	<0.5	<0.2
1316703	Soil	11	46	0.99	305	0.097	2	2.22	0.010	0.09	0.1	0.06	7.2	0.1	<0.05	6	0.6	<0.2
1316710	Soil	10	25	0.38	336	0.033	<1	1.98	0.010	0.09	0.2	0.03	3.2	<0.1	<0.05	6	<0.5	<0.2
1360397	Soil	11	60	2.04	651	0.188	<1	3.39	0.010	0.86	0.2	0.40	6.7	0.5	<0.05	8	0.6	<0.2
1316711	Soil	18	31	0.58	454	0.065	1	1.77	0.013	0.08	0.2	0.04	6.3	0.1	<0.05	5	<0.5	<0.2
1316704	Soil	9	64	1.78	861	0.123	<1	2.54	0.014	0.62	0.1	0.14	15.8	0.3	<0.05	7	0.6	0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 01, 2013

CERTIFICATE OF ANALYSIS WHI13000531.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1316712	Soil	1.1	22.0	9.2	58	<0.1	19.9	11.3	266	3.09	6.2	0.5	1.6	3.4	18	<0.1	0.9	0.2	73	0.20	0.019
1338775	Soil	0.6	37.7	63.7	166	<0.1	19.8	22.0	1262	4.38	1.1	0.7	6.5	3.9	16	0.2	1.4	<0.1	120	0.25	0.023
1330450	Soil	1.4	14.0	10.6	50	0.1	13.6	5.5	167	2.72	10.2	0.4	2.4	1.3	12	0.2	0.8	0.2	76	0.10	0.036
1339209	Soil	1.1	20.9	10.9	57	0.1	17.8	6.7	127	2.70	10.0	0.9	2.8	2.1	17	0.1	0.6	0.1	59	0.23	0.050
1386724	Soil	0.6	11.3	5.7	38	<0.1	10.6	5.2	166	1.41	4.6	0.4	9.6	1.4	13	0.2	0.4	<0.1	41	0.15	0.033
1316713	Soil	0.9	39.4	5.3	61	<0.1	23.6	18.8	450	4.21	3.6	0.4	<0.5	2.2	11	0.3	0.5	0.2	114	0.20	0.020
1386720	Soil	0.9	20.8	10.0	51	0.2	19.7	7.3	171	2.39	9.6	0.9	3.5	2.4	22	0.3	0.9	0.2	48	0.30	0.061
1386718	Soil	0.9	17.8	9.4	45	0.1	14.7	5.8	137	2.09	7.6	0.7	3.5	1.2	17	<0.1	0.6	0.2	44	0.23	0.058
1339202	Soil	1.4	17.3	12.3	50	<0.1	15.2	7.0	288	2.30	9.8	0.5	4.3	0.8	10	0.2	0.8	0.1	56	0.08	0.053
1316714	Soil	2.1	213.2	5.8	77	0.2	10.4	13.2	468	4.69	3.8	0.7	1.1	3.7	34	<0.1	1.7	0.4	99	0.16	0.021
1330438	Soil	1.0	13.1	10.2	47	<0.1	14.8	6.5	228	2.23	8.3	0.4	15.2	1.3	10	0.2	0.9	<0.1	50	0.11	0.035
1339207	Soil	0.6	17.4	10.3	49	0.2	15.1	5.6	101	2.24	10.3	0.8	1.5	2.3	18	0.2	0.9	0.1	55	0.23	0.047
1386723	Soil	1.0	16.1	8.4	49	<0.1	16.7	7.9	247	2.25	9.0	0.6	5.0	3.1	13	0.2	1.1	<0.1	50	0.12	0.035
1386721	Soil	0.6	24.3	9.9	45	0.3	17.2	5.7	88	2.29	7.4	1.4	3.5	1.9	28	0.3	1.2	0.1	47	0.38	0.064
1330439	Soil	0.7	12.3	8.1	42	0.1	10.8	4.0	125	1.50	8.3	0.4	2.2	1.2	11	0.2	0.8	0.1	48	0.09	0.027
1330449	Soil	0.7	8.5	4.7	25	0.1	4.1	1.9	62	1.08	3.6	0.2	3.3	0.4	8	<0.1	0.3	<0.1	44	0.06	0.031
1386725	Soil	0.9	20.2	8.5	49	0.1	17.2	6.8	232	2.19	7.8	0.8	3.4	1.7	16	0.3	0.7	0.1	49	0.16	0.045
1386722	Soil	0.9	20.9	8.2	31	0.3	16.2	5.3	71	1.63	5.8	1.2	3.1	0.2	50	0.5	0.6	0.1	28	0.58	0.116
1386719	Soil	0.4	21.5	9.8	48	0.2	17.1	6.7	139	2.11	6.3	0.9	2.6	2.1	16	0.1	0.8	0.1	47	0.22	0.056
1330443	Soil	1.1	21.1	9.9	51	0.4	24.9	9.8	176	2.94	12.7	0.4	4.6	1.9	11	0.4	1.3	0.1	56	0.13	0.047
1339205	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1330447	Soil	1.3	21.9	11.3	53	0.2	22.7	10.7	274	2.82	11.2	0.7	3.6	2.2	11	0.3	0.9	0.1	67	0.12	0.042
1339204	Soil	0.4	23.2	10.6	63	0.2	17.8	5.9	110	1.95	6.9	0.9	2.6	3.3	21	0.2	1.0	0.1	50	0.29	0.047
1339201	Rock Pulp	1.2	430.3	21.7	161	0.2	212.5	73.6	801	15.02	2.9	1.2	33.4	7.2	13	<0.1	0.4	0.1	213	0.29	0.044
1339210	Soil	1.1	13.3	8.8	46	0.2	15.1	5.5	98	1.94	5.7	0.7	5.4	0.9	18	<0.1	0.5	0.1	39	0.22	0.054
1339206	Soil	0.7	20.1	9.7	53	0.2	19.4	7.7	172	2.34	7.5	0.9	3.8	2.4	20	0.1	0.8	0.2	52	0.25	0.047
1330444	Soil	1.4	21.1	10.9	35	0.2	10.5	3.1	136	2.36	8.7	0.4	4.1	1.8	10	0.1	0.9	0.2	66	0.07	0.048
1330446	Soil	1.6	24.8	15.4	80	0.5	25.0	10.9	510	3.24	23.1	1.2	36.6	3.8	15	0.2	2.1	0.2	71	0.19	0.103
1330440	Soil	0.8	11.1	7.1	26	0.1	5.6	2.1	126	1.13	4.2	0.3	3.9	<0.1	8	0.2	0.5	0.1	51	0.07	0.034
1339208	Soil	1.0	23.6	10.3	54	0.2	18.2	6.9	146	2.53	8.3	1.0	3.5	2.9	18	0.2	0.7	0.2	51	0.22	0.049

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 01, 2013

CERTIFICATE OF ANALYSIS WHI13000531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1316712	Soil	12	41	0.85	499	0.062	<1	2.15	0.009	0.15	<0.1	0.06	7.2	0.2	<0.05	6	<0.5	<0.2
1338775	Soil	10	59	2.05	847	0.160	<1	3.01	0.009	0.76	0.2	0.02	11.7	0.3	<0.05	8	<0.5	<0.2
1330450	Soil	10	27	0.25	169	0.058	1	1.82	0.010	0.04	0.2	0.04	2.7	<0.1	<0.05	8	<0.5	<0.2
1339209	Soil	14	29	0.38	209	0.053	<1	1.75	0.010	0.05	0.2	0.05	4.0	<0.1	<0.05	5	0.7	<0.2
1386724	Soil	10	19	0.24	108	0.064	1	0.88	0.014	0.04	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1316713	Soil	5	75	1.70	395	0.190	<1	3.16	0.009	0.63	0.1	0.03	7.1	0.3	<0.05	7	0.7	0.3
1386720	Soil	12	28	0.39	398	0.041	2	1.47	0.011	0.04	0.1	0.07	4.2	0.1	<0.05	4	<0.5	<0.2
1386718	Soil	11	24	0.33	209	0.039	2	1.26	0.011	0.04	0.2	0.05	2.9	<0.1	<0.05	4	<0.5	<0.2
1339202	Soil	10	26	0.27	154	0.047	1	1.38	0.009	0.04	0.2	0.04	2.2	<0.1	<0.05	5	<0.5	<0.2
1316714	Soil	17	58	1.41	602	0.148	1	2.69	0.028	0.95	0.1	0.18	10.8	0.6	0.31	7	2.5	1.0
1330438	Soil	8	23	0.27	89	0.057	1	1.11	0.008	0.03	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1339207	Soil	12	28	0.36	269	0.043	2	1.50	0.009	0.04	0.2	0.07	3.6	0.1	<0.05	5	<0.5	<0.2
1386723	Soil	10	26	0.30	187	0.059	2	1.34	0.007	0.04	0.3	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1386721	Soil	12	26	0.34	591	0.036	2	1.39	0.011	0.04	0.3	0.09	4.4	0.1	0.08	4	1.5	<0.2
1330439	Soil	9	20	0.23	143	0.057	<1	1.09	0.009	0.04	0.2	0.04	2.1	<0.1	<0.05	5	<0.5	<0.2
1330449	Soil	4	9	0.06	76	0.052	1	0.43	0.014	0.03	0.1	0.05	1.0	<0.1	<0.05	4	<0.5	<0.2
1386725	Soil	12	27	0.32	261	0.055	1	1.48	0.012	0.04	0.2	0.05	3.3	<0.1	<0.05	4	<0.5	<0.2
1386722	Soil	17	20	0.23	892	0.032	2	1.49	0.010	0.05	0.2	0.13	3.3	0.2	0.14	3	0.9	<0.2
1386719	Soil	12	25	0.32	339	0.039	1	1.42	0.012	0.04	0.2	0.07	3.9	<0.1	<0.05	4	0.8	<0.2
1330443	Soil	8	32	0.35	186	0.051	2	2.22	0.007	0.04	0.2	0.08	3.2	<0.1	0.06	5	<0.5	<0.2
1339205	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1330447	Soil	13	34	0.39	215	0.056	2	1.97	0.009	0.04	0.2	0.06	3.3	0.1	<0.05	6	<0.5	<0.2
1339204	Soil	14	29	0.44	321	0.057	2	1.45	0.015	0.05	0.2	0.07	4.5	<0.1	<0.05	4	<0.5	<0.2
1339201	Rock Pulp	18	721	0.13	144	0.165	5	4.17	0.009	0.06	<0.1	0.05	41.2	<0.1	<0.05	21	0.7	<0.2
1339210	Soil	10	23	0.32	205	0.036	2	1.37	0.008	0.04	0.2	0.07	2.7	<0.1	0.05	4	<0.5	<0.2
1339206	Soil	13	28	0.39	303	0.051	1	1.50	0.011	0.04	0.2	0.05	4.1	<0.1	<0.05	4	0.6	<0.2
1330444	Soil	10	23	0.12	260	0.052	1	0.83	0.005	0.04	0.3	0.06	2.5	<0.1	<0.05	6	<0.5	<0.2
1330446	Soil	15	35	0.40	326	0.070	2	1.82	0.009	0.06	0.5	0.11	4.5	0.1	<0.05	5	1.0	<0.2
1330440	Soil	7	12	0.06	80	0.032	<1	0.66	0.010	0.02	<0.1	0.06	0.6	0.1	<0.05	5	<0.5	<0.2
1339208	Soil	14	27	0.36	255	0.045	1	1.52	0.009	0.04	0.2	0.06	4.0	0.1	<0.05	4	0.7	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 01, 2013

CERTIFICATE OF ANALYSIS WHI13000531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1330441	Soil	0.8	20.2	8.0	45	<0.1	17.5	8.1	238	2.06	8.6	0.6	6.9	3.2	12	0.2	1.1	<0.1	47	0.12	0.032
1330448	Soil	0.9	9.6	6.9	31	<0.1	5.7	2.7	99	1.23	4.3	0.2	3.6	0.2	10	0.2	0.4	0.1	53	0.10	0.026
1339203	Soil	0.6	11.7	7.1	31	0.1	10.6	3.7	110	1.13	4.8	0.3	6.0	0.3	10	0.1	0.5	<0.1	30	0.10	0.048
1330442	Soil	1.2	15.9	11.0	68	0.2	18.5	9.6	249	3.18	12.0	0.4	1.2	2.8	9	0.7	0.8	0.1	77	0.09	0.040
1356169	Soil	1.0	30.5	5.6	49	0.2	27.7	20.9	664	4.21	1.7	1.0	1.9	3.7	30	0.2	2.0	<0.1	121	0.72	0.048
1356166	Soil	6.9	900.1	9.1	128	0.3	31.5	45.8	688	7.22	6.0	1.1	19.9	8.3	25	0.5	2.2	0.4	178	0.54	0.086
1356162	Soil	0.9	46.7	13.6	65	0.4	31.7	22.6	823	5.12	0.9	0.7	3.6	5.1	24	1.1	1.3	0.2	100	0.67	0.063
1330445	Soil	2.9	32.9	15.7	49	0.7	17.1	6.4	189	3.64	16.9	1.4	27.4	2.6	35	0.2	3.1	0.6	60	0.19	0.081
1356151	Soil	0.6	7.8	9.9	30	<0.1	7.1	3.2	145	1.05	4.6	0.4	0.9	1.8	17	<0.1	0.7	<0.1	21	0.27	0.036
1356168	Soil	0.4	66.2	4.0	62	0.3	27.8	19.4	1038	4.60	1.8	0.7	3.0	4.1	24	<0.1	2.0	0.4	112	0.60	0.033
1356164	Soil	2.4	455.0	19.2	110	0.5	37.2	36.4	774	8.00	2.4	1.9	8.9	6.8	28	1.1	0.9	0.3	201	0.55	0.061
1356160	Soil	2.5	65.8	24.1	160	0.3	22.0	16.9	488	3.91	5.8	2.1	6.2	3.9	23	0.9	2.2	0.1	92	0.41	0.067
1356153	Soil	2.5	29.4	6.8	70	0.3	27.9	23.9	1151	5.64	6.2	0.4	0.8	2.3	16	0.2	1.3	1.0	134	0.21	0.062
1356167	Soil	2.8	476.2	8.7	116	0.4	13.9	14.6	519	4.52	3.6	0.7	22.5	4.9	26	0.2	0.9	0.2	104	0.54	0.068
1356163	Soil	2.7	48.1	34.5	95	0.3	28.3	21.3	843	4.66	5.5	1.3	3.8	4.2	31	0.5	2.4	0.3	102	0.55	0.063
1356158	Soil	0.8	24.1	7.5	62	0.1	24.0	18.9	636	5.17	7.1	0.8	0.6	4.8	24	0.1	1.4	0.3	115	0.39	0.034
1356152	Soil	1.4	97.3	5.5	58	<0.1	21.5	20.6	806	4.85	1.8	0.6	<0.5	4.0	36	<0.1	2.0	<0.1	110	0.61	0.074
1356165	Soil	4.2	328.9	8.9	92	0.2	14.0	16.9	309	3.97	9.6	0.9	35.6	6.4	28	0.4	2.4	0.6	80	0.54	0.062
1356161	Soil	1.8	29.5	19.2	182	0.2	17.6	16.7	1253	3.97	4.9	0.7	5.1	2.8	37	0.5	1.1	0.1	90	0.70	0.043
1356159	Soil	1.0	17.0	12.3	57	0.4	13.8	11.1	312	2.23	2.9	0.7	1.7	2.0	43	0.2	0.8	0.2	55	0.69	0.060
1356179	Soil	3.0	376.6	24.9	496	0.1	11.3	14.7	428	4.72	4.4	1.1	2.5	5.3	14	0.8	0.9	0.6	112	0.12	0.024
1356183	Soil	1.1	58.7	18.9	117	0.3	16.9	21.5	1157	5.26	7.2	0.7	5.9	5.3	13	0.2	3.6	<0.1	125	0.37	0.056
1356173	Soil	1.3	52.3	6.3	70	<0.1	20.0	23.4	647	4.91	2.0	0.7	0.5	2.9	22	<0.1	1.0	0.2	127	0.33	0.035
1356156	Soil	1.5	21.2	21.4	95	<0.1	19.6	19.2	827	4.79	4.8	0.5	<0.5	2.9	22	0.3	1.7	0.2	110	0.34	0.037
1356178	Soil	2.0	160.3	29.0	270	0.2	14.8	12.8	513	4.10	6.5	0.7	3.9	4.5	11	0.4	0.5	0.3	88	0.11	0.028
1356182	Soil	1.0	394.6	63.2	126	0.2	13.9	9.7	407	3.01	60.3	0.8	9.1	4.2	11	0.7	52.9	0.2	57	0.12	0.028
1356172	Soil	2.1	52.2	11.8	103	0.2	14.7	11.6	367	3.97	8.8	0.7	1.1	3.2	12	0.2	0.8	0.4	92	0.10	0.028
1356154	Soil	1.3	17.7	45.2	132	0.3	17.1	20.7	1182	4.59	2.3	0.6	<0.5	3.5	13	0.3	1.1	0.5	126	0.24	0.048
1356177	Soil	3.9	245.0	35.2	398	0.2	10.5	14.0	497	4.54	5.1	0.7	2.4	4.6	16	0.7	0.8	0.6	97	0.16	0.022
1356181	Soil	5.3	880.8	394.7	354	1.3	22.0	24.2	657	4.96	3.9	0.8	12.2	4.6	18	3.5	1.0	0.8	119	0.38	0.064

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 01, 2013

CERTIFICATE OF ANALYSIS WHI13000531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1330441	Soil	11	26	0.31	154	0.058	<1	1.37	0.006	0.04	0.2	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
1330448	Soil	6	12	0.10	100	0.046	<1	0.63	0.010	0.03	<0.1	0.04	0.9	<0.1	<0.05	5	<0.5	<0.2
1339203	Soil	5	18	0.18	78	0.034	1	0.72	0.009	0.04	0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1330442	Soil	10	31	0.34	203	0.054	1	1.94	0.007	0.04	0.2	0.04	3.2	0.1	<0.05	7	<0.5	<0.2
1356169	Soil	33	84	1.87	759	0.079	2	3.02	0.010	0.44	0.2	0.52	28.2	0.2	<0.05	9	<0.5	<0.2
1356166	Soil	26	57	1.85	729	0.034	<1	3.97	0.031	0.50	<0.1	0.08	20.6	0.4	<0.05	12	2.3	0.3
1356162	Soil	15	86	1.65	707	0.046	<1	2.81	0.009	0.33	<0.1	1.13	16.7	0.2	0.07	8	0.6	<0.2
1330445	Soil	10	29	0.25	489	0.029	2	1.01	0.009	0.26	0.5	0.08	5.3	0.4	0.55	3	1.4	<0.2
1356151	Soil	7	11	0.21	387	0.011	<1	0.65	0.007	0.09	<0.1	0.06	2.6	<0.1	<0.05	2	<0.5	<0.2
1356168	Soil	12	77	2.00	775	0.163	<1	2.78	0.010	0.55	0.2	0.11	17.4	0.4	<0.05	7	<0.5	<0.2
1356164	Soil	24	141	3.80	949	0.131	<1	4.41	0.025	0.69	<0.1	0.14	26.4	0.5	<0.05	16	1.8	0.3
1356160	Soil	16	40	0.95	639	0.073	1	2.03	0.012	0.25	0.2	0.49	14.5	0.2	<0.05	6	1.0	<0.2
1356153	Soil	4	91	2.04	583	0.146	2	3.15	0.010	0.64	0.2	0.15	11.6	0.2	<0.05	8	<0.5	0.5
1356167	Soil	9	37	1.59	675	0.167	1	2.69	0.016	0.92	<0.1	0.05	10.3	0.6	<0.05	10	0.5	<0.2
1356163	Soil	17	74	1.59	544	0.048	2	2.66	0.008	0.23	0.1	0.48	15.7	0.1	<0.05	8	<0.5	<0.2
1356158	Soil	14	77	1.65	647	0.105	1	2.74	0.009	0.34	0.2	0.21	15.3	0.2	<0.05	8	<0.5	<0.2
1356152	Soil	8	87	1.61	749	0.047	<1	2.70	0.009	0.34	0.1	0.05	18.6	0.2	<0.05	8	<0.5	<0.2
1356165	Soil	14	21	1.36	551	0.076	<1	2.72	0.016	0.43	<0.1	0.13	10.1	0.4	<0.05	8	2.2	<0.2
1356161	Soil	8	41	1.20	1030	0.117	<1	2.00	0.012	0.47	0.2	0.11	8.6	0.2	<0.05	5	<0.5	<0.2
1356159	Soil	10	32	0.78	529	0.048	<1	1.88	0.014	0.10	0.1	0.54	7.3	0.1	<0.05	6	<0.5	<0.2
1356179	Soil	16	29	1.35	466	0.161	<1	2.67	0.013	0.59	<0.1	0.01	16.7	0.4	<0.05	8	1.5	0.2
1356183	Soil	13	44	1.26	883	0.114	<1	1.95	0.010	0.88	0.3	0.15	21.7	0.3	<0.05	6	<0.5	<0.2
1356173	Soil	10	62	1.83	934	0.177	<1	2.90	0.010	0.91	0.1	0.04	12.0	0.4	<0.05	8	<0.5	<0.2
1356156	Soil	7	54	1.69	520	0.146	<1	2.67	0.008	0.51	0.3	0.17	9.1	0.2	<0.05	8	<0.5	<0.2
1356178	Soil	9	22	0.99	464	0.133	<1	3.08	0.008	0.46	0.1	0.04	10.5	0.3	<0.05	8	1.1	<0.2
1356182	Soil	16	28	0.45	343	0.028	2	1.48	0.006	0.13	<0.1	0.23	8.1	0.2	<0.05	5	0.6	0.3
1356172	Soil	10	40	0.76	355	0.092	<1	2.66	0.009	0.16	0.1	0.05	7.3	0.1	<0.05	9	<0.5	<0.2
1356154	Soil	10	64	1.89	565	0.135	<1	2.77	0.009	0.79	0.2	0.10	14.7	0.3	<0.05	9	<0.5	0.3
1356177	Soil	11	25	1.13	425	0.136	<1	2.68	0.013	0.43	<0.1	0.02	13.4	0.4	<0.05	8	1.0	<0.2
1356181	Soil	13	58	1.34	659	0.116	<1	2.00	0.015	0.66	<0.1	0.65	19.3	0.3	<0.05	6	2.0	0.7

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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: November 01, 2013

CERTIFICATE OF ANALYSIS WHI13000531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1356171	Soil	0.4	57.0	2.6	34	<0.1	28.0	25.9	585	5.44	2.7	0.8	<0.5	4.8	17	<0.1	0.8	<0.1	162	0.27	0.092
1356155	Soil	5.1	33.9	16.6	81	0.5	19.0	16.5	748	5.09	1.4	0.8	1.5	4.2	26	0.2	0.3	0.8	126	0.27	0.033
1356176	Soil	1.1	40.1	13.2	86	0.4	17.0	13.8	667	4.16	2.2	0.8	3.7	3.7	23	0.1	0.7	0.4	104	0.46	0.050
1356180	Soil	5.3	508.0	83.8	479	0.4	20.2	22.5	919	5.44	1.0	0.5	1.9	4.3	11	0.7	0.5	0.3	137	0.17	0.040
1356170	Soil	0.4	47.1	4.7	39	<0.1	9.7	23.9	740	5.97	27.7	0.4	<0.5	1.3	26	<0.1	1.8	0.1	195	0.41	0.061
1356157	Soil	1.6	40.3	14.4	104	0.2	22.9	14.8	941	4.04	4.0	0.9	1.6	4.8	24	0.5	1.1	0.3	91	0.43	0.055
1338828	Soil	4.2	254.7	11.0	75	0.4	12.5	8.7	200	2.89	6.3	1.3	13.5	3.7	26	0.4	0.6	0.5	60	0.37	0.064
1338816	Soil	0.8	27.6	12.0	73	<0.1	20.8	10.8	261	3.23	5.9	0.7	4.0	7.2	12	<0.1	0.4	0.2	56	0.16	0.039
1338822	Soil	1.4	28.8	13.9	68	0.3	13.1	5.3	134	2.57	5.8	0.7	3.2	1.5	26	0.3	0.3	0.2	53	0.24	0.053
1338819	Soil	22.9	2171.2	13.1	184	0.5	33.6	22.5	476	5.97	4.3	2.3	35.1	8.7	31	0.9	0.3	2.0	129	0.36	0.070
1338826	Soil	0.9	28.4	17.6	95	0.2	15.7	13.1	484	2.90	5.8	0.8	5.3	3.2	21	0.4	0.8	0.2	72	0.34	0.046
1338815	Soil	0.6	30.1	10.8	109	<0.1	20.5	12.4	378	4.05	4.5	1.0	1.4	9.3	12	<0.1	0.4	0.2	60	0.21	0.078
1338821	Soil	4.6	96.0	21.8	108	1.0	16.1	7.0	218	3.52	6.7	0.8	7.8	3.2	27	0.2	0.4	0.7	83	0.21	0.049
1338818	Soil	0.7	59.7	10.2	85	<0.1	21.7	11.7	353	3.53	4.7	1.4	1.0	9.5	26	<0.1	0.6	0.2	66	0.33	0.064
1338837	Soil	1.1	90.8	5.6	47	<0.1	14.7	11.9	289	3.67	4.2	0.7	0.5	3.3	20	<0.1	0.2	0.1	98	0.34	0.056
1338817	Soil	0.7	38.1	10.8	71	<0.1	20.6	11.2	320	3.25	6.1	0.8	3.3	6.8	16	<0.1	0.3	0.2	66	0.20	0.038
1338823	Soil	2.2	23.9	34.7	175	0.4	17.2	12.1	460	4.22	7.6	0.9	6.2	3.1	32	0.6	0.7	0.5	101	0.40	0.058
1338824	Soil	1.9	19.2	20.3	126	0.3	15.8	12.0	480	3.26	5.1	0.6	1.5	2.3	19	0.3	0.6	0.4	79	0.29	0.046
1338836	Soil	0.6	30.9	4.8	49	0.1	21.1	15.7	379	3.97	4.6	1.0	3.4	5.7	20	<0.1	0.4	0.1	109	0.26	0.038
1338814	Soil	1.4	48.9	20.7	162	0.2	34.8	12.0	467	4.04	5.2	2.4	2.5	14.5	18	0.2	0.4	0.2	114	0.41	0.077
1338820	Soil	10.6	331.5	36.8	137	0.6	18.0	9.6	243	3.40	4.4	1.0	7.7	3.8	36	0.5	0.5	1.4	82	0.28	0.056
1338825	Soil	1.7	20.3	19.7	122	0.3	16.1	13.3	522	3.11	4.5	0.7	1.2	2.4	17	0.5	0.7	0.3	80	0.29	0.049
1338829	Soil	2.4	156.3	11.7	73	0.3	13.4	8.0	157	2.98	6.8	1.0	16.5	4.3	15	0.1	0.7	0.6	65	0.24	0.039
1338833	Soil	1.0	91.9	7.2	50	0.3	14.4	9.5	198	2.83	5.6	0.9	3.3	2.6	17	<0.1	0.7	0.1	76	0.25	0.046
1338832	Soil	1.5	182.5	11.8	65	0.6	16.0	9.6	164	3.09	6.1	1.2	17.1	3.8	14	0.2	0.5	0.2	83	0.20	0.043
1338835	Soil	0.7	47.3	5.4	46	<0.1	19.7	13.3	290	3.79	4.3	0.8	0.9	5.8	16	<0.1	0.4	0.1	105	0.24	0.041
1338827	Soil	5.5	706.6	9.4	84	0.8	13.2	16.2	606	2.85	3.9	1.5	32.4	3.2	41	0.8	0.5	0.2	68	0.72	0.051
1338831	Soil	1.4	190.0	11.0	74	0.4	18.5	10.0	240	3.09	5.2	0.9	8.7	4.8	19	0.2	0.6	0.2	77	0.29	0.043
1338830	Soil	2.2	190.5	14.7	99	0.3	14.1	11.6	253	3.09	6.0	0.9	9.9	4.2	19	0.1	0.6	0.3	70	0.28	0.047
1338834	Soil	1.0	83.9	5.8	52	0.1	18.4	13.1	298	3.74	4.6	0.9	2.9	5.6	20	<0.1	0.4	0.1	107	0.32	0.052

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 01, 2013

CERTIFICATE OF ANALYSIS WHI13000531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1356171	Soil	9	119	2.62	4020	0.123	<1	3.34	0.018	0.82	0.1	0.08	28.3	0.2	<0.05	10	<0.5	<0.2
1356155	Soil	9	88	1.82	875	0.107	<1	2.64	0.019	0.72	<0.1	0.36	15.9	0.5	0.12	8	1.7	0.5
1356176	Soil	11	61	1.56	857	0.140	<1	2.32	0.011	0.85	0.2	0.07	10.1	0.5	<0.05	8	<0.5	<0.2
1356180	Soil	6	71	2.29	989	0.205	<1	3.67	0.014	1.28	0.1	0.16	13.3	0.6	<0.05	9	2.0	0.2
1356170	Soil	5	19	1.33	767	0.011	<1	2.92	0.006	0.14	<0.1	0.07	17.9	<0.1	<0.05	9	<0.5	<0.2
1356157	Soil	18	63	1.48	788	0.079	<1	2.47	0.010	0.36	0.1	0.48	13.0	0.2	<0.05	8	<0.5	<0.2
1338828	Soil	17	22	0.63	367	0.079	1	1.86	0.014	0.18	0.1	0.20	6.4	0.2	<0.05	6	1.2	<0.2
1338816	Soil	19	31	0.69	219	0.132	<1	1.92	0.007	0.35	0.2	0.04	4.6	0.2	<0.05	6	<0.5	<0.2
1338822	Soil	10	27	0.48	256	0.062	1	1.43	0.010	0.07	0.1	0.10	4.7	0.1	0.06	5	0.5	<0.2
1338819	Soil	31	86	1.78	632	0.136	<1	2.94	0.017	0.72	<0.1	0.06	17.0	0.5	<0.05	9	4.9	0.7
1338826	Soil	11	40	0.73	385	0.083	<1	1.79	0.012	0.15	0.1	0.46	7.3	0.1	<0.05	5	<0.5	<0.2
1338815	Soil	23	35	0.94	248	0.196	1	2.29	0.008	0.70	0.1	0.02	5.0	0.4	<0.05	9	<0.5	<0.2
1338821	Soil	12	45	0.93	360	0.123	1	2.23	0.015	0.23	0.1	0.12	7.4	0.2	0.05	7	2.0	0.2
1338818	Soil	29	34	0.95	467	0.151	<1	1.99	0.012	0.37	<0.1	0.03	6.8	0.3	<0.05	7	<0.5	<0.2
1338837	Soil	13	28	1.04	380	0.137	<1	2.11	0.017	0.37	<0.1	0.02	7.2	0.2	<0.05	8	0.6	<0.2
1338817	Soil	25	40	0.80	234	0.137	<1	1.94	0.008	0.28	0.1	0.01	5.6	0.2	<0.05	7	<0.5	<0.2
1338823	Soil	12	54	1.05	601	0.095	1	2.03	0.014	0.19	0.2	0.27	9.1	0.2	<0.05	7	0.8	<0.2
1338824	Soil	9	41	0.87	517	0.094	<1	1.72	0.010	0.32	0.1	0.28	6.5	0.2	<0.05	6	<0.5	<0.2
1338836	Soil	18	33	1.27	752	0.146	1	2.24	0.016	0.45	0.1	0.04	9.8	0.2	<0.05	7	0.7	<0.2
1338814	Soil	65	56	1.23	575	0.192	1	2.69	0.010	0.83	0.2	0.09	11.8	0.4	<0.05	8	<0.5	<0.2
1338820	Soil	13	50	1.05	438	0.111	1	1.95	0.028	0.40	<0.1	0.07	9.2	0.3	0.19	6	3.1	0.3
1338825	Soil	9	44	0.89	522	0.093	1	1.82	0.011	0.29	0.2	0.32	7.2	0.2	<0.05	6	0.6	<0.2
1338829	Soil	13	24	0.65	283	0.089	2	2.04	0.011	0.16	0.2	0.11	5.4	0.2	<0.05	6	0.6	<0.2
1338833	Soil	14	24	0.63	354	0.081	1	1.67	0.011	0.14	0.1	0.11	5.9	0.1	<0.05	7	<0.5	<0.2
1338832	Soil	21	29	0.67	343	0.079	1	2.27	0.013	0.16	0.1	0.14	7.8	0.2	<0.05	8	0.7	<0.2
1338835	Soil	15	32	1.18	583	0.156	1	2.40	0.013	0.44	0.1	0.04	7.8	0.2	<0.05	7	0.6	<0.2
1338827	Soil	20	24	0.80	561	0.080	2	2.11	0.016	0.23	0.1	0.34	7.9	0.3	0.06	6	1.1	<0.2
1338831	Soil	15	30	0.83	380	0.111	2	2.06	0.014	0.27	0.1	0.04	6.8	0.2	<0.05	7	<0.5	<0.2
1338830	Soil	13	23	0.74	407	0.106	<1	1.98	0.012	0.25	0.2	0.07	6.1	0.2	<0.05	6	1.0	<0.2
1338834	Soil	18	37	1.17	498	0.140	1	2.38	0.015	0.34	<0.1	0.05	8.6	0.2	<0.05	8	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 01, 2013

CERTIFICATE OF ANALYSIS WHI13000531.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1338839	Soil	2.0	386.2	6.5	73	0.2	21.5	16.3	394	3.95	4.1	0.8	19.5	8.3	17	0.1	0.5	0.3	100	0.24	0.033
1338838	Soil	1.1	118.1	6.5	59	0.1	16.0	10.6	437	3.45	3.7	1.1	3.2	6.4	23	<0.1	0.5	<0.1	84	0.39	0.065
1338843	Soil	9.1	781.0	9.1	78	1.1	13.0	11.4	246	3.42	3.9	2.7	43.2	4.9	25	0.6	0.7	0.6	75	0.40	0.054
1338841	Soil	3.0	203.5	5.7	96	<0.1	3.7	6.8	297	3.59	2.6	1.0	6.2	5.0	8	0.2	0.2	0.4	73	0.19	0.061
1338842	Soil	6.3	175.3	9.7	55	0.6	7.7	5.3	99	4.20	5.7	1.2	16.9	3.3	22	0.3	0.5	3.5	67	0.28	0.037
1338845	Soil	1.1	28.8	17.6	101	0.2	16.6	9.5	190	2.91	5.5	0.8	3.5	3.6	16	0.3	0.9	0.2	76	0.28	0.027
1338846	Soil	1.2	23.2	15.9	94	0.2	14.8	7.4	186	2.51	5.5	0.6	4.2	2.8	15	0.4	0.9	0.2	68	0.26	0.034
1338844	Soil	3.3	473.4	8.2	68	0.8	28.0	20.2	270	4.55	1.6	1.9	9.1	4.8	39	0.4	0.5	0.3	123	0.59	0.074
1353122	Soil	1.1	34.0	95.5	384	0.5	28.7	15.5	919	4.21	6.2	0.7	7.3	3.6	23	1.9	1.0	0.3	109	0.33	0.042
1339238	Soil	2.7	28.6	18.8	93	0.7	15.8	7.0	177	3.07	5.1	0.8	2.8	2.7	20	0.2	0.5	0.2	83	0.20	0.052
1339240	Soil	1.6	24.2	42.2	243	0.4	17.7	14.4	693	3.57	6.2	0.9	4.1	2.5	27	0.6	0.9	0.5	79	0.44	0.057
1338840	Soil	1.7	216.2	9.4	80	0.2	17.5	10.8	280	3.12	5.2	0.8	4.2	6.0	19	0.1	0.4	0.4	84	0.31	0.046
1339237	Soil	4.5	109.2	22.8	126	1.3	14.9	6.6	247	3.98	4.7	1.0	9.5	3.3	29	0.1	0.4	0.8	105	0.21	0.053
1353120	Soil	1.9	26.3	20.6	99	0.4	20.0	16.9	852	4.04	6.9	1.1	2.5	3.8	22	0.5	1.1	0.3	82	0.42	0.046
1339230	Soil	15.7	845.3	17.1	144	0.4	17.3	11.8	365	4.13	1.4	1.3	12.6	4.5	40	0.4	0.8	1.3	91	0.11	0.055
1353121	Soil	1.4	17.1	66.5	187	0.3	16.2	7.9	764	2.99	5.0	0.7	4.5	3.2	22	0.8	1.6	0.3	74	0.44	0.050
1353111	Soil	1.0	62.5	8.3	48	<0.1	17.1	12.9	424	3.69	6.6	0.7	1.5	3.5	16	<0.1	0.6	0.2	100	0.21	0.037
1339228	Soil	1.8	126.2	9.0	54	0.2	16.4	11.7	313	3.17	6.2	0.9	5.7	4.0	15	0.2	0.7	0.2	85	0.19	0.044
1353125	Soil	32.8	753.0	18.4	105	1.1	17.3	5.4	285	4.83	2.6	0.8	18.0	4.7	52	0.3	0.4	2.2	115	0.31	0.050
1353123	Soil	2.7	83.3	17.5	108	0.6	22.4	15.3	387	3.88	5.7	0.8	2.2	2.9	18	0.4	0.8	0.3	101	0.20	0.036
1339231	Soil	2.7	123.8	15.0	104	0.3	20.2	11.5	393	3.80	5.3	0.8	2.8	6.0	15	0.2	0.5	0.3	90	0.17	0.042
1353109	Soil	1.1	56.7	3.3	29	<0.1	12.9	24.1	535	5.34	4.0	0.9	<0.5	6.9	15	<0.1	0.4	0.1	151	0.13	0.076
1339236	Soil	32.9	907.2	14.6	135	0.4	20.5	13.1	356	4.56	2.2	1.2	41.8	5.2	35	0.5	0.6	1.6	107	0.24	0.054
1339239	Soil	1.8	30.2	30.4	191	0.4	20.9	14.3	1143	3.50	5.4	1.1	5.2	3.4	33	0.9	0.8	0.2	92	0.68	0.052
1339229	Soil	1.8	138.3	16.4	77	0.1	18.6	12.4	269	3.07	8.7	0.7	20.8	3.8	14	0.7	0.8	0.5	64	0.15	0.021
1353117	Soil	1.8	202.9	7.6	59	<0.1	26.2	20.0	373	5.00	4.2	0.7	7.2	4.9	15	0.3	0.5	0.3	136	0.37	0.054
1353124	Soil	6.2	416.0	34.3	144	0.6	16.0	7.9	447	4.90	2.4	0.7	2.7	3.2	52	0.3	0.6	0.7	147	0.24	0.044
1353110	Soil	1.2	47.0	5.8	42	<0.1	20.9	13.0	258	3.33	5.1	1.0	1.3	7.9	18	<0.1	0.4	0.1	65	0.22	0.033
1339227	Soil	2.8	218.9	7.5	62	0.1	16.5	16.3	404	4.77	5.0	1.0	3.9	6.5	15	0.3	0.5	0.3	114	0.14	0.034
1353118	Soil	1.9	150.9	46.7	295	0.2	23.5	22.3	511	5.86	8.4	1.0	3.4	4.9	19	1.2	3.4	0.8	113	0.42	0.054

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 01, 2013

CERTIFICATE OF ANALYSIS WHI13000531.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
1338839	Soil		21	39	1.28	310	0.160	<1	2.56	0.018	0.51	<0.1	0.03	8.3	0.5	<0.05	9	0.8	<0.2
1338838	Soil		17	25	0.96	444	0.126	1	2.16	0.011	0.45	<0.1	0.08	7.3	0.3	<0.05	8	<0.5	<0.2
1338843	Soil		31	24	0.90	429	0.080	1	2.54	0.014	0.38	<0.1	0.32	8.8	0.3	<0.05	7	2.5	0.4
1338841	Soil		12	9	0.96	330	0.135	<1	2.07	0.008	0.98	<0.1	0.02	8.6	0.8	<0.05	6	2.0	0.2
1338842	Soil		13	17	0.51	325	0.066	1	2.03	0.014	0.25	0.2	0.09	5.5	0.3	0.06	6	1.5	<0.2
1338845	Soil		11	42	0.83	368	0.097	2	1.98	0.011	0.24	0.2	0.57	7.4	0.2	<0.05	6	<0.5	<0.2
1338846	Soil		10	39	0.72	300	0.092	4	1.78	0.012	0.17	0.1	0.39	5.6	0.2	<0.05	6	<0.5	<0.2
1338844	Soil		20	79	1.60	665	0.152	<1	3.01	0.038	0.56	<0.1	0.23	14.8	0.4	0.09	9	2.6	0.2
1353122	Soil		11	69	1.51	860	0.123	<1	2.43	0.012	0.37	0.1	1.24	11.4	0.3	<0.05	8	<0.5	<0.2
1339238	Soil		11	45	0.84	338	0.084	1	2.01	0.011	0.12	0.1	0.34	8.0	0.2	0.08	7	1.5	<0.2
1339240	Soil		9	44	0.73	422	0.058	<1	1.81	0.013	0.12	0.1	0.78	8.6	0.2	<0.05	6	0.9	<0.2
1338840	Soil		15	31	1.02	415	0.131	<1	2.15	0.013	0.33	0.1	0.04	7.5	0.3	<0.05	7	0.5	<0.2
1339237	Soil		12	59	1.18	496	0.138	1	2.51	0.028	0.51	<0.1	0.22	10.9	0.4	0.29	8	2.9	0.3
1353120	Soil		13	49	0.91	597	0.082	1	1.82	0.013	0.22	0.1	0.77	10.6	0.2	<0.05	6	0.8	<0.2
1339230	Soil		12	61	1.55	398	0.109	<1	2.74	0.015	0.70	<0.1	<0.01	11.7	0.5	0.14	9	4.8	0.7
1353121	Soil		12	39	0.76	364	0.056	<1	1.60	0.011	0.14	0.1	0.80	9.7	0.2	0.06	5	<0.5	<0.2
1353111	Soil		11	24	0.63	382	0.051	1	2.52	0.008	0.12	0.1	0.12	8.7	0.1	<0.05	8	<0.5	<0.2
1339228	Soil		18	32	0.86	244	0.086	1	1.99	0.011	0.21	<0.1	0.06	5.9	0.2	<0.05	7	0.6	<0.2
1353125	Soil		10	79	1.85	319	0.125	<1	3.44	0.048	1.16	<0.1	0.13	16.8	0.6	0.78	9	7.4	1.0
1353123	Soil		11	59	1.00	499	0.099	<1	2.16	0.013	0.23	<0.1	0.42	10.0	0.2	0.10	8	2.3	<0.2
1339231	Soil		17	45	1.11	309	0.158	<1	2.36	0.011	0.48	0.1	0.04	7.5	0.3	<0.05	8	0.6	<0.2
1353109	Soil		16	16	1.24	834	0.177	<1	2.48	0.017	0.71	<0.1	0.02	11.7	0.3	0.08	10	0.9	<0.2
1339236	Soil		14	64	1.75	389	0.113	1	3.18	0.020	0.70	<0.1	0.04	14.2	0.5	0.11	9	5.6	0.9
1339239	Soil		11	50	1.07	595	0.100	<1	2.07	0.016	0.23	0.1	0.44	9.4	0.2	0.08	6	1.2	<0.2
1339229	Soil		10	28	0.62	243	0.062	2	2.04	0.009	0.13	<0.1	0.10	4.7	0.2	<0.05	5	<0.5	<0.2
1353117	Soil		6	86	1.87	511	0.142	2	2.73	0.011	0.60	<0.1	0.07	14.9	0.5	<0.05	8	1.4	0.5
1353124	Soil		10	82	1.98	300	0.142	<1	3.19	0.059	0.99	<0.1	0.16	19.6	0.5	0.81	9	5.3	0.4
1353110	Soil		27	37	0.92	433	0.123	2	1.88	0.013	0.26	<0.1	0.02	5.1	0.2	<0.05	6	<0.5	<0.2
1339227	Soil		14	32	1.15	351	0.170	1	2.58	0.011	0.53	<0.1	0.04	8.3	0.3	<0.05	9	0.9	<0.2
1353118	Soil		15	60	1.18	539	0.083	2	2.14	0.020	0.42	<0.1	0.18	15.1	0.3	<0.05	7	1.4	0.3

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.

AcmeLabs™
A Bureau Veritas Group Company

www.acmelab.com

Acme Analytical Laboratories (Vancouver) 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: November 01, 2013

CERTIFICATE OF ANALYSIS WHI13000531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1339226	Soil	2.8	179.1	18.2	61	0.4	14.3	5.8	146	2.58	5.6	1.2	8.9	0.2	19	0.6	0.4	0.4	65	0.18	0.055
1339232	Soil	1.2	30.9	10.7	65	0.2	14.3	7.0	218	2.28	6.3	0.8	1.9	2.7	14	0.1	0.5	0.2	58	0.20	0.042
1339234	Soil	0.8	41.1	10.8	85	<0.1	27.1	13.7	487	3.47	5.6	0.9	6.5	7.5	17	<0.1	0.6	0.1	75	0.27	0.064
1353116	Soil	8.9	1532.7	9.8	93	0.9	14.9	13.5	405	2.94	4.1	1.8	42.0	3.7	32	0.6	0.4	0.2	80	0.53	0.062
1353119	Soil	1.0	29.6	16.1	103	0.7	17.2	10.6	210	2.64	4.0	0.7	3.0	2.6	17	0.4	0.8	0.2	72	0.31	0.039
1353114	Soil	5.3	353.9	7.8	39	<0.1	7.7	20.2	166	4.66	1.3	1.6	27.1	7.1	11	0.1	0.2	0.8	108	0.15	0.053
1339233	Soil	1.0	43.9	10.8	60	<0.1	17.9	7.8	214	2.58	7.3	1.0	6.4	4.3	16	<0.1	0.6	0.2	60	0.22	0.030
1353115	Soil	7.2	950.7	8.1	85	1.0	14.7	10.7	175	3.30	2.7	1.4	21.4	6.8	24	0.9	0.6	0.6	84	0.47	0.045
1353113	Soil	5.2	318.2	8.1	92	0.2	11.6	10.2	269	3.14	4.1	0.7	18.8	4.3	17	0.1	0.7	0.7	85	0.21	0.038
1353112	Soil	1.2	281.3	3.9	60	<0.1	22.2	16.2	363	3.76	2.1	0.4	2.1	3.0	15	0.2	0.5	<0.1	100	0.24	0.035
1339132	Soil	0.8	15.1	7.7	40	0.2	12.9	4.1	93	1.39	5.3	0.7	4.8	0.6	15	0.2	0.5	0.1	33	0.17	0.051
1339130	Soil	1.5	24.3	5.0	41	0.3	7.2	1.8	39	0.86	1.9	0.6	3.1	<0.1	8	0.2	0.2	0.1	25	0.04	0.041
1339126	Soil	1.8	116.5	8.6	66	<0.1	19.5	12.2	335	4.01	7.1	0.7	5.6	4.0	12	0.1	0.6	0.2	97	0.15	0.032
1339235	Soil	1.0	16.3	9.8	52	0.3	15.0	6.1	180	2.23	12.6	0.7	7.9	1.2	14	0.2	1.0	0.2	53	0.16	0.055
1339129	Soil	1.6	17.3	6.8	48	0.2	14.8	3.8	89	1.31	3.6	0.5	2.3	0.1	6	0.2	0.4	0.2	36	0.04	0.039
1353051	Soil	2.2	20.1	1.7	35	0.2	18.1	8.2	278	1.95	3.9	0.2	5.9	0.6	27	0.1	0.3	<0.1	50	0.65	0.049
1339135	Soil	0.2	12.4	8.1	42	<0.1	11.8	3.4	82	1.14	3.3	0.6	3.6	2.1	14	0.2	0.5	0.1	32	0.19	0.039
1339136	Soil	0.5	9.7	7.5	40	0.1	11.4	3.6	67	2.52	7.0	0.5	8.6	1.3	13	0.1	0.5	<0.1	43	0.17	0.042
1339248	Soil	1.4	13.5	12.0	43	0.3	10.5	4.4	226	2.52	12.5	0.5	8.2	1.3	12	0.3	1.2	0.2	70	0.11	0.051
1339138	Soil	0.5	11.4	8.1	43	<0.1	12.9	4.0	78	1.98	6.9	0.7	6.1	1.4	14	0.1	0.6	0.1	41	0.18	0.046
1339127	Soil	1.0	9.9	9.0	58	0.1	11.3	5.9	188	2.60	8.9	0.3	3.5	2.4	7	0.2	0.6	0.1	69	0.07	0.032
1339134	Soil	0.2	16.5	8.5	42	0.1	12.9	3.7	78	1.17	4.0	0.7	2.3	2.2	18	0.2	0.9	0.1	40	0.21	0.037
1339131	Soil	1.0	13.2	8.0	52	0.3	16.0	6.4	221	1.87	6.5	0.8	4.1	1.1	15	0.2	0.5	0.1	41	0.17	0.054
1339139	Soil	0.7	13.4	7.9	44	0.1	13.1	4.3	73	2.50	14.6	0.7	2.2	1.2	15	0.2	0.6	0.1	51	0.18	0.062
1339250	Soil	1.0	20.6	11.8	76	0.4	20.7	9.5	433	2.58	13.5	0.9	10.0	3.0	17	0.4	1.2	0.1	58	0.24	0.088
1339137	Soil	0.4	11.8	8.5	42	0.1	12.9	3.9	78	1.99	6.4	0.6	5.2	1.5	14	0.1	0.7	<0.1	46	0.18	0.045
1339241	Soil	0.3	12.6	8.3	37	0.1	11.4	3.7	70	1.39	5.2	0.6	3.0	1.2	13	0.1	0.6	0.1	34	0.17	0.034
1339145	Soil	0.4	12.5	7.8	41	0.1	12.4	3.7	73	1.45	7.0	0.6	17.0	1.0	12	<0.1	0.4	<0.1	43	0.15	0.041
1339141	Soil	0.7	16.3	9.6	50	0.1	14.9	5.2	97	2.01	6.7	0.8	2.5	2.2	15	0.1	0.6	0.1	42	0.21	0.050
1339246	Soil	0.4	4.6	5.3	19	0.1	4.4	1.3	25	0.58	3.1	0.3	3.6	0.3	7	<0.1	0.2	<0.1	17	0.05	0.025

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 01, 2013

CERTIFICATE OF ANALYSIS WHI13000531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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
1339226	Soil	15	33	0.54	527	0.024	1	2.00	0.009	0.11	<0.1	0.21	3.1	0.2	0.06	6	1.1	<0.2
1339232	Soil	17	26	0.47	194	0.073	1	1.40	0.009	0.12	0.1	0.06	3.6	0.1	<0.05	5	<0.5	<0.2
1339234	Soil	25	65	1.01	375	0.167	1	2.33	0.010	0.48	<0.1	0.02	6.3	0.3	<0.05	7	<0.5	<0.2
1353116	Soil	29	30	0.97	505	0.106	2	2.50	0.016	0.36	<0.1	0.26	8.1	0.3	<0.05	7	1.9	0.2
1353119	Soil	11	45	0.88	447	0.089	2	1.94	0.011	0.27	0.1	0.84	8.3	0.3	<0.05	6	<0.5	<0.2
1353114	Soil	19	11	1.17	710	0.116	<1	3.38	0.023	1.06	0.1	0.02	15.1	0.6	<0.05	9	1.8	<0.2
1339233	Soil	21	31	0.58	271	0.074	1	1.65	0.010	0.08	0.1	0.06	5.3	0.1	<0.05	5	<0.5	<0.2
1353115	Soil	26	25	1.01	607	0.092	<1	2.80	0.037	0.52	<0.1	0.05	9.6	0.4	<0.05	7	0.9	<0.2
1353113	Soil	12	22	0.99	335	0.109	<1	1.99	0.013	0.34	<0.1	0.02	6.7	0.3	<0.05	6	0.5	<0.2
1353112	Soil	7	67	1.62	373	0.121	<1	3.03	0.017	0.49	<0.1	0.04	8.8	0.4	<0.05	8	0.5	<0.2
1339132	Soil	10	20	0.27	239	0.036	2	0.94	0.009	0.05	0.2	0.06	1.9	<0.1	0.05	4	0.7	<0.2
1339130	Soil	5	8	0.03	74	0.008	2	0.37	0.011	0.03	<0.1	0.04	0.2	<0.1	0.05	2	0.7	<0.2
1339126	Soil	9	42	0.98	200	0.129	2	2.44	0.009	0.23	<0.1	0.05	6.4	0.3	<0.05	8	<0.5	<0.2
1339235	Soil	12	24	0.33	386	0.049	1	1.24	0.010	0.05	0.2	0.04	2.4	<0.1	0.05	5	<0.5	<0.2
1339129	Soil	6	11	0.08	48	0.018	<1	0.57	0.009	0.03	0.1	0.03	0.7	0.1	<0.05	3	<0.5	<0.2
1353051	Soil	3	25	0.63	73	0.089	2	1.22	0.062	0.10	10.7	0.01	3.8	<0.1	<0.05	4	<0.5	<0.2
1339135	Soil	11	22	0.33	165	0.052	<1	1.16	0.010	0.04	0.2	0.05	2.9	<0.1	<0.05	4	<0.5	<0.2
1339136	Soil	9	22	0.30	143	0.039	1	1.19	0.008	0.04	0.2	0.06	2.5	<0.1	<0.05	4	<0.5	<0.2
1339248	Soil	10	22	0.19	122	0.053	<1	1.29	0.007	0.04	0.2	0.10	1.8	<0.1	<0.05	6	<0.5	<0.2
1339138	Soil	11	23	0.32	168	0.040	1	1.27	0.008	0.04	0.1	0.06	2.9	<0.1	<0.05	4	<0.5	<0.2
1339127	Soil	10	24	0.24	115	0.053	<1	1.59	0.007	0.03	0.2	0.04	2.3	<0.1	<0.05	6	<0.5	<0.2
1339134	Soil	11	24	0.35	250	0.049	2	1.24	0.011	0.04	0.2	0.09	3.3	<0.1	0.06	4	<0.5	<0.2
1339131	Soil	11	22	0.32	317	0.042	2	1.27	0.010	0.05	0.2	0.08	2.8	<0.1	<0.05	4	<0.5	<0.2
1339139	Soil	10	23	0.30	197	0.031	1	1.35	0.008	0.04	0.1	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1339250	Soil	15	30	0.38	557	0.061	1	1.49	0.009	0.06	0.4	0.06	3.5	<0.1	<0.05	4	<0.5	<0.2
1339137	Soil	11	23	0.33	179	0.041	1	1.26	0.009	0.04	0.1	0.05	2.9	<0.1	<0.05	4	0.5	<0.2
1339241	Soil	10	22	0.29	159	0.039	1	1.24	0.008	0.03	0.1	0.06	2.7	<0.1	<0.05	4	<0.5	<0.2
1339145	Soil	10	21	0.30	136	0.036	<1	1.15	0.008	0.03	0.1	0.06	2.4	<0.1	<0.05	4	<0.5	<0.2
1339141	Soil	12	23	0.31	183	0.042	<1	1.30	0.009	0.04	0.2	0.06	3.2	<0.1	<0.05	4	<0.5	<0.2
1339246	Soil	4	11	0.08	108	0.023	<1	0.63	0.012	0.03	<0.1	0.04	1.1	<0.1	<0.05	3	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 01, 2013

CERTIFICATE OF ANALYSIS WHI13000531.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1339140	Soil	0.9	20.7	10.2	59	0.2	19.5	7.0	127	2.49	7.6	0.9	2.3	2.6	21	0.1	0.6	0.2	58	0.24	0.049
1339243	Soil	0.2	12.2	8.6	40	0.1	14.0	4.0	79	1.38	3.5	0.6	4.6	1.6	17	<0.1	0.7	0.2	37	0.21	0.031
1339142	Soil	1.9	14.0	7.0	41	0.1	12.6	4.4	76	3.87	9.3	0.7	3.1	0.8	18	0.1	0.5	0.1	58	0.19	0.052
1339249	Soil	1.1	13.7	11.8	52	0.4	16.0	6.8	177	2.27	10.4	0.8	10.9	1.0	22	0.2	0.7	0.2	53	0.21	0.054
1339143	Soil	0.4	10.5	8.2	47	<0.1	13.8	4.7	90	1.76	5.2	0.5	2.0	1.3	16	0.1	0.4	0.1	47	0.20	0.040
1339146	Soil	0.7	10.5	8.3	40	0.1	12.8	4.1	81	1.43	4.1	0.5	2.1	0.4	14	0.1	0.4	0.2	33	0.16	0.035
1339242	Soil	0.3	14.2	8.4	45	0.1	14.6	4.7	88	1.95	6.7	0.6	5.3	1.4	16	0.1	0.6	0.1	47	0.19	0.041
1339244	Soil	0.3	12.7	9.1	44	0.2	13.8	4.0	85	1.34	3.6	0.5	3.3	1.1	15	0.1	0.6	0.1	40	0.17	0.031
1339128	Soil	0.9	13.1	3.2	28	0.1	7.3	2.1	53	0.85	2.3	0.4	<0.5	<0.1	6	0.2	0.4	0.1	23	0.05	0.035
1339144	Soil	0.6	14.6	8.3	48	0.1	14.8	4.8	86	2.43	8.2	0.7	2.9	0.9	14	0.1	0.5	0.1	57	0.17	0.052
1339245	Soil	1.0	16.4	7.6	30	<0.1	9.8	3.4	78	1.74	5.3	0.5	1.7	0.3	11	0.3	0.4	0.1	43	0.06	0.044
1339247	Soil	1.5	14.4	10.9	45	0.2	17.2	7.7	272	3.10	11.8	0.5	2.4	1.6	13	0.2	0.8	0.2	81	0.13	0.051
1339147	Soil	0.7	13.3	8.0	49	0.1	14.4	4.6	112	1.81	5.9	0.5	2.3	0.8	15	0.2	0.4	0.1	45	0.20	0.046
1339148	Soil	0.9	20.6	9.3	66	0.2	21.9	5.8	129	2.31	8.9	0.7	2.5	1.1	15	0.3	0.5	0.2	57	0.19	0.053
1339133	Soil	0.8	12.4	7.8	44	0.3	14.3	4.6	110	1.97	6.9	0.7	4.9	0.5	14	0.2	0.6	0.2	42	0.17	0.054

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 01, 2013

CERTIFICATE OF ANALYSIS WHI13000531.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
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
1339140	Soil	13	30	0.38	234	0.047	2	1.65	0.009	0.04	0.2	0.06	3.6	0.2	<0.05	5	<0.5	<0.2
1339243	Soil	10	28	0.34	203	0.049	1	1.50	0.010	0.04	0.2	0.08	3.0	0.1	<0.05	5	<0.5	<0.2
1339142	Soil	9	23	0.24	188	0.029	1	1.12	0.007	0.03	0.2	0.05	2.2	<0.1	<0.05	4	0.5	<0.2
1339249	Soil	11	27	0.33	827	0.038	1	1.48	0.009	0.05	0.3	0.11	2.8	0.1	<0.05	5	0.6	<0.2
1339143	Soil	11	26	0.35	168	0.047	1	1.40	0.010	0.04	0.2	0.06	2.6	0.1	<0.05	4	<0.5	<0.2
1339146	Soil	9	24	0.29	173	0.033	1	1.21	0.008	0.04	0.2	0.07	1.9	0.1	<0.05	5	<0.5	<0.2
1339242	Soil	11	27	0.36	211	0.044	<1	1.52	0.009	0.04	0.2	0.07	3.0	<0.1	<0.05	5	<0.5	<0.2
1339244	Soil	10	30	0.35	174	0.051	1	1.57	0.009	0.05	0.2	0.07	3.1	0.1	<0.05	5	<0.5	<0.2
1339128	Soil	5	8	0.05	56	0.009	<1	0.33	0.013	0.03	<0.1	0.03	0.2	<0.1	<0.05	2	<0.5	<0.2
1339144	Soil	11	28	0.35	194	0.037	1	1.52	0.009	0.04	0.2	0.06	2.8	0.1	<0.05	5	<0.5	<0.2
1339245	Soil	10	18	0.13	202	0.039	1	1.32	0.009	0.04	0.1	0.04	1.7	<0.1	<0.05	6	<0.5	<0.2
1339247	Soil	10	31	0.30	150	0.063	<1	1.92	0.007	0.04	0.3	0.06	2.3	<0.1	<0.05	7	<0.5	<0.2
1339147	Soil	10	25	0.35	171	0.039	1	1.36	0.007	0.04	0.2	0.07	2.3	0.1	<0.05	5	<0.5	<0.2
1339148	Soil	12	30	0.39	206	0.042	1	1.51	0.009	0.05	0.2	0.08	2.8	0.1	<0.05	5	0.5	<0.2
1339133	Soil	10	25	0.32	231	0.036	1	1.22	0.010	0.04	0.2	0.09	2.2	<0.1	<0.05	4	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 01, 2013

QUALITY CONTROL REPORT WHI13000531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																					
1360390	Soil	3.0	324.9	22.5	132	0.4	13.0	14.5	436	3.61	3.2	0.5	8.9	3.4	11	0.3	0.6	<0.1	91	0.18	0.016
REP 1360390	QC	2.9	323.7	23.2	133	0.4	14.3	14.7	457	3.71	3.7	0.5	8.1	3.5	12	0.4	0.6	0.1	92	0.18	0.015
1386723	Soil	1.0	16.1	8.4	49	<0.1	16.7	7.9	247	2.25	9.0	0.6	5.0	3.1	13	0.2	1.1	<0.1	50	0.12	0.035
REP 1386723	QC	0.9	16.6	8.5	47	<0.1	16.3	7.9	246	2.21	9.2	0.6	8.5	3.2	13	0.1	1.0	0.1	51	0.12	0.035
1356161	Soil	1.8	29.5	19.2	182	0.2	17.6	16.7	1253	3.97	4.9	0.7	5.1	2.8	37	0.5	1.1	0.1	90	0.70	0.043
REP 1356161	QC	1.4	29.2	19.2	184	0.3	17.0	16.4	1259	3.90	4.5	0.8	3.0	2.8	36	0.6	1.2	0.1	89	0.70	0.043
1338832	Soil	1.5	182.5	11.8	65	0.6	16.0	9.6	164	3.09	6.1	1.2	17.1	3.8	14	0.2	0.5	0.2	83	0.20	0.043
REP 1338832	QC	1.4	178.8	11.9	67	0.6	16.1	9.4	156	3.06	5.4	1.2	16.0	3.7	14	0.2	0.6	0.2	83	0.21	0.041
1339226	Soil	2.8	179.1	18.2	61	0.4	14.3	5.8	146	2.58	5.6	1.2	8.9	0.2	19	0.6	0.4	0.4	65	0.18	0.055
REP 1339226	QC	2.8	174.1	18.1	60	0.4	13.9	5.9	145	2.51	5.3	1.1	7.0	0.2	18	0.6	0.5	0.4	64	0.17	0.055
1339242	Soil	0.3	14.2	8.4	45	0.1	14.6	4.7	88	1.95	6.7	0.6	5.3	1.4	16	0.1	0.6	0.1	47	0.19	0.041
REP 1339242	QC	0.2	14.3	8.3	45	0.2	14.5	4.6	91	1.94	6.8	0.7	3.3	1.4	16	0.2	0.6	0.1	48	0.19	0.041
Reference Materials																					
STD DS10	Standard	13.8	139.8	142.6	336	1.9	69.5	12.1	823	2.58	43.1	2.5	78.5	7.1	54	2.4	9.9	8.9	42	0.98	0.071
STD DS10	Standard	13.7	147.8	145.8	340	1.9	66.5	11.8	847	2.60	41.5	2.5	82.6	7.3	55	2.3	9.8	8.8	43	1.01	0.070
STD DS10	Standard	15.0	150.9	150.5	351	1.9	74.9	12.4	865	2.72	43.9	2.6	79.9	7.5	58	2.4	9.8	9.4	45	1.04	0.071
STD DS10	Standard	15.1	152.9	153.6	356	2.0	76.0	13.2	888	2.80	45.0	2.7	90.8	7.6	59	2.4	9.4	9.4	46	1.06	0.076
STD DS10	Standard	14.3	148.5	150.8	347	2.0	71.0	12.4	866	2.86	45.5	2.4	82.8	7.3	69	2.5	8.5	12.0	45	1.05	0.075
STD DS10	Standard	14.8	147.0	139.3	351	2.0	75.9	13.7	889	2.79	40.4	2.4	80.8	6.9	60	2.5	8.7	11.0	47	1.03	0.068
STD OXC109	Standard	1.4	34.1	9.9	38	<0.1	63.5	17.0	372	2.58	0.7	0.5	206.9	1.2	110	<0.1	<0.1	<0.1	45	0.61	0.097
STD OXC109	Standard	1.5	35.4	11.0	40	<0.1	71.4	18.0	398	2.80	<0.5	0.5	210.5	1.4	118	<0.1	<0.1	<0.1	48	0.68	0.101
STD OXC109	Standard	1.4	34.7	11.1	41	<0.1	71.3	18.8	414	2.84	<0.5	0.5	202.2	1.4	120	<0.1	<0.1	<0.1	48	0.70	0.101
STD OXC109	Standard	1.5	35.2	10.4	41	<0.1	69.5	19.0	408	2.80	0.6	0.6	195.2	1.4	122	<0.1	<0.1	<0.1	49	0.75	0.103
STD OXC109	Standard	1.5	35.1	10.2	37	<0.1	71.3	19.3	417	2.98	0.7	0.6	212.3	1.4	141	<0.1	<0.1	<0.1	49	0.66	0.109
STD OXC109	Standard	1.5	34.0	9.8	40	<0.1	77.0	20.8	424	2.98	1.0	0.5	215.0	1.3	137	<0.1	<0.1	<0.1	55	0.71	0.102
STD DS10 Expected		14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	2.59	91.9	7.5	67.1	2.48	9.51	11.65	43	1.0355	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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 01, 2013

QUALITY CONTROL REPORT WHI13000531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	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																		
1360390	Soil	9	26	1.19	417	0.160	<1	2.52	0.013	0.49	0.2	0.01	7.1	0.4	<0.05	7	<0.5	<0.2
REP 1360390	QC	9	28	1.18	429	0.167	1	2.46	0.013	0.50	0.1	0.03	7.1	0.5	<0.05	7	0.8	<0.2
1386723	Soil	10	26	0.30	187	0.059	2	1.34	0.007	0.04	0.3	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
REP 1386723	QC	10	26	0.29	187	0.064	1	1.33	0.007	0.04	0.3	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
1356161	Soil	8	41	1.20	1030	0.117	<1	2.00	0.012	0.47	0.2	0.11	8.6	0.2	<0.05	5	<0.5	<0.2
REP 1356161	QC	8	41	1.22	1039	0.116	2	2.01	0.012	0.49	0.2	0.11	8.4	0.2	<0.05	6	<0.5	<0.2
1338832	Soil	21	29	0.67	343	0.079	1	2.27	0.013	0.16	0.1	0.14	7.8	0.2	<0.05	8	0.7	<0.2
REP 1338832	QC	20	28	0.65	343	0.079	2	2.22	0.012	0.16	0.1	0.15	7.6	0.2	<0.05	8	0.9	<0.2
1339226	Soil	15	33	0.54	527	0.024	1	2.00	0.009	0.11	<0.1	0.21	3.1	0.2	0.06	6	1.1	<0.2
REP 1339226	QC	14	32	0.53	501	0.022	<1	1.94	0.008	0.11	<0.1	0.17	3.1	0.1	0.06	6	0.9	<0.2
1339242	Soil	11	27	0.36	211	0.044	<1	1.52	0.009	0.04	0.2	0.07	3.0	<0.1	<0.05	5	<0.5	<0.2
REP 1339242	QC	11	28	0.37	214	0.046	1	1.55	0.010	0.04	0.2	0.07	3.2	<0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	16	53	0.75	338	0.076	7	0.97	0.060	0.33	3.4	0.27	3.0	4.6	0.29	4	1.6	4.2
STD DS10	Standard	17	54	0.74	347	0.077	7	1.01	0.062	0.31	3.3	0.27	3.0	4.7	0.29	4	2.1	4.5
STD DS10	Standard	18	55	0.74	354	0.082	7	1.03	0.064	0.33	3.7	0.27	3.1	4.9	0.29	4	1.8	4.4
STD DS10	Standard	18	56	0.80	354	0.086	7	1.10	0.072	0.33	3.1	0.28	3.2	4.9	0.30	4	2.6	5.1
STD DS10	Standard	18	54	0.75	371	0.080	6	1.03	0.065	0.32	3.2	0.28	3.0	4.8	0.24	4	3.2	4.8
STD DS10	Standard	16	59	0.74	355	0.076	7	0.97	0.058	0.31	3.7	0.32	2.5	5.0	0.25	4	2.1	5.1
STD OXC109	Standard	11	54	1.31	50	0.346	1	1.34	0.606	0.37	<0.1	<0.01	1.1	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	57	1.43	53	0.374	2	1.50	0.665	0.41	0.2	<0.01	1.1	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	58	1.42	54	0.371	2	1.47	0.643	0.40	0.2	<0.01	1.2	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	58	1.41	54	0.377	1	1.50	0.661	0.40	0.2	<0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	58	1.40	57	0.367	1	1.44	0.630	0.43	0.2	<0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	64	1.49	57	0.403	1	1.55	0.656	0.40	0.2	<0.01	1.2	<0.1	<0.05	6	<0.5	<0.2
STD DS10 Expected		17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 01, 2013

QUALITY CONTROL REPORT WHI13000531.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 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
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: NIN
Report Date: November 01, 2013

QUALITY CONTROL REPORT WHI13000531.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 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
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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: July 02, 2013
Report Date: July 10, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI13000076.1

CLIENT JOB INFORMATION

Project: KAM
Shipment ID:
P.O. Number
Number of Samples: 2

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
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	2	Dry at 60C			WHI
SS80	2	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	2	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Jean Pautler

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: KAM
Report Date: July 10, 2013

CERTIFICATE OF ANALYSIS WHI13000076.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
S2032044	Soil	0.7	19.2	13.5	104	<0.1	10.9	15.1	3042	3.91	2.1	0.8	3.7	85	0.1	0.2	0.1	41	0.65	0.108	31
S2032049	Soil	0.8	14.4	13.2	60	<0.1	5.8	12.8	1861	3.72	0.9	1.1	1.7	83	<0.1	0.1	<0.1	57	0.88	0.125	24

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: KAM
Report Date: July 10, 2013

CERTIFICATE OF ANALYSIS WHI13000076.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	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
MDL	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
S2032044 Soil	10	0.45	638	0.001	<1	2.47	0.013	0.03	<0.1	<0.01	8.0	<0.1	<0.05	9	<0.5	<0.2
S2032049 Soil	7	0.36	408	0.002	1	1.55	0.015	0.03	<0.1	0.11	9.5	<0.1	<0.05	5	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: KAM
Report Date: July 10, 2013

QUALITY CONTROL REPORT WHI13000076.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Reference Materials																					
STD DS11	Standard	14.5	146.8	139.6	330	1.9	77.2	13.1	1029	3.08	41.0	80.9	7.5	72	2.3	9.4	11.6	48	0.98	0.063	22
STD DS9	Standard	14.2	112.3	131.3	323	1.9	42.2	8.3	619	2.43	26.3	128.9	6.7	85	2.4	6.2	6.9	43	0.78	0.088	17
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: KAM
Report Date: July 10, 2013

QUALITY CONTROL REPORT WHI13000076.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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
	MDL	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
Reference Materials																	
STD DS11	Standard	58	0.87	378	0.091	8	1.14	0.067	0.38	3.2	0.29	3.0	4.7	0.19	5	1.6	4.9
STD DS9	Standard	123	0.69	322	0.122	3	1.02	0.095	0.41	3.3	0.21	3.0	5.5	0.17	5	5.2	5.4
STD DS9 Expected		121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<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

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: July 03, 2013
Report Date: July 12, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI13000077.1

CLIENT JOB INFORMATION

Project: KAM
Shipment ID:
P.O. Number
Number of Samples: 7

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
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
R200-250	7	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	7	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	7	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Jean Pautler

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: KAM
Report Date: July 12, 2013

CERTIFICATE OF ANALYSIS WHI13000077.1

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
2032042	Rock	0.73	<2	1.8	73.0	1.9	5	0.1	24.4	5.1	106	1.86	0.5	1.7	<0.1	<1	<0.1	0.2	<0.1	<2	<0.01
2032043	Rock	1.29	<2	0.7	14.1	0.7	9	<0.1	5.4	3.6	133	1.58	1.0	1.4	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
2032045	Rock	1.83	<2	0.8	20.2	1.5	7	<0.1	5.6	1.4	142	0.95	1.5	1.1	0.3	1	<0.1	0.1	<0.1	4	<0.01
2032046	Rock	2.43	<2	0.5	16.9	1.2	5	<0.1	3.3	0.9	85	1.20	3.1	1.7	0.6	1	<0.1	0.3	<0.1	<2	<0.01
2032047	Rock	1.35	3	3.0	36.1	2.8	20	0.3	13.6	4.2	315	4.66	39.5	3.3	0.2	1	<0.1	3.4	<0.1	<2	<0.01
2032048	Rock	0.55	4	2.9	65.9	3.9	71	<0.1	22.2	6.1	702	7.60	5.3	3.0	0.5	3	0.4	0.7	0.1	26	0.01
2032050	Rock	1.03	<2	1.5	9.4	12.1	60	<0.1	13.0	7.8	706	3.02	4.1	0.5	6.0	92	0.2	<0.1	0.4	45	0.55

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: KAM
Report Date: July 12, 2013

CERTIFICATE OF ANALYSIS WHI13000077.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2
2032042	Rock	0.005	<1	3	<0.01	6	<0.001	<20	0.03	0.002	0.01	<0.1	<0.01	<0.1	<0.05	0.2	<0.5	<1	<0.2
2032043	Rock	0.017	<1	4	<0.01	15	<0.001	<20	0.05	0.002	0.02	<0.1	<0.01	<0.1	<0.05	0.3	<0.5	<1	<0.2
2032045	Rock	0.013	2	4	<0.01	28	0.001	<20	0.10	0.001	0.03	<0.1	<0.01	<0.1	<0.05	0.9	<0.5	<1	<0.2
2032046	Rock	0.011	4	3	<0.01	13	<0.001	<20	0.04	0.002	0.01	<0.1	<0.01	<0.1	<0.05	0.2	<0.5	<1	<0.2
2032047	Rock	0.042	<1	6	<0.01	42	0.002	<20	0.13	0.002	0.03	<0.1	0.02	<0.1	<0.05	0.7	<0.5	<1	<0.2
2032048	Rock	0.165	2	7	<0.01	137	0.002	<20	0.19	0.002	0.04	<0.1	<0.01	<0.1	<0.05	1.9	1.0	<1	<0.2
2032050	Rock	0.092	24	8	0.35	621	0.050	<20	1.32	0.081	0.12	<0.1	<0.01	<0.1	<0.05	4.1	<0.5	5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: KAM
Report Date: July 12, 2013

QUALITY CONTROL REPORT WHI13000077.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
2032050	Rock	1.03	<2	1.5	9.4	12.1	60	<0.1	13.0	7.8	706	3.02	4.1	0.5	6.0	92	0.2	<0.1	0.4	45	0.55
REP 2032050	QC			1.4	9.6	11.7	59	<0.1	13.2	7.4	705	3.04	4.0	0.5	5.8	92	0.4	<0.1	0.3	45	0.55
Reference Materials																					
STD DS9	Standard			12.5	116.1	137.3	329	1.8	43.9	8.2	615	2.52	26.4	99.6	6.5	72	2.5	4.3	7.2	43	0.74
STD OREAS45EA	Standard			1.3	676.4	15.2	29	0.3	385.3	53.7	389	24.30	8.1	59.0	11.0	4	<0.1	0.1	0.3	294	0.04
STD OXK94	Standard		3721																		
STD SH55	Standard		1443																		
STD SH55 Expected			1375																		
STD OXK94 Expected			3562																		
STD DS9 Expected				12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD OREAS45EA Expected				1.78	709	14.3	30.6	0.311	357	52	400	22.65	11.4	53	10.7	4.05	0.03	0.64	0.26	295	0.032
BLK	Blank		3																		
BLK	Blank		<2																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1-WHI	Prep Blank		<2	0.1	4.2	3.8	52	<0.1	3.4	4.4	640	2.23	<0.5	1.3	7.1	79	<0.1	<0.1	<0.1	41	0.51

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: KAM
Report Date: July 12, 2013

QUALITY CONTROL REPORT WHI13000077.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2
Pulp Duplicates																			
2032050	Rock	0.092	24	8	0.35	621	0.050	<20	1.32	0.081	0.12	<0.1	<0.01	<0.1	<0.05	4.1	<0.5	5	<0.2
REP 2032050	QC	0.093	24	8	0.35	612	0.048	<20	1.31	0.080	0.12	<0.1	<0.01	<0.1	<0.05	3.8	<0.5	5	<0.2
Reference Materials																			
STD DS9	Standard	0.095	13	132	0.65	334	0.110	<20	0.99	0.090	0.42	2.7	0.22	5.5	0.18	2.4	4.6	5	5.3
STD OREAS45EA	Standard	0.029	7	870	0.09	148	0.087	<20	3.13	0.024	0.05	<0.1	<0.01	0.2	<0.05	74.6	<0.5	12	<0.2
STD OXK94	Standard																		
STD SH55	Standard																		
STD SH55 Expected																			
STD OXK94 Expected																			
STD DS9 Expected		0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	5.3	0.1615	2.5	5.2	4.59	5.02
STD OREAS45EA Expected		0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		0.34	0.072	0.044	78	2.09	11.7	0.11
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2
Prep Wash																			
G1-WHI	Prep Blank	0.083	14	6	0.56	186	0.131	<20	1.02	0.091	0.54	<0.1	<0.01	0.4	<0.05	2.4	<0.5	5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: September 26, 2013
Report Date: October 24, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI13000455.1

CLIENT JOB INFORMATION

Project: KAM
Shipment ID:
P.O. Number
Number of Samples: 15

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
R200-250	15	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	15	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	15	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
7TD	1	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Jean Pautler

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: KAM
Report Date: October 24, 2013

CERTIFICATE OF ANALYSIS WHI13000455.1

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1298638	Rock	0.32	228	0.2	>10000	1.3	57	5.8	893.7	114.0	531	7.89	<0.5	189.8	0.1	7	1.1	<0.1	0.9	60	0.36
1298639	Rock	1.12	3	5.4	91.7	16.9	52	0.4	30.4	13.5	559	2.90	4.4	2.2	6.3	21	0.1	0.5	0.2	80	0.52
1298640	Rock	0.73	2	2.8	70.5	4.6	6	<0.1	10.5	9.0	157	0.84	1.2	1.4	0.2	3	<0.1	0.2	<0.1	8	0.05
1298641	Rock	2.04	19	152.6	1837.9	17.3	58	5.8	21.7	34.8	196	22.36	12.4	17.0	3.0	7	0.5	2.6	2.5	72	0.12
1298642	Rock	2.10	2	5.8	21.7	9.6	47	0.3	5.7	4.3	521	0.81	1.7	2.5	0.3	19	1.6	0.4	0.1	7	1.86
1298643	Rock	1.52	5	48.1	192.7	19.4	20	1.0	4.3	4.9	61	1.71	10.1	5.0	0.3	2	0.1	1.3	0.2	7	0.02
1298644	Rock	1.20	10	0.4	60.6	15.4	40	0.2	10.4	10.3	402	1.70	15.2	2.8	1.4	15	0.3	2.0	0.7	28	0.22
1298645	Rock	0.59	<2	2.1	113.2	23.6	1543	0.4	32.3	23.2	1183	4.94	21.4	2.9	5.4	7	8.0	16.8	0.5	107	0.58
1298646	Rock	1.20	<2	0.1	5.3	4.2	11	<0.1	2.7	2.4	125	0.58	12.0	<0.5	0.3	2	<0.1	0.6	<0.1	6	0.04
1298647	Rock	1.94	3	0.1	3.3	1.5	10	0.1	0.7	1.1	3043	1.96	97.4	1.6	0.5	343	<0.1	4.9	<0.1	16	30.53
1298648	Rock	0.70	7	108.6	710.1	7.7	36	0.8	31.9	23.1	465	15.98	8.5	5.3	4.8	21	0.3	1.5	2.2	142	0.24
1330861	Rock	0.56	2	0.2	41.7	61.2	124	0.3	41.0	30.9	2812	3.81	19.7	1.7	6.8	8	1.3	0.4	0.4	10	0.08
1330862	Rock	1.47	<2	0.9	8.6	0.9	<1	<0.1	0.9	0.4	45	0.54	1.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
1298637	Rock	1.27	<2	<0.1	4.0	6.1	5	<0.1	1.6	1.4	62	0.77	3.3	<0.5	<0.1	29	<0.1	0.3	<0.1	<2	0.15
1298650	Rock	1.65	4	8.5	12.7	2.6	29	<0.1	4.5	0.7	54	0.72	1.2	<0.5	0.7	4	<0.1	0.2	0.2	25	<0.01

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: KAM
Report Date: October 24, 2013

CERTIFICATE OF ANALYSIS WHI13000455.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2	0.001
1298638	Rock	0.013	<1	415	10.20	9	0.019	<20	0.81	0.001	<0.01	<0.1	0.90	<0.1	1.27	5.6	6.4	2	<0.2	1.747
1298639	Rock	0.025	10	119	1.18	84	0.151	<20	1.43	0.042	0.18	0.1	<0.01	<0.1	<0.05	9.6	<0.5	6	<0.2	
1298640	Rock	0.002	<1	10	0.10	15	0.007	<20	0.18	0.004	0.02	<0.1	<0.01	<0.1	<0.05	0.8	0.5	<1	<0.2	
1298641	Rock	0.018	7	63	0.18	118	0.014	<20	1.07	0.002	0.14	19.0	0.01	<0.1	0.07	6.5	4.4	8	0.5	
1298642	Rock	0.004	5	9	0.16	198	0.005	<20	0.19	0.003	0.04	<0.1	<0.01	<0.1	<0.05	0.9	<0.5	<1	<0.2	
1298643	Rock	0.002	2	12	0.05	33	<0.001	<20	0.17	0.001	0.04	<0.1	<0.01	<0.1	<0.05	1.1	1.0	<1	<0.2	
1298644	Rock	0.014	2	29	0.56	33	0.029	<20	0.85	0.027	0.08	0.1	<0.01	<0.1	<0.05	3.3	<0.5	3	<0.2	
1298645	Rock	0.031	7	160	2.33	23	0.032	<20	2.69	0.018	0.11	0.2	<0.01	<0.1	<0.05	10.8	<0.5	10	<0.2	
1298646	Rock	0.002	<1	7	0.05	15	0.007	<20	0.19	0.002	0.02	<0.1	<0.01	<0.1	<0.05	0.8	<0.5	<1	<0.2	
1298647	Rock	0.002	8	11	1.45	51	0.001	<20	0.42	0.002	<0.01	0.1	<0.01	<0.1	<0.05	3.1	<0.5	2	<0.2	
1298648	Rock	0.032	10	112	0.46	174	0.070	<20	1.49	0.019	0.16	0.2	<0.01	<0.1	0.09	12.3	1.6	10	0.3	
1330861	Rock	0.023	20	10	0.29	127	0.029	<20	0.81	0.010	0.44	<0.1	0.01	0.2	<0.05	3.7	<0.5	2	<0.2	
1330862	Rock	0.018	<1	5	<0.01	7	<0.001	<20	0.03	<0.001	0.01	<0.1	<0.01	<0.1	<0.05	1.0	<0.5	<1	<0.2	
1298637	Rock	<0.001	<1	5	<0.01	211	<0.001	<20	0.14	0.066	0.06	<0.1	<0.01	<0.1	0.47	0.1	<0.5	<1	<0.2	
1298650	Rock	0.010	3	8	<0.01	10	<0.001	<20	0.07	<0.001	0.06	<0.1	<0.01	<0.1	<0.05	0.4	<0.5	<1	<0.2	

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: KAM
Report Date: October 24, 2013

QUALITY CONTROL REPORT WHI13000455.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
1298645	Rock	0.59	<2	2.1	113.2	23.6	1543	0.4	32.3	23.2	1183	4.94	21.4	2.9	5.4	7	8.0	16.8	0.5	107	0.58
REP 1298645	QC			2.1	111.8	24.0	1554	0.5	32.0	23.0	1192	4.98	22.6	1.0	5.3	7	7.6	18.1	0.5	108	0.58
Core Reject Duplicates																					
1298642	Rock	2.10	2	5.8	21.7	9.6	47	0.3	5.7	4.3	521	0.81	1.7	2.5	0.3	19	1.6	0.4	0.1	7	1.86
DUP 1298642	QC		2	6.4	24.6	10.5	50	0.3	5.5	4.4	556	0.92	1.6	2.0	0.3	21	1.6	0.4	<0.1	8	1.96
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS10	Standard			11.5	151.1	150.7	354	1.9	76.4	12.8	849	2.66	44.4	53.0	7.4	65	2.5	6.7	11.1	41	1.02
STD OREAS45EA	Standard			1.4	658.1	14.3	28	0.3	361.2	49.2	379	23.71	9.7	47.4	9.8	4	<0.1	0.3	0.2	283	0.03
STD OXC109	Standard		200																		
STD OXI96	Standard		1829																		
STD OXC109 Expected			201																		
STD OXI96 Expected			1802																		
STD DS10 Expected				14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	43	1.0355
STD OREAS45EA Expected				1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	303	0.036
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																				
Prep Wash																					
G1-WHI	Prep Blank		<2	<0.1	3.7	3.3	44	<0.1	3.1	4.0	564	1.95	<0.5	<0.5	5.5	53	<0.1	<0.1	<0.1	36	0.67
G1-WHI	Prep Blank		<2	<0.1	3.4	3.2	44	<0.1	2.1	3.8	556	1.87	<0.5	<0.5	6.0	50	<0.1	<0.1	<0.1	35	0.44

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: KAM
Report Date: October 24, 2013

QUALITY CONTROL REPORT WHI13000455.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2	0.001
Pulp Duplicates																				
1298645	Rock	0.031	7	160	2.33	23	0.032	<20	2.69	0.018	0.11	0.2	<0.01	<0.1	<0.05	10.8	<0.5	10	<0.2	
REP 1298645	QC	0.032	7	162	2.35	24	0.032	<20	2.71	0.018	0.11	0.2	<0.01	<0.1	<0.05	10.8	<0.5	9	<0.2	
Core Reject Duplicates																				
1298642	Rock	0.004	5	9	0.16	198	0.005	<20	0.19	0.003	0.04	<0.1	<0.01	<0.1	<0.05	0.9	<0.5	<1	<0.2	
DUP 1298642	QC	0.004	5	9	0.16	223	0.004	<20	0.19	0.003	0.04	<0.1	<0.01	<0.1	<0.05	0.9	<0.5	<1	<0.2	
Reference Materials																				
STD CDN-ME-14	Standard																			1.216
STD CDN-ME-9	Standard																			0.635
STD DS10	Standard	0.073	16	53	0.74	369	0.073	<20	0.98	0.062	0.32	2.7	0.28	4.7	0.28	2.6	1.7	4	5.1	
STD OREAS45EA	Standard	0.028	6	813	0.09	134	0.085	<20	3.01	0.018	0.05	<0.1	<0.01	<0.1	<0.05	72.8	1.0	12	<0.2	
STD OXC109	Standard																			
STD OXI96	Standard																			
STD OXC109 Expected																				
STD OXI96 Expected																				
STD DS10 Expected		0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	4.79	0.2743	2.8	2.3	4.3	4.89	
STD OREAS45EA Expected		0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			0.072	0.036	78	0.6	11.7	0.07	
STD CDN-ME-14 Expected																				1.221
STD CDN-ME-9 Expected																				0.654
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2	
BLK	Blank																			<0.001
Prep Wash																				
G1-WHI	Prep Blank	0.073	13	6	0.60	161	0.125	<20	0.91	0.081	0.52	<0.1	<0.01	0.3	<0.05	2.3	<0.5	5	<0.2	
G1-WHI	Prep Blank	0.070	13	7	0.47	144	0.118	<20	0.84	0.075	0.45	<0.1	<0.01	0.3	<0.05	2.3	<0.5	4	<0.2	

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Submitted By: Rasool Mohammad
Receiving Lab: Canada-Whitehorse
Received: September 26, 2013
Report Date: October 07, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI13000456.1

CLIENT JOB INFORMATION

Project: KAM
Shipment ID:
P.O. Number
Number of Samples: 1

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	1	Dry at 60C			WHI
SS80	1	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	1	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Jean Pautler

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: KAM
Report Date: October 07, 2013

CERTIFICATE OF ANALYSIS WHI13000456.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
S1298649	Soil	1.3	13.2	9.0	65	<0.1	16.8	12.6	327	4.20	4.5	<0.5	5.3	15	<0.1	1.6	0.3	57	0.12	0.018	17

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: KAM
Report Date: October 07, 2013

CERTIFICATE OF ANALYSIS WHI13000456.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	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
MDL	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
S1298649 Soil	38	0.23	360	0.007	<1	1.28	0.006	0.10	<0.1	0.04	7.2	<0.1	<0.05	3	<0.5	<0.2

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: KAM
Report Date: October 07, 2013

QUALITY CONTROL REPORT WHI13000456.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
S1298649	Soil	1.3	13.2	9.0	65	<0.1	16.8	12.6	327	4.20	4.5	<0.5	5.3	15	<0.1	1.6	0.3	57	0.12	0.018	17
REP S1298649	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Reference Materials																					
STD DS10	Standard	13.5	149.5	144.2	348	1.9	71.8	12.8	843	2.77	43.3	73.4	7.3	62	2.4	8.2	11.4	42	1.02	0.070	16
STD DS10 Expected		14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	43	1.0355	0.073	17.5
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

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

Project: KAM
Report Date: October 07, 2013

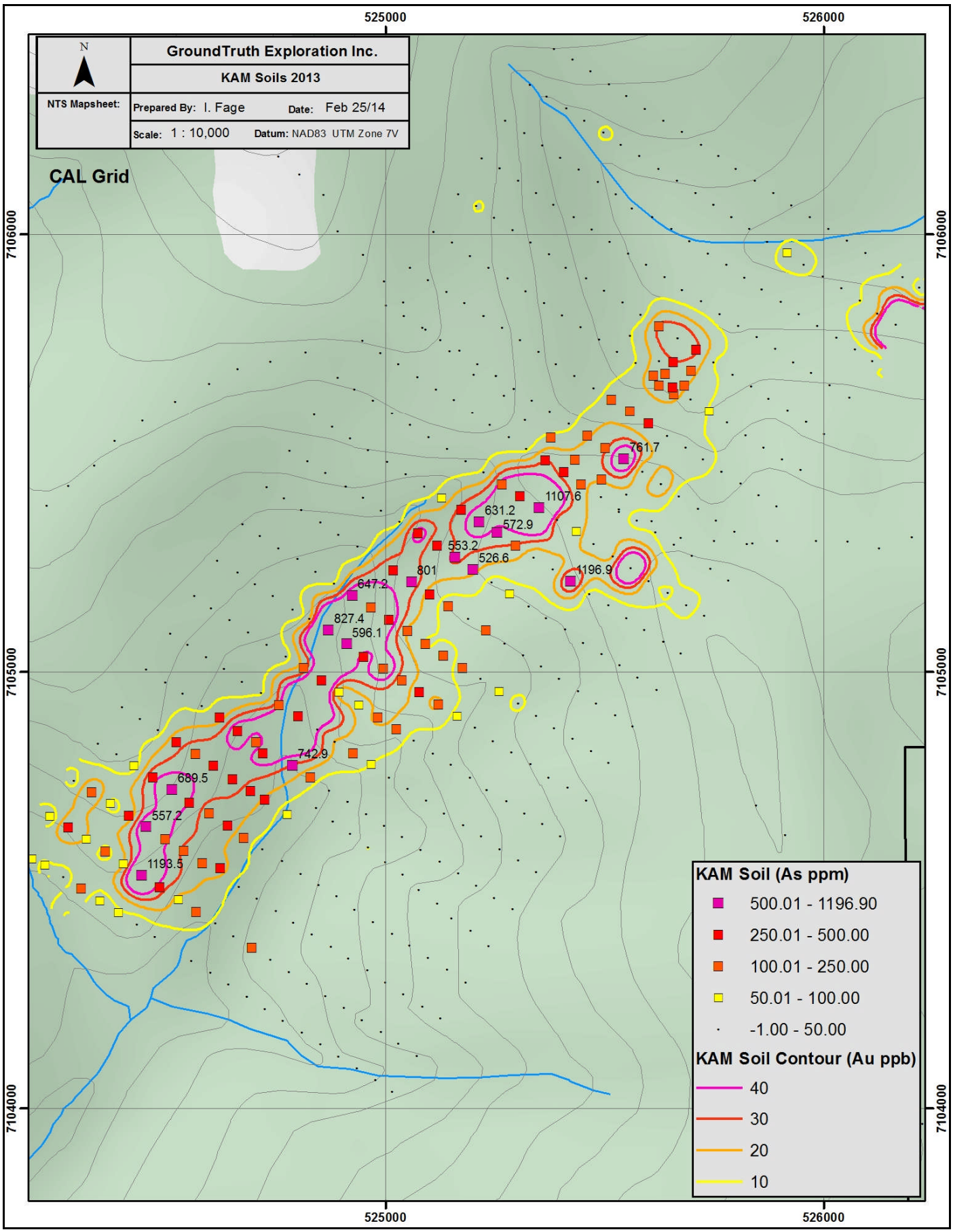
QUALITY CONTROL REPORT WHI13000456.1

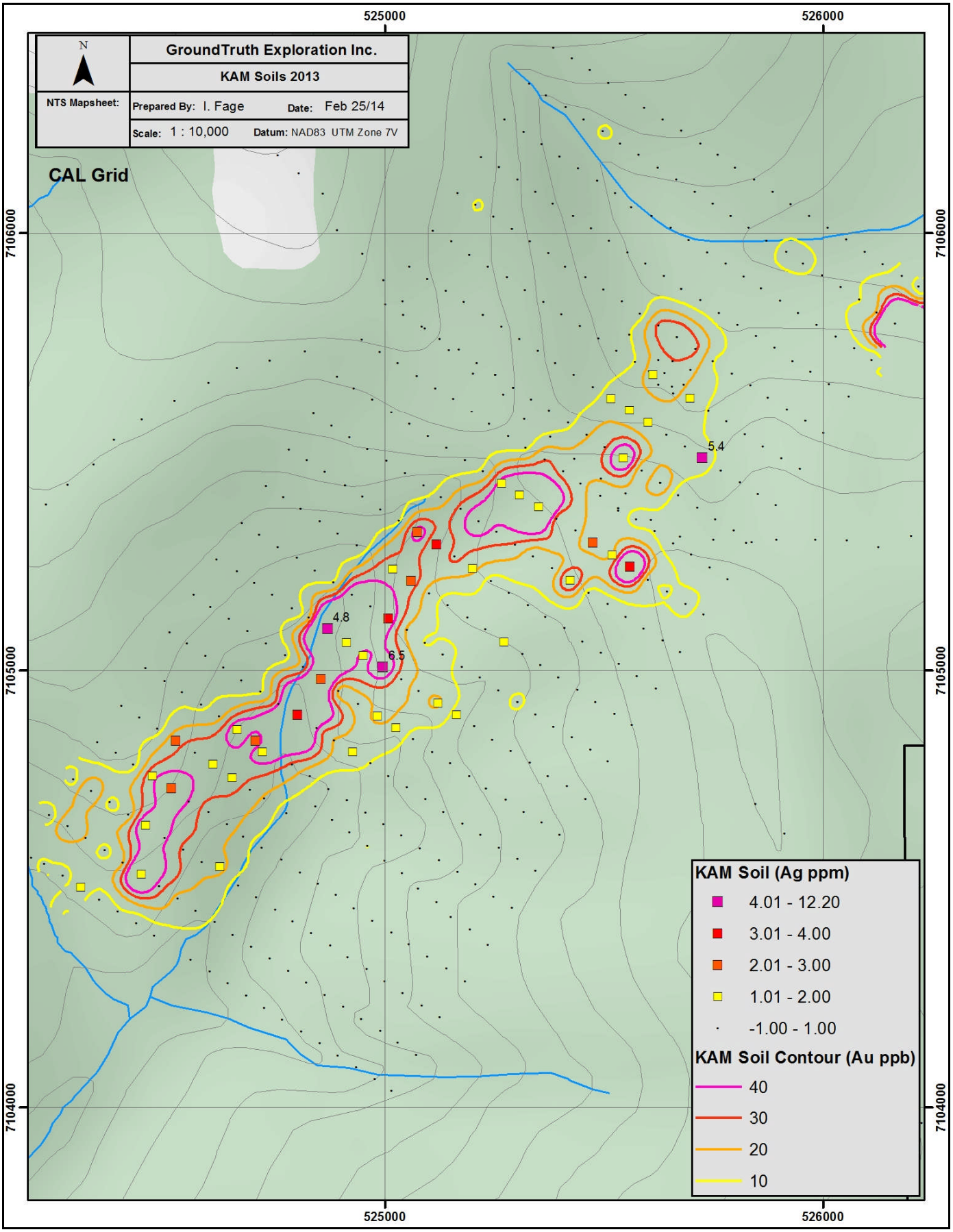
	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
S1298649	Soil	38	0.23	360	0.007	<1	1.28	0.006	0.10	<0.1	0.04	7.2	<0.1	<0.05	3	<0.5	<0.2
REP S1298649	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Reference Materials																	
STD DS10	Standard	53	0.77	348	0.075	8	1.01	0.065	0.31	3.2	0.25	2.8	4.7	0.25	4	2.3	5.1
STD DS10 Expected		54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
BLK	Blank	<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

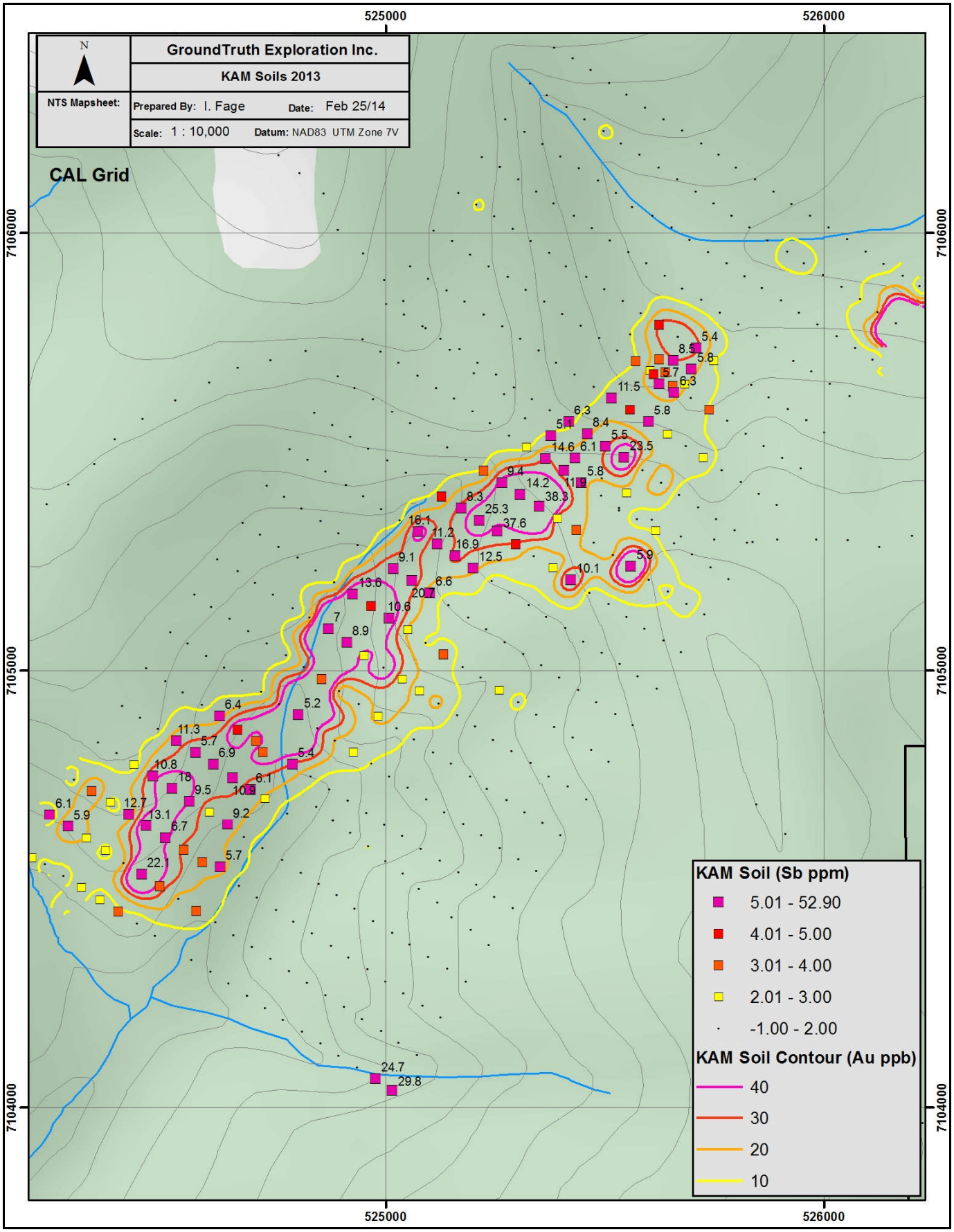
This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

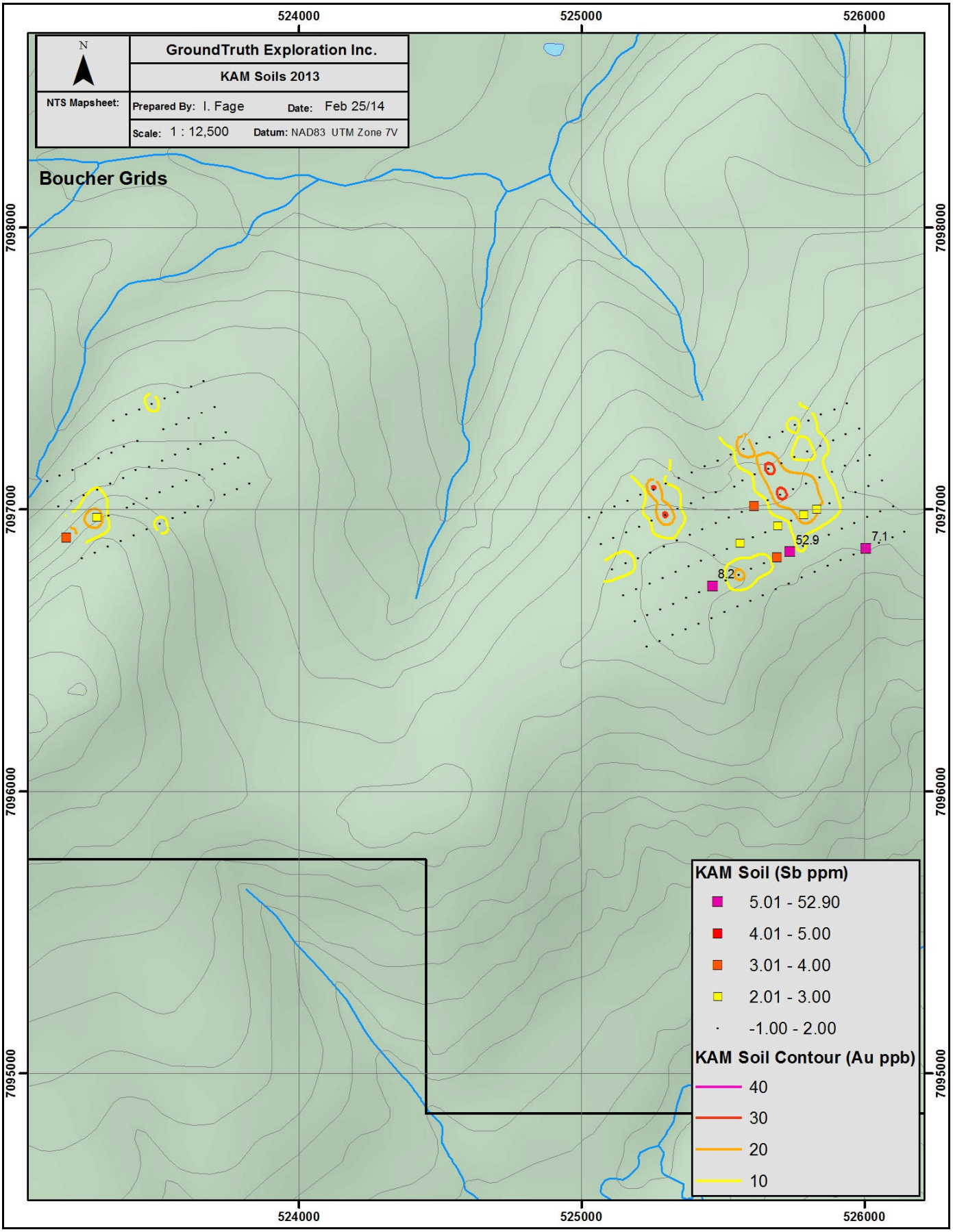
Appendix VI:

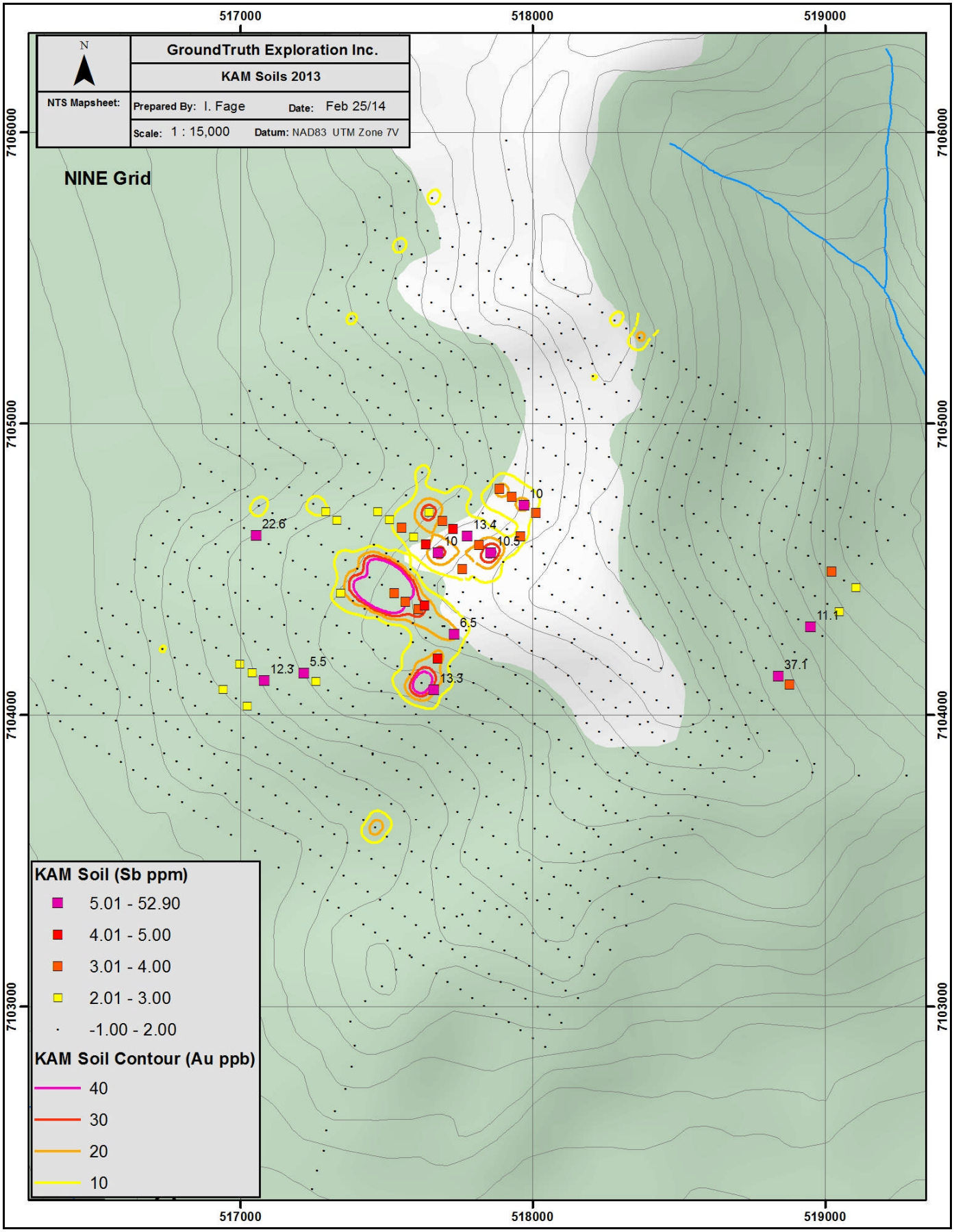
Additional Soil Maps for Reference
(showing multi-element signatures)

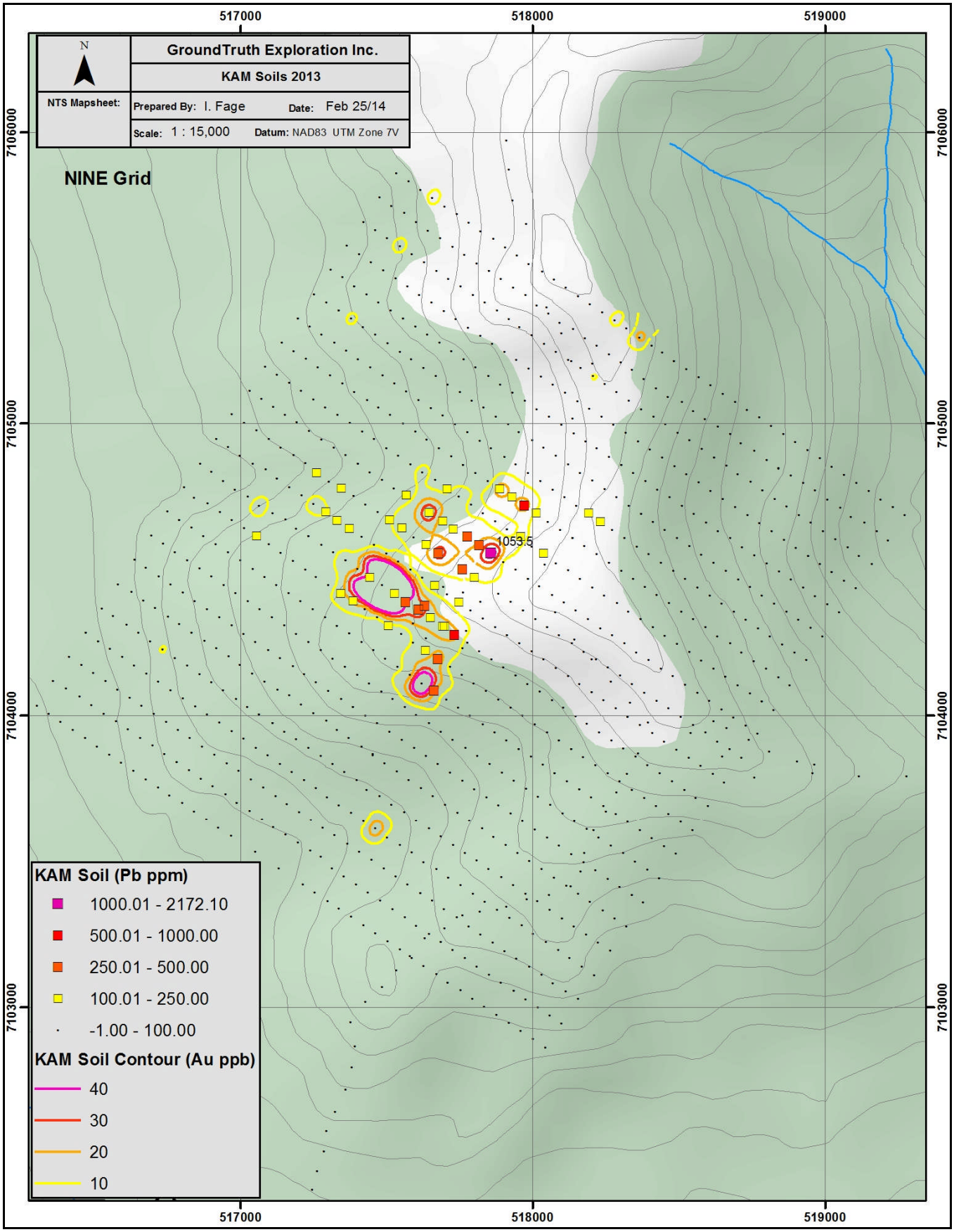

GroundTruth Exploration Inc.
KAM Soils 2013
NTS Mapsheet:
Prepared By: I. Fage
Date: Feb 25/14
Scale: 1 : 10,000
Datum: NAD83 UTM Zone 7V
N
CAL Grid
525000
526000
7106000
7105000
7104000
761.7
1107.6
631.2
572.9
553.2
526.6
801
1196.9
647.2
827.4
596.1
742.9
689.5
557.2
1193.5
KAM Soil (As ppm)
500.01 - 1196.90
250.01 - 500.00
100.01 - 250.00
50.01 - 100.00
-1.00 - 50.00
KAM Soil Contour (Au ppb)
40
30
20
10


N
GroundTruth Exploration Inc.
KAM Soils 2013
NTS Mapsheet:
Prepared By: I. Fage
Date: Feb 25/14
Scale: 1 : 10,000
Datum: NAD83 UTM Zone 7V
CAL Grid
525000
526000
7106000
7105000
7104000
5.4
4.8
6.5
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


GroundTruth Exploration Inc.
KAM Soils 2013
NTS Mapsheet:
Prepared By: I. Fage
Date: Feb 25/14
Scale: 1 : 10,000
Datum: NAD83 UTM Zone 7V
N
CAL Grid
525000
526000
7106000
7105000
7104000
KAM Soil (Sb ppm)
5.01 - 52.90
4.01 - 5.00
3.01 - 4.00
2.01 - 3.00
-1.00 - 2.00
KAM Soil Contour (Au ppb)
40
30
20
10


N
GroundTruth Exploration Inc.
KAM Soils 2013
NTS Mapsheet:
Prepared By: I. Fage
Date: Feb 25/14
Scale: 1 : 12,500
Datum: NAD83 UTM Zone 7V
Boucher Grids
524000
525000
526000
7098000
7097000
7096000
7095000
52.9
7.1
8.2
KAM Soil (Sb ppm)
5.01 - 52.90
4.01 - 5.00
3.01 - 4.00
2.01 - 3.00
-1.00 - 2.00
KAM Soil Contour (Au ppb)
40
30
20
10


N
GroundTruth Exploration Inc.
KAM Soils 2013
NTS Mapsheet:
Prepared By: I. Fage
Date: Feb 25/14
Scale: 1 : 15,000
Datum: NAD83 UTM Zone 7V
NINE Grid
517000
518000
519000
7106000
7105000
7104000
7103000
22.6
10
13.4
10
10.5
6.5
12.3
5.5
13.3
11.1
37.1
KAM Soil (Sb ppm)
5.01 - 52.90
4.01 - 5.00
3.01 - 4.00
2.01 - 3.00
-1.00 - 2.00
KAM Soil Contour (Au ppb)
40
30
20
10


N
GroundTruth Exploration Inc.
KAM Soils 2013
NTS Mapsheet:
Prepared By: I. Fage
Date: Feb 25/14
Scale: 1 : 15,000
Datum: NAD83 UTM Zone 7V
NINE Grid
517000
518000
519000
7106000
7105000
7104000
7103000
1053.5
KAM Soil (Pb ppm)
1000.01 - 2172.10
500.01 - 1000.00
250.01 - 500.00
100.01 - 250.00
-1.00 - 100.00
KAM Soil Contour (Au ppb)
40
30
20
10