Memorandum on 2019 Surface Work

On the

Mayo Mint Property

In the

Mayo Mining District, Yukon

NTS Sheet 115P09 (Minto Lake)
436,000mE 7,065,200mN
UTM Z8

By:

Marty Huber, M.Sc., P.Geo
Tyrell Sutherland M.Sc., P.Geo.

January 10, 2020

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Introduction and Terms of Reference

Big River Mineral Exploration Inc. ("Big River") was engaged by Tyrell Sutherland and Marty Huber ("the Proponents ") to manage and report on claim staking, grid soil sampling, prospecting and stream sediment sampling on the Mayo Mint property ("Mayo Mint" or the "Property") in Yukon in 2019. The goal of the surface work was to identify anomalous gold trends that may lead to the discovery of gold bearing structures. This memorandum report was prepared to complete statutory assessment work filings as required under the Yukon Quartz Mining Act. It is not intended and does not fully comply with National Instrument 43-101. The program was funded in part by Yukon Mining Exploration Program ("YMEP") Application 19-014 referred to in the proposal as "Macallan South". The work done followed closely to the proposed plan with a few changes to extent of ground covered.

Location

The Mayo Mint block is located approximately 20 km northwest of Mayo and directly south of Golden Predator Corp.'s Gold Dome Property (Figure 1). The approximate center of the Project Area is described by 436,000mE and 7,065,200mN UTM Zone 8 and appears on NTS Sheet 115P09 (Minto Lake). The property covers an approximate area of 1000 hectares and includes 48 un-surveyed mineral titles within the Mayo Mining Division more fully described in Table 1 below.

Table 1 - List of Claims

Claim Name No.	Tag No.	Expiry Date	#
Sun 1 to 22	YE95463 to YE95484	24-May-2020	22
Sun 23 to 28	YE95485 to YE95490	29-May-2020	6
Sun 29 to 48	YE95491 to YE95510	24-May-2020	20

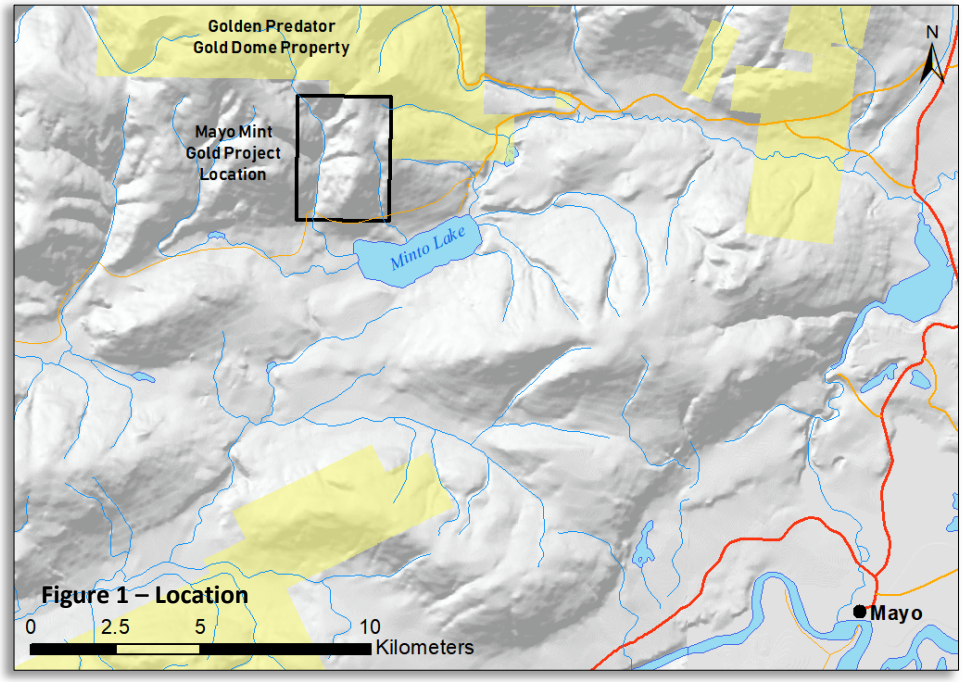
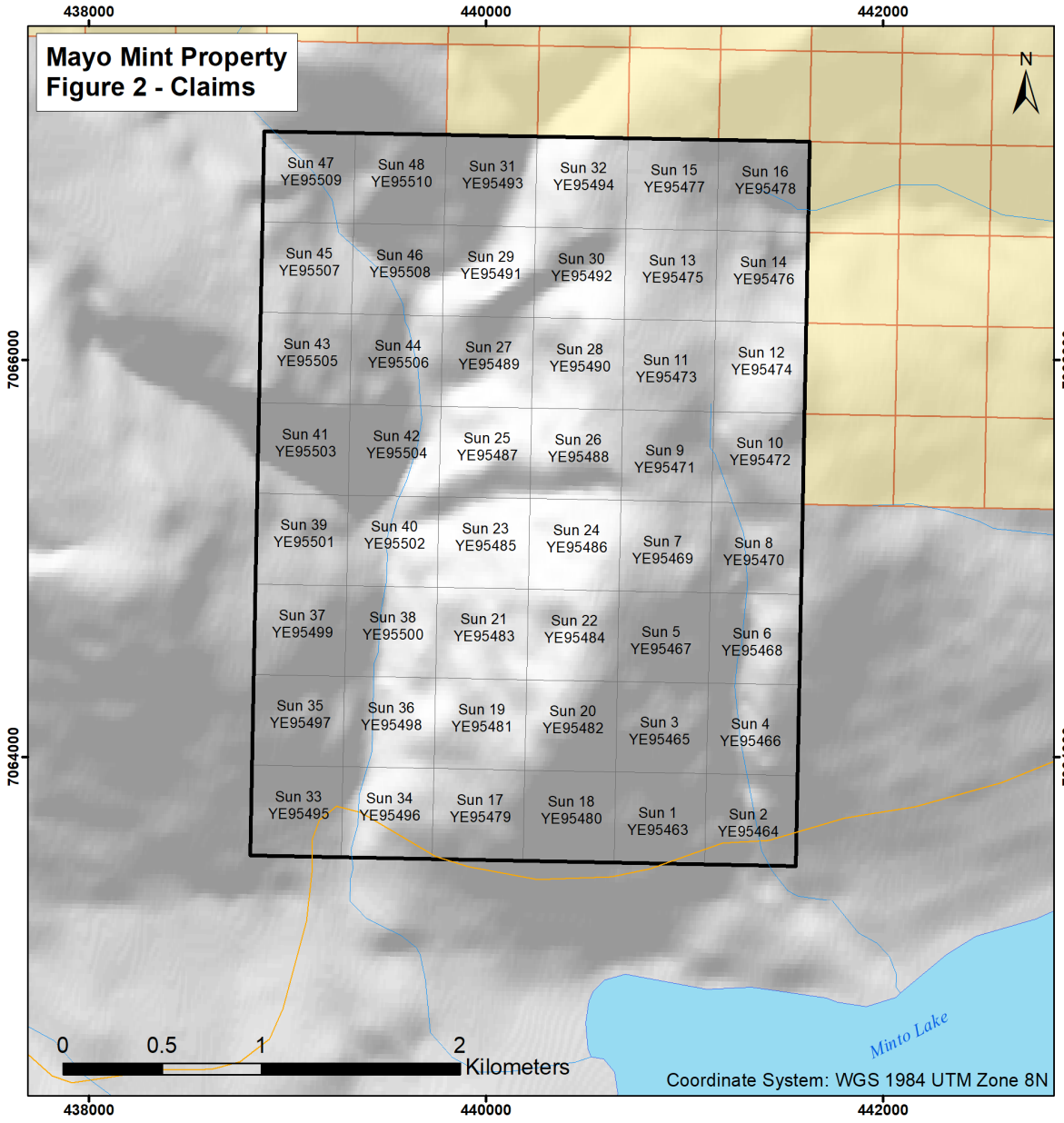


Figure 1 – Location

The Project Area is located in an isolated part of Yukon with relatively few local resources or infrastructure. Several secondary roads exist throughout the region providing access to placer mines and other hard rock exploration camps in the area. Generally, access to the area is by helicopter from the town of Mayo. The best season for exploration is during the summer months from mid-May to mid-October.



Previous Work

Table 2 below lists all known assessment reports that describe work done within the project boundaries (bold face text) and several work programs adjacent to. Six mineral showings documented within or near the Project Area (Figure 3) are listed in Table 3 with brief descriptions from YGS MINFILE database.

Table 2- Previous Assessment Work Files

Company	Year	AFR No.	Author	Work
Archer Cathro	1969	060620	R.J. Cathro	Geochemical soil survey
International Minerals & Chemical Corp	1971	061133	H.D. Pilkington	Soil and rock geochemistry
Cominco	1979	090459	L.J. Nagy	Soil and rock geochemistry, trenching and mapping
Cominco	1979	090483	S.B. Butrenchuk	Geochemical sampling, mapping and diamond drilling
Arctex Engineering	1987	091723	L.B. Goldsmith	Soil Geochemistry
Arctex Engineering	1988	092508	P. Kallock	Soil and rock geochemistry, geological investigation
H-6000 Holdings	**1992**	**093052**	**J. Kajszo**	**Soil Sampling, Prospecting, Mapping**
Kennecott Canada Inc.	1994	093305	R. Hulsein	Geological and geochemical
Kennecott Canada Inc.	1996	093549	R. Hulstein	Airborne Geophysics.
Kennecott Canada Inc.	1997	093791	R. Hulstein	Trenching, Geochem, Drilling
Golden Predator Corp.	2010	095715	J. Cary	Diamond drilling and RC drilling
Goldstrike Resources Ltd.	2011	095931	D. Benz	Soil and Rock Geochem, Mapping

Table 3 - Yukon MINFILE Showings

MINFILE No.	MINFILE Name	Type	Description
115P 059	Turnip	Plutonic Related Au	Soil sampling over the Minto Stock a granite to quartz monzonite stock returned up to 225 ppb Au.
115P 044	Savy	Plutonic Related Au	Anomalous gold and arsenic soil values. (Same showing as Turnip)
115P 048	Potter	Skarn Sn	Tin-bearing skarn found near contact between Yusezyu Foramtion and Minton Creek Stock.
115P 003	Hawthorne	Polymetallic Vein	Metasediment-hosted quartz sulphide (stibnite, arsenopyrite and minor galena) veins up to 1 m wide, cutting Yusezyu Formation near the Scheelite Dome stock.
115P 004	Scheelite Dome	Porphyry W	The original Scheelite Dome occurrence consists of gold, tin and tungsten in skarn formed at the contact between Late Proterozoic, Yusezyu Formation marble and amphibolite and a high level biotite quartz monzonite stock of mid-Cretaceous age (Scheelite Dome Stock, Tombstone Plutonic Suite).
115P 058	Paw	Unknown	Trenching completed west of Scheelite Dome stock.

The only documented work over the Mayo Mint Project area was completed by H-6000 Holdings in 1992. The 1992 program consisted of soil and rock sampling, geological mapping and bulldozer trenching. The majority of this work was completed over the Scheelite Dome Stock, with only regional scale soil grids completed over the Minto Stock. These Minto Stock grids consisted of 13 north-south lines spaced 500 m with 200 m sample intervals. This work identified three anomalous zones with values up to 225 ppb Au.

Scheelite Dome (renamed “Gold Dome”), north of the Project Area, is the most significant gold occurrence in the area. The following pertinent information has been modified from Golden Predator Corp.’s Gold Dome summary found at: http://www.goldenpredator.com/Gold-Dome.html

Exploration at Gold Dome dates back to the discovery of placer gold in 1903 on Highet Creek. Following the discovery of the Fort Knox deposit near Fairbanks, Alaska in the late 1980s, the property was explored for a similar intrusion-hosted gold deposit. Between 1994 and 1997, Kennecott Canada Exploration Inc. conducted a series of field programs that included geological mapping, prospecting, stream sediment and soil geochemical sampling, trenching, airborne geophysics, and core and RC drilling (8 diamond holes totaling 1,035m and 13 RC holes totaling 1,052m). In 1998, La Teko Resources Ltd. completed an Induced Polarisation (“IP”) survey, further soil sampling, and a core drilling program (7 holes totaling 1,268m). In 1999, Copper Ridge Explorations Inc. (“Copper Ridge Explorations”) completed geological studies, a ground magnetic survey and core drilling (13 holes totaling 1,358m). In 2003, the property was optioned to Golden Patriot Mining Inc., who carried out an IP survey and a 310m, five-hole drilling program focused on the Tom Zone. Golden Patriot subsequently terminated its option. Highlights of drilling conducted during the period 1998 to 2003 include 6.4m at 7.09gpt Au including 1.7m at 24.4gpt Au (SH03-30); 7.7m at 3.67gpt Au (SH98-12); 4.5m at 3.66gpt Au (SH99-23); and 5.9m at 2.41gpt Au (SH99-24).

During the 2006 field season, Copper Ridge Explorations Inc. carried out a program of line cutting, soil sampling and geophysical surveying over the newly defined Toby Zone. The work defined a 2x1 km area of anomalous coincident bismuth, arsenic, gold and antimony soil geochemistry, located two km south of the Tom Zone. The geophysical program included IP, magnetic and VLF-EM ground surveys over 21km of grid. This work was followed by road building and 1,430m of mechanical trenching. The trenching program focused on the southeast part of the Toby Zone where the soil anomaly is coincident with a moderate IP chargeability anomaly. The trenching exposed large areas of intense alteration in the metasediments surrounding discrete one to three metre wide zones of quartz-arsenopyrite-bismuthite veining. A total of 622 grab and chip-channel samples were collected from the trenches. Highlights included 4.2gpt Au over 2.0m from trench 06-2 and 8.1gpt Au over 1.0m in continuous chip samples from trench 06-3.

In 2007, Riverside Resources Ltd. optioned the property and completed a five-hole, 600m diamond drill program targeting bulk tonnage gold potential along the Aorta structure. Results of this program included several ten-metre intervals of >1.0gpt Au, including 10.18m of 2.03gpt Au and 0.25m of 22.70gpt Au (SD07-34) and 10.10m of 2.21gpt Au (SD097-37). Historic drill holes into the Aorta structural corridor returned similarly long intervals of gold mineralization including 54.9m of 0.45gpt Au (RC97-11); 43.4m of 0.56gpt Au (SH98-10); 20.3m of 1.03gpt Au (SH99-23); 8.9m of 1.81gpt Au (SH99-24); and 15.8m of 1.88gpt Au (SH98-12). The combined results demonstrate continuity of low-grade, near-surface gold mineralization along the Aorta structural corridor.

Geology

The following geological description is derived from regional compilation maps by Gordey and Makepeace (2000) and descriptions by Héon (2007) and Hart (2002). Murphy (1997) provides a detailed discussion on the geology of the McQueston River and Roots (1997) describes the adjacent Mayo area in detail. egionally, the project area lies northwest of the Tintina Fault within the western part of the Upper Proterozoic to Mississippian Selwyn Basin (Figure 2). The Selwyn Basin is disrupted by folding and faulting and is divided into three tectonic sheets by the Dawson, Tombstone, and Robert Service thrusts. These tectonic sheets were subsequently intruded by the northwest trending Mid-Cretaceous Tombstone Suite and the Late Cretaceous McQueston Suite. Together these intrusive suites are commonly referred to as the Tombstone Belt.

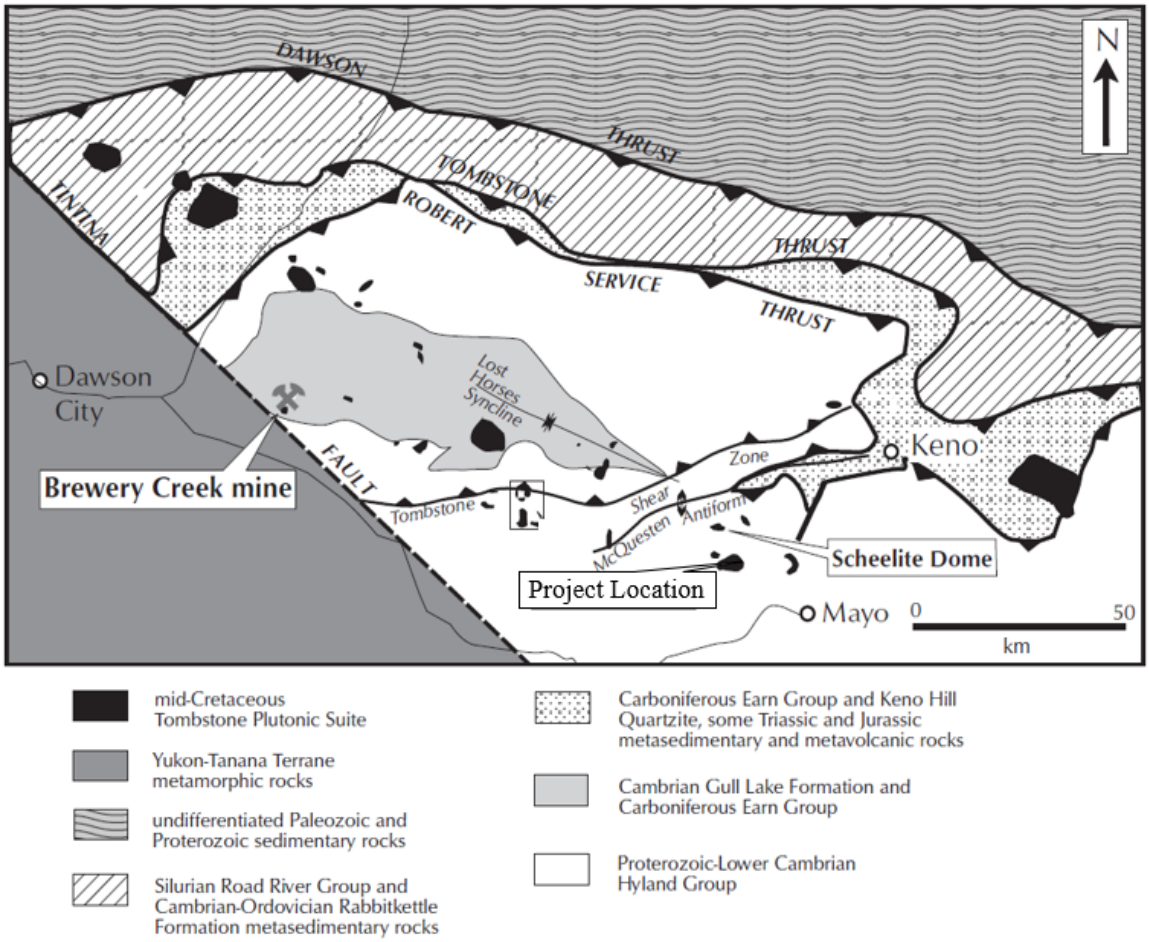


Figure 3 - Regional Geology, Western Selwyn Basin (Modified from Stephens, 2000)

Locally, the Project Area (Figure 3) is underlain by Upper Proterozoic to Lower Cambrian highly-deformed metasedimentary strata of the Hyland Group (PCH) and Mid-Cretaceous stocks and dikes of the Mayo Plutonic Suite (mKS). The Hyland Group is comprised primarily of phyllite and quartzite, which are weakly metamorphosed to lower greenschist facies. Murphy and Héon (1995) further divide the Hyland Group into the Narchilla and Yusezyu formations. The Project Area is underlain by Yusezyu Formation rocks, which are highly deformed by the Tombstone Strain Zone.

The Mint Project is underlain by the Minto Creek stock a mid- to late-Cretaceous K-feldspar porphyritic granite intrusion, roughly 6km x 5 km. The plutonic bodies in the area are surrounded by contact metamorphic aureoles (hornfels assemblages) which can extend up to 500 m from exposed margins of stocks.

The Tombstone Strain Zone is several kilometres thick and extends from the upper part of the Tombstone Thrust sheet up into the lower part of the Robert Service Thrust sheet. Rocks within the zone display textures including lineations, boudinage and isoclinal folding that indicate higher metamorphic grade than rocks outside the zone. In the Yusezyu Formation this is demonstrated by strongly foliated and lineated muscovite-chlorite phyllites and in the Keno Hill Quartzite, by coarsely foliated and lineated quartzite.

The surficial geology of the Minto Lake area (NTS 115P/9) was mapped by Hughes (1983). The work indicates the area has a surface expression categorized by a 0.1 to 1 metre thick veneer made up of undifferentiated aged colluvium. Texture of the surficial material include: mixed fragments of (>2mm rounded and angular), sand and mud.

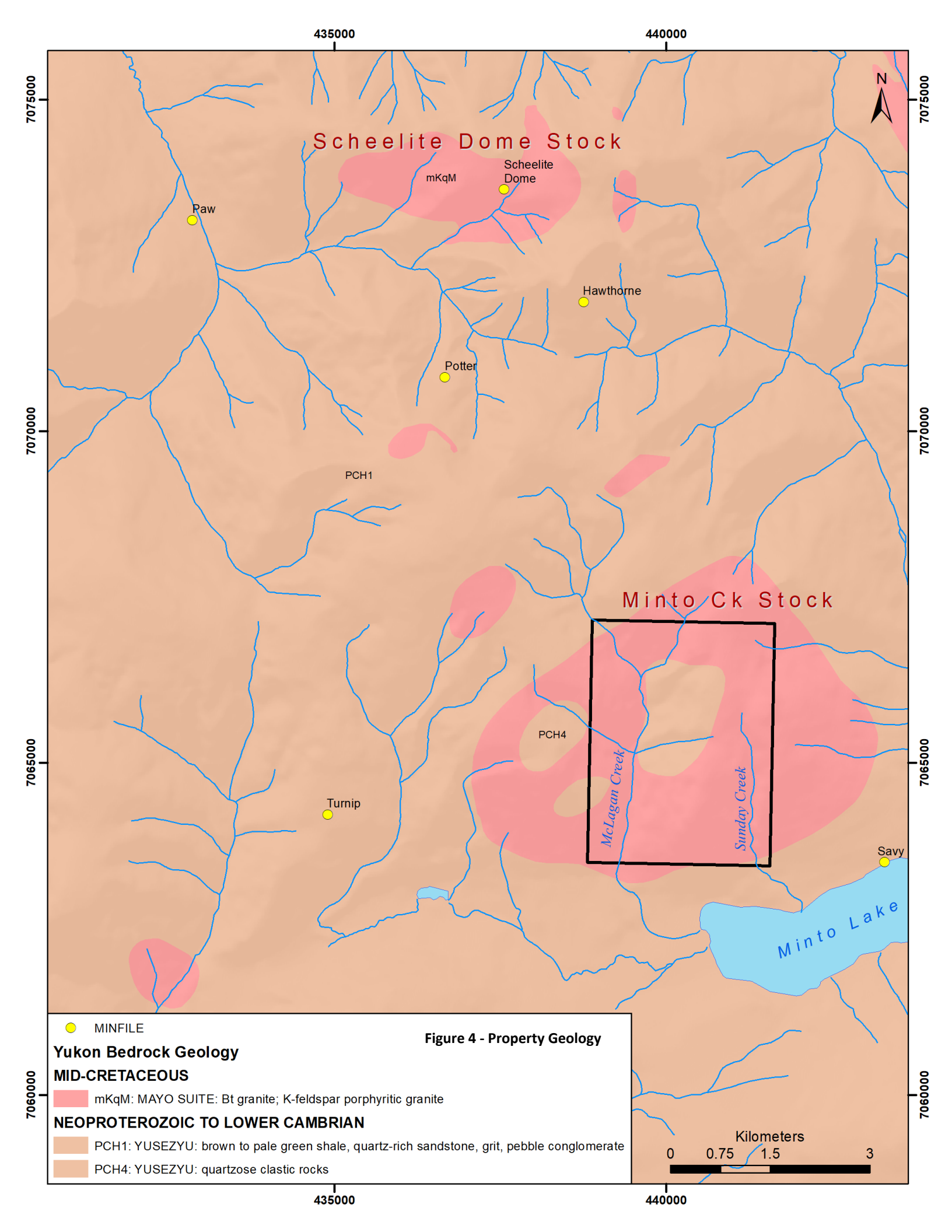


Figure 4 - Property Geology

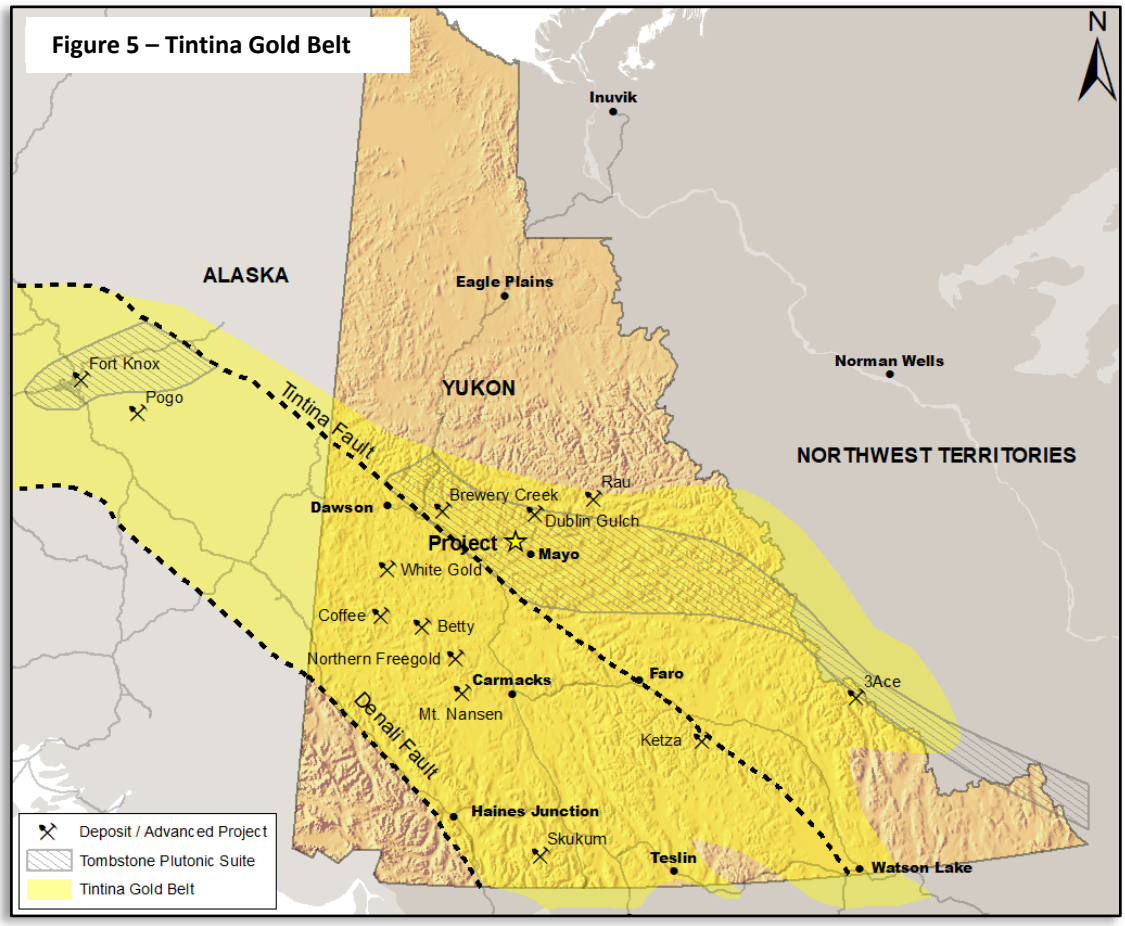
Deposit Model

The Project area lies in an underexplored part of the loosely defined Tintina Gold Belt (Figure 4) and is more specifically part of the Tombstone Gold Belt ("TGB"). The TGB is the prominent host to Intrusion Related Gold Systems (IRGS) in Yukon and Alaska. Notable deposits from the belt include low grade, high tonnage deposits such as: Fort Knox in Alaska with 117.09 million tonnes at a gold grade of 0.86 g/t (4.1 million ounces; Fairbanks Gold Mining Inc.) and Eagle Gold in Yukon with 116 million tonnes at a diluted grade of 0.66 g/t Au (Dublin Gulch; Victoria Gold, 2018).

Hart (2005) describes the most common characteristics for IRGS deposits which include: 1) metaluminous to peraluminous, sub-alkalic to alkalic, volatile-rich plutons which are intermediate to felsic, 2) tectonic setting, in deformed shelf sequences well inboard of convergent plate boundaries, 3) gold associations variably with elevated W, Bi, As, Mo, Te and Sn, 4) zoning of sulphide concentrations, low sulphide within igneous bodies increased through skarn to rich base metal veins distally, 5) gold mineralization emplaced post-deformation, 6) low gold grades in sheeted quartz veins within pluton and 7) typically in areas formally known for tungsten or tin deposits.

Gold mineralization in IRGS is hosted by millimeter to metre wide sheeted quartz veins and stockworks in equigranular to porphyritic granitic intrusions and adjacent country rock (hornfels). Native gold is associated with pyrite, arsenopyrite, pyrrhotite, scheelite and bismuth as well as telluride minerals. Several deposits have late and/or peripheral arsenopyrite, stibnite or galena veins. Intrusion related deposits and occurrences within the Tombstone Gold belt are associated with mid- to late-Cretaceous intrusions hosted by the intrusions and/or the older basement rocks. There is typically a strong correlation between gold and bismuth with low and reduced sulfide mineralogy (Hart, 2007).

Figure 5 – Tintina Gold Belt



Exploration

The 2019 exploration program was completed from May 21 to May 30 by a six to ten-man crew with truck set-outs from Mayo approximately 25 km from the block. The analytical work was done from June 26 to September 11, 2019 by Bureau Veritas Commodities Canada Ltd. ("BV"). Planning was done by Professional Geologists Marty Huber and Tyrell Sutherland (the "Authors"). The Authors managed the day-to-day logistics and compiled the field and analytical data into digital maps and tables. A complete YMEP Final Submission Form is included herein as Appendix A. A detailed "Statement of Work" is included herein as Appendix B.

Geochemical Sampling Methods and Analysis

The work consisted of prospecting, stream sediment sampling and grid soil geochemical sampling over and adjacent to the Minto Stock. All sample locations were tagged in the field and recorded with rugged Android smartphones running Qfield data collector paired with Holux GPS receivers in map datum UTM WGS84 Zone 8N. Sample locations (Figure 6) and descriptions are included as Appendix C.

A total of 573 soil samples were collected including field duplicates with hand augers at 50 to 100 m sample intervals on north-south lines spaced 100 to 200 m (Figure 6). Sample material primarily consisted of B-horizon silt and clay taken from 20 to 60 cm. Sample depth was typically limited to B-horizon due to permafrost from early season sampling. Soil samples were placed in Kraft-type paper bags with sample numbers marked with indelible ink. Batches of samples were subsequently dried, sealed in rice bags and shipped to Bureau Veritas in Whitehorse for prep and then to Vancouver, B.C. for analysis. Samples were dried and sieved to -80 mesh size and analyzed for 36 elements (including gold) by 15 gram (g) Aqua Regia digestion, ICP-MS finish (Appendix D). BV is accredited under ISO 9001.

A total of 12 rock samples were chipped from outcrop or collected from float. Sample material consisted primarily of silicified sediments, phyllites with cross cutting quartz veins or veinlets. Sample locations (Figure 6) and descriptions are included as Appendix C. Rock samples were placed in heavy-duty plastic bags with the appropriate sample numbers marked in indelible ink. Samples were then sealed in rice bags and shipped to BV Whitehorse for prep and then to Vancouver for analysis. Samples were crushed, and 250 g split and pulverized to -200 mesh, and analyzed for 36 elements (including gold) by 15 gram (g) Aqua Regia digestion, ICP-MS finish. (Appendix D). BV is accredited under ISO 9001.

A total of 10 stream sediment samples were collected over Sunday and McLagan Creek as well as small unnamed tributaries to McLagan Creek. Samples were collected at large intervals (300 – 1000m) or at creek confluences taken from natural heavy metal traps. Samples were sieved down in field to approximately 2 – 4 mm and then bagged in cloth bags with the sample number affixed. Sample locations (Figure 6) and descriptions are included as Appendix C. Batches of samples were subsequently dried, sealed in rice bags and shipped to Bureau Veritas Whitehorse for prep and then to Vancouver, B.C. for analysis. Samples were dried and sieved to -80 mesh size and analyzed for 36 elements (including gold) by 15 gram (g) Aqua Regia digestion, ICP-MS finish (Appendix D). BV is accredited under ISO 9001.

It is the Authors' opinion that the sampling procedures, security measures, sample preparations and analytical methods applied to the soil, rock and core samples were diligently followed and are adequate to meet industry standards commonly accepted or this level of exploration. The authors have relied upon the adequacy and accuracy of the analytical results provided by BV. Independent verification of those results has not been undertaken. The Junior Author reconciled the field data with the analytical results and found no irregularities.

Mayo Mint Property
Figure 6 - Sample Locations

Legend

- StreamSed2019Mint
- Rock Locations
- Soil location
- Property
- Claims

N

440000 441000

7067000 7066000 7065000 7064000

1901010 1901009 1901011 1901012 1901008 1901007 1901013

1888881 1888880 1888891 1888889 1888887 1888888 1888883 1888884 1888882 1888885 1888879 1888878 1888895 1888894 1888893

McLagan Creek

Sunday Creek

0 250 500 1,000 Meters

Coordinate System: WGS 1984 UTM Zone 8N

Results and Conclusion

Soil results ranged from below detection (<0.5 ppb Au) up to 821.5 ppb Au. These are in fact intriguing results based on the majority of the samples being restricted to B-horizon sampling. Work was completed in early May due to availability of samplers, unfortunately much of the ground was still frozen at this time so sample depth was limited to B-horizon. Anomalous results from the sampling appear to be related to a contact between the Minto Stock and adjacent phyllites (likely hornfels) which broadly hug the contact (Figure 7). Several strong spot anomalies were also identified with up to 821.5 and 55.2 ppb Au on the edges of the soil grid, one sample taken from the wider spaced soil grid in the south returned 62.9 ppb Au; all samples require follow up work. A roughly 700 m long spotty northwest-southeast linear trend with values up to 27.9 ppb Au was identified over the northeast grid which remains open on both ends. Overall the results are fairly encouraging based on the frozen conditions of the ground during sampling, several anomalous zones were identified for further work.

Arsenic values ranged from below detection up to 530 ppm. Arsenic anomalies show little to no correlation with gold however, do outline several more coherent trends including two discontinuous, roughly 1 and 2 km long, northeast-southwest trending parallel linear anomalies through both phyllites and intrusives (Figure 8).

No significant results were obtained from the prospecting and rock sampling.

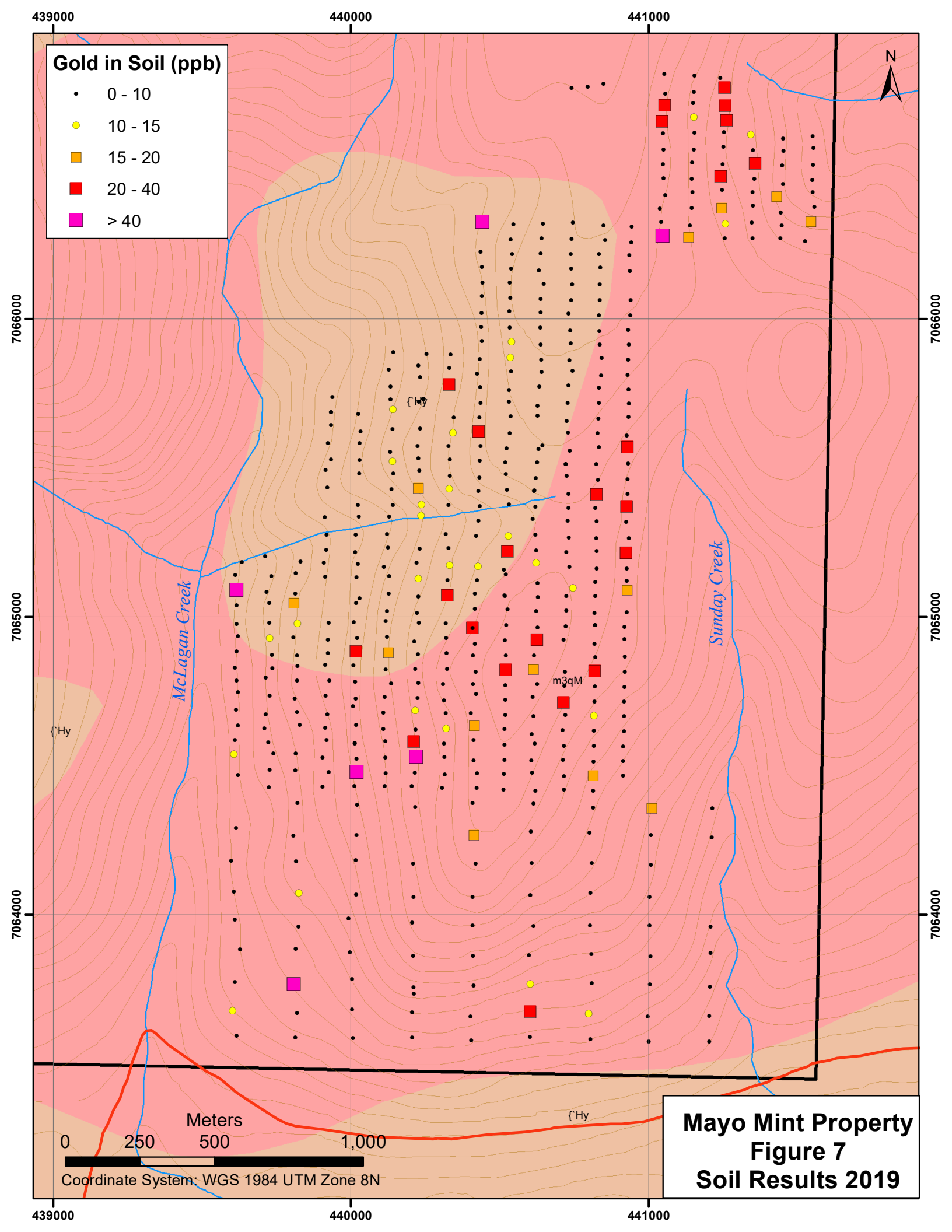
No significant assay results were returned from the stream sediment sampling however several flakes of gold were noted in pan concentrates from McLagan Creek.

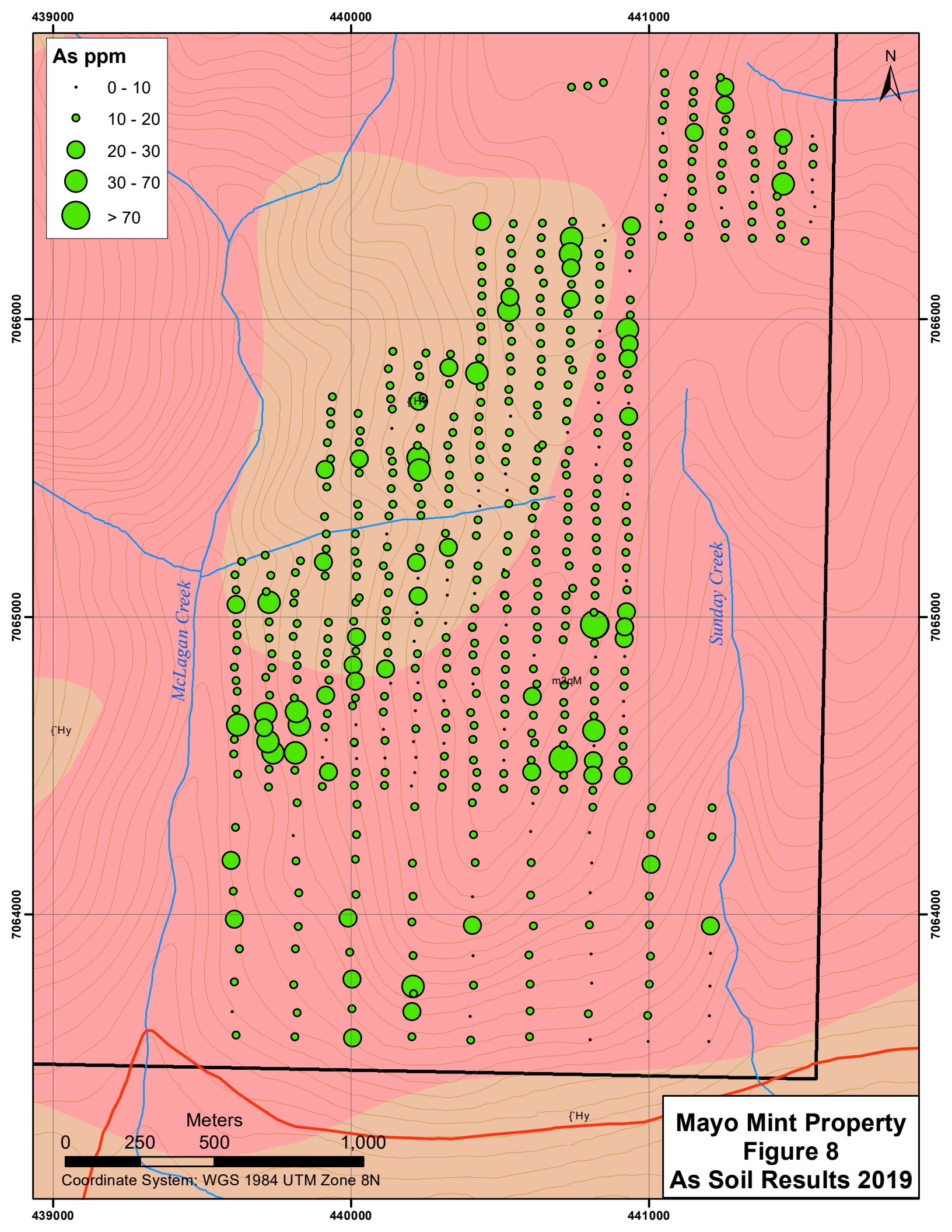
Recommendations

Further work is recommended over the Mayo Mint property, this work should include: a VLF geophysical survey, soil sampling and prospecting. Spot anomalies and open-ended soil anomalies should be re-sampled and closed off, small grids should also be completed over anomalous soil zones with C-horizon sampling later in the year to determine the variability in results from B- to C-horizon. A small VLF geophysical survey, roughly 50-line-km (2 x 2.5km grid) is recommended over the anomalous zone to help identify contacts between the intrusives and sediments which appear to have some control on mineralization. This is a reasonably quick, cost effective, and reliable way to map in potential contacts. These contacts correlated with anomalous soil results should then be prospected. The estimated cost of the recommended program is $25,050.00 detailed in the Table 4 below.

Table 4 - Estimated Costs

Activity	Contractor		Rate		Cost
Daily Living Expense	Big River	25	days @	$ 100.00	$ 2,500.00
Truck	Big River	10	days @	$ 200.00	$ 2,000.00
Assay Soil	Bureau Veritas	150	Samples @	$ 23.00	$ 3,450.00
Assay Rock	Bureau Veritas	50	Samples @	$ 30.00	$ 1,500.00
Geologist	Big River	5	man-days @	$ 400.00	$ 2,000.00
Technician	Big River	20	man-days @	$ 350.00	$ 7,000.00
VLF Survey	Big River	50	km @	$ 100.00	$ 5,000.00
Report	Big River	4	days @	$ 400.00	$ 1,600.00
				Total	**$ 25,050.00**


Gold in Soil (ppb)
0 - 10
10 - 15
15 - 20
20 - 40
> 40
N
439000
440000
441000
7066000
7065000
7064000
McLagan Creek
Sunday Creek
{`Hy
m3qM
Meters
0
250
500
1,000
Coordinate System: WGS 1984 UTM Zone 8N
Mayo Mint Property
Figure 7
Soil Results 2019


As ppm
0 - 10
10 - 20
20 - 30
30 - 70
> 70
N
439000
440000
441000
7066000
7065000
7064000
McLagan Creek
Sunday Creek
{Hy
mAgM
Meters
0
250
500
1,000
Coordinate System: WGS 1984 UTM Zone 8N
Mayo Mint Property
Figure 8
As Soil Results 2019

References

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Statement of Qualifications

Marty Huber M.Sc., P.Geo.

I, Marty Huber, having my place of residence at 16 Flax Mill Drive in Conestogo in the Province of Ontario do hereby certify that:

1. I obtained a Bachelor of Science Degree in Geology from Acadia University (2011) and a Master of Science Degree in Mineral Exploration from Laurentian University (2018), I have been engaged as a Geologist continuously since May 2011, I am a Member in good standing of the Association of Professional Geoscientists of Nova Scotia (APGNS #232), and I am a "qualified person" as defined in Section 1.2 in and for the purposes of National Instrument 43-101;

2. I have visited the Mayo Mint Project area as recently as May 2019;

3. I co-wrote this technical report entitled "Memorandum on 2019 Surface Work on the Mayo Mint Property In the Mayo Mining District, Yukon NTS Sheet 115P09 (Minto Lake) 436,000mE 7,065,200mN UTM Z8" based on my professional experience, a review of relevant reports and maps made available to me from government and corporate sources and my participation in the work programs described in the report;

4. I am not aware of any material fact or material change with respect to the subject matter of the report that is not disclosed in the report which, by its omission, makes the report misleading;

5. I have read, and this report has not been prepared for the purposes, nor in full compliance with, National Instrument 43-101 and according to Form 43-101F1.

Respectfully submitted this 10th day of January 2020,

(s) "Marty Huber"

_____

Marty Huber, P.Geo.

Tyrell Sutherland M.Sc., P.Geo.
Sans Peur Exploration Services Inc.,
3990 Old Almonte Road
Almonte, Ontario. K0A 1A0
Tel: (613) 884-8332; E-mail: tyrell.sutherland@outlook.com

I, T.B. Sutherland, M.Sc., do hereby certify that

- I am President and CEO of Sans Peur Exploration Services Inc
- I am the sole owner of Sans Peur Exploration Services Inc.
- I graduated with a B.Sc. Honors Specialization Geology, from the University of Ottawa in 2009. In addition, I have obtained an M.Sc in Geology from Queens University in 2016.
- I am a member in good standing of the Association of Professional Geoscientists of Ontario.
- I have worked as a geologist for approximately 10 years, specifically in mineral exploration, in Canada, Australia, Jamaica and China.
- I fulfill the requirements of a "qualified person" for the purposes of N.I. 43-101.
- To the best of my knowledge all data used in the preparation of this report titled is correct and of good quality.
- Certain statements concerning the interpretations and discussion of the data maybe considered forward looking statements in that although conceived from the data as recorded to the best of my knowledge may prove in need of variation or changed to reflect changes or updates to the data.

Dated the 26th day of January 2020

_____

Tyrell Brodie Sutherland

Appendix A – YMIP Submission Form

YMEP FINAL SUBMISSION FORM

		Date submitted:	
submit by January 31st to: *(winter placer projects may submit at pre-approved date)*	YMEP- EMR/ YTG Street address: 102-300 Main Street Mailing address: Box 2703, K-102 Whitehorse, Yt, Y1A 2C6	YMEP@gov.yk .ca phone: 867-456-3828 fax: 867-667-3198	
CONTACT INFO Sans Peur Exploration		***PROJECT INFO***	
Name:	Tyrell Sutherland	YMEP no:	19-014
Address:	3990 Old Almonte Rd. Almonte ON	Project name:	Mayo Mint (Macallan South)
	K0A 1AO	Project type:	Quartz
email	tyrell.sutherland@outlook.com	Project module:	Target Evaluation
Phone:	6138848332		

Is the final report enclosed? ☑ yes ☐ no

☐ hard copy ☐ pdf copy ☐ digital spreadsheet of station location data

Comment:

PROJECT SUMMARY

Total project expenditures: $81,762.55

Number of new claims since March 31st: 48

Has an option resulted since March 31? ☐ yes ☑ no ☐ in negotiation

Number of calendar field days: 79

Number of person-days of employment: 79 paid _____ days of unpaid work

Total no. of samples: 12 rocks 10 silts 573 soils _____ other

Total length/volume of trenching/ shafting:

Total number of line-km of geophysics

Total meters drilled _____ diamond drill _____ RC drill _____ auger/percussion drill

Other products (provide details):

This is not an expense claim form. To request reimbursement of expenses, please submit a separate detailed expense claim form.

FINANCIAL SUMMARY

Total daily field allowance	$7,900	Total contractor costs	$79,762.55
Total field air transportation costs (helicopter/plane)		Total excavating/ heavy equipment costs	
Total truck/ mileage costs	$4,445	Total assay/analyses costs	$14,431.54
Total wages paid	$37,650	Total reclamation costs	
Total light equipment rental costs	$5,250	Total report writing cost	$2000
Other (please specify)		Total staking costs	$12,512.50
Other (please specify)			

(see reverse)

YMEP FINAL SUBMISSION FORM

Your feedback on any aspect of the program:

The Department of Energy, Mines and Resources may verify all statements related to and made on this form, in any previously submitted reports, interim claims and in the Summary or Technical Report which accompanies it.

I certify that;

1. I am the person, or the representative of the company or partnership, named in the Application for Funding and in the Contribution Agreement under the Yukon Mining Incentives Program.

2. I am a person who is nineteen years of age or older, and I have complied with all the requirements of the said program.

3. I hereby apply for the final payment of a contribution under the Yukon Mineral Exploration Program (YMEP) and declare the information contained within the Summary or Technical Report and this form to be true and accurate.

Date Jan 26 2020

Signature of Applicant

Name (print) Tyrell Sutherland

(see reverse)

Appendix B – Statement of Work

Yukon
Energy, Mines and Resources

QUARTZ MINING ACT FORM 4 SECTION 56

APPLICATION FOR A CERTIFICATE OF WORK

Office Date Stamp

I, Tyrell Sutherland (Sans Peur Exploration Services) ,

of 3990 Old Almonte Raod Almonte Ontario K0A 1A0

Phone 613-884-8332

Client I.D. Number: _____

make oath and say that:

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.

2. I have done, or caused to be done, work, on the following mineral claim(s): (Here list claims on which work was actually done by number and name)

   See attached schedule of claims

   situated at Area north of Minto Lake Claim sheet No. 115P09 (Minto Lake)

   in the Mayo Mining District, to the value of at least 68624.41 dollars,

   since the 24th day of May 2019 ,

   to represent the following mineral claims under the authority of Grouping Certificate No. pending .
   (Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 56).

   Soil sampling 573 samples May 25 - June 2nd

   Rock Sampling 12 samples May 26 and June 2nd

   Stream sediment sampling May 27 -29

Sworn before me at _____ this _____ day of _____ 20 ____ .

Notary Public

Owner or Authorized Agent

Access to Information and Protection of Privacy Act

The personal information requested on this form is collected under the authority of and used for the purpose of administering the Quartz Mining Act. Questions about the collection and use of this information can be directed to the Mining Recorders Office, Mineral Resources, Department of Energy, Mines and Resources, Yukon Government, Box 2703, Whitehorse, Yukon Territory, Y1A 2C6 (867) 667-3190

YG(5049Q)F2 Rev. 04/2012

Appendix C – Sample Locations and Descriptions

Appendix C -Rock sample Locations and Descriptions

Sample #	Description	Date	xUTM	yUTM
1888893	Taken from ~20cm wide stratigraphic section w qtz boudinage. Elongated to 320degrees. Some enechelon placement of boudinage	2019-05-30	439808	7063431
1888894	Light grey coarse grained quartz pebbles fairly well foliated. Occasional black cherty inclusions. Thin mica layers between foliation.	2019-05-30	439811	7063485
1888895	Grey to Black medium grained moderately foliated with black quartz eyes. Minor quartz veins less than 3cm wide with vuggy intervals and anchorite. Outcrop beneath healthy juniper bush.	2019-05-30	439883	7063548
1888881	Quartzite or silicified phyllite with qtz veining	2019-05-26	440744	7065313
1888882	Quartzite w qtz vein	2019-05-26	441252	7063623
1888883	Quartzite w qtz vein	2019-05-26	441176	7063679
1888884	Quartzite w qtz vein	2019-05-26	441177	7063680
1888887	qtz with large vessicles very rusty with some euhedral crystals. Some sulfides	2019-05-26	441304	7063746
1888888	Smokey grey quartz and quartzite	2019-05-26	441305	7063738
1888878	Float, vuggy quartz vein in phyllite	2019-05-26	441272	7063516
1888879	Float, phyllite with quartz veining	2019-05-26	441178	7063639
1888880	Float, blue-grey quartzite with <1cm quartz veins with anchorite. Location may be off by up to 20m.	2019-05-26	440767	7065294

Appendix C - Stream Sediment sample locations and descriptions

Sample:	x UTM	y UTM	Current:	Width:	Depth:	Comments
1888885	441337	7063596	Low (slow) energy (seasonally high)	12" (hole)	12" (hole)	Sample from 12/12 hole, coarse sediments.
1888889	441293	7064687	Low (slow) energy (seasonally high)	12" (hole)	24" (hole)	Ground still mostly frozen (ice in creek), sample from hole.
1888891	441311	7064989	Low (slow) energy (seasonally high)	24" (hole)	6" (hole)	Sediment was fine silt to coarse sand. Sample from an opening in ground.
1901007	439448	7065161	Low (slow) energy	50cm	8cm	At a fork in the river, sample from lower energy side (left side facing upstream).
1901008	439467	7065181	High energy (fast)	1-2m	50cm	At a fork in the river, sample from higher energy side (right side facing upstream). Sample from hole dug on island in middle of stream.
1901009	439598	7066314	Medium energy	0.5-1m	10cm	At a fork in the river, from the right side facing upstream. From an almost immobile pool within the river.
1901010	439581	7066314	High energy (fast)	1m	25cm	At a fork in the river, from the left side facing upstream.
1901011	439925	7065952	Low (slow) energy (seasonal)	20-30cm	5cm	Little muddy river found while walking but not shown on Qfield.
1901012	439920	7065635	Seasonal Drainage, no flow			Puddle from seasonal runoff
1901013	439337	7063677	High energy (fast)	2.5m	20-50cm	Very panned down.

Appendix C - Soil locations and Descriptions

SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1888001	30	Brown	B	Silt	ForestMixed	Good	2019-05-29	441355	7066472			Jmehltretter
1888002	30	DarkBrown	B	Silt	ForestMixed	Good	2019-05-29	441348	7066427			Jmehltretter
1888003	30	DarkBrown	B	Silt	Bare	Poor	2019-05-29	441350	7066381			Jmehltretter
1888004	30	Brown	B/C	Silt	ForestMixed	Good	2019-05-29	441346	7066325			Jmehltretter
1888005	30	Brown	B/C	Silt	ForestMixed	Good	2019-05-29	441348	7066271			Jmehltretter
1888006	50	LightBrown	B/C	Sand	ForestMixed	Good	2019-05-29	441452	7066607			Jmehltretter
1888007	40	LightBrown	B/C	Silt	ForestMixed	Good	2019-06-07	441452	7066566			Jmehltretter
1888008	40	Brown	B/C	Silt	ForestMixed	Good	2019-05-29	441448	7066517			Jmehltretter
1888009	30	Brown	B/C	Silt	ForestMixed	Good	2019-05-29	441451	7066453			Jmehltretter
1888010	30	Green	B	Silt	ForestMixed	Good	2019-05-29	441431	7066410			Jmehltretter
1888011	20	Grey	B	Clay	ForestBlackSpruce	Poor	2019-05-29	441549	7066468			Jmehltretter
1888027	50	Brown	B	Silt	ForestMixed	Good	2019-05-28	439615	7063595			Jmehltretter
1888051	880	Tan	C	Sand	BrushThin	Excellent	2019-05-29	441251	7066580			MWilliams
1888052	60	Tan	C	Sand	BrushThick	Good	2019-05-29	441247	7066522			MWilliams
1888053	30	Tan	B/C	Sand	BrushThick	Good	2019-05-29	441242	7066480			MWilliams
1888054	30	Tan	B/C	Silt	BrushThin	Good	2019-05-29	441246	7066433			MWilliams
1888055	20	Brown	B	Silt	BrushThick	Poor	2019-05-29	441244	7066374			MWilliams
1888056	20	Brown	B/C	Silt	BrushThick	Poor	2019-05-29	441257	7066320			MWilliams
1888057	20	DarkBrown	B	Silt	BrushThick	Poor	2019-05-29	441256	7066273			MWilliams
1888058	40	Brown	B/C	Silt	ForestMixed	Good	2019-05-29	441443	7066271			MWilliams
1888059	30	DarkBrown	B/C	Sand	BrushThin	Good	2019-05-29	441446	7066315			MWilliams
1888060	40	DarkBrown	B/C	Silt	BrushThin	Poor	2019-05-29	441443	7066358			MWilliams
1888061	50	DarkBrown	B	Silt	ForestMixed	Poor	2019-05-29	441550	7066426			MWilliams
1888062	40	LightBrown	C	Sand	ForestMixed	Good	2019-05-30	439813	7063588			MWilliams
1888063	60	Tan	C	Sand	ForestMixed	Good	2019-05-30	439819	7063670			MWilliams
1888064	70	Tan	C	Sand	ForestMixed	Good	2019-05-30	439809	7063764			MWilliams
1888065	50	Tan	C	Sand	BrushThin	Good	2019-05-30	439814	7063885			MWilliams
1888066	45	Tan	B/C	Sand	BrushThin	Good	2019-05-30	439823	7063960			MWilliams
1888067	50	Brown	B/C	Sand	BrushThin	Good	2019-05-30	439825	7064072			MWilliams
1888068	40	Brown	B/C	Sand	BrushThin	Good	2019-05-30	439816	7064179			MWilliams
1888069	40	Brown	B/C	Sand	ForestMixed	Good	2019-05-30	439807	7064266			MWilliams
1888070	60	LightBrown	C	Sand	ForestMixed	Good	2019-05-30	439820	7064375			MWilliams
1888071	60	Tan	C	Sand	ForestMixed	Good	2019-05-30	440020	7064370			MWilliams

Appendix C - Soil locations and Descriptions

SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1888072	40	LightBrown	B/C	Silt	ForestMixed	Good	2019-05-30	440019	7064269			MWilliams
1888073	60	Tan	C	Sand	ForestMixed	Good	2019-05-30	440016	7064185			MWilliams
1888074	70	Tan	C	Sand	ForestMixed	Good	2019-05-30	440017	7064067			MWilliams
1888075	80	Brown	B/C	Sand	BrushThin	Good	2019-05-30	439991	7063987			MWilliams
1888076	100	Tan	C	Sand	ForestMixed	Good	2019-05-30	439996	7063874			MWilliams
1888077	80	Tan	C	Sand	ForestMixed	Good	2019-05-30	440004	7063784			MWilliams
1888078	70	Tan	B/C	Silt	ForestMixed	Good	2019-05-30	440003	7063683			MWilliams
1888079	70	Grey	C	Sand	ForestMixed	Good	2019-05-30	440006	7063586			MWilliams
1888101	55	Brown	C	Silt	BrushThick	Excellent	2019-05-29	441154	7066819			DChodur
1888102	30	LightBrown	C	Sand	BrushThick	Excellent	2019-05-29	441152	7066762			DChodur
1888103	55	LightBrown	C	Sand	BrushThick	Excellent	2019-05-29	441149	7066725			DChodur
1888104	60	LightBrown	C	Sand	BrushThick	Excellent	2019-05-29	441151	7066677			DChodur
1888105	30	RustyOrange	B/C	Sand	BrushThick	Good	2019-05-29	441153	7066626			DChodur
1888106	35	Brown	C	Sand	BrushThick	Excellent	2019-05-29	441151	7066571			DChodur
1888107	30	Orange	C	Sand	BrushThick	Excellent	2019-05-29	441146	7066527			DChodur
1888108	35	Brown	B/C	Sand	BrushThick	Good	2019-05-29	441144	7066471			DChodur
1888109	65	LightBrown	C	Sand	BrushThick	Excellent	2019-05-29	441148	7066427			DChodur
1888110	30	Brown	B/C	Sand	BrushThick	Poor	2019-05-29	441145	7066374			DChodur
1888111	25	Grey	B	Silt	BrushThick	Poor	2019-05-29	441139	7066315			DChodur
1888112	30	Brown	B/C	Sand	BrushThick	Good	2019-05-29	441134	7066274			DChodur
1888113	20	DarkBrown	B	Sand	ForestBlackSpruce	Poor	2019-05-29	441525	7066262			DChodur
1888114	20	DarkBrown	B	Sand	ForestBlackSpruce	Poor	2019-05-29	441545	7066326			DChodur
1888115	25	Brown	B	Sand	ForestBlackSpruce	Poor	2019-05-29	441556	7066378			DChodur
1888151	30	Brown	B	Clay	BrushThick	Good	2019-05-29	441053	7066717			LBlackie
1888152	20	LightBrown	B	Clay	BrushThick	Good	2019-05-29	441056	7066759			LBlackie
1888153	30	Brown	B	Clay	BrushThick	Excellent	2019-05-29	441053	7066824			LBlackie
1888154	30	Brown	B	Silt	BurnOld	Good	2019-05-29	440848	7066792			LBlackie
1888155	20	Brown	B	Clay	BurnOld	Good	2019-05-29	440795	7066781			LBlackie
1888156	20	Orange	C	Silt	BurnOld	Good	2019-05-29	440741	7066778			LBlackie
1888157	30	Orange	B	Clay	ForestBlackSpruce	Good	2019-05-29	441550	7066615			LBlackie
1888158	20	DarkBrown	B	Clay	BrushThin	Good	2019-05-29	441553	7066574			LBlackie
1888159	25	DarkBrown	B	Silt	ForestBlackSpruce	Good	2019-05-29	441552	7066519			LBlackie
1888160	40	Brown	B	Clay	ForestMixed	Good	2019-05-30	440205	7063588			LBlackie

Appendix C - Soil locations and Descriptions

SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1888161	110	Brown	C	Silt	ForestBirch	Excellent	2019-05-30	440206	7063673			LBlackie
1888162	50	LightBrown	C	Silt	ForestBirch	Excellent	2019-05-30	440210	7063758			LBlackie
1888163	60	LightBrown	C	Silt	ForestBirch	Excellent	2019-05-30	440209	7063862			LBlackie
1888164	70	LightBrown	C	Silt	ForestMixed	Excellent	2019-05-30	440206	7063974			LBlackie
1888165	30	Brown	B	Clay	ForestAspen	Good	2019-05-30	440210	7064061			LBlackie
1888166	50	LightBrown	B	Clay	ForestMixed	Excellent	2019-05-30	440208	7064172			LBlackie
1888167	70	Brown	C	Silt	ForestBirch	Excellent	2019-05-30	440212	7063734			LBlackie
1888168	60	LightBrown	C	Silt	ForestMixed	Good	2019-05-30	440215	7064362			LBlackie
1888169	40	LightBrown	B	Clay	BrushThin	Good	2019-05-30	440409	7064375			LBlackie
1888170	30	Brown	B	Clay	BrushThin	Good	2019-05-30	440412	7064268			LBlackie
1888171	30	Brown	B	Clay	ForestMixed	Good	2019-05-30	440409	7064060			LBlackie
1888172	40	LightBrown	C	Silt	ForestBirch	Good	2019-05-30	440408	7063963			LBlackie
1888173	50	Brown	B	Clay	ForestMixed	Excellent	2019-05-30	440410	7063862			LBlackie
1888174	40	Brown	B	Clay	ForestMixed	Good	2019-05-30	440412	7063763			LBlackie
1888175	50	LightBrown	C	Silt	ForestBlackSpruce	Good	2019-05-30	440401	7063659			LBlackie
1888176	60	LightBrown	C	Silt	ForestBlackSpruce	Good	2019-05-30	440403	7063578			LBlackie
1888178	40	Brown	B	Clay	ForestMixed	Good	2019-05-30	440419	7064173			LBlackie
1888201	30	DarkBrown	B/C	Sand	ForestMixed	Poor	2019-05-29	441214	7064358			TGill
1888202	30	DarkBrown	B/C	Sand	ForestMixed	Good	2019-05-28	441212	7064260			TGill
1888203	40	Brown	B/C	Sand	ForestMixed	Poor	2019-05-28	441210	7064159			TGill
1888204	20	Brown	B	Sand	BrushThick	Good	2019-05-29	441208	7064061			TGill
1888205	20	Tan	C	Sand	BrushThin	Excellent	2019-05-29	441208	7063961			TGill
1888206	20	Tan	C	Sand	BrushThin	Excellent	2019-05-29	441208	7063872			TGill
1888207	50	Tan	C	Sand	BrushThick	Excellent	2019-05-29	441206	7063759			TGill
1888208	50	Tan	C	Sand	BrushThick	Excellent	2019-05-29	441203	7063660			TGill
1888209	70	Tan	C	Sand	ForestMixed	Excellent	2019-05-29	441203	7063575			TGill
1888601	20	Grey	B/C	Clay	ForestBlackSpruce	Poor	2019-05-21	440919	7064867			HMarr
1888602	10	LightBrown	B	Clay	ForestBlackSpruce	Poor	2019-05-21	440919	7064817			HMarr
1888603	30	Brown	C	Silt	ForestBlackSpruce	Good	2019-05-17	440918	7064765			HMarr
1888604	20	DarkBrown	B/C	Silt	ForestMixed	Poor	2019-05-17	440917	7064716			HMarr
1888605	30	Brown	B/C	Silt	ForestBlackSpruce	Good	2019-05-17	440916	7064668			HMarr
1888606	20	Brown	B/C	Silt	ForestBlackSpruce	Good	2019-05-17	440916	7064617			HMarr
1888607	20	Brown	B/C	Silt	ForestBlackSpruce	Good	2019-05-21	440915	7064566			HMarr

Appendix C - Soil locations and Descriptions

SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1888608	30	Brown	B/C	Silt	ForestMixed	Good	2019-05-21	440913	7064517			HMarr
1888609	40	RustyRed	C	Silt	ForestBlackSpruce	Good	2019-05-21	440914	7064467			HMarr
1888610	30	DarkBrown	B/C	Silt	ForestBlackSpruce	Good	2019-05-21	440913	7064415			HMarr
1888611	30	Brown	B/C	Silt	BrushThin	Good	2019-05-23	440441	7066327			HMarr
1888612	30	LightBrown	B/C	Silt	ForestBlackSpruce	Good	2019-05-23	440435	7066226			HMarr
1888613	20	Brown	B	Silt	ForestBlackSpruce	Good	2019-05-23	440441	7066122			HMarr
1888614	20	LightBrown	B	Silt	ForestBlackSpruce	Poor	2019-05-23	440439	7066022			HMarr
1888615	20	RustyOrange	B	Silt	BrushThick	Good	2019-05-23	440440	7065926			HMarr
1888616	30	LightBrown	B/C	Sand	BrushThin	Good	2019-05-23	440424	7065818			HMarr
1888617	30	Brown	B/C	Silt	ForestBlackSpruce	Good	2019-05-23	440436	7065720			HMarr
1888618	20	RustyOrange	B	Silt	BrushThick	Good	2019-05-23	440429	7065623			HMarr
1888619	30		B/C	Silt	BrushThick	Good	2019-05-23	440432	7065527			HMarr
1888620	30	Brown	B	Silt	ForestBlackSpruce	Good	2019-05-23	440429	7065425			HMarr
1888621	30	Brown	B	Silt	ForestMixed	Good	2019-05-26	440306	7064427			HMarr
1888622	30	Brown	B	Silt	ForestMixed	Good	2019-05-26	440315	7064473			HMarr
1888623	40	Brown	C	Sand	ForestBlackSpruce	Excellent	2019-05-26	440314	7064531			HMarr
1888624	40	RustyOrange	C	Sand	BrushThick	Excellent	2019-05-26	440313	7064576			HMarr
1888625	30	Brown	B/C	Silt	BrushThick	Good	2019-05-26	440320	7064626			HMarr
1888626	30	DarkBrown	B/C	Silt	BrushThick	Good	2019-05-26	440318	7064677			HMarr
1888627	40	Brown	B/C	Clay	BrushThick	Good	2019-05-25	440312	7064720			HMarr
1888628	20	Brown	B	Sand	BrushThick	Good	2019-05-26	440309	7064774			HMarr
1888629	30	Brown	B/C	Silt	BrushThick	Good	2019-05-26	440322	7064825			HMarr
1888630	20	Brown	B	Silt	BrushThick	Poor	2019-05-26	440321	7064879			HMarr
1888631	20	Brown	B	Silt	BrushThick	Poor	2019-05-26	440320	7064930			HMarr
1888632	30	Brown	B/C	Silt	ForestBlackSpruce	Good	2019-05-26	440012	7064576			HMarr
1888633	30	Brown	B/C	Silt	ForestBlackSpruce	Good	2019-05-26	440013	7064578	FieldDuplicate	1888631	HMarr
1888634	30	Brown	B	Silt	ForestBlackSpruce	Good	2019-05-26	440018	7064477			HMarr
1888635	30	Brown	B	Silt	ForestBlackSpruce	Good	2019-05-26	440116	7064476			HMarr
1888636	40	Brown	B/C	Silt	ForestBlackSpruce	Good	2019-05-26	440115	7064583			HMarr
1888637	30	Brown	B	Silt	ForestMixed	Poor	2019-05-29	440798	7063667			JWhitney
1888638	30	Brown	B	Silt	ForestMixed	Good	2019-05-29	440804	7063582			JWhitney
1888651	65	LightBrown	C	Sand	ForestMixed	Good	2019-05-23	440943	7066311			MWilliams
1888652	10	Brown	B/C	Sand	ForestMixed	Poor	2019-05-23	440941	7066259			MWilliams

Appendix C - Soil locations and Descriptions

SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1888653	20	Brown	B/C	Sand	ForestMixed	Poor	2019-05-23	440935	7066215			MWilliams
1888654	15	Brown	B/C	Sand	ForestMixed	Poor	2019-05-23	440937	7066163			MWilliams
1888655	30	LightBrown	C	Sand	ForestMixed	Good	2019-05-23	440939	7066063			MWilliams
1888656	30	Brown	C	Sand	ForestMixed	Good	2019-05-23	440938	7066012			MWilliams
1888657	40	LightBrown	C	Sand	ForestMixed	Good	2019-05-23	440930	7065964			MWilliams
1888658	50	LightBrown	C	Sand	ForestMixed	Excellent	2019-05-23	440934	7065915			MWilliams
1888659	30	Brown	C	Sand	ForestMixed	Good	2019-05-23	440930	7065865			MWilliams
1888660	35	LightBrown	C	Sand	ForestMixed	Good	2019-05-23	440928	7065813			MWilliams
1888661	30	Orange	C	Sand	ForestMixed	Good	2019-05-23	440933	7065765			MWilliams
1888662	20	Brown	B/C	Sand	ForestMixed	Good	2019-05-23	440934	7065717			MWilliams
1888663	20	LightBrown	B/C	Sand	ForestMixed	Poor	2019-05-23	440933	7065672			MWilliams
1888664	45	LightBrown	C	Sand	ForestMixed	Good	2019-05-23	440926	7065609			MWilliams
1888665	20	DarkBrown	B/C	Sand	ForestMixed	Poor	2019-05-23	440929	7065571			MWilliams
1888666	40	Brown	B	Clay	ForestMixed	Poor	2019-05-25	440530	7065379			MWilliams
1888667	50	Tan	C	Sand	ForestMixed	Excellent	2019-05-25	440529	7065272			MWilliams
1888668	30	Brown	B/C	Sand	BrushThin	Good	2019-05-25	440526	7065219			MWilliams
1888669	20	Grey	B	Sand	ForestMixed	Poor	2019-05-25	440514	7065160			MWilliams
1888670	30	Grey	B/C	Sand	ForestMixed	Good	2019-05-25	440520	7065142			MWilliams
1888671	20	Brown	C	Sand	ForestMixed	Good	2019-05-25	440515	7065072			MWilliams
1888672	20						2019-05-25	440517	7065071	FieldDuplicate	1888671	MWilliams
1888673	30	Brown	B/C	Sand	ForestMixed	Good	2019-05-25	440525	7065026			MWilliams
1888674	30	Brown	B/C	Sand	ForestMixed	Good	2019-05-25	440521	7064973			MWilliams
1888675	40	Tan	C	Sand	ForestMixed	Excellent	2019-05-25	440516	7064922			MWilliams
1888676	50	Brown	C	Silt	ForestMixed	Excellent	2019-05-25	440613	7064667			MWilliams
1888677	50	Tan	C	Sand	ForestMixed	Excellent	2019-05-25	440610	7064732			MWilliams
1888678	25	Brown	B/C	Sand	ForestMixed	Good	2019-05-25	440625	7064774			MWilliams
1888679	40	Tan	C	Sand	ForestMixed	Good	2019-05-25	440613	7064824			MWilliams
1888680	20	Brown	B/C	Sand	ForestMixed	Poor	2019-05-25	440615	7064872			MWilliams
1888681	20	Brown	B/C	Sand	ForestMixed	Poor	2019-05-25	440624	7064924			MWilliams
1888682	60	LightBrown	C	Clay	ForestMixed	Good	2019-05-25	440627	7064965			MWilliams
1888683	25	Brown	B/C	Sand	ForestMixed	Poor	2019-05-25	440622	7065020			MWilliams
1888684	30	DarkBrown	B/C	Sand	ForestMixed	Poor	2019-05-25	440628	7065068			MWilliams
1888685	30	DarkBrown	B/C	Sand	ForestMixed	Poor	2019-05-25	440745	7065096			MWilliams

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SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1888686	30	LightBrown	B/C	Sand	ForestMixed	Good	2019-05-26	440024	7065376			MWilliams
1888687	50	Brown	B/C	Sand	BrushThick	Good	2019-05-26	440026	7065338			MWilliams
1888688	35	Brown	B	Sand	BrushThick	Good	2019-05-26	440015	7065277			MWilliams
1888689	30	Brown	B	Clay	BrushThick	Poor	2019-05-26	440014	7065219			MWilliams
1888690	30	LightBrown	B/C	Clay	ForestMixed	Good	2019-05-26	440023	7065180			MWilliams
1888691	40	DarkBrown	B	Sand	ForestMixed	Good	2019-05-26	440019	7065134			MWilliams
1888692	40	Brown	B/C	Sand		Poor	2019-05-26	440030	7065063			MWilliams
1888693	50	Brown	B	Clay	BrushThick	Poor	2019-05-26	440017	7065048			MWilliams
1888694	20	Brown	B/C	Sand	BrushThick	Good	2019-05-26	440010	7064984			MWilliams
1888695	50	Brown	C	Sand	ForestMixed	Excellent	2019-05-25	440626	7065114			MWilliams
1888696	40	Brown	B	Sand	ForestMixed	Good	2019-05-27	440343	7065618			MWilliams
1888697	40	Brown	B/C	Sand	ForestMixed	Good	2019-05-27	440331	7065781			MWilliams
1888698	50	LightBrown	C	Sand	BrushThick	Good	2019-05-27	440330	7065836			MWilliams
1888699	70	LightBrown	C	Sand	BrushThick	Excellent	2019-05-27	440334	7065881			MWilliams
1888700	40	LightBrown	C	Sand	BurnNew	Good	2019-05-27	440253	7065884			MWilliams
1888701	30	Brown	B	Silt	BrushThin	Poor	2019-05-21	440520	7064871			JWhitney
1888702	50	Brown	B/C	Sand	BrushThin	Poor	2019-05-21	440519	7064822			JWhitney
1888703	30	Brown	B	Silt	BrushThin	Poor	2019-05-21	440518	7064772			JWhitney
1888704	300	Brown	B	Silt	BrushThin	Poor	2019-05-21	440518	7064723			JWhitney
1888705	30	RustyOrange	B	Silt	BrushThin	Poor	2019-05-21	440518	7064671			JWhitney
1888706	30	RustyOrange	B	Silt	BrushThin	Good	2019-05-21	440516	7064623			JWhitney
1888707	20	Brown	B	Silt	BrushThin		2019-05-21	440515	7064571			JWhitney
1888708	20	Brown	B	Silt	BrushThin	Poor	2019-05-21	440515	7064520			JWhitney
1888709	20	RustyRed	B	Silt	BrushThin	Good	2019-05-21	440514	7064473			JWhitney
1888710	40	RustyOrange	B	Silt	BrushThin	Good	2019-05-21	440513	7064421			JWhitney
1888711	30	Brown	B	Silt	BrushThin	Good	2019-05-23	440441	7066176			JWhitney
1888712	30	Brown	B	Silt	BrushThin	Poor	2019-05-23	440440	7066077			JWhitney
1888713	20	Brown	B	Silt	BrushThin	Poor	2019-05-23	440437	7065973			JWhitney
1888714	30	Brown	B	Silt	BrushThick	Good	2019-05-23	440433	7065867			JWhitney
1888715	40	RustyOrange	B	Silt	BrushThin	Good	2019-05-23	440435	7065772			JWhitney
1888716	20	Brown	B	Silt	BrushThin	Poor	2019-05-23	440432	7065671			JWhitney
1888717	20	RustyOrange	B	Silt	BrushThin	Good	2019-05-23	440435	7065575			JWhitney
1888718	30	RustyOrange	B	Silt	BrushThin	Good	2019-05-23	440433	7065374			JWhitney

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SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1888719	40	RustyOrange	B	Silt	BrushThin	Good	2019-05-23	440432	7065470			JWhitney
1888720	50	RustyOrange	B		BrushThin	Good	2019-05-25	440931	7065516			JWhitney
1888721	20	Brown	B	Silt	BrushThin	Good	2019-05-25	440929	7065463			JWhitney
1888722	20	Brown	B	Silt	BrushThin	Good	2019-05-25	440930	7065413			JWhitney
1888723	30	RustyOrange	B	Silt	BrushThin	Good	2019-05-25	440926	7065371			JWhitney
1888724	30	RustyOrange	B/C	Silt	BrushThin	Good	2019-05-25	440925	7065319			JWhitney
1888725	20	Brown	B	Silt	BrushThin	Good	2019-05-25	440933	7065265			JWhitney
1888726	20	Brown	B	Silt	BrushThin	Poor	2019-05-25	440924	7065216			JWhitney
1888727	20	RustyOrange	B	Silt	BrushThin	Poor	2019-05-25	440926	7065164			JWhitney
1888728	30	RustyOrange	B	Silt	BrushThin	Poor	2019-05-25	440926	7065121			JWhitney
1888729	20	RustyOrange	B	Silt	ForestBlackSpruce	Poor	2019-05-25	440928	7065089			JWhitney
1888730							2019-05-25	440927	7065090	FieldDuplicate	1888729	JWhitney
1888731	20	Brown	B	Silt	ForestBlackSpruce	Poor	2019-05-25	440925	7065017			JWhitney
1888732	40	RustyOrange	B	Silt	ForestBlackSpruce	Good	2019-05-25	440919	7064966			JWhitney
1888733	20	Brown	B	Silt	ForestMixed	Poor	2019-05-25	440918	7064926			JWhitney
1888739	40	Brown	B	Silt	ForestMixed	Good	2019-05-29	441000	7063573			JWhitney
1888740	40	Brown	B	Silt	ForestMixed	Good	2019-05-29	440997	7063660			JWhitney
1888741	30	Brown	B	Silt	ForestBlackSpruce	Good	2019-05-29	441003	7063766			JWhitney
1888742	40	Brown	B	Silt	ForestMixed	Good	2019-05-29	441006	7063860			JWhitney
1888743	50	Brown	B	Silt	ForestAspen	Good	2019-05-29	441003	7063966			JWhitney
1888744	50	LightBrown	B	Silt	ForestMixed		2019-05-29	441003	7064061			JWhitney
1888745	50	LightBrown	B	Silt	ForestBlackSpruce	Good	2019-05-29	441007	7064167			JWhitney
1888746	40	LightBrown	B	Silt	ForestMixed	Poor	2019-05-29	441007	7064267			JWhitney
1888747	20	Brown	B	Silt	ForestMixed	Poor	2019-05-29	441009	7064358			JWhitney
1888748	20	RustyOrange	B	Silt	ForestMixed	Poor	2019-05-29	440802	7063964			JWhitney
1888749	20	RustyOrange	B	Silt	ForestMixed	Good	2019-05-29	440807	7063869			JWhitney
1888750	20	Brown	B	Silt	ForestBlackSpruce	Good	2019-05-29	440808	7063772			JWhitney
1888751	30	DarkBrown	B	Clay	ForestMixed	Poor	2019-05-21	440716	7064863			Jmehltretter
1888752	50	Tan	B	Sand	ForestMixed	Good	2019-05-21	440718	7064816			Jmehltretter
1888753	60	Tan	B	Sand	ForestMixed	Good	2019-05-21	440717	7064769			Jmehltretter
1888754	50	RustyOrange	B	Sand	ForestMixed	Good	2019-05-21	440715	7064712			Jmehltretter
1888755	50	RustyOrange	B	Clay	ForestMixed	Good	2019-05-21	440719	7064671			Jmehltretter
1888756	30	RustyOrange	B	Clay	ForestMixed	Poor	2019-05-21	440711	7064621			Jmehltretter

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SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1888757	30	RustyOrange	B	Clay	ForestMixed	Good	2019-05-21	440715	7064568			Jmehltretter
1888758	40	LightBrown	B	Sand	ForestMixed	Good	2019-05-21	440713	7064521			Jmehltretter
1888759	20	LightBrown	B	Clay	ForestMixed	Poor	2019-05-21	440715	7064466			Jmehltretter
1888760	40	Brown	B	Silt	ForestMixed	Poor	2019-05-21	440715	7064421			JMehltretter
1888761	60	RustyOrange	B	Silt	ForestMixed	Good	2019-05-23	440346	7065670			JMehltretter
1888762	20	Brown	B	Silt	ForestMixed	Poor	2019-05-26	440327	7065575			JMehltretter
1888763	50	LightBrown	B	Silt	ForestMixed		2019-05-23	440332	7065530			JMehltretter
1888764	30	LightBrown	B	Silt	ForestMixed	Good	2019-05-23	440332	7065475			JMehltretter
1888765	60	LightBrown	B	Sand	ForestBlackSpruce	Excellent	2019-05-23	440330	7065430			JMehltretter
1888766	30	Brown	B	Silt	ForestBlackSpruce	Poor	2019-05-23	440327	7065378			JMehltretter
1888767	20	Black	B	Clay	ForestBlackSpruce	Poor	2019-05-23	440322	7065325			JMehltretter
1888768	40	Black	B	Clay	ForestBlackSpruce	Poor	2019-05-23	440319	7065278			JMehltretter
1888769	50	LightBrown	B/C	Sand	ForestMixed	Good	2019-05-23	440327	7065232			JMehltretter
1888770	40	LightBrown	B	Sand	ForestBlackSpruce	Good	2019-05-23	440331	7065175			JMehltretter
1888771	20	Brown	B	Clay	ForestMixed	Poor	2019-05-22	440324	7065124			JMehltretter
1888772	70	Grey	B	Clay	ForestMixed	Good	2019-05-23	440324	7065073			JMehltretter
1888773	30	DarkBrown	B	Clay	ForestMixed	Good	2019-05-23	440324	7065029			JMehltretter
1888774	50	Grey	B	Clay	ForestMixed	Good	2019-05-23	440318	7064979			JMehltretter
1888775	50	Black		Clay	ForestBlackSpruce	Poor	2019-05-25	440428	7065324			Jmehltretter
1888776	30	RustyOrange	B	Silt	ForestMixed	Good	2019-05-25	440421	7065273			Jmehltretter
1888777	30	Grey	B	Clay	ForestMixed	Poor	2019-05-25	440420	7065229			Jmehltretter
1888778	20	LightBrown		Clay	ForestMixed	Poor	2019-05-25	440426	7065170			Jmehltretter
1888779	40	Orange	B	Clay	ForestMixed		2019-05-25	440424	7065123			Jmehltretter
1888780	40	LightBrown	B	Clay	ForestMixed	Good	2019-05-25	440416	7065078			Jmehltretter
1888781	30	Orange	B	Silt	ForestMixed	Good	2019-05-25	440416	7065028			Jmehltretter
1888782	80	Brown	C	Sand	ForestMixed	Excellent	2019-05-25	440408	7064964			Jmehltretter
1888783	80						2019-05-25	440408	7064964	FieldDuplicate	1888782	Jmehltretter
1888784	40	Brown	B	Silt	ForestMixed	Good	2019-05-25	440417	7064911			Jmehltretter
1888785	30	Brown	B	Silt	ForestMixed	Good	2019-05-25	440410	7064871			Jmehltretter
1888786	50	Brown	B	Silt	ForestMixed		2019-05-25	440420	7064817			Jmehltretter
1888787	60	Brown	B/C	Sand	ForestMixed	Excellent	2019-05-25	440410	7064775			Jmehltretter
1888788	30	Brown	B	Silt	ForestMixed	Good	2019-05-25	440421	7064742			Jmehltretter
1888789	30	Brown	B	Silt	ForestMixed	Good	2019-05-25	440403	7064678			Jmehltretter

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SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1888790	30	Brown	B	Silt	ForestMixed	Good	2019-05-25	440414	7064634			Jmehltretter
1888791	40	Brown	B	Silt	ForestMixed	Good	2019-05-25	440411	7064588			Jmehltretter
1888792	20	Brown	B	Silt	ForestMixed	Poor	2019-05-25	440412	7064519			Jmehltretter
1888793	40	Brown	B	Silt	ForestMixed	Good	2019-05-25	440423	7064476			Jmehltretter
1888794	40	Brown	B	Silt	ForestMixed	Good	2019-05-25	440422	7064427			Jmehltretter
1888795	40	Brown	B	Silt	ForestMixed	Good	2019-05-26	440237	7065378			Jmehltretter
1888796	60	Brown	B	Silt	ForestMixed	Good	2019-05-26	440235	7065340			Jmehltretter
1888797	20	Black		Clay	BrushThick	Poor	2019-05-26	440232	7065260			Jmehltretter
1888798	30	Grey	B	Silt	ForestMixed	Good	2019-05-26	440232	7065230			Jmehltretter
1888799	60	LightBrown	B/C	Silt	ForestMixed	Good	2019-05-26	440220	7065182			Jmehltretter
1888800	40	Grey	B	Clay	ForestMixed	Good	2019-05-26	440226	7065129			Jmehltretter
1888801	40	Brown	B	Sand	ForestBlackSpruce	Poor	2019-05-21	440821	7064867			WMidea
1888802	80	Brown	C	Sand	ForestBlackSpruce	Good	2019-05-21	440819	7064817			WMidea
1888803	25	Brown	B	Sand	ForestBlackSpruce	Good	2019-05-21	440819	7064767			WMidea
1888804	40	Brown	B	Sand	ForestBirch	Good	2019-05-21	440818	7064718			WMidea
1888805	30	Brown	B	Sand	ForestBlackSpruce	Good	2019-05-21	440817	7064667			WMidea
1888806	40	Brown	B	Sand	ForestBlackSpruce	Good	2019-05-21	440816	7064618			WMidea
1888807	25	Brown	B	Sand	ForestBlackSpruce	Poor	2019-05-21	440817	7064568			WMidea
1888808	25	Brown	B	Sand	ForestBlackSpruce	Poor	2019-05-21	440815	7064516			WMidea
1888809	45	Brown	B	Sand	ForestBlackSpruce	Good	2019-05-21	440814	7064467			WMidea
1888810	30	Brown	B	Sand	ForestBlackSpruce	Poor	2019-05-21	440813	7064416			WMidea
1888811	30	Brown	B	Sand	ForestBlackSpruce	Good	2019-05-23	440848	7066315			WMidea
1888812	25	Brown	B	Sand	ForestBlackSpruce	Poor	2019-05-23	440854	7066265			WMidea
1888813	30	Brown	B	Sand	ForestBlackSpruce	Good	2019-05-23	440833	7066218			WMidea
1888814	30	Brown	B	Sand	ForestBlackSpruce	Good	2019-05-23	440837	7066175			WMidea
1888815	25	Brown	B	Sand	ForestBlackSpruce	Good	2019-05-23	440836	7066116			WMidea
1888816	25	Brown	B	Sand	ForestBlackSpruce	Good	2019-05-23	440835	7066065			WMidea
1888817	50	Brown	B	Sand	BrushThin	Good	2019-05-23	440832	7066012			WMidea
1888818	25	Brown	B	Sand	ForestBlackSpruce	Poor	2019-05-23	440835	7065960			WMidea
1888819	30	DarkBrown	B	Sand	ForestBirch	Good	2019-05-23	440836	7065915			WMidea
1888820	55	Brown	B	Sand	ForestBlackSpruce	Good	2019-05-23	440841	7065869			WMidea
1888821	40	Brown	B	Sand	ForestBlackSpruce	Good	2019-05-23	440840	7065811			WMidea
1888822	30	Brown	B	Sand	ForestBlackSpruce	Good	2019-05-23	440833	7065771			WMidea

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SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1888823	35	Brown	B	Sand	ForestBlackSpruce	Poor	2019-05-23	440832	7065720			WMidea
1888824	30	Brown	B	Sand	BrushThin	Good	2019-05-23	440832	7065666			WMidea
1888825	35	Brown	B	Sand	BrushThin	Good	2019-05-23	440829	7065618			WMidea
1888826	25	Brown	B	Sand	BrushThin	Poor	2019-05-23	440833	7065570			WMidea
1888827	30	RustyOrange	B	Sand	ForestMixed	Good	2019-05-25	440824	7065513			W.Midea
1888828	25	Brown	B	Sand	ForestMixed	Good	2019-05-25	440829	7065462			W.Midea
1888829	30	RustyOrange	B	Sand	ForestBlackSpruce	Good	2019-05-25	440825	7065412			W.Midea
1888830	30	Brown	B	Sand	BrushThin	Good	2019-05-25	440820	7065367			W.Midea
1888831	40	Brown	B/C	Sand	BrushThin	Good	2019-05-25	440825	7065321			W.Midea
1888832	30	Brown	B	Sand	BrushThin	Good	2019-05-25	440824	7065264			W.Midea
1888833	30	RustyOrange	B	Sand	BrushThin	Good	2019-05-25	440825	7065220			W.Midea
1888834	30	Brown	B	Sand	ForestMixed	Good	2019-05-25	440825	7065163			W.Midea
1888835	30	RustyOrange	B	Sand	ForestBlackSpruce	Good	2019-05-25	440820	7065117			W.Midea
1888836	40	RustyOrange	B/C	Sand	BrushThin	Good	2019-05-25	440820	7065070			W.Midea
1888837	35	RustyOrange	B	Sand	ForestMixed	Good	2019-05-25	440817	7065014			W.Midea
1888838	70	Brown	C	Sand	ForestMixed	Excellent	2019-05-25	440819	7064973			W.Midea
1888839							2019-05-25	440820	7064973	FieldDuplicate	1888838	W.Midea
1888840	30	Brown	B/C	Sand	ForestBlackSpruce	Good	2019-05-25	440818	7064910			W.Midea
1888841	20	Brown	B	Sand	ForestBlackSpruce	Poor	2019-05-25	440714	7064923			W.Midea
1888842	25	Brown	B	Sand	ForestMixed	Good	2019-05-25	440721	7064969			W.Midea
1888843	20	Brown	B	Sand	ForestMixed	Good	2019-05-25	440722	7065022			W.Midea
1888844	25	Brown	B	Sand	BrushThin	Good	2019-05-25	440723	7065071			W.Midea
1888845	60	Brown	C	Sand	ForestBlackSpruce	Excellent	2019-05-29	440601	7063590			W.Midea
1888846	50	LightBrown	C	Sand	ForestMixed	Excellent	2019-05-29	440603	7063675			W.Midea
1888847	40	LightBrown	C	Sand	ForestMixed	Good	2019-05-29	440603	7063767			W.Midea
1888848	45	LightBrown	C	Sand	ForestBlackSpruce	Good	2019-05-29	440598	7063864			W.Midea
1888849	45	Brown	C	Sand	ForestBirch	Good	2019-05-29	440613	7063962			W.Midea
1888850	55	LightBrown	C	Sand	ForestMixed	Good	2019-05-29	440603	7064065			W.Midea
1888901	50	Brown	C	Sand	ForestBlackSpruce	Good	2019-05-23	440745	7066326			DChodur
1888902	30	Brown	C	Sand	ForestBlackSpruce	Poor	2019-05-23	440741	7066270			DChodur
1888903	40	Brown	C	Sand	ForestBlackSpruce	Good	2019-05-23	440738	7066218			DChodur
1888904	35	Brown	C	Sand	ForestBlackSpruce	Good	2019-05-30	440740	7066170			DChodur
1888905	40	Brown	C	Sand	BrushThick	Good	2019-05-23	440742	7066116			DChodur

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SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1888906	30	Brown	C	Sand	BrushThick	Poor	2019-05-23	440739	7066066			DChodur
1888907	30	Brown	C	Sand	BrushThick	Good	2019-05-23	440730	7066019			DChodur
1888908	45	Grey	C	Silt	BrushThick	Good	2019-05-23	440737	7065963			DChodur
1888909	35	Brown	B/C	Sand	BrushThick	Good	2019-05-23	440737	7065919			DChodur
1888910	30	Brown	B/C	Sand	BrushThick	Good	2019-05-23	440733	7065863			DChodur
1888911	30	Brown	C	Sand	ForestBlackSpruce	Good	2019-05-25	440745	7065827			DChodur
1888912	30	RustyRed	C	Sand	ForestBlackSpruce	Good	2019-05-25	440730	7065777			DChodur
1888913	45	Brown	C	Sand	ForestBlackSpruce	Good	2019-05-25	440728	7065719			DChodur
1888914	30	Brown	B/C	Sand	ForestBlackSpruce	Good	2019-05-25	440724	7065658			DChodur
1888915	40	LightBrown	C	Sand	ForestBlackSpruce	Good	2019-05-25	440729	7065620			DChodur
1888916	50	Grey	C	Sand	BrushThick	Excellent	2019-05-25	440734	7065558			DChodur
1888917	40	Brown	C	Sand	BrushThick	Excellent	2019-05-25	440721	7065513			DChodur
1888918							2019-05-25	440721	7065513	FieldDuplicate	1888917	DChodur
1888919	35	Grey	C	Sand	BrushThick	Excellent	2019-05-25	440724	7065475			DChodur
1888920	30	Brown	B/C	Sand	BrushThick	Poor	2019-05-25	440730	7065414			DChodur
1888921	30	Brown	C	Sand	BrushThick	Good	2019-05-25	440730	7065367			DChodur
1888922	30	RustyOrange	C	Sand	BrushThin	Good	2019-05-25	440728	7065323			DChodur
1888923	40	Brown	C	Sand	BrushThin	Good	2019-05-25	440732	7065266			DChodur
1888924	40	RustyOrange	C	Sand	BrushThin	Excellent	2019-05-25	440724	7065217			DChodur
1888925	30	Brown	C	Sand	BrushThick	Excellent	2019-05-25	440733	7065170			DChodur
1888926	40	Brown	B/C	Sand	ForestBlackSpruce	Good	2019-05-29	440606	7064174			W.Midea
1888927	60	LightBrown	C	Sand	ForestMixed	Excellent	2019-05-29	440605	7064279			W.Midea
1888928	50	LightBrown	C	Sand	ForestMixed	Good	2019-05-29	440612	7064374			W.Midea
1888929	30	Brown	B	Sand	ForestMixed	Poor	2019-05-29	440812	7064359			W.Midea
1888930	30	RustyOrange	B	Sand	ForestBlackSpruce	Good	2019-06-03	440801	7064275			W.Midea
1888931	25	Brown	B	Sand	ForestMixed	Good	2019-05-29	440808	7064174			W.Midea
1888932	25	Brown	B	Sand	ForestMixed	Poor	2019-05-29	440804	7064073			W.Midea
1888951	30	Brown	B	Sand	ForestBlackSpruce	Poor	2019-05-23	440644	7066320			LBlackie
1888952	30	LightBrown	C	Clay	ForestBlackSpruce	Good	2019-05-23	440641	7066272			LBlackie
1888953	30	LightBrown	C	Silt	ForestBlackSpruce	Good	2019-05-22	440638	7066220			LBlackie
1888954	20	Brown	C	Sand	ForestBlackSpruce	Good	2019-05-23	440632	7066164			LBlackie
1888955	20	LightBrown	B	Clay	BrushThin	Good	2019-05-23	440647	7066119			LBlackie
1888956	35	LightBrown	C	Clay	ForestBlackSpruce		2019-05-23	440637	7066068			LBlackie

Appendix C - Soil locations and Descriptions

SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1888957	30	Brown	C	Silt	ForestBlackSpruce	Good	2019-05-23	440638	7066023			LBlackie
1888958	30	Brown	C	Sand	ForestBlackSpruce	Good	2019-07-23	440636	7065972			LBlackie
1888959	60	Brown	C	Clay	ForestMixed	Excellent	2019-07-23	440638	7065916			LBlackie
1888960	30	Brown	C	Clay	ForestMixed	Good	2019-07-23	440639	7065864			LBlackie
1888961	50	LightBrown	C	Clay	ForestMixed	Good	2019-08-23	440640	7065822			LBlackie
1888962	30	Brown	C	Silt	ForestMixed	Good	2019-08-23	440632	7065775			LBlackie
1888963	100	Grey	C	Sand	BrushThin	Excellent	2019-05-25	440627	7065711			LBlackie
1888964	30	Brown	B	Clay	BrushThin	Good	2019-05-25	440626	7065677			LBlackie
1888965	80	Brown	C	Silt	BrushThin	Good	2019-05-25	440630	7065565			LBlackie
1888966	50	Brown	C	Silt	BrushThin	Good	2019-05-25	440643	7065575			LBlackie
1888967	30	Brown	B	Clay	BrushThin	Good	2019-05-25	440624	7065521			LBlackie
1888968	50	LightBrown	C	Silt	BrushThin	Good	2019-05-25	440620	7065467			LBlackie
1888969	90	LightBrown	C	Silt	BrushThin	Excellent	2019-05-25	440616	7065425			LBlackie
1888970	80						2019-05-25	440615	7065424	FieldDuplicate	1888969	LBlackie
1888971	70	Grey	C	Silt	BrushThin	Excellent	2019-05-25	440620	7065371			LBlackie
1888972	30	Brown	B	Clay	BrushThin	Good	2019-05-25	440610	7065330			LBlackie
1888973	30	Brown	B	Clay	BrushThin	Good	2019-05-25	440619	7065277			LBlackie
1888974	30	Brown	B	Clay	BrushThin	Good	2019-05-25	440621	7065223			LBlackie
1888975	30	Brown	B	Clay	BrushThin	Good	2019-05-25	440622	7065182			LBlackie
1888976	30	Brown	B	Clay	ForestMixed	Good	2019-05-25	440608	7064608			LBlackie
1888977	40	Brown	B	Clay	ForestMixed	Good	2019-05-25	440618	7064575			LBlackie
1888978	30	Brown	B	Clay	ForestMixed	Good	2019-05-25	440605	7064519			LBlackie
1888979	30	Brown	B	Clay	ForestMixed	Good	2019-05-25	440608	7064478			LBlackie
1888980	30	Brown	B	Clay	ForestMixed	Good	2019-05-25	440619	7064416			LBlackie
1888981	30	Brown	B	Clay	ForestMixed	Good	2019-05-26	440204	7064432			LBlackie
1888982	30	Brown	B	Clay	ForestMixed	Good	2019-05-26	440215	7064478			LBlackie
1888983	20	Grey	B	Clay	BrushThick	Poor	2019-05-26	440219	7064529			LBlackie
1888984	40	Brown	B	Silt	BrushThick	Good	2019-05-26	440211	7064581			LBlackie
1888985	30	Brown	B	Silt	ForestMixed	Good	2019-05-26	440218	7064623			LBlackie
1888986	30	Brown	B	Clay	ForestMixed	Good	2019-05-26	440217	7064685			LBlackie
1888987	30	Brown	B	Silt	ForestMixed	Good	2019-05-26	440224	7064729			LBlackie
1888988	20	Brown	B	Silt	ForestMixed	Good	2019-05-26	440226	7064779			LBlackie
1888989	30	Brown	B	Silt	ForestMixed	Good	2019-05-26	440217	7064826			LBlackie

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SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1888990	30	Brown	B	Silt	ForestMixed	Good	2019-05-26	440134	7064777			LBlackie
1888991	20	Brown	B	Silt	BrushThin	Good	2019-05-26	440113	7064732			LBlackie
1888992	40	Black	B	Silt	ForestMixed	Good	2019-05-26	440109	7064679			LBlackie
1888993	40	Brown	B	Clay	ForestMixed	Good	2019-05-26	440109	7064623			LBlackie
1888994	70	Brown	C	Silt	ForestMixed	Good	2019-05-27	440243	7065734			LBlackie
1888995	60	LightBrown	C	Silt	ForestMixed	Excellent	2019-05-27	440028	7065482			LBlackie
1888996	30	Brown	B/C	Silt	ForestMixed	Good	2019-05-27	440029	7065529			LBlackie
1888997	30	Brown	B	Clay	BrushThick	Good	2019-05-27	440029	7065585			LBlackie
1888998	30	Brown	B	Clay	BrushThick	Good	2019-05-27	440033	7065623			LBlackie
1888999	30	Brown	B	Clay	BrushThick	Good	2019-05-27	440025	7065681			LBlackie
1889000	30	Brown	B	Silt	BrushThick	Good	2019-05-27	440243	7065734			LBlackie
1890453	20	DarkBrown	B	Clay	ForestMixed	Good	2019-05-22	440525	7065427			MMaracle
1890454	20	Grey	B	Clay	ForestBlackSpruce	Poor	2019-05-22	440520	7065480			MMaracle
1890455	40	Tan	B/C	Clay	ForestBlackSpruce	Good	2019-05-22	440519	7065520			MMaracle
1890456	70	RustyOrange	C	Clay	ForestBlackSpruce	Excellent	2019-05-22	440523	7065566			MMaracle
1890457	20	Grey	B	Clay	ForestBlackSpruce	Good	2019-05-22	440533	7065617			MMaracle
1890458	10	Tan	B	Clay	ForestBlackSpruce	Poor	2019-05-23	440537	7065673			MMaracle
1890459	20	Tan	B	Clay	ForestBlackSpruce	Good	2019-05-23	440531	7065724			MMaracle
1890460	20	LightBrown	B	Clay	ForestBlackSpruce	Good	2019-05-23	440530	7065763			MMaracle
1890461	30	Tan	B/C	Clay	ForestBlackSpruce	Good	2019-05-23	440537	7065825			MMaracle
1890462	40	Tan	B/C	Clay	ForestBlackSpruce	Good	2019-05-23	440534	7065871			MMaracle
1890463	20	Tan	B	Clay	ForestBlackSpruce	Good	2019-05-23	440539	7065924			MMaracle
1890464	20	Tan	B	Clay	ForestBlackSpruce	Good	2019-05-23	440533	7065972			MMaracle
1890465	30	Tan	B/C	Clay	ForestBlackSpruce	Good	2019-05-23	440532	7066027			MMaracle
1890466	20	Tan	B	Clay	ForestBlackSpruce	Good	2019-05-23	440534	7066072			MMaracle
1890467	40	Tan	B	Clay	ForestBlackSpruce	Good	2019-05-23	440533	7066122			MMaracle
1890468	40	Tan	B	Clay	ForestBlackSpruce	Good	2019-05-23	440538	7066170			MMaracle
1890469	30	Grey	B/C	Clay	ForestBlackSpruce	Good	2019-05-23	440541	7066219			MMaracle
1890470	20	Tan	B	Clay	ForestBlackSpruce	Poor	2019-05-23	440537	7066268			MMaracle
1890471	20	Tan	B/C	Clay	ForestBlackSpruce	Poor	2019-05-23	440546	7066319			MMaracle
1901051	30	LightBrown	B	Silt	ForestMixed	Good	2019-05-26	440227	7065069			Jmehltretter
1901052	30	Brown	B	Silt	ForestMixed	Good	2019-05-26	440222	7065014			Jmehltretter
1901053	30	LightBrown	B	Silt	BrushThin	Good	2019-05-26	440228	7064981			Jmehltretter

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SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1901054	40	DarkBrown	B	Silt	ForestMixed	Good	2019-05-26	440213	7064918			Jmehltretter
1901055	30	Brown	B	Clay	ForestMixed	Good	2019-05-26	440225	7064876			Jmehltretter
1901056	30	Brown	B	Silt	ForestMixed	Good	2019-05-26	440116	7064824			Jmehltretter
1901057	30	LightBrown	B	Silt	ForestMixed	Good	2019-05-26	440125	7064879			Jmehltretter
1901058	40	Brown	B	Silt	ForestMixed	Good	2019-05-26	440122	7064934			Jmehltretter
1901059	40	Brown	B	Silt	ForestMixed	Poor	2019-05-26	440116	7064986			Jmehltretter
1901060	40	DarkBrown	B	Clay	BrushThick	Good	2019-05-27	440142	7065889			Jmehltretter
1901061	30	DarkBrown	B	Silt	BrushThick	Good	2019-05-27	440127	7065831			Jmehltretter
1901062	60	Brown	B/C	Silt	BrushThick	Good	2019-05-27	440133	7065775			Jmehltretter
1901063	60	Brown	B	Silt	BrushThick	Good	2019-05-27	440133	7065731			Jmehltretter
1901064	60	LightBrown	B/C	Sand	ForestMixed	Good	2019-05-27	440140	7065696			Jmehltretter
1901065	30	Brown	B	Clay	ForestMixed	Good	2019-05-27	440139	7065632			Jmehltretter
1901066	30	Brown	B	Silt	ForestMixed	Good	2019-05-27	440132	7065555			Jmehltretter
1901067	30	DarkBrown	B	Silt	BrushThick	Good	2019-05-27	440139	7065521			Jmehltretter
1901068	60	LightBrown	C	Sand	ForestMixed	Good	2019-05-27	440142	7065483			Jmehltretter
1901069	80	Brown	B/C	Silt	ForestMixed	Good	2019-05-27	440136	7065431			Jmehltretter
1901070	50	Brown	B/C	Silt	ForestMixed	Good	2019-05-27	440141	7065377			Jmehltretter
1901071	30	Brown	B/C	Silt	ForestMixed	Good	2019-05-27	440129	7065338			Jmehltretter
1901072	30	Brown	B	Silt	ForestMixed	Good	2019-05-27	440124	7065234			Jmehltretter
1901073	50	Brown	B	Silt	ForestMixed	Good	2019-05-27	440128	7065136			Jmehltretter
1901074	50	Brown	B	Silt	ForestMixed	Good	2019-05-27	440122	7065020			Jmehltretter
1901075	30	Brown	B/C	Silt	ForestMixed	Good	2019-05-28	439712	7065205			Jmehltretter
1901076	40	Brown	B	Silt	ForestMixed	Good	2019-05-28	439732	7065138			Jmehltretter
1901077	50	Brown	B/C	Silt	ForestBlackSpruce	Good	2019-05-28	439716	7065084			Jmehltretter
1901078	60	Brown	B/C	Silt	ForestMixed	Good	2019-05-28	439725	7065048			Jmehltretter
1901079	60	Brown	B/C	Silt	ForestMixed	Good	2019-05-28	439725	7064982			Jmehltretter
1901080	40	LightBrown	C	Sand	ForestMixed	Good	2019-05-28	439727	7064928			Jmehltretter
1901081	80	LightBrown	B	Silt	ForestMixed	Good	2019-05-28	439735	7064874			Jmehltretter
1901082	40	Brown	B/C	Silt	ForestMixed	Good	2019-05-28	439736	7064828			Jmehltretter
1901083	40	Brown	B	Silt	ForestMixed	Good	2019-05-28	439714	7064797			Jmehltretter
1901084	30	Brown	B	Silt	ForestMixed	Good	2019-05-28	439727	7064735			Jmehltretter
1901085	40	Brown	B/C	Silt	ForestMixed	Good	2019-05-28	439714	7064674			Jmehltretter
1901086	30	DarkBrown	B	Silt	ForestMixed	Good	2019-05-28	439708	7064626			Jmehltretter

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SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1901087	40	DarkBrown	B	Silt	ForestMixed	Good	2019-05-28	439722	7064581			Jmehltretter
1901088	30	DarkBrown	B	Clay	ForestMixed	Poor	2019-05-28	439739	7064543			Jmehltretter
1901089	30	Brown	B/C	Silt	ForestMixed	Good	2019-05-28	439727	7064487			Jmehltretter
1901090	50	LightBrown	B/C	Silt	ForestMixed	Good	2019-05-28	439724	7064428			Jmehltretter
1901091	50	Brown	B/C	Silt	ForestMixed	Good	2019-05-28	439614	7064291			Jmehltretter
1901092	40	LightBrown	C	Sand	ForestMixed	Good	2019-05-28	439597	7064182			Jmehltretter
1901093	90	LightBrown	C	Sand	ForestMixed	Excellent	2019-05-28	439606	7064077			Jmehltretter
1901094	110	LightBrown	C	Sand	ForestMixed	Excellent	2019-05-28	439609	7063983			Jmehltretter
1901095	40	Orange	B/C	Sand	ForestMixed	Good	2019-05-28	439627	7063884			Jmehltretter
1901096	50	Brown	B/C	Sand	ForestMixed	Good	2019-05-28	439609	7063774			Jmehltretter
1901097	30	Brown	B	Silt	ForestMixed	Good	2019-05-28	439602	7063676			Jmehltretter
1901098	20	DarkBrown	B	Silt	ForestMixed	Good	2019-05-29	441343	7066620			Jmehltretter
1901099	80	Grey	B/C	Silt	ForestMixed	Good	2019-05-29	441351	7066567			Jmehltretter
1901100	30	Brown	B	Silt	BrushThin	Poor	2019-05-29	441358	7066522			Jmehltretter
1901101	50	Brown	B/C	Sand	ForestMixed	Good	2019-05-26	440020	7064931			MWilliams
1901102	50	LightBrown	B	Sand	ForestMixed	Good	2019-05-26	440017	7064884			MWilliams
1901103	20	LightBrown	B	Sand	ForestMixed	Good	2019-05-26	440009	7064837			MWilliams
1901104	30	Brown	B	Sand	ForestMixed	Good	2019-05-26	440015	7064784			MWilliams
1901105	30	LightBrown	B	Sand	BrushThin	Poor	2019-05-26	440016	7064726			MWilliams
1901106	30	LightBrown	B	Sand	ForestMixed	Poor	2019-05-26	440007	7064701			MWilliams
1901107	50	LightBrown	B	Sand	ForestMixed	Good	2019-05-26	440017	7064639			MWilliams
1901108	30	Green	B	Silt	ForestMixed	Good	2019-05-26	440019	7064525			MWilliams
1901109	40	Brown	B	Clay	ForestMixed	Good	2019-05-26	440012	7064433			MWilliams
1901110	30	DarkBrown	B/C	Sand	ForestBirch	Good	2019-05-26	440113	7064433			MWilliams
1901111	50	Brown	B	Clay	ForestMixed	Good	2019-05-26	440115	7064527			MWilliams
1901112	20	DarkBrown	B/C	Sand	BrushThick	Poor	2019-05-27	440226	7065844			MWilliams
1901113	20	Brown	B	Silt	BrushThick	Poor	2019-05-27	440232	7065806			MWilliams
1901114	30	Brown	B	Silt	BurnNew	Poor	2019-05-27	440228	7065723			MWilliams
1901115	20	Brown	B	Silt	ForestMixed	Good	2019-05-27	440233	7065634			MWilliams
1901116	20	Brown	B	Silt	BrushThick	Poor	2019-05-27	440224	7065575			MWilliams
1901117	20	LightBrown	B/C	Sand	BrushThick	Good	2019-05-27	440227	7065533			MWilliams
1901118	30	LightBrown	B	Silt	ForestMixed	Good	2019-05-27	440230	7065492			MWilliams
1901119	50	Tan	C	Sand	ForestMixed	Good	2019-05-27	440227	7065433			MWilliams

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SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1901120	20	DarkBrown	B	Clay	ForestMixed	Poor	2019-05-27	440122	7065278			MWilliams
1901121	30	Brown	B/C	Sand	ForestMixed	Good	2019-05-27	440110	7065170			MWilliams
1901122	50	LightBrown	B/C	Sand	ForestMixed	Good	2019-05-27	440127	7065080			MWilliams
1901123	40	LightBrown	B/C	Sand	ForestMixed	Good	2019-05-28	439831	7065187			MWilliams
1901124	40	LightBrown	B	Silt	ForestMixed	Good	2019-05-28	439814	7065148			MWilliams
1901125	20	Brown	B	Silt	ForestMixed	Poor	2019-05-28	439812	7065077			MWilliams
1901126	80	Tan	C	Sand	ForestMixed	Good	2019-05-28	439808	7065047			MWilliams
1901127	20	Brown	B	Sand	ForestMixed	Poor	2019-05-28	439820	7064977			MWilliams
1901128	50	Tan	B/C	Sand	ForestMixed	Good	2019-05-28	439806	7064933			MWilliams
1901129	40	Tan	C	Sand	ForestMixed	Good	2019-05-28	439819	7064872			MWilliams
1901130	50	Tan	C	Sand	ForestMixed	Good	2019-05-28	439820	7064836			MWilliams
1901131	50	Tan	C	Sand	ForestMixed	Good	2019-05-28	439819	7064788			MWilliams
1901132	50	Tan	C	Sand	ForestMixed	Good	2019-05-28	439811	7064726			MWilliams
1901133	40	DarkBrown	B/C	Sand	ForestMixed	Good	2019-05-28	439818	7064681			MWilliams
1901134	50	Grey	C	Sand	BrushThick	Good	2019-05-28	439828	7064637			MWilliams
1901135	50	DarkBrown	B/C	Silt	BrushThick	Poor	2019-05-28	439815	7064542			MWilliams
1901136	30	LightBrown	B/C	Sand	ForestMixed	Good	2019-05-28	439813	7064485			MWilliams
1901137	30	Brown	B/C	Silt	ForestMixed	Good	2019-05-28	439802	7064431			MWilliams
1901138	30	Brown	B/C	Sand	ForestMixed	Good	2019-05-28	439620	7064470			MWilliams
1901139	110	DarkBrown	C	Sand	BrushThick	Good	2019-05-28	439610	7064587			MWilliams
1901140	80	DarkBrown	B	Silt	ForestMixed	Good	2019-05-28	439615	7064689			MWilliams
1901141	30	Green	B	Silt	ForestMixed	Poor	2019-05-28	439616	7064786			MWilliams
1901142	50	LightBrown	C	Sand		Good	2019-05-28	439616	7064886			MWilliams
1901143	60	Tan	C	Sand	ForestMixed	Good	2019-05-28	439616	7064977			MWilliams
1901144	40	LightBrown	C	Sand	ForestMixed	Good	2019-05-28	439615	7065090			MWilliams
1901145	30	Tan	C	Sand	ForestMixed	Good	2019-05-28	439634	7065185			MWilliams
1901146	40	Brown	B/C	Sand	ForestMixed	Good	2019-05-29	441241	7066810			MWilliams
1901147	40	Brown	B/C	Silt	BrushThick	Good	2019-05-29	441256	7066779			MWilliams
1901148	40	LightBrown	C	Sand	BrushThick	Good	2019-05-29	441257	7066717			MWilliams
1901149	20	LightBrown	B/C	Sand	BrushThick	Good	2019-05-29	441261	7066668			MWilliams
1901150	30	LightBrown	B/C	Silt	BrushThick	Poor	2019-05-29	441253	7066629			MWilliams
1901151	30	Brown	B	Clay	BrushThick	Good	2019-05-27	439938	7065738			LBlackie
1901152	40	Brown	C	Silt	BrushThick	Good	2019-05-26	439934	7065687			LBlackie

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SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1901153								439934	7065687	FieldDuplicate	1901152	LBlackie
1901154	30	Brown	B	Silt	ForestMixed	Good	2019-05-26	439933	7065645			LBlackie
1901155	20	Brown	B	Clay	BrushThick	Good	2019-05-26	439922	7065584			LBlackie
1901156	50	Brown	B	Clay	BrushThick	Good	2019-05-26	439933	7065530			LBlackie
1901157	40	Grey	B	Clay	BrushThick	Good	2019-05-26	439915	7065493			LBlackie
1901158	70	Brown	C	Silt	ForestMixed	Excellent	2019-05-26	439921	7065435			LBlackie
1901159	30	Brown	B	Clay	ForestBirch	Good	2019-05-26	439916	7065371			LBlackie
1901160	40	LightBrown	C	Silt	ForestMixed	Excellent	2019-05-26	439913	7065335			LBlackie
1901161	30	LightBrown	B	Sand	BrushThick	Good	2019-05-26	439917	7065277			LBlackie
1901162	40	Brown	B	Clay	BrushThin	Good	2019-05-26	439917	7065226			LBlackie
1901163	20	Brown	B	Silt	BrushThin	Good	2019-05-26	439909	7065184			LBlackie
1901164	30	Brown	B	Silt	BrushThick	Good	2019-05-26	439914	7065136			LBlackie
1901169	30	Brown	C	Silt	BrushThick	Poor	2019-05-28	440243	7065734			LBlackie
1901170	30	Brown	B	Silt	BrushThick	Good	2019-05-28	440243	7065734			LBlackie
1901171	40	Brown	B	Silt	BrushThick	Poor	2019-05-28	439926	7064981			LBlackie
1901172	30	Brown	B	Silt	ForestMixed	Good	2019-05-28	439923	7064925			LBlackie
1901173	30	Brown	B	Clay	BrushThick	Good	2019-05-28	439922	7064879			LBlackie
1901174	30	Brown	B	Clay	ForestMixed	Good	2019-05-28	439914	7064841			LBlackie
1901175	40	LightBrown	C	Silt	BrushThin	Excellent	2019-05-28	439926	7064787			LBlackie
1901176	40	Brown	B	Clay	ForestMixed	Good	2019-05-28	439915	7064737			LBlackie
1901177	30	Brown	B	Clay	ForestMixed	Good	2019-05-28	439921	7064674			LBlackie
1901178	40	DarkBrown	B	Silt	BrushThick	Good	2019-05-28	439914	7064628			LBlackie
1901179	30	Brown	B	Clay	BrushThick	Good	2019-05-28	439918	7064587			LBlackie
1901180	50	Orange	C	Silt	BrushThick	Excellent	2019-05-28	439905	7064529			LBlackie
1901181	80	DarkBrown	C	Silt	ForestMixed	Excellent	2019-05-28	439926	7064479			LBlackie
1901182	30	Brown	C	Silt	ForestMixed	Good	2019-05-28	439904	7064430			LBlackie
1901183	30	Black	B	Clay	BrushThick	Good	2019-05-28	440243	7065734			LBlackie
1901184	30	Brown	B	Clay	BrushThick	Good	2019-05-28	440243	7065734			LBlackie
1901185	30	DarkBrown	B	Clay	BrushThick	Good	2019-05-28	439607	7064539			LBlackie
1901186	20	Brown	B	Sand	BrushThin	Poor	2019-05-28	439621	7064637			LBlackie
1901187	20	Brown	B	Clay	BrushThin	Good	2019-05-28	439620	7064749			LBlackie
1901188	30	Brown	B	Clay	ForestMixed	Good	2019-05-28	439609	7064830			LBlackie
1901189	30	Brown	B	Silt	ForestMixed	Good	2019-05-27	439620	7064937			LBlackie

Appendix C - Soil locations and Descriptions

SampleNo	Depth	Colour	Horizon	Texture	Vegetation	Quality	Date	xUTM	yUTM	QAQC	QAQC Desc	Sampler
1901190	50	LightBrown	C	Clay	ForestMixed	Good	2019-05-27	439616	7065041			LBlackie
1901191	40	Brown	B	Clay	BrushThick	Good	2019-05-27	439611	7065141			LBlackie
1901192	20	Brown	B	Clay	BrushThin	Good	2019-05-29	441046	7066278			LBlackie
1901193	20	Brown	B	Clay	BrushThick	Good	2019-05-29	441041	7066327			LBlackie
1901194	30	Brown	B	Silt	BrushThick	Good	2019-05-29	441037	7066372			LBlackie
1901195	20	Brown	B	Clay	BrushThick	Good	2019-05-29	441055	7066417			LBlackie
1901196	40	Tan	B	Silt	ForestMixed	Good	2019-05-29	441049	7066473			LBlackie
1901197	20	Brown	B	Silt	ForestMixed	Good	2019-05-29	441048	7066520			LBlackie
1901198	50	Orange	B/C	Silt	BrushThick	Good	2019-05-29	441050	7066568			LBlackie
1901199	30	Grey	B	Clay	BurnOld	Good	2019-05-29	441048	7066624			LBlackie
1901200	60	Brown	C	Silt	BurnOld	Excellent	2019-05-29	441045	7066664			LBlackie

Appendix D – Assay Certificates

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

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

Client: **Big River Mineral Exploration**
Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7 Canada

Submitted By: Tyrell Sutherland
Receiving Lab: Canada-Whitehorse
Received: June 11, 2019
Report Date: September 11, 2019

CERTIFICATE OF ANALYSIS WHI19000049.1

CLIENT JOB INFORMATION

Project: Mint
Shipment ID:
P.O. Number
Number of Samples: 12

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	12	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ201	12	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SLBHP	12	Sort, label and box pulps			WHI
SHP01	12	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Big River Mineral Exploration
Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7
Canada

CC:

KERRY JAY
Geochem Project Specialist

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. Bureau Veritas 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.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Big River Mineral Exploration**
Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7 Canada

Project: Mint
Report Date: September 11, 2019

CERTIFICATE OF ANALYSIS WHI19000049.1

	Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	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	1	0.01	0.001
1888878	Rock	1.30	0.2	1.1	4.1	15	<0.1	4.4	1.9	174	0.98	<0.5	0.9	6.5	4	<0.1	0.2	<0.1	3	0.02	0.014
1888879	Rock	1.52	0.2	4.7	17.4	15	<0.1	5.5	2.6	431	0.82	<0.5	<0.5	6.9	6	<0.1	0.1	<0.1	2	0.03	0.016
1888880	Rock	1.57	0.1	1.7	2.3	15	<0.1	7.0	2.9	110	1.13	<0.5	0.7	4.7	4	<0.1	0.1	<0.1	8	0.02	0.012
1888881	Rock	1.44	0.3	4.2	5.9	67	<0.1	19.6	11.5	1038	3.81	4.5	<0.5	5.9	3	0.1	<0.1	0.1	10	<0.01	0.011
1888882	Rock	1.17	1.2	7.5	31.7	14	<0.1	7.8	3.0	1013	1.04	0.6	<0.5	6.5	9	0.2	0.4	0.2	2	0.03	0.011
1888883	Rock	1.01	0.1	0.6	0.6	14	<0.1	6.2	2.4	102	1.08	<0.5	<0.5	8.9	6	<0.1	<0.1	<0.1	6	0.02	0.011
1888884	Rock	1.88	0.2	0.4	0.5	2	<0.1	0.9	0.3	33	0.31	0.8	0.9	0.7	2	<0.1	<0.1	<0.1	<1	0.01	0.008
1888887	Rock	2.05	1.3	4.7	29.8	55	0.2	3.8	1.1	443	0.71	25.1	1.2	0.5	1	0.2	2.0	<0.1	1	<0.01	0.002
1888888	Rock	1.78	0.1	4.1	4.1	9	<0.1	4.5	1.6	325	0.79	1.0	<0.5	1.5	135	<0.1	1.7	<0.1	1	0.87	0.005
1888893	Rock	1.09	0.2	6.5	3.2	12	<0.1	9.5	3.4	186	1.06	5.3	0.7	2.4	16	<0.1	<0.1	<0.1	3	0.16	0.039
1888894	Rock	1.02	0.2	1.5	3.7	9	<0.1	4.4	1.8	77	0.91	1.0	<0.5	4.8	5	<0.1	<0.1	<0.1	4	0.03	0.014
1888895	Rock	1.25	0.3	8.4	18.3	18	<0.1	4.4	3.1	284	1.09	0.9	<0.5	5.0	3	<0.1	<0.1	0.1	3	0.02	0.012

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Big River Mineral Exploration**
Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7 Canada

Project: Mint
Report Date: September 11, 2019

CERTIFICATE OF ANALYSIS WHI19000049.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1888878	Rock	11	5	0.14	42	0.002	<1	0.42	0.018	0.07	<0.1	<0.01	0.6	<0.1	<0.05	1	<0.5	<0.2
1888879	Rock	13	3	0.01	72	0.001	1	0.19	0.024	0.06	<0.1	0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2
1888880	Rock	12	11	0.42	23	0.002	<1	0.65	0.052	0.04	<0.1	<0.01	1.0	<0.1	<0.05	2	<0.5	<0.2
1888881	Rock	12	12	0.32	46	0.002	2	1.12	0.005	0.08	<0.1	<0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1888882	Rock	14	3	0.05	64	0.002	2	0.36	0.029	0.17	<0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
1888883	Rock	8	11	0.31	49	0.003	<1	0.61	0.062	0.07	<0.1	<0.01	0.9	<0.1	<0.05	2	<0.5	<0.2
1888884	Rock	<1	2	0.02	16	<0.001	<1	0.05	0.008	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
1888887	Rock	1	2	<0.01	57	<0.001	1	0.06	0.002	0.02	0.1	0.07	0.3	<0.1	<0.05	<1	<0.5	<0.2
1888888	Rock	4	2	0.01	43	<0.001	2	0.10	0.004	0.05	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2
1888893	Rock	6	3	0.13	37	0.001	1	0.39	0.005	0.06	<0.1	<0.01	0.7	<0.1	<0.05	1	<0.5	<0.2
1888894	Rock	11	6	0.11	32	0.001	<1	0.42	0.054	0.04	<0.1	<0.01	0.7	<0.1	<0.05	2	<0.5	<0.2
1888895	Rock	10	4	0.18	51	0.001	<1	0.44	0.009	0.06	<0.1	<0.01	0.6	<0.1	<0.05	1	<0.5	<0.2

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Big River Mineral Exploration**
Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7 Canada

Project: Mint

Report Date: September 11, 2019

QUALITY CONTROL REPORT WHI19000049.1

	Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	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	1	0.01	0.001
Core Reject Duplicates																					
1888883	Rock	1.01	0.1	0.6	0.6	14	<0.1	6.2	2.4	102	1.08	<0.5	<0.5	8.9	6	<0.1	<0.1	<0.1	6	0.02	0.011
DUP 1888883	QC		0.1	0.6	0.6	14	<0.1	6.4	2.6	103	1.11	<0.5	0.8	9.5	6	<0.1	<0.1	<0.1	6	0.02	0.012
Reference Materials																					
STD DS11	Standard		14.5	138.3	138.1	330	1.7	81.8	13.8	1034	3.11	44.3	73.9	6.6	57	2.4	7.0	10.2	49	1.04	0.072
STD OREAS262	Standard		0.6	111.1	54.2	148	0.5	67.9	29.1	550	3.32	36.7	56.1	8.3	31	0.7	3.4	1.0	23	2.94	0.043
STD DS11 Expected			14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701
STD OREAS262 Expected			0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	65	9.33	36	0.61	5.06	1.03	22.5	2.98	0.04
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	<1	<0.01	<0.001
Prep Wash																					
ROCK-WHI	Prep Blank	1.01	0.6	1.7	1.5	28	0.2	0.7	3.8	461	1.80	0.8	3.3	2.1	17	<0.1	0.2	<0.1	24	0.57	0.042
ROCK-WHI	Prep Blank	1.01	0.9	2.3	1.5	27	<0.1	0.7	3.8	474	1.82	0.8	1.0	2.1	19	<0.1	<0.1	<0.1	24	0.63	0.043

BUREAU VERITAS MINERAL LABORATORIES Canada

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Big River Mineral Exploration**
Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7 Canada

Project: Mint

Report Date: September 11, 2019

QUALITY CONTROL REPORT WHI19000049.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Core Reject Duplicates																		
1888883	Rock	8	11	0.31	49	0.003	<1	0.61	0.062	0.07	<0.1	<0.01	0.9	<0.1	<0.05	2	<0.5	<0.2
DUP 1888883	QC	8	11	0.33	54	0.003	<1	0.63	0.059	0.08	<0.1	<0.01	1.0	<0.1	<0.05	2	<0.5	<0.2
Reference Materials																		
STD DS11	Standard	16	61	0.84	375	0.083	6	1.13	0.072	0.39	3.1	0.24	3.3	4.9	0.27	5	2.3	4.6
STD OREAS262	Standard	15	45	1.18	261	0.003	5	1.40	0.066	0.30	0.2	0.18	3.3	0.5	0.26	4	<0.5	0.2
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
STD OREAS262 Expected		15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	3.73	0.4	0.23
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
Prep Wash																		
ROCK-WHI	Prep Blank	5	2	0.45	61	0.067	2	0.93	0.100	0.10	0.1	<0.01	2.8	<0.1	<0.05	4	<0.5	<0.2
ROCK-WHI	Prep Blank	5	2	0.45	54	0.067	3	0.98	0.126	0.11	0.1	<0.01	3.0	<0.1	<0.05	4	<0.5	<0.2

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

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

Client: **Big River Mineral Exploration**
Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7 Canada

Submitted By: Tyrell Sutherland
Receiving Lab: Canada-Whitehorse
Received: June 11, 2019
Report Date: September 11, 2019
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI19000050.1

CLIENT JOB INFORMATION

Project: Mint
Shipment ID:
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

Bureau Veritas 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
DY060	320	Dry at 60C			WHI
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	312	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DISPL	320	Disposal of pulps			VAN
SHP01	320	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Big River Mineral Exploration
Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7
Canada

CC:

JEFFREY CANNON
Geochemistry Department Supervisor

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

Client: **Big River Mineral Exploration**
Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7 Canada

Project: Mint
Report Date: September 11, 2019

CERTIFICATE OF ANALYSIS WHI19000050.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
1888001	Soil		1.2	13.2	10.2	51	<0.1	14.5	5.4	203	2.58	13.1	5.1	4.2	6	0.1	1.3	0.2	39	0.05	0.041	17
1888002	Soil		1.0	11.9	9.6	30	<0.1	9.3	3.4	104	1.50	9.3	1.5	0.5	5	<0.1	0.8	0.2	28	0.04	0.057	15
1888003	Soil		1.0	18.4	15.1	42	<0.1	14.8	6.5	171	2.07	10.6	1.4	0.9	5	0.3	0.9	0.2	30	0.04	0.051	18
1888004	Soil		0.7	14.6	9.2	41	<0.1	12.5	4.1	111	1.83	11.2	2.0	0.9	7	0.1	0.9	0.1	29	0.08	0.041	13
1888005	Soil		1.1	13.0	10.5	46	<0.1	13.8	5.9	262	2.43	18.8	3.5	2.8	6	0.1	1.1	0.2	37	0.04	0.033	13
1888006	Soil		0.9	23.9	17.3	78	0.1	37.7	14.1	443	4.01	27.5	1.1	7.6	9	<0.1	2.4	0.2	25	0.04	0.045	28
1888007	Soil		1.0	6.6	9.1	39	<0.1	9.8	5.1	214	2.10	11.7	0.6	4.1	9	<0.1	0.5	0.2	46	0.07	0.030	14
1888008	Soil		0.8	14.9	10.7	50	<0.1	17.9	8.5	218	2.92	13.6	<0.5	6.8	7	0.1	2.0	0.2	24	0.05	0.039	26
1888009	Soil		0.5	26.0	18.9	87	<0.1	34.3	18.2	630	3.41	31.3	3.3	12.0	8	0.2	3.4	0.2	14	0.09	0.055	32
1888010	Soil		0.9	11.0	9.6	43	<0.1	12.5	5.0	140	2.16	12.7	16.2	1.1	9	<0.1	0.5	0.2	37	0.09	0.039	13
1888011	Soil		0.7	19.8	12.2	54	0.2	20.7	9.6	251	2.15	8.8	5.6	1.9	25	0.1	1.0	0.2	30	0.31	0.066	23
1888027	Soil		1.1	17.0	9.0	51	<0.1	17.5	7.5	292	2.06	11.4	4.0	5.5	26	<0.1	0.7	0.2	36	0.28	0.044	16
1888051	Soil		0.8	22.2	12.0	55	<0.1	20.3	8.2	338	2.22	14.8	5.2	5.4	13	<0.1	1.2	0.2	32	0.13	0.054	22
1888052	Soil		0.8	20.1	11.3	59	<0.1	18.4	7.4	264	2.26	16.3	3.6	6.3	8	0.1	1.6	0.2	34	0.09	0.053	23
1888053	Soil		0.8	16.6	8.0	44	<0.1	14.8	5.7	208	1.88	11.1	27.9	2.9	8	<0.1	0.9	0.2	32	0.09	0.060	19
1888054	Soil		0.8	17.4	7.3	45	<0.1	14.7	5.2	149	1.79	10.1	2.0	3.5	7	<0.1	0.9	0.1	28	0.08	0.046	17
1888055	Soil		0.8	7.6	7.3	32	<0.1	8.9	2.8	90	1.49	9.0	16.1	0.6	7	<0.1	0.6	0.1	33	0.08	0.037	14
1888056	Soil		1.1	12.2	10.8	43	<0.1	11.6	5.0	159	2.17	12.1	10.8	1.1	9	<0.1	0.9	0.2	39	0.10	0.062	14
1888057	Soil		0.7	8.9	7.9	36	<0.1	10.3	3.6	109	1.49	11.9	4.3	0.5	6	<0.1	1.1	0.1	25	0.07	0.042	13
1888058	Soil		1.0	14.8	12.1	62	<0.1	17.0	8.7	319	2.76	14.0	1.9	3.9	8	0.2	0.8	0.2	38	0.08	0.041	13
1888059	Soil		1.5	11.1	10.8	48	<0.1	11.2	4.5	170	2.59	14.0	6.2	0.7	8	0.1	0.8	0.2	47	0.05	0.047	14
1888060	Soil		0.9	7.3	8.5	33	<0.1	8.5	3.6	147	2.17	13.4	2.0	2.4	6	<0.1	0.6	0.2	42	0.04	0.030	13
1888061	Soil		0.5	8.3	8.3	38	0.1	10.7	4.0	108	1.47	5.5	7.3	0.8	10	<0.1	0.5	0.1	18	0.10	0.056	19
1888062	Soil		1.0	21.5	12.4	57	<0.1	21.8	8.6	216	2.50	13.3	5.8	10.2	13	<0.1	0.7	0.2	29	0.11	0.028	25
1888063	Soil		1.1	21.2	11.8	62	<0.1	23.8	9.7	228	2.49	18.6	3.0	8.3	15	<0.1	1.1	0.2	38	0.16	0.035	16
1888064	Soil		0.8	22.7	9.1	52	<0.1	20.5	7.2	298	2.09	15.4	62.9	7.9	24	0.1	1.2	0.1	32	0.26	0.060	17
1888065	Soil		1.0	26.6	10.8	54	<0.1	45.2	10.4	247	2.60	15.1	5.2	7.1	9	<0.1	0.7	0.2	39	0.08	0.022	31
1888066	Soil		0.9	28.3	14.8	53	<0.1	37.8	10.2	258	2.90	16.3	2.2	7.9	8	<0.1	0.6	0.2	44	0.06	0.030	35
1888067	Soil		1.4	7.3	9.8	51	<0.1	11.0	7.7	470	2.44	17.4	11.7	4.6	15	0.1	0.8	0.2	40	0.17	0.099	14
1888068	Soil		0.8	11.7	11.1	58	<0.1	12.7	5.8	216	2.06	11.7	1.4	5.1	19	0.1	0.9	0.1	38	0.23	0.060	16

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1888001	Soil	20	0.29	95	0.020	2	1.24	0.004	0.04	0.4	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1888002	Soil	16	0.18	44	0.007	2	0.80	0.004	0.04	0.3	0.03	0.4	<0.1	<0.05	4	<0.5	<0.2
1888003	Soil	14	0.19	66	0.012	2	0.86	0.004	0.04	0.2	0.05	0.7	<0.1	<0.05	4	<0.5	<0.2
1888004	Soil	17	0.25	75	0.014	1	0.97	0.003	0.03	0.4	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
1888005	Soil	18	0.21	48	0.026	1	0.80	0.003	0.04	0.5	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1888006	Soil	19	0.17	78	0.007	2	1.21	0.004	0.06	0.2	0.05	1.9	<0.1	<0.05	3	<0.5	<0.2
1888007	Soil	17	0.20	124	0.024	2	1.14	0.004	0.03	0.2	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2
1888008	Soil	11	0.14	62	0.012	1	0.78	0.004	0.04	0.1	<0.01	1.2	<0.1	<0.05	4	<0.5	<0.2
1888009	Soil	18	0.51	57	0.004	1	1.71	0.004	0.05	<0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1888010	Soil	19	0.28	119	0.021	2	1.02	0.005	0.04	0.3	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2
1888011	Soil	20	0.35	255	0.013	2	1.28	0.006	0.06	0.5	0.06	1.6	0.1	<0.05	4	<0.5	<0.2
1888027	Soil	20	0.36	289	0.020	2	1.23	0.005	0.05	0.3	0.02	2.6	<0.1	<0.05	3	<0.5	<0.2
1888051	Soil	21	0.31	464	0.020	2	0.98	0.005	0.05	0.5	0.06	3.9	<0.1	<0.05	3	<0.5	<0.2
1888052	Soil	21	0.35	170	0.024	2	1.39	0.005	0.05	0.6	0.04	3.2	<0.1	<0.05	4	<0.5	<0.2
1888053	Soil	19	0.23	85	0.018	1	0.91	0.002	0.03	0.4	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1888054	Soil	18	0.27	87	0.016	<1	1.05	0.005	0.03	0.3	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1888055	Soil	16	0.23	70	0.016	1	0.82	0.003	0.03	0.4	0.03	0.8	<0.1	<0.05	4	<0.5	<0.2
1888056	Soil	21	0.32	138	0.020	1	1.29	0.005	0.03	0.3	0.04	1.8	0.1	<0.05	4	0.5	<0.2
1888057	Soil	15	0.21	46	0.011	1	0.70	0.003	0.03	0.4	0.01	0.6	<0.1	<0.05	3	<0.5	<0.2
1888058	Soil	26	0.39	124	0.025	<1	1.60	0.005	0.04	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1888059	Soil	20	0.24	76	0.025	1	1.09	0.004	0.04	0.3	0.02	1.3	<0.1	<0.05	5	<0.5	<0.2
1888060	Soil	15	0.20	70	0.034	<1	0.80	0.004	0.03	0.4	0.02	1.4	<0.1	<0.05	5	<0.5	<0.2
1888061	Soil	16	0.28	106	0.008	1	1.01	0.005	0.03	0.4	0.05	0.8	<0.1	<0.05	3	<0.5	<0.2
1888062	Soil	20	0.38	169	0.026	1	1.33	0.007	0.05	0.3	0.03	2.4	<0.1	<0.05	4	<0.5	<0.2
1888063	Soil	26	0.40	196	0.039	2	1.73	0.008	0.06	0.5	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1888064	Soil	18	0.32	271	0.034	1	0.97	0.011	0.05	0.6	0.03	2.8	<0.1	<0.05	3	<0.5	<0.2
1888065	Soil	42	0.48	204	0.019	<1	1.40	0.005	0.04	0.2	0.02	3.8	<0.1	<0.05	4	<0.5	<0.2
1888066	Soil	44	0.66	161	0.018	<1	1.86	0.004	0.04	0.2	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
1888067	Soil	19	0.29	112	0.032	2	0.92	0.005	0.04	0.4	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
1888068	Soil	22	0.40	202	0.042	2	1.57	0.008	0.03	0.4	0.03	2.4	0.1	<0.05	5	<0.5	<0.2

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Whitehorse Yukon Y1A 0K7 Canada

Project: Mint
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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
1888069	Soil	0.7	14.3	8.9	53	<0.1	15.1	6.1	172	1.97	10.0	4.9	6.1	17	<0.1	0.8	0.1	32	0.17	0.051	16
1888070	Soil	0.9	12.3	9.8	52	<0.1	13.7	6.4	159	1.91	11.3	1.5	5.1	20	<0.1	0.8	0.1	35	0.18	0.048	18
1888071	Soil	0.8	14.6	13.4	56	<0.1	14.6	6.9	248	2.15	16.4	1.4	8.2	24	<0.1	1.1	0.2	41	0.24	0.044	20
1888072	Soil	0.9	15.4	10.7	57	0.1	17.9	6.9	204	2.33	15.2	6.1	6.6	17	<0.1	1.1	0.2	39	0.18	0.040	13
1888073	Soil	1.0	10.9	11.8	53	<0.1	11.8	6.2	209	2.00	13.6	1.9	5.5	12	<0.1	0.6	0.2	38	0.14	0.033	18
1888074	Soil	0.8	15.2	11.7	56	<0.1	14.4	6.5	204	2.29	14.6	5.7	9.3	27	<0.1	1.2	0.1	37	0.25	0.033	21
1888075	Soil	0.8	18.7	20.1	75	0.2	16.4	7.8	568	2.40	25.1	1.8	14.0	107	0.2	2.3	0.2	45	0.73	0.063	27
1888076	Soil	0.7	29.7	20.2	76	<0.1	16.8	7.3	357	2.48	18.5	1.9	13.6	54	0.1	4.7	0.2	49	0.57	0.050	32
1888077	Soil	0.8	16.8	22.7	73	<0.1	15.7	8.0	431	2.82	26.9	1.2	18.3	60	<0.1	2.0	0.2	53	0.77	0.074	26
1888078	Soil	0.8	22.5	11.5	64	<0.1	19.5	8.0	270	2.34	15.4	1.9	10.5	30	<0.1	1.7	0.2	43	0.29	0.048	38
1888079	Soil	0.8	32.6	13.5	81	<0.1	33.2	13.1	396	3.57	21.7	1.6	18.3	25	<0.1	1.0	0.2	28	0.23	0.058	49
1888101	Soil	1.1	10.4	14.5	53	<0.1	10.9	4.7	189	2.11	15.0	2.8	2.6	10	0.1	1.2	0.2	42	0.08	0.059	14
1888102	Soil	1.2	12.7	13.7	51	<0.1	12.7	6.0	220	2.29	16.2	4.4	2.5	11	0.1	1.0	0.2	45	0.09	0.049	17
1888103	Soil	1.0	18.3	15.5	60	<0.1	15.1	7.6	293	2.48	17.2	8.0	7.4	11	0.1	2.2	0.2	40	0.09	0.050	22
1888104	Soil	1.0	16.6	19.4	67	<0.1	15.8	9.5	496	2.41	18.0	10.1	7.5	12	0.2	1.7	0.2	40	0.13	0.071	20
1888105	Soil	1.1	21.3	17.3	65	<0.1	17.0	9.2	386	2.37	20.8	2.4	6.6	12	0.2	2.9	0.2	36	0.11	0.057	22
1888106	Soil	1.0	14.3	12.2	46	<0.1	12.0	4.4	152	2.17	16.1	3.0	2.3	10	<0.1	0.8	0.2	39	0.10	0.049	19
1888107	Soil	0.9	10.2	11.1	40	<0.1	10.0	4.3	141	2.20	12.4	1.5	4.0	9	<0.1	0.7	0.2	41	0.08	0.053	15
1888108	Soil	0.9	24.3	10.5	52	<0.1	17.6	7.6	252	2.36	12.6	4.3	6.5	12	<0.1	1.6	0.2	32	0.09	0.052	25
1888109	Soil	0.7	27.8	12.6	63	<0.1	20.8	8.9	380	2.34	19.7	2.6	6.5	18	0.2	1.7	0.2	33	0.15	0.055	25
1888110	Soil	0.8	18.2	9.9	54	<0.1	15.2	5.8	209	1.98	11.5	2.1	3.8	12	<0.1	0.9	0.2	37	0.13	0.069	21
1888111	Soil	0.6	10.8	8.1	33	<0.1	8.8	3.0	88	1.54	10.6	5.0	0.7	9	<0.1	0.7	0.2	34	0.10	0.054	16
1888112	Soil	0.9	13.3	8.9	44	<0.1	11.2	3.7	112	1.90	12.0	16.9	1.2	9	<0.1	0.7	0.2	36	0.10	0.055	15
1888113	Soil	0.9	13.2	11.3	53	<0.1	13.2	5.8	288	2.00	10.8	3.6	1.0	13	0.1	0.8	0.2	34	0.13	0.052	18
1888114	Soil	0.8	12.7	9.3	47	<0.1	12.4	4.6	188	1.77	9.0	15.7	1.3	10	0.1	0.8	0.2	29	0.10	0.050	21
1888115	Soil	0.8	13.7	6.4	42	<0.1	12.1	4.1	127	1.53	9.1	9.1	1.4	11	0.1	0.6	0.1	28	0.11	0.046	17
1888151	Soil	1.0	12.2	12.5	45	<0.1	11.1	4.0	118	2.09	11.9	20.9	2.3	10	<0.1	0.7	0.2	44	0.09	0.049	17
1888152	Soil	1.1	18.4	12.6	53	<0.1	14.0	5.3	157	2.36	13.1	2.5	3.0	10	<0.1	0.8	0.2	44	0.08	0.058	17
1888153	Soil	0.9	10.4	12.0	42	<0.1	10.5	3.7	120	1.92	11.4	2.3	1.3	11	<0.1	0.6	0.2	39	0.08	0.053	16
1888154	Soil	0.7	12.8	10.7	38	0.1	11.1	3.9	116	1.69	18.3	2.4	0.9	7	<0.1	1.8	0.2	29	0.06	0.042	18

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	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
1888069	Soil	20	0.36	184	0.032	<1	1.48	0.007	0.04	0.4	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2
1888070	Soil	22	0.29	256	0.028	1	1.25	0.007	0.03	0.5	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
1888071	Soil	24	0.38	204	0.040	2	1.49	0.010	0.04	0.4	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
1888072	Soil	22	0.44	214	0.032	1	1.59	0.007	0.04	0.3	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1888073	Soil	21	0.33	179	0.021	2	1.25	0.007	0.04	0.2	0.03	2.8	0.1	<0.05	4	<0.5	<0.2
1888074	Soil	24	0.43	242	0.030	1	1.75	0.009	0.04	0.3	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1888075	Soil	29	0.53	296	0.063	4	2.06	0.024	0.08	0.5	0.05	4.5	<0.1	<0.05	6	<0.5	<0.2
1888076	Soil	31	0.56	340	0.070	2	1.92	0.019	0.07	0.5	0.05	6.3	<0.1	<0.05	6	<0.5	<0.2
1888077	Soil	38	0.71	250	0.051	2	2.68	0.009	0.12	0.2	0.02	7.3	<0.1	<0.05	8	<0.5	<0.2
1888078	Soil	25	0.43	361	0.045	1	1.39	0.010	0.06	0.3	0.04	4.2	<0.1	<0.05	4	<0.5	<0.2
1888079	Soil	26	0.54	242	0.021	<1	1.46	0.009	0.06	0.3	0.02	3.7	<0.1	<0.05	4	<0.5	<0.2
1888101	Soil	21	0.29	96	0.017	2	1.24	0.005	0.04	0.4	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
1888102	Soil	24	0.35	118	0.026	1	1.44	0.005	0.04	0.4	0.04	2.4	0.1	<0.05	4	<0.5	<0.2
1888103	Soil	24	0.38	164	0.020	3	1.60	0.005	0.04	0.4	0.05	3.9	0.1	<0.05	4	<0.5	<0.2
1888104	Soil	24	0.37	95	0.027	1	1.26	0.005	0.05	0.8	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
1888105	Soil	22	0.34	180	0.020	1	1.30	0.006	0.05	0.4	0.04	3.5	0.1	<0.05	3	<0.5	<0.2
1888106	Soil	21	0.31	105	0.019	1	1.33	0.005	0.04	0.3	0.04	2.1	0.1	<0.05	4	<0.5	<0.2
1888107	Soil	23	0.30	111	0.023	<1	1.33	0.005	0.04	0.3	0.03	2.4	0.1	<0.05	4	0.7	<0.2
1888108	Soil	20	0.29	171	0.020	<1	1.07	0.005	0.04	0.4	0.05	3.1	<0.1	<0.05	3	<0.5	<0.2
1888109	Soil	19	0.33	430	0.025	<1	1.01	0.006	0.05	0.6	0.04	3.4	<0.1	<0.05	3	<0.5	<0.2
1888110	Soil	21	0.32	167	0.024	<1	1.11	0.005	0.04	0.5	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
1888111	Soil	18	0.24	74	0.016	<1	0.94	0.003	0.03	0.3	0.03	1.1	0.1	<0.05	3	<0.5	<0.2
1888112	Soil	21	0.29	85	0.017	<1	1.07	0.004	0.04	0.3	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1888113	Soil	19	0.29	121	0.012	<1	1.02	0.005	0.04	0.5	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1888114	Soil	15	0.26	90	0.014	<1	0.79	0.004	0.04	0.3	0.05	1.1	<0.1	<0.05	3	<0.5	<0.2
1888115	Soil	16	0.24	180	0.017	<1	0.75	0.005	0.04	0.3	0.04	1.5	<0.1	<0.05	2	<0.5	<0.2
1888151	Soil	22	0.29	100	0.025	<1	1.41	0.004	0.04	0.4	0.04	2.1	0.1	<0.05	5	<0.5	<0.2
1888152	Soil	24	0.39	128	0.026	<1	1.61	0.005	0.04	0.4	0.03	2.5	0.1	<0.05	4	<0.5	<0.2
1888153	Soil	19	0.28	85	0.023	<1	1.17	0.004	0.04	0.4	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1888154	Soil	17	0.23	71	0.013	<1	1.04	0.003	0.03	0.5	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2

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Whitehorse Yukon Y1A 0K7 Canada

Project: Mint
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CERTIFICATE OF ANALYSIS WHI19000050.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
1888155	Soil	1.2	11.4	10.7	42	<0.1	12.9	4.7	168	2.26	15.8	1.6	1.1	8	<0.1	0.9	0.2	44	0.07	0.059	14
1888156	Soil	0.8	11.0	13.7	36	<0.1	9.2	3.5	135	1.45	16.4	4.6	1.5	7	<0.1	2.2	0.2	24	0.05	0.044	18
1888157	Soil	0.8	17.4	11.7	42	<0.1	14.2	5.5	138	2.30	9.8	<0.5	6.4	8	<0.1	1.4	0.2	31	0.04	0.025	23
1888158	Soil	0.4	24.1	13.7	72	<0.1	26.7	10.5	416	2.64	14.5	5.6	6.1	54	<0.1	1.7	0.2	15	0.69	0.058	27
1888159	Soil	0.7	28.2	13.2	62	0.1	25.6	9.4	285	2.46	12.1	1.0	5.5	39	<0.1	2.0	0.2	24	0.43	0.062	32
1888160	Soil	0.8	14.5	7.8	52	<0.1	16.9	5.8	184	1.90	11.4	<0.5	4.4	19	<0.1	0.8	0.1	34	0.19	0.044	14
1888161	Soil	0.8	19.1	10.5	56	<0.1	18.8	6.9	239	2.16	20.3	7.5	10.0	28	<0.1	1.4	0.2	37	0.29	0.049	21
1888162	Soil	0.6	21.8	15.8	90	<0.1	17.7	8.3	365	2.75	37.5	4.1	19.6	55	0.1	2.2	0.2	52	0.65	0.060	26
1888163	Soil	0.8	14.5	20.7	102	0.1	17.2	9.2	461	2.93	15.4	3.8	15.5	55	0.2	1.7	0.3	60	0.62	0.043	26
1888164	Soil	0.9	26.4	12.9	79	0.1	21.1	10.1	339	2.64	18.2	6.9	11.4	23	<0.1	1.5	0.2	49	0.22	0.037	30
1888165	Soil	1.0	12.2	11.1	64	0.1	13.6	9.0	827	2.39	12.1	<0.5	4.1	19	0.1	0.6	0.2	49	0.20	0.071	18
1888166	Soil	0.8	15.3	11.1	48	0.2	14.1	6.4	212	2.24	10.8	0.6	6.2	13	<0.1	0.7	0.2	45	0.12	0.020	19
1888167	Soil	0.6	14.7	12.7	60	<0.1	16.2	6.7	268	2.07	11.4	3.9	8.2	21	<0.1	0.8	0.1	38	0.26	0.049	28
1888168	Soil	0.7	13.4	23.0	64	<0.1	13.2	8.4	388	2.48	12.7	1.4	10.6	21	0.1	1.1	0.2	48	0.27	0.048	24
1888169	Soil	0.9	17.2	10.1	47	<0.1	18.8	8.0	177	2.38	12.8	0.7	5.6	10	<0.1	0.7	0.2	42	0.09	0.025	13
1888170	Soil	1.3	16.1	11.7	67	<0.1	20.7	9.9	272	2.64	14.4	15.4	4.7	13	0.2	0.8	0.2	53	0.12	0.034	13
1888171	Soil	0.7	9.2	7.3	61	<0.1	14.8	5.9	258	2.02	8.7	3.9	3.9	11	0.1	0.6	0.1	33	0.10	0.027	13
1888172	Soil	0.7	16.2	18.9	93	0.2	23.2	10.0	412	3.13	20.3	1.1	9.9	59	0.1	1.4	0.2	62	0.68	0.104	13
1888173	Soil	0.8	15.2	9.1	60	0.1	21.0	8.7	277	2.21	9.0	1.9	2.5	19	0.1	0.7	0.2	47	0.20	0.042	16
1888174	Soil	0.9	12.8	7.8	50	0.3	17.2	6.5	207	1.89	10.3	1.2	4.3	17	0.1	0.7	0.1	37	0.18	0.028	14
1888175	Soil	1.3	18.5	11.4	70	<0.1	20.8	7.4	204	2.27	9.8	1.6	6.4	20	0.1	1.1	0.1	44	0.20	0.037	13
1888176	Soil	0.8	16.3	8.4	53	<0.1	18.4	6.5	195	1.94	11.1	5.0	6.0	18	<0.1	0.9	0.1	34	0.19	0.049	16
1888178	Soil	1.0	18.9	11.0	58	<0.1	21.6	9.5	231	2.64	14.1	0.9	8.4	14	0.1	0.9	0.2	42	0.11	0.032	14
1888201	Soil	1.3	18.4	7.4	69	<0.1	17.5	7.8	265	2.09	12.7	1.1	5.8	80	0.4	1.0	0.2	35	0.83	0.065	25
1888202	Soil	1.1	12.7	8.0	50	<0.1	13.7	6.0	256	1.82	11.5	1.2	5.1	49	<0.1	0.8	0.3	30	0.49	0.053	23
1888203	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.
1888204	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.
1888205	Soil	0.9	10.7	17.4	55	<0.1	13.8	5.7	205	2.15	21.3	<0.5	5.7	15	0.1	1.0	0.2	45	0.31	0.023	14
1888206	Soil	0.6	9.8	10.6	47	<0.1	16.0	9.8	422	1.94	6.3	2.8	6.2	12	<0.1	0.5	0.1	33	0.11	0.024	18
1888207	Soil	0.8	9.3	5.3	40	<0.1	16.4	6.9	249	2.11	5.2	<0.5	5.3	13	<0.1	0.6	0.1	21	0.12	0.058	20

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		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
1888155	Soil		20	0.28	84	0.021	<1	1.07	0.004	0.04	0.2	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1888156	Soil		14	0.20	58	0.010	<1	0.85	0.003	0.03	0.4	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
1888157	Soil		18	0.29	92	0.014	<1	1.12	0.003	0.03	0.2	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1888158	Soil		13	0.41	106	0.003	<1	1.07	0.005	0.04	0.1	0.05	1.5	<0.1	<0.05	3	<0.5	<0.2
1888159	Soil		16	0.33	163	0.007	<1	1.22	0.005	0.06	0.2	0.05	1.8	<0.1	<0.05	3	0.5	<0.2
1888160	Soil		18	0.31	234	0.026	<1	1.00	0.005	0.06	0.3	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1888161	Soil		23	0.34	190	0.037	2	1.32	0.009	0.08	0.5	0.02	3.8	<0.1	<0.05	4	<0.5	<0.2
1888162	Soil		34	0.68	240	0.119	2	2.32	0.017	0.17	0.5	0.02	5.5	0.2	<0.05	8	<0.5	<0.2
1888163	Soil		39	0.68	243	0.120	1	2.61	0.012	0.13	0.6	0.02	5.9	0.1	<0.05	9	<0.5	<0.2
1888164	Soil		27	0.44	293	0.044	1	1.76	0.010	0.06	0.3	0.02	4.5	0.1	<0.05	5	<0.5	<0.2
1888165	Soil		23	0.33	285	0.029	<1	1.32	0.005	0.06	0.3	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
1888166	Soil		23	0.34	174	0.025	<1	1.35	0.005	0.05	0.2	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
1888167	Soil		23	0.46	198	0.019	2	1.54	0.007	0.06	0.3	0.03	3.5	0.1	<0.05	4	<0.5	<0.2
1888168	Soil		34	0.59	152	0.012	2	2.28	0.006	0.06	0.2	0.03	5.0	0.1	<0.05	6	<0.5	<0.2
1888169	Soil		25	0.39	153	0.026	2	1.72	0.005	0.04	0.3	0.03	2.1	0.2	<0.05	4	<0.5	<0.2
1888170	Soil		32	0.41	191	0.034	2	2.08	0.006	0.06	0.3	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1888171	Soil		20	0.32	142	0.025	2	1.17	0.004	0.05	0.3	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
1888172	Soil		37	0.80	433	0.154	4	3.99	0.020	0.10	1.3	0.02	4.4	0.1	<0.05	11	<0.5	<0.2
1888173	Soil		25	0.41	306	0.031	3	1.53	0.006	0.07	0.2	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
1888174	Soil		22	0.41	218	0.039	2	1.23	0.008	0.08	0.3	0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
1888175	Soil		24	0.42	192	0.027	2	1.32	0.006	0.08	0.2	0.01	3.1	0.1	<0.05	4	<0.5	<0.2
1888176	Soil		19	0.31	151	0.031	2	0.96	0.005	0.06	0.5	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
1888178	Soil		27	0.39	197	0.032	2	1.77	0.005	0.05	0.3	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
1888201	Soil		20	0.38	192	0.020	6	1.20	0.010	0.10	0.4	0.08	2.6	0.1	<0.05	3	0.5	<0.2
1888202	Soil		17	0.33	168	0.014	3	1.01	0.009	0.05	0.4	0.07	2.2	<0.1	<0.05	3	<0.5	<0.2
1888203	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.
1888204	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.
1888205	Soil		22	0.39	158	0.008	2	1.41	0.005	0.07	0.2	0.03	2.3	<0.1	<0.05	5	<0.5	<0.2
1888206	Soil		18	0.30	241	0.013	1	1.16	0.005	0.08	0.2	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
1888207	Soil		12	0.19	178	0.007	1	0.71	0.003	0.08	0.3	0.01	1.3	<0.1	<0.05	2	<0.5	<0.2

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	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
1888208	Soil	0.7	11.7	8.7	37	<0.1	15.3	7.9	224	1.74	7.6	0.8	5.0	8	<0.1	0.6	0.1	34	0.08	0.030	18
1888209	Soil	0.7	14.0	7.8	42	<0.1	14.4	5.6	165	1.67	10.0	<0.5	5.2	11	<0.1	0.7	0.1	35	0.09	0.024	19
1888601	Soil	0.5	7.1	9.2	15	<0.1	4.0	1.6	61	0.96	4.5	1.3	0.9	9	<0.1	0.2	0.2	38	0.08	0.026	19
1888602	Soil	0.5	6.6	8.7	30	<0.1	8.2	3.0	95	1.80	10.9	9.9	0.7	7	<0.1	0.4	0.2	35	0.07	0.048	13
1888603	Soil	0.8	14.9	9.6	46	<0.1	14.0	6.4	210	2.42	13.1	9.1	3.8	7	0.1	0.7	0.2	40	0.07	0.039	15
1888604	Soil	0.7	14.7	6.3	51	<0.1	18.0	6.4	182	2.02	9.2	1.1	2.3	18	0.1	0.4	0.2	27	0.18	0.056	29
1888605	Soil	1.0	11.5	7.9	48	<0.1	11.8	5.4	188	2.38	9.2	5.2	2.9	6	<0.1	0.6	0.3	35	0.05	0.047	19
1888606	Soil	0.8	12.9	10.8	48	<0.1	13.1	5.4	164	2.26	10.4	1.4	4.5	7	<0.1	0.6	0.2	43	0.06	0.036	16
1888607	Soil	0.7	14.3	9.1	46	<0.1	15.6	6.3	159	2.19	13.5	4.0	4.9	8	<0.1	0.7	0.2	35	0.08	0.033	15
1888608	Soil	0.7	22.4	10.1	55	<0.1	20.8	9.2	163	2.52	12.8	8.1	8.9	7	<0.1	0.9	0.3	28	0.05	0.025	31
1888609	Soil	1.5	28.1	15.8	128	0.5	34.1	17.9	1363	3.14	26.2	1.3	4.1	62	1.2	0.7	0.8	36	0.58	0.100	29
1888610	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.
1888611	Soil	0.9	13.2	12.9	50	0.2	16.9	7.0	223	2.52	21.1	821.5	6.0	7	<0.1	1.2	0.2	39	0.07	0.062	15
1888612	Soil	1.0	13.7	9.7	42	<0.1	11.6	4.3	113	1.97	10.7	2.6	3.1	8	<0.1	0.8	0.2	39	0.08	0.048	16
1888613	Soil	0.7	16.4	9.7	50	<0.1	14.4	6.2	182	2.06	16.0	6.2	4.9	11	0.1	1.5	0.2	33	0.13	0.057	18
1888614	Soil	0.9	8.2	9.5	38	<0.1	9.3	4.0	162	2.03	13.1	<0.5	0.3	8	<0.1	0.7	0.2	42	0.08	0.087	13
1888615	Soil	0.7	19.1	9.5	53	<0.1	16.6	7.9	249	2.20	15.3	6.5	4.4	10	<0.1	0.9	0.1	32	0.12	0.060	18
1888616	Soil	1.0	17.2	26.0	88	<0.1	14.3	8.0	298	2.45	40.2	3.1	7.5	31	0.1	3.9	0.1	38	0.29	0.071	25
1888617	Soil	1.0	9.2	9.5	40	<0.1	9.4	4.1	142	1.80	10.1	6.7	0.7	9	0.1	0.6	0.2	36	0.08	0.049	13
1888618	Soil	1.2	11.6	11.0	61	<0.1	15.7	7.1	174	2.35	14.7	23.0	5.1	10	0.3	0.9	0.2	43	0.09	0.052	13
1888619	Soil	0.9	12.3	20.7	70	<0.1	13.2	6.9	262	2.47	10.2	2.3	9.9	10	0.2	0.7	0.1	30	0.10	0.036	22
1888620	Soil	0.8	13.3	8.4	46	<0.1	13.7	5.5	164	1.92	9.9	3.4	3.4	15	<0.1	0.7	0.1	34	0.17	0.034	14
1888621	Soil	0.8	12.8	9.3	58	<0.1	16.6	7.3	319	2.22	14.0	5.5	4.6	17	0.1	0.7	0.2	35	0.17	0.072	14
1888622	Soil	1.2	10.5	11.1	90	0.1	15.7	8.0	296	3.12	12.6	1.8	4.4	12	0.2	0.6	0.2	62	0.11	0.053	14
1888623	Soil	1.0	14.3	16.2	76	<0.1	17.6	8.4	437	2.50	12.1	1.8	9.5	13	0.2	1.6	0.1	27	0.15	0.062	22
1888624	Soil	0.8	12.2	19.1	98	<0.1	10.7	7.5	659	2.75	9.7	1.2	12.1	24	0.3	0.8	0.1	34	0.30	0.090	30
1888625	Soil	0.9	10.0	9.7	57	<0.1	14.4	7.3	175	2.37	12.7	12.4	5.1	10	0.1	0.7	0.2	37	0.08	0.036	14
1888626	Soil	0.8	13.8	9.6	47	<0.1	13.6	6.2	173	2.26	12.1	6.9	5.0	11	0.2	0.7	0.2	36	0.09	0.029	14
1888627	Soil	0.7	11.4	16.2	70	<0.1	13.5	8.1	367	2.27	8.2	1.2	6.7	34	<0.1	1.1	0.1	35	0.34	0.047	20
1888628	Soil	1.1	16.2	11.3	70	<0.1	18.4	8.2	252	2.37	12.4	8.0	5.9	20	0.1	0.8	0.2	40	0.15	0.056	15

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Project: Mint
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		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
1888208	Soil		18	0.29	211	0.019	<1	1.18	0.004	0.04	0.2	0.01	1.8	<0.1	<0.05	3	<0.5	<0.2
1888209	Soil		18	0.29	194	0.021	1	0.99	0.005	0.05	0.2	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
1888601	Soil		11	0.09	132	0.017	1	0.89	0.003	0.03	0.1	0.02	1.2	0.1	<0.05	5	<0.5	<0.2
1888602	Soil		17	0.23	87	0.017	<1	0.84	0.003	0.04	0.3	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1888603	Soil		23	0.36	134	0.025	1	1.30	0.005	0.04	0.3	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1888604	Soil		19	0.37	137	0.008	1	1.10	0.004	0.04	0.3	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1888605	Soil		17	0.22	95	0.013	<1	0.94	0.003	0.04	0.2	0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1888606	Soil		23	0.30	146	0.021	1	1.31	0.004	0.04	0.2	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
1888607	Soil		20	0.30	131	0.025	<1	1.20	0.004	0.04	0.3	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1888608	Soil		17	0.23	136	0.011	<1	0.96	0.003	0.04	0.3	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1888609	Soil		27	0.45	282	0.007	4	2.12	0.013	0.12	0.2	0.06	3.5	0.2	0.05	5	0.6	<0.2
1888610	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.
1888611	Soil		21	0.32	60	0.026	1	1.31	0.004	0.04	0.4	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1888612	Soil		21	0.29	109	0.018	1	1.35	0.004	0.04	0.3	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1888613	Soil		22	0.32	81	0.032	1	1.20	0.005	0.04	0.5	0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
1888614	Soil		19	0.28	74	0.009	1	0.97	0.004	0.04	0.3	0.03	0.5	<0.1	<0.05	4	<0.5	<0.2
1888615	Soil		19	0.32	96	0.025	<1	1.08	0.004	0.04	0.4	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1888616	Soil		20	0.35	193	0.010	5	1.33	0.005	0.05	0.3	0.09	4.5	0.2	<0.05	4	<0.5	<0.2
1888617	Soil		18	0.30	106	0.016	2	1.41	0.005	0.04	0.3	0.02	1.2	0.1	<0.05	4	<0.5	<0.2
1888618	Soil		21	0.33	116	0.030	3	1.50	0.004	0.05	0.4	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1888619	Soil		25	0.44	132	0.007	2	1.71	0.004	0.07	0.3	0.03	3.1	0.1	<0.05	5	<0.5	<0.2
1888620	Soil		17	0.31	209	0.021	2	1.06	0.005	0.04	0.4	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
1888621	Soil		20	0.38	228	0.025	2	1.47	0.006	0.05	0.3	0.03	2.4	<0.1	<0.05	4	<0.5	<0.2
1888622	Soil		27	0.43	161	0.035	2	1.76	0.005	0.07	0.3	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
1888623	Soil		20	0.27	188	0.010	4	1.23	0.006	0.08	0.3	0.07	5.7	0.1	<0.05	3	<0.5	<0.2
1888624	Soil		25	0.55	217	0.010	3	2.03	0.011	0.09	0.3	0.09	5.4	0.1	<0.05	6	<0.5	<0.2
1888625	Soil		21	0.38	108	0.024	2	1.42	0.005	0.05	0.3	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
1888626	Soil		22	0.39	145	0.030	2	1.48	0.005	0.05	0.3	0.04	2.6	0.1	<0.05	4	<0.5	<0.2
1888627	Soil		23	0.39	225	0.011	3	1.57	0.007	0.06	0.2	0.15	4.2	0.1	<0.05	4	<0.5	<0.2
1888628	Soil		24	0.44	185	0.031	2	1.81	0.007	0.07	0.4	0.03	2.9	0.1	<0.05	5	<0.5	<0.2

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	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
1888629	Soil	1.0	10.0	12.2	55	0.1	11.6	6.8	168	2.70	10.6	1.8	4.4	12	0.1	0.4	0.2	62	0.11	0.035	14
1888630	Soil	0.6	8.1	8.2	37	<0.1	12.5	5.2	132	2.12	14.7	1.4	3.0	9	<0.1	0.6	0.1	27	0.09	0.042	12
1888631	Soil	0.8	13.3	10.0	42	<0.1	14.8	5.5	134	2.55	13.3	2.4	3.2	10	0.1	0.7	0.2	38	0.11	0.036	14
1888632	Soil	0.7	13.0	12.8	64	0.1	12.7	5.3	198	2.14	15.7	0.7	6.7	22	0.1	0.9	0.2	39	0.28	0.052	20
1888633	Soil	0.7	13.1	12.7	56	0.1	13.1	5.0	182	2.19	14.4	1.7	6.7	21	0.1	0.9	0.2	43	0.25	0.041	20
1888634	Soil	0.7	9.9	10.4	48	0.1	11.7	5.3	224	1.91	11.8	75.2	5.8	19	0.1	0.7	0.1	37	0.23	0.044	23
1888635	Soil	0.9	12.0	9.6	53	<0.1	15.4	6.7	204	2.21	14.2	7.6	5.9	14	<0.1	0.8	0.1	30	0.16	0.063	14
1888636	Soil	1.0	9.8	10.7	56	<0.1	12.1	5.8	215	2.48	13.0	1.4	5.5	14	<0.1	0.7	0.2	49	0.14	0.035	17
1888637	Soil	1.0	12.8	8.7	57	<0.1	14.3	6.8	258	1.97	12.8	12.6	4.1	18	0.1	0.7	0.2	31	0.20	0.061	15
1888638	Soil	0.7	9.8	7.0	43	<0.1	11.4	5.6	264	1.61	9.3	<0.5	4.8	14	<0.1	0.6	0.1	30	0.19	0.058	16
1888651	Soil	1.1	28.2	42.5	148	<0.1	17.3	12.2	960	3.58	22.3	1.5	21.3	31	0.6	5.9	0.1	36	0.45	0.100	54
1888652	Soil	0.7	15.0	9.0	41	<0.1	12.7	4.5	125	1.87	13.7	9.4	1.0	10	<0.1	0.9	0.2	31	0.11	0.045	16
1888653	Soil	0.7	11.4	8.9	39	<0.1	10.7	3.5	101	1.83	12.1	3.0	0.8	8	<0.1	0.7	0.1	33	0.10	0.048	14
1888654	Soil	0.5	3.9	9.1	15	<0.1	4.0	1.3	45	0.81	9.3	1.6	0.2	7	<0.1	0.5	0.2	24	0.05	0.033	16
1888655	Soil	0.7	14.5	8.9	41	<0.1	12.6	5.5	141	1.88	12.7	3.5	2.6	8	<0.1	0.9	0.1	29	0.09	0.046	16
1888656	Soil	0.8	9.0	8.7	37	<0.1	9.9	3.2	89	1.86	10.9	9.1	2.2	8	<0.1	0.6	0.1	31	0.08	0.052	14
1888657	Soil	0.9	19.5	12.1	57	<0.1	17.8	8.6	298	2.34	34.9	3.4	4.1	6	0.2	2.5	0.2	31	0.06	0.039	17
1888658	Soil	0.8	25.8	10.6	51	<0.1	17.7	8.1	206	2.18	25.6	4.6	6.4	7	0.2	1.5	0.2	33	0.05	0.034	17
1888659	Soil	0.9	13.8	10.3	43	<0.1	12.9	6.9	367	2.38	21.1	1.3	4.3	7	<0.1	1.1	0.2	34	0.09	0.097	14
1888660	Soil	1.0	17.5	9.7	53	<0.1	16.0	6.4	199	2.25	14.3	0.6	4.4	8	<0.1	0.9	0.2	38	0.07	0.044	15
1888661	Soil	0.8	14.7	8.3	43	<0.1	14.5	4.9	138	1.88	12.4	3.8	3.5	7	<0.1	0.7	0.1	30	0.07	0.051	13
1888662	Soil	0.7	8.0	8.4	30	<0.1	7.1	2.6	74	1.51	8.8	6.8	0.8	7	<0.1	0.5	0.2	32	0.06	0.071	13
1888663	Soil	1.2	18.7	14.3	64	<0.1	18.7	7.0	241	2.91	23.3	2.9	5.1	12	0.1	2.9	0.2	38	0.10	0.058	19
1888664	Soil	0.8	18.2	10.8	55	<0.1	16.2	6.0	210	2.29	15.8	2.3	4.8	9	0.1	1.7	0.2	31	0.10	0.061	16
1888665	Soil	0.6	7.8	7.6	33	<0.1	9.0	2.9	82	1.57	10.5	24.5	1.8	7	<0.1	0.9	0.2	31	0.06	0.031	15
1888666	Soil	1.1	8.7	13.1	99	<0.1	12.6	5.9	282	2.49	10.1	3.1	2.3	21	0.3	0.9	0.2	48	0.21	0.053	15
1888667	Soil	0.8	14.0	33.6	87	0.1	10.5	6.8	556	2.66	10.2	14.3	18.8	24	0.3	1.9	0.2	16	0.25	0.089	48
1888668	Soil	1.0	13.3	16.2	59	<0.1	13.4	7.2	234	2.48	12.9	29.1	4.4	9	0.2	1.0	0.2	47	0.08	0.035	17
1888669	Soil	0.4	5.5	8.6	20	<0.1	4.6	1.6	50	1.01	5.8	0.7	0.6	7	<0.1	0.3	0.2	28	0.05	0.061	14
1888670	Soil	0.8	10.3	8.7	43	<0.1	11.9	4.1	126	1.91	12.0	5.6	2.6	8	<0.1	0.7	0.2	34	0.07	0.034	13

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	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
1888629	Soil	29	0.33	242	0.034	1	2.18	0.007	0.05	0.2	0.04	3.0	0.2	<0.05	7	<0.5	<0.2
1888630	Soil	17	0.29	96	0.020	1	1.08	0.003	0.03	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1888631	Soil	23	0.38	153	0.025	2	1.52	0.006	0.04	0.2	0.04	2.6	0.1	<0.05	4	<0.5	<0.2
1888632	Soil	21	0.41	253	0.015	5	1.67	0.008	0.05	0.3	0.05	3.4	0.1	<0.05	5	<0.5	<0.2
1888633	Soil	23	0.33	269	0.016	3	1.74	0.009	0.06	0.3	0.06	3.5	0.1	<0.05	5	<0.5	<0.2
1888634	Soil	16	0.30	264	0.016	4	1.32	0.006	0.05	0.4	0.03	2.8	0.1	<0.05	4	<0.5	<0.2
1888635	Soil	19	0.34	113	0.028	2	1.32	0.005	0.05	0.4	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1888636	Soil	24	0.37	236	0.027	2	1.78	0.006	0.05	0.3	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1888637	Soil	19	0.33	154	0.030	2	1.12	0.006	0.06	0.5	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1888638	Soil	16	0.28	137	0.028	2	1.03	0.006	0.05	0.3	0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
1888651	Soil	29	0.39	296	0.006	5	1.57	0.012	0.10	0.5	0.05	8.9	0.1	<0.05	5	<0.5	<0.2
1888652	Soil	17	0.26	93	0.016	1	1.01	0.005	0.03	0.4	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1888653	Soil	21	0.29	65	0.017	2	1.19	0.004	0.04	0.3	0.03	1.1	<0.1	<0.05	4	0.6	<0.2
1888654	Soil	13	0.11	53	0.010	1	0.86	0.004	0.03	0.2	0.04	0.4	0.1	<0.05	5	<0.5	<0.2
1888655	Soil	19	0.28	77	0.022	1	1.22	0.004	0.03	0.3	0.05	1.8	<0.1	<0.05	3	<0.5	<0.2
1888656	Soil	21	0.27	76	0.022	1	1.23	0.004	0.04	0.3	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
1888657	Soil	23	0.34	85	0.024	1	1.70	0.004	0.04	0.8	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2
1888658	Soil	22	0.36	127	0.033	2	1.55	0.005	0.05	0.6	0.04	3.2	<0.1	<0.05	4	<0.5	<0.2
1888659	Soil	18	0.22	49	0.029	1	0.79	0.003	0.03	0.9	<0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1888660	Soil	24	0.36	100	0.031	1	1.51	0.004	0.04	0.4	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1888661	Soil	20	0.33	88	0.022	<1	1.35	0.004	0.03	0.5	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1888662	Soil	19	0.22	66	0.016	<1	1.06	0.004	0.03	0.3	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1888663	Soil	23	0.38	145	0.021	2	1.51	0.005	0.05	0.4	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
1888664	Soil	23	0.39	110	0.024	<1	1.24	0.005	0.04	0.5	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1888665	Soil	14	0.24	66	0.012	1	0.88	0.003	0.03	0.4	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
1888666	Soil	21	0.33	215	0.016	2	1.28	0.005	0.08	0.2	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
1888667	Soil	10	0.18	209	0.003	4	0.74	0.006	0.09	0.4	0.35	5.5	0.1	<0.05	2	<0.5	<0.2
1888668	Soil	26	0.37	161	0.014	1	1.78	0.006	0.05	0.3	0.05	2.7	0.1	<0.05	5	<0.5	<0.2
1888669	Soil	13	0.16	77	0.014	<1	0.96	0.003	0.03	0.1	0.03	0.8	0.1	<0.05	5	<0.5	<0.2
1888670	Soil	17	0.28	69	0.020	1	1.09	0.003	0.04	0.3	0.03	1.8	0.3	<0.05	3	<0.5	<0.2

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Project: Mint
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CERTIFICATE OF ANALYSIS WHI19000050.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
1888671	Soil	1.0	9.6	10.9	42	<0.1	11.6	5.1	163	2.26	13.7	0.5	4.1	8	0.1	0.8	0.2	45	0.05	0.030	15
1888672	Soil	1.1	9.0	10.7	42	<0.1	10.7	4.4	153	2.15	13.3	2.0	3.4	7	0.1	0.8	0.2	43	0.05	0.031	14
1888673	Soil	0.7	15.0	16.1	57	<0.1	15.3	7.7	258	2.60	10.9	1.2	8.3	13	0.2	0.8	0.2	41	0.10	0.033	16
1888674	Soil	0.9	6.3	10.7	23	<0.1	5.5	2.3	75	1.71	8.3	<0.5	4.3	9	<0.1	0.6	0.2	47	0.06	0.018	16
1888675	Soil	0.5	17.1	17.5	70	<0.1	17.9	8.7	470	2.71	11.3	<0.5	13.6	22	0.1	1.2	0.1	48	0.35	0.050	25
1888676	Soil	0.9	19.9	11.0	47	<0.1	15.5	7.4	255	2.48	14.2	1.6	6.3	8	<0.1	0.9	0.2	38	0.06	0.024	16
1888677	Soil	0.7	31.6	11.0	56	<0.1	30.7	12.1	390	2.24	23.3	5.4	9.3	9	0.1	1.8	2.1	28	0.07	0.041	31
1888678	Soil	0.9	17.0	8.9	54	<0.1	17.0	6.8	217	2.24	16.1	4.5	6.0	8	0.1	1.1	0.2	30	0.05	0.031	17
1888679	Soil	0.9	17.6	10.4	52	<0.1	17.4	6.9	205	2.39	19.1	19.2	5.9	7	0.2	1.0	0.3	33	0.04	0.029	16
1888680	Soil	0.7	7.1	11.7	26	<0.1	7.1	2.9	86	1.99	9.8	<0.5	1.5	8	<0.1	0.5	0.2	48	0.06	0.055	14
1888681	Soil	0.6	9.1	8.6	32	<0.1	9.1	3.2	84	1.84	10.9	34.7	0.9	6	<0.1	0.6	0.1	31	0.05	0.027	13
1888682	Soil	0.9	22.0	9.8	51	<0.1	20.8	9.5	401	2.15	14.6	<0.5	6.3	12	0.1	1.1	0.2	29	0.11	0.053	20
1888683	Soil	0.9	11.9	10.3	40	<0.1	13.3	5.2	130	2.36	13.7	<0.5	3.6	8	<0.1	0.9	0.2	38	0.06	0.029	15
1888684	Soil	0.8	14.3	10.6	40	<0.1	11.9	5.2	138	2.31	10.8	7.1	3.4	9	<0.1	0.8	0.2	42	0.07	0.033	16
1888685	Soil	1.1	18.9	13.6	66	<0.1	19.0	7.1	172	2.69	17.7	11.8	5.7	9	0.2	1.1	0.2	44	0.07	0.026	14
1888686	Soil	0.6	18.6	10.6	59	<0.1	17.4	7.0	282	2.16	14.8	<0.5	7.8	20	0.1	1.9	0.2	30	0.21	0.073	24
1888687	Soil	0.8	25.9	14.1	71	0.1	21.5	9.7	409	2.59	19.8	2.1	7.2	34	0.2	3.0	0.2	42	0.32	0.068	27
1888688	Soil	0.4	13.7	8.5	50	<0.1	13.5	5.4	206	1.63	11.2	5.9	4.9	24	0.2	1.6	0.1	30	0.27	0.066	19
1888689	Soil	0.5	17.2	9.6	48	<0.1	13.6	4.6	134	1.71	11.1	<0.5	1.9	14	0.2	1.1	0.2	34	0.12	0.038	18
1888690	Soil	0.4	17.8	9.3	46	<0.1	16.3	6.3	175	2.09	11.9	4.9	6.8	13	<0.1	1.4	0.2	36	0.09	0.023	20
1888691	Soil	0.9	19.3	17.4	73	<0.1	20.3	8.3	354	2.55	16.2	<0.5	8.7	28	0.1	1.5	0.2	35	0.27	0.062	34
1888692	Soil	0.7	16.4	11.0	66	<0.1	15.7	5.9	231	2.00	15.9	<0.5	7.5	28	0.2	1.7	0.2	30	0.29	0.060	23
1888693	Soil	0.7	16.4	14.8	67	<0.1	15.7	7.1	314	2.39	19.5	2.1	10.5	44	0.1	2.1	0.2	33	0.44	0.076	38
1888694	Soil	0.6	21.4	14.2	68	<0.1	19.3	7.7	297	2.51	20.0	<0.5	11.1	24	0.1	1.9	0.2	30	0.23	0.062	32
1888695	Soil	1.0	18.2	15.9	78	<0.1	21.3	11.5	534	2.71	16.1	1.1	9.1	15	0.2	1.2	0.2	44	0.15	0.076	16
1888696	Soil	0.8	14.2	10.1	47	<0.1	13.3	5.7	174	2.11	13.9	14.2	6.4	12	0.2	0.9	0.1	34	0.10	0.046	17
1888697	Soil	0.9	15.5	12.9	73	<0.1	18.0	7.7	272	2.21	17.9	20.7	6.5	29	0.2	1.5	0.2	42	0.25	0.075	21
1888698	Soil	0.4	20.3	13.2	50	<0.1	16.7	7.8	359	1.96	21.0	0.9	8.4	16	0.1	2.0	0.2	22	0.17	0.053	25
1888699	Soil	1.0	19.6	12.8	57	<0.1	18.2	8.9	354	2.54	17.6	1.9	8.6	10	0.1	1.2	0.2	36	0.08	0.045	20
1888700	Soil	0.7	23.0	11.5	67	<0.1	19.4	7.9	325	2.27	14.3	<0.5	7.7	22	0.2	1.4	0.2	38	0.23	0.073	25

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		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
1888671	Soil		21	0.28	95	0.027	<1	1.38	0.004	0.04	0.3	0.03	2.2	0.2	<0.05	5	<0.5	<0.2
1888672	Soil		20	0.27	92	0.025	1	1.41	0.004	0.04	0.3	0.04	2.0	0.1	<0.05	5	<0.5	<0.2
1888673	Soil		28	0.50	151	0.054	1	2.13	0.005	0.04	0.4	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1888674	Soil		19	0.18	92	0.027	<1	1.32	0.004	0.03	0.3	0.03	2.1	0.2	<0.05	6	<0.5	<0.2
1888675	Soil		34	0.66	185	0.104	1	2.01	0.007	0.05	0.7	0.03	6.2	<0.1	<0.05	6	<0.5	<0.2
1888676	Soil		23	0.35	124	0.027	<1	1.43	0.004	0.04	0.2	0.05	3.2	<0.1	<0.05	4	0.5	<0.2
1888677	Soil		22	0.35	126	0.020	<1	1.01	0.005	0.05	0.3	0.04	3.9	<0.1	<0.05	3	<0.5	<0.2
1888678	Soil		17	0.28	80	0.020	<1	0.95	0.003	0.05	0.3	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1888679	Soil		18	0.31	110	0.025	<1	1.08	0.003	0.04	0.4	<0.01	2.1	<0.1	<0.05	3	<0.5	<0.2
1888680	Soil		19	0.23	95	0.022	<1	1.17	0.004	0.03	0.2	0.02	1.7	0.1	<0.05	5	<0.5	<0.2
1888681	Soil		19	0.27	73	0.015	<1	1.00	0.003	0.03	0.2	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1888682	Soil		17	0.30	162	0.024	<1	0.99	0.004	0.04	0.4	0.03	3.3	<0.1	<0.05	3	<0.5	<0.2
1888683	Soil		23	0.32	120	0.023	<1	1.42	0.004	0.04	0.2	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
1888684	Soil		25	0.35	118	0.027	<1	1.46	0.005	0.03	0.2	0.04	3.2	0.1	<0.05	4	<0.5	<0.2
1888685	Soil		24	0.38	120	0.030	<1	1.44	0.004	0.05	0.4	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2
1888686	Soil		19	0.35	149	0.030	2	1.14	0.007	0.07	0.3	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2
1888687	Soil		26	0.46	253	0.043	2	1.46	0.014	0.08	0.3	0.03	4.3	<0.1	<0.05	4	<0.5	<0.2
1888688	Soil		17	0.32	120	0.031	1	0.95	0.010	0.06	0.3	0.03	2.5	<0.1	<0.05	3	<0.5	<0.2
1888689	Soil		19	0.32	146	0.019	2	1.10	0.006	0.05	0.2	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
1888690	Soil		23	0.37	116	0.033	1	1.34	0.006	0.04	0.3	0.05	3.0	<0.1	<0.05	4	<0.5	<0.2
1888691	Soil		25	0.46	251	0.030	2	1.42	0.009	0.11	0.4	0.04	3.4	0.1	<0.05	4	<0.5	<0.2
1888692	Soil		21	0.34	151	0.020	4	1.24	0.009	0.07	0.5	0.03	3.2	<0.1	<0.05	3	<0.5	<0.2
1888693	Soil		22	0.40	197	0.023	3	1.38	0.010	0.07	0.4	0.04	3.9	<0.1	<0.05	4	<0.5	<0.2
1888694	Soil		21	0.41	155	0.016	3	1.49	0.008	0.09	0.3	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2
1888695	Soil		26	0.42	131	0.052	1	1.85	0.005	0.05	0.4	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
1888696	Soil		19	0.28	97	0.023	2	1.17	0.004	0.04	0.5	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1888697	Soil		22	0.37	179	0.031	3	1.37	0.010	0.05	0.7	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
1888698	Soil		15	0.29	124	0.026	1	0.85	0.007	0.05	0.4	0.02	2.4	<0.1	<0.05	2	<0.5	<0.2
1888699	Soil		22	0.37	129	0.031	2	1.44	0.005	0.05	0.5	0.02	3.0	<0.1	<0.05	3	<0.5	<0.2
1888700	Soil		23	0.37	245	0.040	1	1.21	0.008	0.05	0.6	0.04	3.7	<0.1	<0.05	3	<0.5	<0.2

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	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
1888701	Soil	1.0	12.2	12.5	49	<0.1	15.1	7.5	284	2.69	14.9	7.0	5.4	5	0.2	1.0	0.2	33	0.04	0.043	12
1888702	Soil	1.2	7.9	16.2	67	<0.1	10.2	5.5	244	2.45	11.3	23.9	2.6	8	<0.1	1.0	0.6	24	0.05	0.062	25
1888703	Soil	1.4	7.9	9.3	39	<0.1	11.3	4.7	120	2.65	15.9	<0.5	2.0	6	<0.1	0.7	0.3	39	0.05	0.057	13
1888704	Soil	1.5	7.5	11.5	43	<0.1	10.4	4.7	138	2.70	11.1	<0.5	2.0	8	<0.1	0.6	0.2	52	0.07	0.035	10
1888705	Soil	1.6	17.0	13.0	71	0.1	20.4	12.0	303	3.14	14.0	3.3	5.0	9	0.2	0.9	0.3	61	0.08	0.027	12
1888706	Soil	1.0	6.8	9.7	28	<0.1	6.9	3.1	113	2.13	8.9	1.6	1.0	6	0.1	0.4	1.1	45	0.05	0.034	12
1888707	Soil	1.3	10.3	12.1	51	<0.1	12.9	6.6	238	2.75	10.8	4.6	3.0	12	0.3	0.6	0.3	50	0.12	0.028	12
1888708	Soil	1.5	7.5	11.2	40	<0.1	10.0	4.3	141	2.52	10.0	1.5	2.9	8	0.1	0.5	0.2	46	0.07	0.027	11
1888709	Soil	1.3	13.4	11.1	48	<0.1	17.2	7.5	192	2.80	12.7	1.8	3.9	10	0.1	0.7	0.3	52	0.10	0.034	12
1888710	Soil	1.1	9.4	9.9	47	<0.1	14.5	6.5	180	2.23	19.1	6.1	4.3	7	0.2	0.7	0.2	33	0.07	0.039	13
1888711	Soil	1.7	9.9	11.4	104	<0.1	13.8	8.4	394	3.17	14.3	1.0	4.3	7	0.2	0.8	0.2	61	0.06	0.060	12
1888712	Soil	0.9	15.1	9.0	46	<0.1	15.2	5.9	157	2.59	18.4	2.4	4.6	7	0.1	1.2	0.2	32	0.06	0.038	11
1888713	Soil	1.1	8.4	11.4	34	0.2	8.6	3.5	111	2.27	10.9	2.2	1.5	7	0.1	0.5	0.2	52	0.06	0.046	11
1888714	Soil	1.4	8.5	12.8	55	0.1	10.3	4.8	136	2.61	13.9	5.1	5.5	8	<0.1	0.9	0.2	50	0.06	0.036	13
1888715	Soil	1.1	15.5	12.2	64	<0.1	19.2	9.1	220	2.75	13.8	2.0	3.7	12	0.4	0.8	0.2	46	0.11	0.053	12
1888716	Soil	1.0	7.4	10.1	36	<0.1	10.8	4.6	102	2.03	10.2	2.1	2.3	7	0.1	0.5	0.2	46	0.06	0.030	11
1888717	Soil	1.2	8.3	12.8	46	0.2	10.8	6.0	202	2.66	11.8	1.0	3.5	7	0.2	0.7	0.2	53	0.07	0.038	10
1888718	Soil	0.9	9.0	13.3	45	<0.1	10.9	4.7	121	1.96	8.9	0.9	4.9	15	<0.1	1.2	0.1	29	0.15	0.024	19
1888719	Soil	1.0	8.0	12.5	56	<0.1	12.5	5.9	204	2.28	10.2	0.7	2.7	16	0.1	0.7	0.1	40	0.20	0.038	14
1888720	Soil	0.9	8.3	9.2	37	<0.1	10.3	3.8	126	2.04	11.3	9.5	1.9	7	<0.1	0.7	0.2	32	0.08	0.065	14
1888721	Soil	1.0	14.8	9.9	47	<0.1	14.3	6.0	153	2.21	12.3	2.6	3.0	7	<0.1	1.0	0.2	38	0.06	0.050	14
1888722	Soil	0.6	10.5	9.2	36	<0.1	9.7	3.5	92	1.88	9.8	1.2	0.8	8	<0.1	0.8	0.2	32	0.09	0.042	13
1888723	Soil	0.8	11.8	8.8	42	<0.1	11.6	3.7	117	1.84	12.2	29.7	1.6	8	<0.1	0.8	0.2	30	0.08	0.052	14
1888724	Soil	0.8	15.3	10.5	47	<0.1	14.1	7.3	188	2.23	14.2	2.2	6.1	7	<0.1	1.1	0.2	34	0.07	0.036	19
1888725	Soil	0.8	9.1	9.8	36	<0.1	10.6	3.7	90	2.22	10.6	1.6	3.0	7	<0.1	0.5	0.2	37	0.07	0.031	13
1888726	Soil	0.7	11.6	8.3	37	<0.1	12.1	4.2	121	1.81	10.1	38.9	2.7	5	<0.1	0.5	0.2	27	0.04	0.034	22
1888727	Soil	0.9	8.4	9.1	40	<0.1	12.4	4.2	108	2.12	11.0	1.6	2.7	7	<0.1	0.6	0.2	39	0.06	0.032	12
1888728	Soil	0.8	7.5	10.0	31	<0.1	8.2	3.1	80	2.03	9.6	6.1	1.6	7	<0.1	0.4	0.2	39	0.06	0.033	14
1888729	Soil	1.0	10.4	10.1	43	<0.1	12.0	5.2	159	2.37	12.4	1.9	2.6	7	0.1	0.6	0.2	35	0.06	0.033	14
1888730	Soil	1.2	11.0	10.0	48	<0.1	14.2	5.9	184	2.49	13.7	16.5	2.9	7	0.1	0.7	0.2	37	0.06	0.038	14

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1888701	Soil	22	0.32	94	0.019	2	1.35	0.004	0.03	0.3	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1888702	Soil	15	0.18	63	0.007	3	0.79	0.004	0.07	0.2	0.43	1.7	<0.1	<0.05	2	<0.5	<0.2
1888703	Soil	18	0.25	101	0.019	2	1.01	0.004	0.04	0.2	0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
1888704	Soil	24	0.29	118	0.027	1	1.68	0.005	0.03	0.2	0.02	1.9	0.1	<0.05	6	<0.5	<0.2
1888705	Soil	35	0.43	227	0.035	2	1.93	0.006	0.05	0.2	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
1888706	Soil	19	0.17	80	0.018	2	1.20	0.004	0.03	0.2	0.02	1.4	0.1	<0.05	5	<0.5	<0.2
1888707	Soil	26	0.30	192	0.029	1	1.51	0.007	0.04	0.2	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
1888708	Soil	20	0.27	133	0.024	2	1.37	0.004	0.04	0.2	0.02	1.9	0.1	<0.05	5	<0.5	<0.2
1888709	Soil	28	0.33	190	0.033	1	1.53	0.005	0.04	0.2	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
1888710	Soil	19	0.30	111	0.025	1	1.16	0.003	0.03	0.3	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1888711	Soil	29	0.39	117	0.037	1	1.83	0.005	0.04	0.3	0.02	2.3	0.1	<0.05	6	<0.5	<0.2
1888712	Soil	22	0.36	76	0.030	2	1.45	0.004	0.03	0.5	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1888713	Soil	22	0.22	90	0.024	2	1.49	0.004	0.03	0.2	0.04	1.6	0.1	<0.05	5	<0.5	<0.2
1888714	Soil	26	0.32	104	0.018	1	1.81	0.004	0.03	0.3	0.05	2.6	0.1	<0.05	5	<0.5	<0.2
1888715	Soil	26	0.35	163	0.027	2	1.96	0.005	0.04	0.3	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1888716	Soil	24	0.28	106	0.024	1	1.15	0.004	0.03	0.3	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1888717	Soil	25	0.23	108	0.018	1	1.58	0.005	0.03	0.3	0.05	1.9	<0.1	<0.05	5	<0.5	<0.2
1888718	Soil	17	0.24	147	0.007	2	1.16	0.004	0.06	0.2	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
1888719	Soil	19	0.28	161	0.017	2	1.00	0.004	0.07	0.3	0.02	2.0	0.1	<0.05	4	<0.5	<0.2
1888720	Soil	20	0.28	73	0.019	1	1.11	0.004	0.03	0.4	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
1888721	Soil	22	0.34	110	0.024	2	1.33	0.004	0.03	0.3	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1888722	Soil	18	0.26	87	0.015	<1	1.05	0.004	0.03	0.2	0.04	1.0	<0.1	<0.05	4	<0.5	<0.2
1888723	Soil	19	0.28	71	0.019	<1	1.07	0.004	0.03	0.5	0.04	1.3	<0.1	<0.05	3	0.5	<0.2
1888724	Soil	26	0.35	123	0.025	<1	1.27	0.004	0.03	0.5	0.04	2.7	<0.1	<0.05	3	<0.5	<0.2
1888725	Soil	20	0.23	95	0.023	1	1.28	0.003	0.03	0.4	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1888726	Soil	17	0.27	67	0.014	1	1.10	0.003	0.03	0.5	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1888727	Soil	22	0.29	102	0.022	1	1.22	0.004	0.03	0.3	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1888728	Soil	19	0.22	89	0.020	<1	1.14	0.004	0.03	0.3	0.02	1.4	0.1	<0.05	5	<0.5	<0.2
1888729	Soil	21	0.29	97	0.021	<1	1.15	0.004	0.04	0.3	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1888730	Soil	22	0.29	99	0.022	1	1.31	0.004	0.04	0.3	0.01	1.8	0.1	<0.05	4	<0.5	<0.2

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Project: Mint
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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
1888731	Soil	0.6	14.7	7.9	45	<0.1	18.1	5.5	118	2.17	27.0	5.6	2.8	6	0.1	1.2	0.6	23	0.04	0.030	18
1888732	Soil	1.1	14.9	7.3	45	<0.1	16.6	6.3	142	2.41	23.3	1.4	7.0	6	<0.1	0.9	0.4	30	0.05	0.022	19
1888733	Soil	1.0	13.0	6.9	42	<0.1	16.3	6.1	163	2.10	26.0	1.7	5.2	10	<0.1	0.7	0.4	31	0.09	0.025	25
1888739	Soil	0.8	8.6	8.6	36	<0.1	12.4	5.1	198	1.72	7.2	<0.5	3.6	11	<0.1	0.5	0.1	31	0.12	0.030	12
1888740	Soil	0.8	13.2	7.9	42	<0.1	17.0	6.4	175	1.93	13.8	4.6	3.9	11	<0.1	0.8	0.1	28	0.10	0.040	11
1888741	Soil	0.6	16.0	7.6	43	<0.1	16.2	5.2	132	1.79	15.9	7.0	5.2	11	<0.1	0.9	0.2	30	0.10	0.039	12
1888742	Soil	0.7	12.3	9.5	54	<0.1	16.7	5.6	136	2.15	11.0	7.4	5.0	18	<0.1	0.7	0.1	38	0.17	0.032	14
1888743	Soil	1.0	14.8	12.9	56	<0.1	16.9	5.7	166	2.11	15.6	2.1	7.4	18	<0.1	1.0	0.2	44	0.18	0.034	16
1888744	Soil	0.6	11.9	7.9	36	<0.1	13.7	5.1	127	1.86	14.9	1.7	4.1	10	<0.1	0.7	0.1	20	0.11	0.055	11
1888745	Soil	1.1	17.9	10.9	57	<0.1	14.1	6.2	342	2.13	28.9	5.1	9.1	55	0.1	1.6	0.1	39	0.47	0.046	29
1888746	Soil	1.5	16.8	10.6	57	<0.1	15.2	7.2	487	2.08	14.2	2.1	3.7	52	0.2	0.7	0.4	37	0.52	0.072	19
1888747	Soil	1.4	13.7	14.6	65	0.2	12.2	6.4	226	2.17	15.8	18.8	5.4	23	0.2	0.9	0.2	41	0.22	0.036	17
1888748	Soil	1.5	9.7	7.2	45	0.1	11.4	3.8	129	1.84	14.9	2.2	1.2	16	0.1	0.9	0.2	39	0.13	0.036	10
1888749	Soil	0.8	6.4	8.7	50	0.1	8.9	6.0	268	1.72	6.0	4.1	2.1	11	0.1	0.3	0.1	39	0.10	0.026	10
1888750	Soil	0.8	8.0	10.1	75	<0.1	14.0	6.2	257	2.23	7.2	7.2	3.1	20	0.2	0.6	0.1	43	0.26	0.087	12
1888751	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.
1888752	Soil	0.8	16.1	10.6	47	<0.1	17.5	9.4	243	2.44	13.0	3.0	5.6	6	0.1	0.8	0.2	29	0.06	0.025	12
1888753	Soil	0.8	29.6	9.1	66	<0.1	20.8	7.8	254	3.01	11.5	2.3	9.4	8	<0.1	0.9	0.2	32	0.05	0.036	32
1888754	Soil	0.9	11.9	7.6	45	<0.1	14.2	6.9	172	2.10	15.4	22.9	3.6	6	<0.1	0.7	0.2	31	0.05	0.027	13
1888755	Soil	0.7	20.8	10.4	45	<0.1	21.9	9.7	179	2.28	15.4	3.4	6.3	7	<0.1	0.8	0.2	31	0.08	0.038	14
1888756	Soil	0.8	12.6	8.5	41	<0.1	12.2	4.4	120	1.99	11.3	3.0	4.5	7	<0.1	0.5	0.2	31	0.07	0.031	20
1888757	Soil	0.9	18.9	10.9	51	<0.1	18.8	7.2	154	2.68	13.2	2.0	6.7	9	<0.1	0.8	0.3	32	0.05	0.019	23
1888758	Soil	0.8	18.7	9.5	46	<0.1	15.6	5.8	177	2.13	70.5	3.1	2.7	8	<0.1	0.7	1.6	36	0.07	0.022	16
1888759	Soil	0.8	16.8	9.6	41	<0.1	11.9	4.6	129	2.06	11.2	3.5	2.9	8	<0.1	0.6	0.3	38	0.08	0.019	13
1888760	Soil	1.2	16.6	10.5	49	<0.1	16.5	6.8	223	2.56	18.4	1.5	4.1	11	<0.1	0.8	0.5	38	0.12	0.033	12
1888761	Soil	0.9	13.1	10.0	46	<0.1	16.2	7.5	225	2.32	14.8	3.0	6.3	10	<0.1	0.9	0.1	34	0.10	0.031	13
1888762	Soil	1.0	13.7	10.7	71	<0.1	18.7	6.6	197	2.35	14.3	2.1	5.0	29	0.2	1.3	0.2	49	0.15	0.044	13
1888763	Soil	1.2	24.0	11.7	59	<0.1	18.1	10.3	329	2.71	14.5	3.5	5.8	11	<0.1	1.1	0.2	51	0.09	0.024	22
1888764	Soil	0.9	12.3	9.3	45	0.1	16.8	6.7	154	2.20	14.2	1.9	4.4	11	<0.1	0.9	0.1	35	0.10	0.024	12
1888765	Soil	0.7	14.8	13.1	61	<0.1	13.0	6.7	227	1.98	18.4	13.0	7.2	15	<0.1	1.7	0.1	28	0.15	0.040	15

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		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
1888731	Soil		15	0.24	78	0.012	2	1.05	0.003	0.03	0.3	0.06	1.4	<0.1	<0.05	3	<0.5	<0.2
1888732	Soil		20	0.27	111	0.016	1	1.36	0.003	0.03	0.3	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
1888733	Soil		19	0.32	97	0.013	1	1.13	0.003	0.03	0.2	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1888739	Soil		15	0.26	173	0.025	1	0.81	0.004	0.08	0.3	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
1888740	Soil		17	0.28	173	0.019	1	0.92	0.003	0.05	0.4	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1888741	Soil		16	0.27	124	0.021	1	1.06	0.004	0.04	0.4	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1888742	Soil		22	0.34	209	0.030	2	1.17	0.006	0.05	0.3	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1888743	Soil		25	0.38	195	0.043	2	1.66	0.006	0.06	0.3	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
1888744	Soil		13	0.23	65	0.016	2	0.71	0.003	0.03	0.3	<0.01	1.3	<0.1	<0.05	2	<0.5	<0.2
1888745	Soil		23	0.40	243	0.037	2	1.47	0.014	0.09	0.4	0.04	3.6	<0.1	<0.05	5	<0.5	<0.2
1888746	Soil		20	0.34	318	0.010	3	1.13	0.010	0.05	0.3	0.05	2.6	0.1	<0.05	4	<0.5	<0.2
1888747	Soil		24	0.37	200	0.016	4	1.46	0.008	0.06	0.3	0.03	3.1	0.1	<0.05	5	<0.5	<0.2
1888748	Soil		18	0.24	123	0.023	2	1.04	0.005	0.04	0.4	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1888749	Soil		17	0.24	184	0.024	<1	1.03	0.005	0.04	0.2	<0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
1888750	Soil		23	0.40	215	0.044	2	1.43	0.005	0.06	0.4	0.01	2.4	<0.1	<0.05	6	<0.5	<0.2
1888751	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.
1888752	Soil		25	0.35	116	0.022	1	1.57	0.004	0.03	0.2	0.04	2.4	<0.1	<0.05	3	<0.5	<0.2
1888753	Soil		26	0.50	132	0.016	<1	1.43	0.004	0.03	0.2	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
1888754	Soil		18	0.29	76	0.020	1	0.95	0.004	0.03	0.3	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1888755	Soil		21	0.33	86	0.022	2	1.42	0.005	0.04	0.3	0.04	2.3	<0.1	<0.05	3	<0.5	<0.2
1888756	Soil		22	0.24	124	0.018	1	1.19	0.005	0.04	0.2	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
1888757	Soil		20	0.26	128	0.014	1	1.26	0.004	0.04	0.2	0.01	2.1	0.1	<0.05	3	<0.5	<0.2
1888758	Soil		23	0.34	188	0.020	1	1.32	0.005	0.04	0.2	0.04	2.9	0.1	<0.05	4	<0.5	<0.2
1888759	Soil		23	0.29	179	0.021	<1	1.33	0.005	0.03	0.2	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
1888760	Soil		24	0.36	151	0.019	1	1.19	0.005	0.05	0.3	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
1888761	Soil		24	0.36	136	0.026	1	1.61	0.006	0.03	0.3	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
1888762	Soil		25	0.44	117	0.038	2	1.53	0.009	0.04	0.5	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
1888763	Soil		30	0.48	290	0.032	2	1.79	0.007	0.04	0.2	0.05	5.7	0.1	<0.05	5	0.7	<0.2
1888764	Soil		22	0.35	134	0.023	1	1.33	0.005	0.03	0.3	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1888765	Soil		22	0.34	168	0.015	2	1.41	0.005	0.04	0.4	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2

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Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7 Canada

Project: Mint
Report Date: September 11, 2019

CERTIFICATE OF ANALYSIS WHI19000050.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
1888766	Soil		0.8	9.2	8.9	43	<0.1	11.5	4.2	114	1.87	11.9	9.8	3.1	9	<0.1	0.6	0.1	35	0.10	0.036	12
1888767	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.
1888768	Soil		0.8	17.4	15.3	47	0.2	12.7	3.8	119	1.72	12.8	3.0	0.3	13	0.2	1.5	0.2	30	0.14	0.089	16
1888769	Soil		0.6	20.0	20.5	64	0.1	22.9	9.0	433	2.52	27.8	3.6	7.3	9	0.2	7.3	0.3	17	0.11	0.055	23
1888770	Soil		0.5	16.8	12.6	52	<0.1	15.8	6.8	269	1.82	13.6	12.6	6.8	12	<0.1	2.4	0.2	26	0.13	0.044	23
1888771	Soil		0.9	9.6	9.0	45	0.1	10.5	3.6	184	1.55	8.2	1.0	1.9	15	0.2	0.6	0.2	38	0.12	0.032	16
1888772	Soil		0.7	13.7	14.9	65	0.1	14.5	6.8	214	1.78	7.1	29.3	6.2	26	0.1	0.9	0.1	32	0.34	0.073	27
1888773	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.
1888774	Soil		0.9	4.7	9.7	27	<0.1	6.1	3.2	147	1.58	7.9	1.7	3.7	6	<0.1	0.4	0.2	31	0.07	0.022	13
1888775	Soil		3.3	10.9	7.1	48	0.1	11.8	9.7	1338	1.62	18.9	0.9	2.3	87	0.3	0.8	0.2	33	1.02	0.085	11
1888776	Soil		1.0	9.9	29.7	93	<0.1	12.2	9.5	707	2.74	19.8	6.2	1.8	11	0.2	2.1	0.2	40	0.11	0.075	29
1888777	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.
1888778	Soil		1.0	8.2	11.6	45	<0.1	11.6	4.2	147	2.20	11.8	15.0	1.7	10	0.1	0.6	0.2	39	0.09	0.045	12
1888779	Soil		1.3	8.9	14.7	76	<0.1	15.8	6.9	315	3.04	17.2	3.6	5.3	19	0.3	0.8	0.2	53	0.20	0.068	13
1888780	Soil		0.9	4.8	12.3	38	<0.1	6.6	2.7	141	1.70	8.3	1.6	1.2	15	0.2	0.4	0.2	44	0.12	0.060	12
1888781	Soil		1.1	10.7	13.4	65	<0.1	13.6	7.3	477	2.46	10.2	3.6	2.7	15	0.3	0.7	0.2	39	0.17	0.078	21
1888782	Soil		0.9	17.1	16.7	67	<0.1	19.0	8.8	420	2.40	13.2	21.2	10.1	18	0.1	1.3	0.2	34	0.13	0.046	21
1888783	Soil		0.8	16.5	16.9	76	<0.1	18.9	9.6	492	2.31	12.1	4.3	10.7	20	0.2	1.3	0.1	32	0.14	0.043	23
1888784	Soil		0.7	26.8	11.3	54	<0.1	20.9	9.7	251	2.54	12.6	3.8	7.1	10	0.1	0.9	0.2	37	0.10	0.042	19
1888785	Soil		1.1	13.1	14.9	63	<0.1	18.2	9.5	415	2.87	16.4	2.8	5.4	7	0.2	1.0	0.2	37	0.05	0.038	15
1888786	Soil		0.8	28.2	12.2	55	<0.1	20.9	13.1	418	2.69	13.2	4.8	6.9	12	<0.1	0.9	0.2	40	0.12	0.051	18
1888787	Soil		0.6	17.7	24.7	114	<0.1	19.1	12.1	772	3.38	7.9	2.4	18.2	23	0.4	1.3	0.1	45	0.22	0.064	31
1888788	Soil		1.1	21.1	17.6	72	<0.1	20.3	11.0	398	2.77	13.0	2.6	9.0	10	0.1	1.1	0.2	35	0.06	0.030	21
1888789	Soil		1.4	10.5	12.5	62	<0.1	16.1	7.6	272	2.96	15.8	2.4	5.9	10	0.2	0.8	0.2	55	0.08	0.042	15
1888790	Soil		1.2	15.3	21.7	119	<0.1	19.0	11.0	439	3.38	13.8	19.8	13.0	11	0.4	1.1	0.2	54	0.12	0.048	17
1888791	Soil		1.2	10.2	12.7	58	<0.1	13.9	7.6	246	2.74	14.1	2.1	6.2	7	0.1	0.9	0.2	29	0.06	0.037	14
1888792	Soil		1.2	13.2	14.4	73	<0.1	20.1	10.2	264	2.53	13.5	2.0	7.1	8	0.4	1.0	0.2	39	0.07	0.033	16
1888793	Soil		2.0	20.2	14.1	63	0.1	17.9	9.0	286	2.99	14.0	4.4	6.1	13	0.2	0.9	0.2	62	0.10	0.026	18
1888794	Soil		1.1	10.6	10.9	50	<0.1	15.5	6.4	206	2.54	14.6	5.0	4.8	12	0.1	0.9	0.2	46	0.11	0.036	14
1888795	Soil		0.9	12.8	11.2	55	<0.1	16.3	6.6	165	2.38	14.8	11.0	6.3	13	0.1	1.3	0.2	35	0.13	0.041	16

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1888766	Soil	19	0.29	121	0.018	1	1.16	0.005	0.03	0.4	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1888767	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.
1888768	Soil	20	0.26	131	0.008	2	1.18	0.008	0.05	0.2	0.11	0.6	<0.1	<0.05	3	<0.5	<0.2
1888769	Soil	18	0.35	89	0.014	2	1.16	0.005	0.04	0.4	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1888770	Soil	20	0.36	104	0.024	2	1.11	0.007	0.05	0.4	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
1888771	Soil	19	0.26	160	0.029	1	1.12	0.008	0.04	0.5	0.08	1.9	<0.1	<0.05	4	<0.5	<0.2
1888772	Soil	20	0.31	267	0.011	2	1.12	0.008	0.05	0.5	0.08	4.5	0.1	<0.05	3	<0.5	<0.2
1888773	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.
1888774	Soil	15	0.20	63	0.026	1	0.94	0.005	0.03	0.3	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1888775	Soil	18	0.29	295	0.015	3	0.95	0.008	0.04	0.4	0.06	2.6	0.2	0.10	3	0.5	<0.2
1888776	Soil	25	0.29	159	0.009	3	1.28	0.007	0.06	0.3	0.05	2.5	0.1	<0.05	4	<0.5	<0.2
1888777	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.
1888778	Soil	22	0.34	83	0.021	2	1.33	0.005	0.04	0.3	0.03	1.6	<0.1	<0.05	5	<0.5	<0.2
1888779	Soil	27	0.39	109	0.038	3	1.49	0.008	0.06	0.6	0.03	2.4	<0.1	<0.05	6	<0.5	<0.2
1888780	Soil	16	0.18	135	0.029	2	0.89	0.004	0.05	0.3	0.02	1.4	0.1	<0.05	6	<0.5	<0.2
1888781	Soil	22	0.32	178	0.017	3	1.44	0.008	0.05	0.3	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1888782	Soil	24	0.36	183	0.026	3	1.48	0.006	0.05	0.3	0.06	4.5	0.1	<0.05	4	<0.5	<0.2
1888783	Soil	23	0.38	187	0.023	3	1.41	0.005	0.05	0.3	0.06	4.6	0.1	<0.05	4	<0.5	<0.2
1888784	Soil	27	0.43	155	0.034	2	1.73	0.007	0.05	0.2	0.05	4.3	0.1	<0.05	4	<0.5	<0.2
1888785	Soil	25	0.44	102	0.025	1	1.65	0.005	0.07	0.3	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1888786	Soil	30	0.48	175	0.044	2	1.73	0.007	0.05	0.2	0.05	4.6	0.1	<0.05	4	<0.5	<0.2
1888787	Soil	39	0.77	297	0.017	3	2.48	0.016	0.07	0.3	0.09	8.0	0.2	<0.05	8	<0.5	<0.2
1888788	Soil	25	0.35	186	0.017	2	1.57	0.006	0.06	0.2	0.07	4.9	0.2	<0.05	4	<0.5	<0.2
1888789	Soil	32	0.45	211	0.032	2	2.06	0.008	0.05	0.3	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1888790	Soil	41	0.68	174	0.041	3	3.18	0.007	0.09	0.4	0.02	5.8	0.2	<0.05	9	<0.5	<0.2
1888791	Soil	22	0.27	106	0.014	1	1.16	0.003	0.06	0.2	0.05	3.0	0.1	<0.05	3	<0.5	<0.2
1888792	Soil	28	0.42	135	0.023	2	1.84	0.005	0.07	0.2	0.03	2.8	0.1	<0.05	5	<0.5	<0.2
1888793	Soil	39	0.44	280	0.038	2	2.38	0.007	0.05	0.2	0.04	5.5	0.2	<0.05	6	<0.5	<0.2
1888794	Soil	28	0.37	154	0.038	1	1.47	0.006	0.05	0.3	0.03	2.5	<0.1	<0.05	5	<0.5	<0.2
1888795	Soil	23	0.33	165	0.026	2	1.63	0.007	0.05	0.5	0.03	2.4	0.1	<0.05	4	<0.5	<0.2

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	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
1888796	Soil	1.1	13.8	11.0	67	<0.1	17.7	7.0	239	2.34	15.9	10.4	5.7	16	0.2	1.1	0.2	42	0.15	0.050	15
1888797	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.
1888798	Soil	0.6	21.2	12.8	42	0.1	14.9	4.5	185	1.67	13.3	3.1	1.3	11	0.1	2.1	0.1	24	0.11	0.059	18
1888799	Soil	0.5	21.2	16.3	62	<0.1	20.5	8.8	471	2.06	25.8	3.6	8.6	19	0.2	3.2	0.2	26	0.24	0.066	22
1888800	Soil	0.8	8.7	8.8	41	0.2	10.6	3.5	96	1.44	7.3	10.4	0.7	16	0.1	0.5	0.1	34	0.15	0.040	18
1888801	Soil	1.6	11.3	8.0	49	<0.1	14.9	5.7	154	2.60	9.5	0.9	2.9	32	<0.1	2.0	0.2	24	0.06	0.051	24
1888802	Soil	0.8	16.4	8.6	47	<0.1	16.6	6.0	215	1.99	11.2	34.0	1.4	17	0.1	0.8	0.2	27	0.16	0.052	21
1888803	Soil	1.0	15.5	9.9	46	<0.1	16.6	5.9	212	2.22	11.4	8.2	4.0	9	0.1	0.6	0.2	37	0.08	0.043	18
1888804	Soil	0.7	32.9	9.2	54	<0.1	19.8	8.0	198	2.27	12.6	4.7	7.4	7	<0.1	0.8	0.2	31	0.05	0.024	24
1888805	Soil	0.9	13.9	10.4	45	<0.1	15.4	5.7	148	2.32	14.9	12.1	4.7	7	0.1	0.8	0.2	34	0.06	0.022	16
1888806	Soil	0.9	21.5	8.9	58	<0.1	18.8	6.5	184	2.31	52.6	3.4	6.1	8	0.1	1.2	1.0	36	0.06	0.025	20
1888807	Soil	0.7	8.9	5.9	32	<0.1	10.4	3.3	97	1.57	9.8	<0.5	1.8	6	<0.1	0.5	0.2	31	0.05	0.023	13
1888808	Soil	1.1	10.4	6.3	36	<0.1	12.5	4.2	130	1.82	29.7	<0.5	2.4	8	<0.1	0.8	2.6	30	0.06	0.024	17
1888809	Soil	0.7	15.7	10.0	48	<0.1	16.0	6.0	187	2.16	28.8	17.1	5.9	8	<0.1	1.0	0.5	31	0.05	0.029	25
1888810	Soil	0.9	16.3	9.5	49	<0.1	16.6	5.9	151	2.22	14.1	2.3	5.2	6	<0.1	0.9	0.4	35	0.04	0.023	16
1888811	Soil	0.7	11.8	10.5	25	<0.1	7.4	2.4	69	1.71	9.6	2.8	1.0	6	<0.1	0.5	0.2	27	0.07	0.087	15
1888812	Soil	0.7	10.3	8.9	37	<0.1	11.3	3.3	87	1.67	9.3	2.4	0.8	6	<0.1	0.6	0.2	27	0.06	0.058	17
1888813	Soil	0.8	5.1	9.8	26	<0.1	6.7	2.0	66	1.56	10.4	3.0	0.3	6	<0.1	0.4	0.2	34	0.05	0.064	13
1888814	Soil	0.9	14.5	11.3	48	<0.1	13.7	4.8	173	2.02	19.4	4.3	3.0	9	<0.1	1.8	0.2	35	0.09	0.048	17
1888815	Soil	1.0	12.4	10.8	45	<0.1	13.3	4.6	117	2.33	16.6	3.6	2.2	7	<0.1	0.9	0.2	35	0.07	0.041	12
1888816	Soil	0.6	5.0	9.1	22	<0.1	6.5	2.0	52	1.48	11.4	1.3	0.5	6	<0.1	0.5	0.2	32	0.05	0.068	13
1888817	Soil	1.2	10.2	11.9	50	<0.1	13.2	5.4	258	2.56	17.6	6.3	1.7	7	0.1	1.0	0.2	45	0.07	0.058	14
1888818	Soil	0.5	4.6	7.6	16	<0.1	4.8	1.4	47	0.71	9.4	2.9	0.4	6	<0.1	0.7	0.2	21	0.05	0.042	14
1888819	Soil	1.0	14.8	9.7	42	<0.1	13.1	4.5	124	2.25	13.7	1.4	2.1	7	<0.1	0.8	0.2	38	0.07	0.043	14
1888820	Soil	0.9	25.4	9.8	63	<0.1	21.0	9.4	309	2.33	13.5	7.5	5.9	9	0.1	1.2	0.2	32	0.08	0.046	17
1888821	Soil	1.2	9.6	9.0	44	<0.1	12.2	4.1	173	1.89	13.6	3.1	1.6	7	<0.1	0.8	0.2	37	0.06	0.058	13
1888822	Soil	1.1	7.3	9.3	39	<0.1	9.8	3.7	142	2.08	12.1	2.8	1.3	7	0.1	0.7	0.2	34	0.07	0.062	13
1888823	Soil	0.6	10.5	7.9	34	<0.1	11.4	3.2	103	1.54	7.6	2.0	0.5	6	<0.1	0.7	0.1	22	0.06	0.045	22
1888824	Soil	1.0	10.1	10.1	37	<0.1	10.9	3.6	105	2.07	10.1	1.9	1.4	7	<0.1	0.4	0.2	36	0.08	0.094	15
1888825	Soil	0.7	8.5	9.1	36	<0.1	10.8	3.6	103	1.86	12.1	8.8	1.0	7	<0.1	0.6	0.2	33	0.08	0.047	15

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Client: **Big River Mineral Exploration**
Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7 Canada

Project: Mint
Report Date: September 11, 2019

CERTIFICATE OF ANALYSIS WHI19000050.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
1888796	Soil		23	0.34	189	0.032	2	1.23	0.006	0.05	0.7	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
1888797	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.
1888798	Soil		17	0.26	106	0.018	2	0.88	0.007	0.05	0.3	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
1888799	Soil		21	0.34	137	0.033	2	0.91	0.009	0.06	0.4	0.03	2.8	<0.1	<0.05	3	<0.5	<0.2
1888800	Soil		18	0.28	154	0.016	2	1.07	0.005	0.03	0.5	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
1888801	Soil		14	0.11	119	0.007	3	0.65	0.005	0.05	0.2	0.04	1.0	<0.1	<0.05	2	<0.5	<0.2
1888802	Soil		17	0.29	148	0.013	1	0.90	0.005	0.04	0.3	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
1888803	Soil		26	0.34	152	0.020	<1	1.48	0.005	0.05	0.2	0.04	2.3	0.1	<0.05	4	<0.5	<0.2
1888804	Soil		24	0.40	134	0.021	1	1.26	0.004	0.04	0.2	0.05	3.2	<0.1	<0.05	4	<0.5	<0.2
1888805	Soil		23	0.30	134	0.024	<1	1.26	0.003	0.04	0.3	0.03	2.6	0.1	<0.05	4	<0.5	<0.2
1888806	Soil		23	0.32	152	0.020	1	1.37	0.004	0.05	0.3	0.03	2.7	0.1	<0.05	4	<0.5	<0.2
1888807	Soil		16	0.18	83	0.016	<1	0.77	0.003	0.03	0.2	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
1888808	Soil		15	0.21	88	0.015	<1	0.82	0.004	0.04	0.2	0.01	1.3	0.1	<0.05	3	<0.5	<0.2
1888809	Soil		21	0.26	132	0.012	<1	1.16	0.004	0.04	0.2	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1888810	Soil		21	0.27	119	0.015	<1	1.04	0.004	0.04	0.3	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
1888811	Soil		20	0.19	62	0.014	1	1.04	0.004	0.04	0.2	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
1888812	Soil		18	0.21	59	0.012	1	1.05	0.007	0.04	0.2	0.03	1.0	0.1	<0.05	4	<0.5	<0.2
1888813	Soil		18	0.19	65	0.011	<1	0.99	0.004	0.03	0.2	0.05	0.7	0.1	<0.05	5	<0.5	<0.2
1888814	Soil		23	0.31	87	0.019	2	1.26	0.004	0.04	0.6	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1888815	Soil		23	0.33	71	0.017	2	1.26	0.003	0.04	0.3	0.03	1.7	<0.1	<0.05	4	0.5	<0.2
1888816	Soil		17	0.19	53	0.011	1	0.92	0.003	0.03	0.2	0.03	0.8	0.2	<0.05	4	<0.5	<0.2
1888817	Soil		23	0.32	60	0.020	2	1.26	0.004	0.04	0.3	0.03	1.7	0.1	<0.05	5	<0.5	<0.2
1888818	Soil		12	0.10	54	0.012	2	0.64	0.004	0.04	0.3	0.02	0.6	<0.1	<0.05	4	<0.5	<0.2
1888819	Soil		22	0.32	92	0.017	2	1.27	0.004	0.03	0.3	0.04	2.2	0.1	<0.05	4	0.7	<0.2
1888820	Soil		24	0.42	157	0.029	2	1.72	0.005	0.04	0.4	0.04	3.0	<0.1	<0.05	4	<0.5	<0.2
1888821	Soil		17	0.24	72	0.022	2	0.94	0.003	0.04	0.4	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1888822	Soil		21	0.26	83	0.016	2	1.15	0.004	0.03	0.2	0.02	1.5	<0.1	<0.05	5	<0.5	<0.2
1888823	Soil		16	0.23	63	0.006	<1	0.99	0.005	0.03	0.1	0.02	0.5	<0.1	<0.05	4	<0.5	<0.2
1888824	Soil		21	0.29	95	0.014	<1	1.05	0.005	0.04	0.2	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1888825	Soil		18	0.27	74	0.014	<1	1.03	0.004	0.03	0.3	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2

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Project: Mint
Report Date: September 11, 2019

CERTIFICATE OF ANALYSIS WHI19000050.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
1888826	Soil	0.6	7.6	8.7	26	<0.1	7.7	2.7	78	1.57	9.4	1.4	0.5	7	<0.1	0.6	0.2	31	0.06	0.038	17
1888827	Soil	0.9	13.8	8.4	44	<0.1	13.9	4.4	129	1.93	9.1	1.7	1.4	6	<0.1	0.6	0.2	29	0.06	0.043	18
1888828	Soil	0.6	16.0	8.3	48	<0.1	15.0	7.7	357	1.77	13.1	5.7	1.8	7	0.1	0.9	0.1	23	0.07	0.051	12
1888829	Soil	0.9	13.7	11.0	40	<0.1	12.4	4.9	115	2.16	11.4	25.7	2.2	8	<0.1	0.6	0.2	37	0.07	0.053	16
1888830	Soil	0.6	13.5	8.9	42	<0.1	14.0	5.4	124	1.81	10.2	2.2	3.9	8	<0.1	0.8	0.1	26	0.07	0.041	17
1888831	Soil	1.0	12.9	11.2	45	<0.1	17.0	7.0	261	2.52	14.4	3.1	4.9	7	0.2	0.8	0.2	34	0.05	0.043	12
1888832	Soil	0.8	15.5	10.0	48	<0.1	16.6	5.7	171	2.40	11.8	3.3	4.0	8	<0.1	0.7	0.2	42	0.07	0.040	14
1888833	Soil	1.6	12.4	11.2	47	<0.1	16.2	8.0	206	2.74	13.1	8.8	4.2	6	0.1	0.9	0.2	39	0.05	0.035	15
1888834	Soil	0.9	9.0	11.4	34	<0.1	10.1	3.8	104	2.18	14.6	2.4	4.0	7	<0.1	0.6	0.4	47	0.05	0.022	16
1888835	Soil	1.0	11.7	9.7	38	<0.1	13.5	5.5	126	2.25	12.0	9.0	2.3	9	0.1	0.6	0.2	38	0.08	0.036	14
1888836	Soil	1.3	24.9	12.4	61	<0.1	17.9	8.9	237	3.02	14.3	4.5	5.5	10	<0.1	1.0	0.2	52	0.10	0.051	22
1888837	Soil	0.8	13.3	10.7	42	<0.1	12.7	4.8	117	2.12	15.5	2.7	1.5	10	<0.1	0.6	0.2	41	0.09	0.035	16
1888838	Soil	0.6	12.6	27.1	87	<0.1	12.3	9.8	477	3.07	512.3	5.6	17.5	23	0.1	3.5	7.8	29	0.35	0.091	50
1888839	Soil	0.5	11.6	28.3	89	<0.1	13.0	10.0	530	3.39	526.9	5.7	18.8	23	0.1	3.4	7.4	29	0.34	0.089	52
1888840	Soil	1.4	16.3	11.6	51	<0.1	17.0	6.8	207	2.54	19.9	2.1	4.9	13	<0.1	0.9	0.3	47	0.14	0.033	16
1888841	Soil	1.1	10.3	11.1	42	<0.1	11.9	5.5	166	2.19	15.3	1.9	1.4	11	0.2	0.5	0.3	41	0.10	0.038	14
1888842	Soil	0.8	13.9	9.9	37	<0.1	12.9	5.9	154	2.07	11.2	2.4	1.7	6	<0.1	0.6	0.2	38	0.06	0.038	14
1888843	Soil	1.4	4.7	9.0	34	<0.1	6.7	3.4	131	2.10	11.4	2.2	1.2	8	<0.1	0.6	0.2	37	0.06	0.044	16
1888844	Soil	1.1	8.9	10.7	42	<0.1	12.0	5.1	153	2.54	13.4	1.7	3.3	8	<0.1	0.7	0.2	45	0.07	0.034	14
1888845	Soil	0.7	14.8	14.4	74	<0.1	17.4	7.4	283	2.29	18.2	1.1	9.1	21	0.1	0.9	0.1	41	0.29	0.073	16

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Project: Mint
Report Date: September 11, 2019

CERTIFICATE OF ANALYSIS WHI19000050.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1888826	Soil	16	0.20	73	0.010	1	0.98	0.004	0.03	0.2	0.03	0.6	<0.1	<0.05	4	<0.5	<0.2
1888827	Soil	21	0.29	90	0.012	<1	1.15	0.004	0.04	0.2	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1888828	Soil	14	0.21	61	0.012	<1	0.76	0.002	0.03	0.4	0.02	1.2	<0.1	<0.05	2	<0.5	<0.2
1888829	Soil	22	0.29	139	0.012	<1	1.49	0.004	0.04	0.3	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1888830	Soil	19	0.32	89	0.019	1	1.22	0.003	0.03	0.3	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1888831	Soil	23	0.32	99	0.018	<1	1.37	0.003	0.04	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1888832	Soil	26	0.37	119	0.024	<1	1.59	0.006	0.04	0.2	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
1888833	Soil	25	0.28	90	0.019	1	1.48	0.004	0.04	0.3	0.05	2.1	0.1	<0.05	4	<0.5	<0.2
1888834	Soil	25	0.28	106	0.019	<1	1.44	0.004	0.03	0.2	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
1888835	Soil	23	0.32	107	0.020	2	1.50	0.004	0.04	0.2	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2
1888836	Soil	32	0.44	251	0.028	1	1.98	0.006	0.04	0.3	0.05	5.7	0.1	<0.05	5	0.6	<0.2
1888837	Soil	26	0.36	126	0.017	1	1.46	0.005	0.03	0.2	0.04	2.3	0.1	<0.05	5	<0.5	<0.2
1888838	Soil	27	0.53	314	0.002	1	1.62	0.007	0.07	<0.1	0.13	6.9	0.1	<0.05	5	<0.5	<0.2
1888839	Soil	29	0.55	328	0.002	<1	1.55	0.008	0.07	0.1	0.14	7.2	0.1	<0.05	5	<0.5	<0.2
1888840	Soil	27	0.36	179	0.020	2	1.62	0.007	0.05	0.2	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1888841	Soil	23	0.29	134	0.016	1	1.20	0.005	0.04	0.2	0.03	1.8	0.1	<0.05	5	<0.5	<0.2
1888842	Soil	20	0.30	105	0.016	<1	1.19	0.003	0.03	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1888843	Soil	16	0.19	69	0.014	<1	0.88	0.004	0.05	0.3	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1888844	Soil	25	0.33	128	0.024	1	1.52	0.004	0.04	0.2	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1888845	Soil	31	0.57	188	0.031	1	1.77	0.009	0.08	0.4	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2

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Project: Mint
Report Date: September 11, 2019

QUALITY CONTROL REPORT WHI19000050.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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																					
1888065	Soil	1.0	26.6	10.8	54	<0.1	45.2	10.4	247	2.60	15.1	5.2	7.1	9	<0.1	0.7	0.2	39	0.08	0.022	31
REP 1888065	QC	1.0	24.3	10.7	51	<0.1	44.0	9.9	231	2.61	15.0	2.9	7.2	9	<0.1	0.7	0.2	37	0.09	0.021	30
1888157	Soil	0.8	17.4	11.7	42	<0.1	14.2	5.5	138	2.30	9.8	<0.5	6.4	8	<0.1	1.4	0.2	31	0.04	0.025	23
REP 1888157	QC	0.8	18.1	12.4	45	<0.1	15.1	5.7	139	2.35	9.8	1.4	6.7	8	<0.1	1.3	0.2	32	0.04	0.025	24
1888607	Soil	0.7	14.3	9.1	46	<0.1	15.6	6.3	159	2.19	13.5	4.0	4.9	8	<0.1	0.7	0.2	35	0.08	0.033	15
REP 1888607	QC	0.7	13.2	8.9	46	<0.1	14.5	5.9	146	2.19	13.5	1.4	4.9	7	<0.1	0.6	0.2	33	0.07	0.034	14
1888655	Soil	0.7	14.5	8.9	41	<0.1	12.6	5.5	141	1.88	12.7	3.5	2.6	8	<0.1	0.9	0.1	29	0.09	0.046	16
REP 1888655	QC	0.7	14.6	9.2	39	<0.1	12.7	5.4	151	1.87	12.8	1.6	2.6	8	<0.1	0.9	0.1	28	0.08	0.049	16
1888690	Soil	0.4	17.8	9.3	46	<0.1	16.3	6.3	175	2.09	11.9	4.9	6.8	13	<0.1	1.4	0.2	36	0.09	0.023	20
REP 1888690	QC	0.4	18.7	9.6	49	<0.1	16.7	6.6	176	2.13	12.4	2.2	7.1	13	<0.1	1.4	0.2	38	0.09	0.023	21
1888727	Soil	0.9	8.4	9.1	40	<0.1	12.4	4.2	108	2.12	11.0	1.6	2.7	7	<0.1	0.6	0.2	39	0.06	0.032	12
REP 1888727	QC	0.9	9.1	9.2	40	<0.1	11.6	4.6	104	2.00	11.1	2.4	2.5	7	<0.1	0.6	0.2	37	0.06	0.028	12
1888770	Soil	0.5	16.8	12.6	52	<0.1	15.8	6.8	269	1.82	13.6	12.6	6.8	12	<0.1	2.4	0.2	26	0.13	0.044	23
REP 1888770	QC	0.5	15.9	12.6	55	<0.1	16.9	6.9	289	1.99	13.6	8.2	6.9	11	0.1	2.5	0.1	27	0.12	0.047	22
1888804	Soil	0.7	32.9	9.2	54	<0.1	19.8	8.0	198	2.27	12.6	4.7	7.4	7	<0.1	0.8	0.2	31	0.05	0.024	24
REP 1888804	QC	0.6	34.2	9.2	51	<0.1	19.6	8.5	195	2.44	13.2	6.7	7.2	7	<0.1	0.8	0.2	30	0.06	0.024	24
1888837	Soil	0.8	13.3	10.7	42	<0.1	12.7	4.8	117	2.12	15.5	2.7	1.5	10	<0.1	0.6	0.2	41	0.09	0.035	16
REP 1888837	QC	0.8	14.0	10.4	38	<0.1	12.0	4.4	110	2.10	14.7	2.5	1.7	9	<0.1	0.6	0.2	40	0.09	0.033	15
Reference Materials																					
STD BVGEO01	Standard	11.3	4404.7	190.3	1634	2.6	158.4	23.5	713	4.00	116.9	228.0	14.5	57	6.3	3.3	23.9	83	1.31	0.087	26
STD BVGEO01	Standard	10.9	4496.2	190.2	1633	2.6	167.8	27.7	721	3.68	117.2	217.0	14.4	54	6.3	3.5	24.6	71	1.20	0.084	26
STD BVGEO01	Standard	10.8	4394.9	184.7	1619	2.4	163.2	25.4	754	3.94	121.9	204.0	16.4	61	6.5	4.1	26.8	80	1.33	0.078	28
STD BVGEO01	Standard	11.3	4192.2	195.8	1723	2.6	174.3	23.5	754	3.59	124.0	233.1	15.6	58	6.4	3.4	25.5	72	1.38	0.086	26
STD DS11	Standard	15.1	142.8	137.0	352	1.8	82.2	13.1	1040	3.14	44.0	79.2	7.8	64	2.3	9.2	11.7	47	1.06	0.063	19
STD DS11	Standard	15.3	138.6	138.5	339	1.7	78.1	13.5	947	3.14	43.9	70.8	8.0	65	2.4	8.3	11.3	50	0.94	0.084	17
STD DS11	Standard	15.0	153.3	135.5	336	1.7	77.5	13.1	1019	3.20	43.8	107.1	8.8	72	2.3	9.5	12.5	53	1.02	0.074	19
STD DS11	Standard	16.0	151.2	138.9	321	1.7	83.0	14.1	1065	3.33	44.8	66.0	8.6	67	2.3	8.5	11.5	48	1.06	0.071	20
STD DS11	Standard	14.4	140.4	137.3	333	1.7	81.2	14.1	934	3.00	45.0	68.3	8.2	67	2.4	9.0	11.4	46	0.98	0.076	18

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Client: **Big River Mineral Exploration**
Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7 Canada

Project: Mint
Report Date: September 11, 2019

QUALITY CONTROL REPORT WHI19000050.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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																	
1888065	Soil	42	0.48	204	0.019	<1	1.40	0.005	0.04	0.2	0.02	3.8	<0.1	<0.05	4	<0.5	<0.2
REP 1888065	QC	41	0.55	192	0.017	<1	1.49	0.005	0.04	0.2	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2
1888157	Soil	18	0.29	92	0.014	<1	1.12	0.003	0.03	0.2	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
REP 1888157	QC	19	0.30	96	0.014	<1	1.18	0.003	0.03	0.2	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1888607	Soil	20	0.30	131	0.025	<1	1.20	0.004	0.04	0.3	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
REP 1888607	QC	21	0.31	132	0.023	<1	1.20	0.005	0.04	0.3	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1888655	Soil	19	0.28	77	0.022	1	1.22	0.004	0.03	0.3	0.05	1.8	<0.1	<0.05	3	<0.5	<0.2
REP 1888655	QC	19	0.26	79	0.024	1	1.19	0.004	0.03	0.4	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1888690	Soil	23	0.37	116	0.033	1	1.34	0.006	0.04	0.3	0.05	3.0	<0.1	<0.05	4	<0.5	<0.2
REP 1888690	QC	23	0.37	120	0.033	1	1.34	0.006	0.04	0.3	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1888727	Soil	22	0.29	102	0.022	1	1.22	0.004	0.03	0.3	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
REP 1888727	QC	21	0.30	99	0.020	1	1.29	0.004	0.03	0.3	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1888770	Soil	20	0.36	104	0.024	2	1.11	0.007	0.05	0.4	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
REP 1888770	QC	19	0.34	98	0.023	2	1.18	0.005	0.05	0.4	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
1888804	Soil	24	0.40	134	0.021	1	1.26	0.004	0.04	0.2	0.05	3.2	<0.1	<0.05	4	<0.5	<0.2
REP 1888804	QC	22	0.40	132	0.021	<1	1.20	0.004	0.04	0.2	0.05	3.4	<0.1	<0.05	4	<0.5	<0.2
1888837	Soil	26	0.36	126	0.017	1	1.46	0.005	0.03	0.2	0.04	2.3	0.1	<0.05	5	<0.5	<0.2
REP 1888837	QC	23	0.35	121	0.013	<1	1.44	0.005	0.04	0.2	0.05	1.9	0.1	<0.05	4	<0.5	<0.2
Reference Materials																	
STD BVGEO01	Standard	217	1.34	254	0.232	5	2.56	0.207	0.87	5.3	0.10	7.1	0.6	0.70	8	4.6	1.0
STD BVGEO01	Standard	173	1.31	280	0.230	4	2.38	0.194	0.90	5.6	0.10	6.0	0.6	0.68	7	4.8	1.1
STD BVGEO01	Standard	196	1.31	294	0.241	4	2.32	0.198	0.88	5.3	0.09	6.5	0.6	0.73	7	4.8	1.0
STD BVGEO01	Standard	201	1.42	287	0.233	4	2.34	0.214	0.92	5.5	0.09	6.6	0.7	0.71	8	4.6	1.0
STD DS11	Standard	63	0.82	381	0.091	7	1.15	0.083	0.37	3.3	0.27	3.2	5.1	0.26	5	2.1	5.0
STD DS11	Standard	58	0.83	353	0.091	7	1.13	0.074	0.39	3.0	0.26	3.6	5.1	0.28	5	2.2	4.6
STD DS11	Standard	60	0.85	377	0.096	7	1.17	0.075	0.42	2.9	0.24	3.7	5.2	0.28	5	2.0	4.5
STD DS11	Standard	59	0.86	363	0.092	9	1.29	0.070	0.41	3.1	0.25	3.5	5.0	0.27	5	2.1	4.5
STD DS11	Standard	60	0.89	351	0.087	7	1.16	0.076	0.40	3.2	0.24	3.5	4.7	0.29	5	2.0	4.8

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Whitehorse Yukon Y1A 0K7 Canada

Project: Mint

Report Date: September 11, 2019

QUALITY CONTROL REPORT WHI19000050.1

		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		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
STD OREAS262	Standard	0.6	126.5	57.2	141	0.5	64.8	27.6	506	3.52	36.5	64.5	9.3	35	0.7	5.1	1.0	15	3.01	0.044	17
STD OREAS262	Standard	0.7	113.0	55.6	147	0.5	64.9	26.0	527	3.34	36.3	72.1	9.3	34	0.7	6.2	1.0	20	2.98	0.043	15
STD OREAS262	Standard	0.7	113.9	58.4	147	0.5	64.0	29.5	527	3.33	36.4	56.7	9.9	35	0.6	4.9	1.0	20	2.79	0.042	16
STD OREAS262	Standard	0.7	115.5	56.7	149	0.5	69.1	28.7	537	3.42	36.8	63.4	9.4	34	0.6	4.5	1.0	19	3.03	0.045	16
STD OREAS262	Standard	0.7	120.4	57.5	150	0.5	61.6	26.8	544	3.46	37.0	78.7	10.4	38	0.7	6.5	1.1	22	2.91	0.042	17
STD OREAS262	Standard	0.8	125.4	57.0	146	0.4	64.0	26.6	530	3.35	36.7	69.8	10.6	37	0.7	6.3	1.1	24	2.83	0.041	18
STD OREAS262	Standard	0.7	110.5	58.2	153	0.5	64.4	26.8	528	3.44	36.3	63.9	9.8	36	0.6	5.1	1.0	19	2.88	0.041	18
STD OREAS262	Standard	0.7	112.9	56.3	143	0.5	65.4	27.3	516	3.29	37.3	70.4	9.3	35	0.6	5.6	1.1	20	2.86	0.041	16
STD OREAS262	Standard	0.7	110.2	55.6	156	0.5	69.0	26.5	524	3.49	37.1	67.5	9.5	34	0.6	6.2	1.0	23	2.82	0.046	16
STD BVGEO01 Expected		11.2	4415	187	1741	2.53	163	25	733	3.7	121	219	14.4	55	6.5	3.39	25.6	73	1.3219	0.0727	25.9
STD DS11 Expected		14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701	18.6
STD OREAS262 Expected		0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	65	9.33	36	0.61	5.06	1.03	22.5	2.98	0.04	15.9
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
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
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
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
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	3	<0.01	<0.001	<1
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
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	7	<0.01	<0.001	<1
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
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

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Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7 Canada

Project: Mint

Report Date: September 11, 2019

QUALITY CONTROL REPORT WHI19000050.1

		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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
STD OREAS262	Standard	43	1.09	250	0.003	5	1.46	0.064	0.32	0.2	0.17	3.5	0.5	0.25	4	<0.5	0.2
STD OREAS262	Standard	43	1.08	252	0.003	3	1.28	0.070	0.27	0.2	0.16	3.0	0.5	0.27	4	0.6	0.2
STD OREAS262	Standard	43	1.23	248	0.003	4	1.44	0.069	0.26	0.2	0.15	3.6	0.5	0.27	4	<0.5	0.2
STD OREAS262	Standard	42	1.25	245	0.003	4	1.44	0.078	0.28	0.2	0.16	3.3	0.5	0.26	4	<0.5	0.2
STD OREAS262	Standard	43	1.14	258	0.002	4	1.27	0.064	0.31	0.2	0.15	3.5	0.5	0.29	4	<0.5	0.2
STD OREAS262	Standard	43	1.16	256	0.003	4	1.35	0.067	0.31	0.2	0.16	3.4	0.5	0.29	4	<0.5	0.2
STD OREAS262	Standard	48	1.20	248	0.003	3	1.35	0.064	0.32	0.2	0.16	3.6	0.5	0.24	4	0.6	0.2
STD OREAS262	Standard	45	1.21	245	0.003	4	1.27	0.072	0.31	0.2	0.17	3.5	0.4	0.23	4	0.5	0.3
STD OREAS262	Standard	47	1.15	248	0.002	4	1.37	0.064	0.28	0.2	0.16	3.4	0.5	0.27	4	<0.5	0.2
STD BVGEO01 Expected		187	1.2963	260	0.233	3.8	2.347	0.1924	0.89	5.3	0.1	5.97	0.62	0.6655	7.37	4.84	1.02
STD DS11 Expected		61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
STD OREAS262 Expected		41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	3.73	0.4	0.23
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
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
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
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
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
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
BLK	Blank	2	<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	<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	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Big River Mineral Exploration**
Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7 Canada

Submitted By: Tyrell Sutherland
Receiving Lab: Canada-Whitehorse
Received: June 11, 2019
Report Date: August 12, 2019

CERTIFICATE OF ANALYSIS WHI19000051.1

CLIENT JOB INFORMATION

Project: Mint
Shipment ID:
P.O. Number
Number of Samples: 10

SAMPLE DISPOSAL

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

Bureau Veritas 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
DY060	10	Dry at 60C			WHI
SS80	10	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	10	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DISPL	10	Disposal of pulps			VAN
SHP01	10	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Big River Mineral Exploration
Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7
Canada

CC:

JEFFREY CANNON
Geochemistry Department Supervisor

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Big River Mineral Exploration**
Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7 Canada

Project: Mint
Report Date: August 12, 2019

CERTIFICATE OF ANALYSIS WHI19000051.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
1888885	Sediment	0.5	9.2	7.7	53	<0.1	12.5	5.8	241	1.62	15.2	1.6	8.1	33	0.2	1.1	0.1	21	0.27	0.045	21
1888889	Sediment	0.7	10.8	9.5	55	<0.1	14.5	7.9	571	1.74	26.4	2.1	4.9	37	0.2	1.1	0.2	25	0.37	0.052	22
1888891	Sediment	0.8	12.4	9.1	53	<0.1	14.1	7.1	395	1.83	20.6	<0.5	5.6	42	0.2	0.9	0.2	25	0.40	0.048	24
1901007	Sediment	0.9	8.9	9.7	58	<0.1	11.7	5.6	186	1.50	20.8	2.0	7.4	48	0.2	3.6	<0.1	24	0.32	0.054	22
1901008	Sediment	0.7	20.2	16.1	68	0.1	21.1	9.3	415	2.30	109.2	11.4	11.3	40	0.3	7.0	0.3	21	0.33	0.056	31
1901009	Sediment	0.5	24.1	21.3	101	0.3	28.8	11.3	367	2.88	60.0	1.5	14.9	32	0.2	22.6	0.3	15	0.27	0.052	48
1901010	Sediment	0.5	25.3	30.2	93	0.2	28.8	11.5	451	2.81	219.2	3.6	14.1	35	0.6	13.1	0.6	18	0.33	0.064	42
1901011	Sediment	0.4	12.5	7.5	41	<0.1	13.4	5.9	260	1.54	15.3	1.7	6.4	27	0.1	1.1	0.1	24	0.32	0.055	19
1901012	Sediment	0.7	15.6	9.9	54	<0.1	15.7	7.7	545	1.82	12.7	3.7	6.7	37	0.2	1.4	0.2	32	0.36	0.062	20
1901013	Sediment	0.5	13.1	11.7	59	<0.1	15.4	7.0	306	1.79	69.3	1.5	8.5	30	0.2	4.3	0.2	23	0.29	0.055	26

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Method		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
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
1888885	Sediment	13	0.35	124	0.025	5	0.87	0.009	0.05	0.3	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1888889	Sediment	15	0.33	189	0.016	2	1.02	0.008	0.04	0.3	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1888891	Sediment	15	0.36	173	0.019	2	1.06	0.010	0.05	0.2	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1901007	Sediment	15	0.34	112	0.020	2	0.85	0.006	0.04	0.5	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1901008	Sediment	15	0.37	90	0.015	2	0.97	0.007	0.05	0.2	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1901009	Sediment	14	0.33	68	0.005	2	0.85	0.004	0.04	0.1	0.05	1.8	<0.1	<0.05	2	<0.5	<0.2
1901010	Sediment	19	0.46	81	0.007	2	1.10	0.005	0.05	0.2	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1901011	Sediment	15	0.28	121	0.026	1	0.75	0.008	0.04	0.3	0.01	2.0	<0.1	<0.05	2	<0.5	<0.2
1901012	Sediment	18	0.34	191	0.032	2	0.98	0.012	0.05	0.5	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
1901013	Sediment	14	0.32	81	0.020	2	0.82	0.008	0.04	0.5	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2

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Report Date: August 12, 2019

QUALITY CONTROL REPORT WHI19000051.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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																					
1901012	Sediment	0.7	15.6	9.9	54	<0.1	15.7	7.7	545	1.82	12.7	3.7	6.7	37	0.2	1.4	0.2	32	0.36	0.062	20
REP 1901012	QC	0.7	15.2	10.0	55	<0.1	15.8	8.0	548	1.87	12.7	3.1	6.5	38	0.3	1.4	0.1	33	0.35	0.063	21
Reference Materials																					
STD DS11	Standard	14.4	151.3	135.1	331	1.6	76.5	13.0	989	3.00	41.3	62.9	9.5	71	2.5	9.2	12.4	49	0.98	0.069	20
STD OREAS262	Standard	0.6	120.1	57.6	148	0.4	64.6	26.0	530	3.26	35.0	59.3	10.6	37	0.7	5.4	1.1	24	2.93	0.041	17
STD DS11 Expected		14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701	18.6
STD OREAS262 Expected		0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	65	9.33	36	0.61	5.06	1.03	22.5	2.98	0.04	15.9
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	6	<0.01	<0.001	<1

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QUALITY CONTROL REPORT WHI19000051.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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																	
1901012	Sediment	18	0.34	191	0.032	2	0.98	0.012	0.05	0.5	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
REP 1901012	QC	19	0.33	198	0.033	2	0.95	0.012	0.05	0.5	0.04	2.7	<0.1	<0.05	3	<0.5	<0.2
Reference Materials																	
STD DS11	Standard	58	0.78	360	0.090	6	1.10	0.069	0.40	2.9	0.26	3.3	4.7	0.21	5	1.7	4.3
STD OREAS262	Standard	44	1.09	253	0.003	3	1.35	0.067	0.30	0.2	0.17	3.4	0.5	0.23	4	<0.5	0.2
STD DS11 Expected		61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
STD OREAS262 Expected		41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	3.73	0.4	0.23
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

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Submitted By: Tyrell Sutherland
Receiving Lab: Canada-Whitehorse
Received: June 11, 2019
Report Date: August 12, 2019
Page: 1 of 10

CERTIFICATE OF ANALYSIS WHI19000052.1

CLIENT JOB INFORMATION

Project: Mint
Shipment ID:
P.O. Number
Number of Samples: 252

SAMPLE DISPOSAL

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

Bureau Veritas 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
DY060	252	Dry at 60C			WHI
SS80	252	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	249	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DISPL	252	Disposal of pulps			VAN
SHP01	252	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Big River Mineral Exploration
Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7
Canada

CC:

JEFFREY CANNON
Geochemistry Department Supervisor

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	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	1	0.01	0.001	1
1888846	Soil	0.7	17.9	8.3	52	<0.1	16.9	7.0	235	1.88	10.2	24.0	7.1	19	0.1	0.8	0.2	33	0.18	0.040	18
1888847	Soil	0.8	16.0	9.2	62	<0.1	18.5	7.4	242	2.10	13.6	12.0	8.3	23	0.1	0.8	0.2	35	0.24	0.059	19
1888848	Soil	0.4	13.4	14.0	61	<0.1	8.6	5.2	339	2.05	17.0	1.7	13.1	54	0.1	1.0	0.2	38	0.64	0.060	19
1888849	Soil	0.8	25.4	11.5	63	<0.1	25.0	9.1	292	2.44	14.4	3.2	8.5	19	0.1	0.8	0.2	42	0.18	0.048	16
1888850	Soil	0.7	19.9	9.3	45	<0.1	17.6	7.0	195	2.05	14.0	3.8	8.1	8	0.1	0.9	0.2	30	0.08	0.032	15
1888901	Soil	0.8	21.6	11.0	58	<0.1	21.3	10.6	373	2.22	13.2	3.0	7.4	9	0.2	1.1	0.2	27	0.09	0.059	20
1888902	Soil	0.9	22.1	14.6	56	<0.1	20.9	10.4	414	2.16	34.9	3.6	5.1	8	0.2	3.0	0.2	27	0.08	0.051	25
1888903	Soil	1.1	25.4	16.8	78	<0.1	26.4	12.3	488	2.68	31.7	6.9	5.4	8	0.3	2.1	0.2	36	0.06	0.050	21
1888904	Soil	1.1	24.7	13.8	68	<0.1	23.0	10.8	445	2.63	27.5	4.0	5.5	8	0.1	2.7	0.3	35	0.08	0.052	21
1888905	Soil	1.4	20.4	11.8	95	<0.1	24.2	13.6	566	2.57	13.3	2.4	5.8	10	0.2	0.9	0.2	51	0.09	0.080	15
1888906	Soil	0.8	18.0	11.3	54	<0.1	17.9	7.8	310	2.20	23.5	2.4	2.5	9	0.2	1.3	0.2	35	0.10	0.060	15
1888907	Soil	1.5	16.4	14.8	51	<0.1	14.0	5.3	152	3.01	14.9	5.4	4.8	9	0.1	0.9	0.2	55	0.09	0.049	16
1888908	Soil	1.0	19.2	12.5	54	<0.1	16.4	7.4	259	2.40	18.4	2.6	5.5	9	<0.1	1.0	0.2	45	0.09	0.062	17
1888909	Soil	1.0	20.1	9.6	53	<0.1	16.8	6.1	171	2.13	12.2	1.6	3.7	10	0.1	0.8	0.1	35	0.11	0.064	18
1888910	Soil	0.9	10.3	9.4	37	<0.1	11.1	3.9	119	1.85	11.0	6.7	1.8	9	<0.1	0.5	0.2	37	0.10	0.072	17
1888911	Soil	1.3	17.7	10.0	53	<0.1	16.1	8.9	303	2.20	13.0	2.7	5.2	8	0.1	0.8	0.2	38	0.08	0.062	17
1888912	Soil	0.9	24.7	12.8	61	<0.1	22.2	9.2	277	2.46	14.7	10.0	8.9	10	<0.1	1.5	0.2	36	0.07	0.031	36
1888913	Soil	0.8	16.7	10.4	45	<0.1	14.4	6.4	183	2.15	11.8	1.8	3.5	8	<0.1	0.6	0.2	38	0.07	0.052	18
1888914	Soil	1.0	23.1	11.7	55	<0.1	18.8	9.2	309	2.45	12.6	1.3	6.0	9	<0.1	0.8	0.2	39	0.08	0.057	20
1888915	Soil	0.8	32.8	10.2	66	<0.1	22.2	10.3	375	2.99	8.3	3.2	13.2	7	<0.1	0.9	0.2	26	0.04	0.032	50
1888916	Soil	0.7	34.4	13.5	66	<0.1	26.2	13.6	415	2.83	15.0	3.3	11.9	9	0.1	0.7	0.3	29	0.06	0.038	36
1888917	Soil	1.0	28.6	11.1	66	<0.1	27.2	13.0	505	2.72	12.8	2.8	9.4	7	0.2	0.9	0.2	29	0.05	0.031	33
1888918	Soil	1.1	28.6	11.4	67	<0.1	26.2	12.9	508	2.76	13.3	2.4	9.4	7	0.2	1.0	0.2	30	0.05	0.031	34
1888919	Soil	1.0	32.5	12.4	69	<0.1	29.4	18.7	504	3.12	18.2	1.5	11.8	7	0.1	0.6	0.2	33	0.06	0.041	43
1888920	Soil	0.9	16.8	8.3	45	<0.1	14.1	5.8	161	1.86	11.4	1.0	3.2	8	<0.1	0.7	0.1	30	0.08	0.047	16
1888921	Soil	1.2	17.5	11.6	54	<0.1	21.1	8.4	258	3.56	15.1	0.5	7.5	7	0.2	1.1	0.2	43	0.06	0.053	29
1888922	Soil	1.1	21.9	17.4	74	<0.1	23.4	11.1	493	2.75	10.2	1.2	13.0	15	0.2	1.3	0.1	26	0.04	0.036	41
1888923	Soil	0.7	19.3	9.6	56	<0.1	20.1	10.2	225	2.06	13.9	2.8	8.3	10	0.1	0.9	0.2	28	0.11	0.058	16
1888924	Soil	1.3	22.6	15.6	68	<0.1	17.6	10.1	438	2.76	14.6	3.4	9.5	14	0.1	1.3	0.2	44	0.10	0.045	24
1888925	Soil	1.2	16.3	12.6	52	<0.1	16.0	8.1	268	2.66	14.0	2.6	6.8	9	0.1	0.8	0.2	50	0.07	0.039	17

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	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
1888846	Soil	20	0.33	284	0.040	2	1.04	0.008	0.05	0.3	0.02	3.0	<0.1	<0.05	3	<0.5	<0.2
1888847	Soil	21	0.41	227	0.050	2	1.34	0.009	0.07	0.2	0.01	2.6	<0.1	<0.05	4	<0.5	<0.2
1888848	Soil	26	0.68	276	0.031	1	2.45	0.007	0.13	0.2	0.01	4.2	0.1	<0.05	7	<0.5	<0.2
1888849	Soil	28	0.43	185	0.056	2	1.46	0.006	0.11	0.3	0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
1888850	Soil	19	0.29	113	0.032	1	1.08	0.004	0.05	0.4	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
1888901	Soil	19	0.33	84	0.021	1	1.25	0.003	0.05	0.3	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1888902	Soil	17	0.27	81	0.026	<1	1.06	0.004	0.05	1.1	0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
1888903	Soil	25	0.36	101	0.023	1	1.54	0.004	0.07	1.1	0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
1888904	Soil	21	0.33	78	0.028	2	1.29	0.005	0.06	0.7	0.03	2.1	0.2	<0.05	4	<0.5	<0.2
1888905	Soil	23	0.33	152	0.051	2	1.59	0.006	0.05	0.3	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
1888906	Soil	19	0.27	57	0.030	1	0.98	0.004	0.05	0.5	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1888907	Soil	31	0.38	128	0.033	2	1.75	0.006	0.05	0.2	0.05	3.2	0.2	<0.05	5	0.8	<0.2
1888908	Soil	27	0.37	152	0.034	1	1.56	0.005	0.05	0.4	0.03	3.1	0.1	<0.05	5	<0.5	<0.2
1888909	Soil	21	0.33	144	0.027	1	1.27	0.005	0.04	0.3	0.03	2.5	0.1	<0.05	4	0.6	<0.2
1888910	Soil	21	0.28	99	0.025	<1	1.18	0.005	0.04	0.3	0.04	1.9	0.1	<0.05	4	<0.5	<0.2
1888911	Soil	22	0.33	117	0.030	1	1.33	0.005	0.04	0.3	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1888912	Soil	24	0.39	169	0.036	<1	1.43	0.005	0.05	0.3	0.04	3.5	0.1	<0.05	5	<0.5	<0.2
1888913	Soil	22	0.31	117	0.027	1	1.29	0.004	0.04	0.2	0.03	2.6	0.1	<0.05	4	<0.5	<0.2
1888914	Soil	26	0.38	155	0.032	1	1.48	0.005	0.05	0.2	0.04	3.9	0.1	<0.05	4	<0.5	<0.2
1888915	Soil	22	0.44	180	0.016	<1	1.42	0.005	0.04	0.2	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2
1888916	Soil	24	0.46	215	0.026	<1	1.34	0.004	0.05	0.2	0.04	3.8	<0.1	<0.05	4	<0.5	<0.2
1888917	Soil	20	0.33	151	0.018	<1	1.30	0.005	0.04	0.2	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1888918	Soil	21	0.34	150	0.018	1	1.32	0.005	0.05	0.2	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
1888919	Soil	24	0.46	111	0.020	1	1.71	0.005	0.05	0.1	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
1888920	Soil	18	0.27	90	0.023	2	0.99	0.003	0.04	0.3	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
1888921	Soil	26	0.36	91	0.020	<1	1.74	0.004	0.05	0.2	0.02	2.0	<0.1	<0.05	5	<0.5	<0.2
1888922	Soil	16	0.19	149	0.011	2	0.81	0.005	0.06	0.2	0.07	5.0	0.1	<0.05	2	<0.5	<0.2
1888923	Soil	19	0.31	92	0.022	2	1.36	0.004	0.05	0.3	0.02	2.6	<0.1	<0.05	3	<0.5	<0.2
1888924	Soil	27	0.37	251	0.031	2	1.45	0.005	0.06	0.2	0.08	6.8	0.1	<0.05	4	<0.5	<0.2
1888925	Soil	30	0.38	175	0.035	1	1.72	0.005	0.06	0.2	0.04	3.9	0.1	<0.05	5	<0.5	<0.2

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Project: Mint
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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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	1	0.01	0.001	1
1888926	Soil	0.7	14.8	8.7	48	<0.1	16.7	6.0	206	1.95	14.1	1.9	6.5	11	0.1	0.9	0.1	27	0.12	0.047	16
1888927	Soil	0.6	8.0	19.0	84	<0.1	13.4	12.0	461	2.93	6.8	0.5	12.5	11	<0.1	0.5	0.2	43	0.15	0.048	21
1888928	Soil	0.4	7.7	22.2	94	<0.1	12.6	9.1	426	3.10	3.9	<0.5	19.2	20	<0.1	0.4	0.9	42	0.33	0.090	48
1888929	Soil	0.9	11.6	8.2	47	<0.1	11.9	6.1	362	1.74	13.0	0.8	2.5	39	0.2	0.4	0.7	28	0.37	0.046	17
1888930	Soil	0.8	8.5	8.0	40	<0.1	10.2	3.9	223	1.55	9.3	<0.5	3.2	12	<0.1	0.5	0.4	32	0.16	0.036	14
1888931	Soil	0.8	10.6	7.3	43	<0.1	11.8	5.0	146	1.50	7.6	2.2	2.7	27	<0.1	0.3	0.3	30	0.29	0.063	15
1888932	Soil	0.7	6.9	4.5	33	<0.1	8.5	3.6	170	1.12	5.3	<0.5	2.5	23	<0.1	0.3	0.2	18	0.23	0.048	12
1888951	Soil	0.9	13.3	14.2	52	<0.1	12.8	5.4	229	2.06	15.3	3.7	3.4	7	0.1	1.4	0.1	29	0.08	0.053	15
1888952	Soil	0.7	10.8	11.2	37	<0.1	11.4	4.5	142	2.36	15.1	1.4	2.4	7	<0.1	0.8	0.2	34	0.07	0.052	14
1888953	Soil	0.9	15.5	10.8	45	<0.1	14.6	5.6	167	2.08	13.4	2.8	3.8	9	0.1	1.1	0.1	29	0.09	0.053	17
1888954	Soil	0.6	9.2	9.1	32	<0.1	8.9	3.4	125	1.56	11.0	0.7	1.3	7	<0.1	0.9	0.1	22	0.08	0.047	15
1888955	Soil	1.1	13.5	11.2	50	<0.1	13.3	4.7	153	2.31	14.9	3.0	1.6	9	<0.1	1.0	0.2	37	0.08	0.057	14
1888956	Soil	1.2	9.1	12.5	34	<0.1	9.4	3.7	126	2.60	13.1	1.9	2.9	8	<0.1	0.8	0.2	51	0.07	0.032	14
1888957	Soil	1.2	11.2	11.8	44	<0.1	11.0	4.4	146	2.46	13.8	2.2	2.5	8	<0.1	0.7	0.2	48	0.05	0.034	14
1888958	Soil	1.2	25.8	12.9	65	<0.1	22.9	9.3	311	2.56	19.7	3.4	4.4	9	0.2	1.3	0.2	38	0.07	0.033	18
1888959	Soil	1.2	21.2	11.4	60	<0.1	16.5	7.3	258	2.47	13.4	2.7	4.3	10	<0.1	0.8	0.2	40	0.10	0.071	18
1888960	Soil	1.0	13.2	10.3	45	<0.1	12.3	5.3	168	2.18	12.0	2.2	2.2	9	<0.1	0.6	0.2	35	0.08	0.046	13
1888961	Soil	1.7	33.3	14.1	89	<0.1	22.9	14.0	548	3.05	16.9	5.1	7.9	15	0.2	1.3	0.2	57	0.11	0.076	21
1888962	Soil	1.3	15.5	12.7	44	<0.1	12.2	5.1	141	2.60	12.5	2.0	5.2	10	<0.1	0.7	0.2	54	0.08	0.044	21
1888963	Soil	0.5	56.8	15.5	90	<0.1	47.5	22.0	479	3.60	15.6	9.2	18.1	9	<0.1	0.5	0.3	16	0.10	0.061	66
1888964	Soil	1.0	11.9	10.1	44	<0.1	12.5	5.5	164	2.41	11.6	2.0	4.3	6	<0.1	0.6	0.1	32	0.05	0.030	14
1888965	Soil	1.1	30.6	10.8	75	<0.1	26.3	9.8	386	2.43	11.5	7.7	6.7	16	0.2	0.9	0.2	35	0.12	0.042	20
1888966	Soil	0.8	18.3	12.7	67	<0.1	22.2	12.0	529	2.78	11.3	0.7	3.8	11	0.2	0.9	0.1	24	0.06	0.055	27
1888967	Soil	1.0	20.8	12.3	52	<0.1	19.8	9.5	280	2.44	11.3	3.3	4.8	8	0.1	0.7	0.2	33	0.05	0.033	26
1888968	Soil	1.0	39.5	10.0	78	<0.1	32.5	13.4	408	3.41	11.0	2.6	12.1	10	0.1	1.1	0.3	29	0.05	0.035	42
1888969	Soil	0.6	34.2	11.3	75	<0.1	29.8	12.2	478	2.99	16.6	1.6	12.4	8	0.2	1.5	0.3	21	0.06	0.050	43
1888970	Soil	0.6	33.2	11.0	70	<0.1	28.9	12.2	482	2.96	16.1	2.7	12.8	8	0.2	1.4	0.3	20	0.06	0.048	42
1888971	Soil	1.3	50.1	13.8	85	<0.1	18.7	7.5	454	4.32	11.1	1.8	16.4	22	0.1	3.8	0.7	25	0.04	0.090	77
1888972	Soil	1.0	15.7	11.5	53	<0.1	13.0	6.5	210	2.22	12.1	2.6	1.5	10	0.1	0.6	0.2	37	0.11	0.056	17
1888973	Soil	0.8	10.0	11.0	37	<0.1	9.6	3.6	108	2.15	12.0	1.5	1.1	10	<0.1	0.6	0.2	38	0.11	0.051	16

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1888926	Soil	16	0.27	119	0.027	1	0.91	0.004	0.04	0.4	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1888927	Soil	43	0.86	171	0.007	1	2.01	0.005	0.07	<0.1	0.06	4.4	<0.1	<0.05	8	<0.5	<0.2
1888928	Soil	43	0.90	153	0.004	2	2.01	0.005	0.09	0.3	0.03	7.2	0.1	<0.05	7	<0.5	<0.2
1888929	Soil	16	0.27	239	0.011	1	0.95	0.005	0.05	0.5	0.06	1.8	0.1	<0.05	3	<0.5	<0.2
1888930	Soil	16	0.26	153	0.019	2	1.02	0.004	0.05	0.4	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1888931	Soil	18	0.32	265	0.015	2	1.09	0.005	0.04	0.4	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
1888932	Soil	11	0.22	153	0.011	1	0.66	0.003	0.02	0.4	0.02	1.2	<0.1	<0.05	2	<0.5	<0.2
1888951	Soil	19	0.31	68	0.015	1	1.09	0.004	0.04	0.7	0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
1888952	Soil	20	0.30	65	0.016	1	1.22	0.004	0.03	0.3	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
1888953	Soil	20	0.30	91	0.020	1	1.29	0.005	0.04	0.3	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
1888954	Soil	14	0.24	53	0.012	1	1.04	0.003	0.03	0.3	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
1888955	Soil	22	0.32	112	0.020	1	1.37	0.005	0.04	0.4	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1888956	Soil	26	0.31	109	0.026	<1	1.62	0.005	0.03	0.3	0.02	2.1	0.1	<0.05	5	0.6	<0.2
1888957	Soil	24	0.30	103	0.025	1	1.45	0.004	0.04	0.2	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
1888958	Soil	25	0.40	154	0.026	1	1.65	0.005	0.04	0.4	0.04	3.4	<0.1	<0.05	4	0.6	<0.2
1888959	Soil	24	0.41	192	0.027	<1	1.66	0.006	0.04	0.2	0.04	3.9	<0.1	<0.05	4	0.7	<0.2
1888960	Soil	21	0.35	126	0.021	<1	1.34	0.004	0.03	0.2	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1888961	Soil	33	0.50	341	0.029	2	2.19	0.008	0.06	0.2	0.06	6.2	0.2	<0.05	5	0.7	<0.2
1888962	Soil	29	0.36	173	0.032	1	1.79	0.006	0.04	0.3	0.03	5.2	0.2	<0.05	6	0.7	<0.2
1888963	Soil	25	0.76	121	0.013	1	1.87	0.004	0.05	<0.1	0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
1888964	Soil	23	0.35	72	0.024	<1	1.38	0.003	0.03	0.2	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1888965	Soil	21	0.38	309	0.033	1	1.40	0.006	0.06	0.2	0.04	3.3	<0.1	<0.05	4	<0.5	<0.2
1888966	Soil	15	0.20	97	0.012	<1	1.17	0.005	0.04	0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1888967	Soil	22	0.32	136	0.021	<1	1.38	0.005	0.04	0.2	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1888968	Soil	25	0.45	184	0.019	<1	1.70	0.007	0.05	0.2	0.03	3.3	<0.1	<0.05	4	<0.5	<0.2
1888969	Soil	20	0.41	104	0.015	1	1.39	0.005	0.04	0.3	0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
1888970	Soil	19	0.40	100	0.014	<1	1.34	0.004	0.04	0.2	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1888971	Soil	29	0.68	73	0.011	<1	2.03	0.006	0.04	0.1	0.02	2.1	<0.1	<0.05	6	<0.5	<0.2
1888972	Soil	24	0.33	139	0.017	2	1.58	0.005	0.04	0.2	0.06	1.8	<0.1	<0.05	4	<0.5	<0.2
1888973	Soil	21	0.28	90	0.019	1	1.28	0.004	0.04	0.3	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2

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	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	1	0.01	0.001	1
1888974	Soil	0.8	8.1	10.0	34	<0.1	9.4	3.7	103	2.10	10.6	2.4	1.6	8	<0.1	0.5	0.1	38	0.07	0.044	13
1888975	Soil	0.8	6.8	9.9	30	<0.1	8.8	3.4	104	1.93	10.8	11.5	1.8	8	<0.1	0.5	0.2	37	0.06	0.035	14
1888976	Soil	0.8	11.7	9.2	42	<0.1	12.2	5.2	145	2.03	13.0	7.8	3.1	9	<0.1	0.5	0.4	32	0.08	0.022	16
1888977	Soil	0.9	24.4	11.0	54	<0.1	18.8	7.6	265	2.23	14.0	3.6	7.0	8	0.1	0.9	0.3	32	0.05	0.020	21
1888978	Soil	0.6	18.9	12.3	50	<0.1	18.2	7.2	226	2.40	10.5	3.0	6.2	11	<0.1	0.8	0.4	26	0.09	0.038	27
1888979	Soil	0.9	14.4	11.2	46	<0.1	14.4	6.8	180	2.41	23.7	2.6	4.5	9	<0.1	0.6	0.5	37	0.07	0.024	15
1888980	Soil	1.2	7.6	9.9	44	<0.1	12.0	5.2	143	2.36	12.6	0.8	5.2	8	<0.1	0.6	0.7	35	0.07	0.024	15
1888981	Soil	0.7	9.8	9.0	39	<0.1	10.8	4.9	163	1.87	9.6	3.3	4.6	10	<0.1	0.4	0.1	35	0.10	0.022	14
1888982	Soil	0.7	10.4	8.7	44	0.1	11.9	5.8	234	1.84	8.7	1.4	4.6	16	<0.1	0.4	0.1	36	0.17	0.022	20
1888983	Soil	0.5	9.5	8.0	39	0.1	10.0	4.3	133	1.44	6.0	78.8	4.4	22	0.1	0.4	<0.1	24	0.36	0.049	18
1888984	Soil	0.8	12.5	11.8	51	0.1	12.7	6.5	354	2.02	8.9	28.0	6.5	17	0.1	0.5	0.1	37	0.21	0.029	22
1888985	Soil	1.1	11.0	11.1	48	0.1	13.4	5.9	276	2.07	10.5	2.1	3.8	13	0.2	0.5	0.1	39	0.13	0.033	18
1888986	Soil	0.7	9.2	14.8	57	0.1	9.4	5.5	394	1.77	4.9	14.5	6.5	42	0.2	0.8	0.1	21	0.55	0.068	22
1888987	Soil	0.8	15.7	13.8	49	<0.1	15.1	6.5	194	2.37	11.0	1.4	6.9	15	<0.1	0.7	0.2	36	0.17	0.032	17
1888988	Soil	0.9	6.7	10.9	44	<0.1	9.3	5.7	281	1.93	8.3	2.6	3.0	12	<0.1	0.4	0.2	39	0.12	0.035	12
1888989	Soil	0.8	17.6	11.3	47	<0.1	16.2	7.5	217	2.30	11.0	1.8	5.1	11	<0.1	0.6	0.2	36	0.10	0.024	14
1888990	Soil	0.6	4.3	7.2	28	<0.1	6.1	2.6	120	1.27	4.3	<0.5	2.3	13	0.1	0.3	0.1	30	0.11	0.022	11
1888991	Soil	1.0	9.1	10.9	49	0.1	9.6	4.9	195	1.97	11.9	0.6	3.0	13	0.2	0.7	0.2	37	0.12	0.049	15
1888992	Soil	1.0	19.6	11.4	55	0.3	13.5	7.7	1122	1.71	14.9	0.6	2.9	133	0.5	1.4	0.1	30	1.95	0.092	37
1888993	Soil	0.6	8.7	9.3	52	<0.1	11.3	5.3	171	1.70	9.2	8.5	5.4	19	0.1	0.7	0.1	27	0.21	0.044	17
1888994	Soil	0.5	23.4	11.3	63	<0.1	21.4	8.2	350	2.21	18.3	2.1	9.0	21	0.2	1.8	0.2	25	0.27	0.061	25
1888995	Soil	0.6	16.4	12.8	55	<0.1	18.7	7.8	204	2.30	18.1	2.6	10.2	10	0.1	2.7	0.2	27	0.08	0.024	21
1888996	Soil	0.9	15.7	13.5	62	<0.1	17.6	6.2	253	2.44	20.7	<0.5	7.0	9	0.2	3.7	0.2	28	0.08	0.069	21
1888997	Soil	0.7	13.9	8.6	45	<0.1	13.3	5.0	137	1.73	12.2	<0.5	3.4	14	<0.1	1.0	0.1	29	0.15	0.041	16
1888998	Soil	0.7	13.5	9.3	48	<0.1	13.0	5.8	187	1.83	11.2	0.8	3.8	23	<0.1	0.8	0.1	28	0.24	0.043	18
1888999	Soil	0.9	16.0	10.4	45	<0.1	12.7	5.4	197	1.92	13.8	0.7	4.5	11	<0.1	0.8	0.1	33	0.11	0.035	16
1889000	Soil	0.6	11.9	9.8	40	<0.1	12.5	5.4	142	1.98	13.2	1.8	5.1	10	<0.1	0.7	0.1	33	0.09	0.026	16
1890453	Soil	1.4	10.9	15.6	59	0.1	10.7	15.8	931	2.72	9.5	4.8	5.2	10	0.2	0.4	0.2	51	0.10	0.073	17
1890454	Soil	0.7	6.0	8.9	24	<0.1	5.5	2.2	75	1.20	5.3	<0.5	0.6	11	0.2	0.2	0.1	37	0.11	0.035	11
1890455	Soil	1.0	14.9	10.4	48	<0.1	15.1	6.6	184	2.31	13.9	1.4	5.7	7	0.1	0.9	0.1	31	0.05	0.033	15

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Project: Mint
Report Date: August 12, 2019

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1888974	Soil	20	0.28	80	0.018	1	1.25	0.004	0.03	0.2	0.03	1.6	0.1	<0.05	4	<0.5	<0.2
1888975	Soil	19	0.23	77	0.023	<1	1.41	0.004	0.03	0.2	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1888976	Soil	20	0.28	138	0.017	1	1.24	0.004	0.04	0.2	0.02	2.0	0.1	<0.05	4	<0.5	<0.2
1888977	Soil	21	0.34	158	0.027	1	1.21	0.004	0.04	0.2	0.05	4.7	<0.1	<0.05	3	<0.5	<0.2
1888978	Soil	20	0.35	143	0.013	1	1.25	0.004	0.05	0.2	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2
1888979	Soil	24	0.34	139	0.025	1	1.48	0.004	0.04	0.2	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
1888980	Soil	20	0.30	113	0.013	<1	1.14	0.004	0.05	0.3	0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
1888981	Soil	19	0.30	174	0.021	<1	1.32	0.004	0.03	0.2	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
1888982	Soil	19	0.34	208	0.021	1	1.33	0.006	0.03	0.3	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
1888983	Soil	15	0.24	155	0.010	1	0.95	0.005	0.04	0.6	0.05	2.3	0.1	<0.05	3	<0.5	<0.2
1888984	Soil	22	0.37	221	0.014	1	1.50	0.006	0.04	0.3	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
1888985	Soil	20	0.31	184	0.022	1	1.31	0.005	0.05	0.4	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1888986	Soil	14	0.24	313	0.003	3	1.11	0.004	0.05	0.4	0.14	3.4	0.1	<0.05	3	<0.5	<0.2
1888987	Soil	23	0.38	145	0.025	1	1.60	0.006	0.04	0.3	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1888988	Soil	18	0.27	160	0.023	1	1.17	0.004	0.03	0.4	0.01	1.7	0.1	<0.05	5	<0.5	<0.2
1888989	Soil	24	0.39	176	0.028	1	1.52	0.005	0.04	0.2	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1888990	Soil	12	0.18	162	0.020	1	0.80	0.004	0.02	0.2	0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
1888991	Soil	18	0.25	146	0.019	2	1.19	0.004	0.04	0.3	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1888992	Soil	19	0.30	406	0.019	7	1.37	0.010	0.05	0.4	0.07	2.4	<0.1	0.07	3	0.8	<0.2
1888993	Soil	18	0.29	174	0.016	2	1.20	0.007	0.04	0.4	0.04	2.3	0.1	<0.05	4	<0.5	<0.2
1888994	Soil	20	0.40	137	0.035	1	1.14	0.010	0.07	0.4	0.03	2.8	<0.1	<0.05	3	<0.5	<0.2
1888995	Soil	22	0.40	105	0.025	1	1.68	0.005	0.05	0.3	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
1888996	Soil	20	0.31	78	0.020	2	1.16	0.004	0.04	0.3	0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
1888997	Soil	17	0.28	147	0.019	2	1.00	0.004	0.03	0.4	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2
1888998	Soil	19	0.31	193	0.024	2	1.15	0.005	0.04	0.5	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
1888999	Soil	19	0.31	125	0.027	1	1.26	0.005	0.04	0.3	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1889000	Soil	21	0.32	103	0.028	2	1.49	0.005	0.04	0.3	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
1890453	Soil	25	0.28	167	0.021	1	1.66	0.006	0.05	0.2	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1890454	Soil	15	0.18	146	0.020	1	0.96	0.005	0.04	0.1	0.02	0.6	<0.1	<0.05	4	<0.5	<0.2
1890455	Soil	22	0.33	110	0.022	1	1.38	0.004	0.04	0.2	0.03	2.9	<0.1	<0.05	3	<0.5	<0.2

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Project: Mint
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		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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	1	0.01	0.001	1
1890456	Soil		1.0	17.8	12.5	70	<0.1	21.8	9.6	579	2.39	13.2	2.0	6.0	12	0.2	1.0	0.2	32	0.12	0.078	17
1890457	Soil		0.7	6.0	11.4	27	<0.1	8.3	3.1	80	1.92	10.9	<0.5	1.0	8	<0.1	0.4	0.2	39	0.07	0.029	13
1890458	Soil		0.7	7.1	8.4	28	<0.1	8.4	3.0	79	1.67	8.3	<0.5	0.7	9	0.1	0.4	0.1	29	0.07	0.036	14
1890459	Soil		0.9	7.9	10.7	36	<0.1	10.5	4.5	138	2.60	12.8	0.9	3.7	6	0.1	0.5	0.2	38	0.05	0.033	13
1890460	Soil		1.0	9.3	12.1	47	<0.1	12.4	5.1	173	2.69	14.1	0.8	3.3	9	0.2	0.7	0.2	42	0.07	0.035	13
1890461	Soil		1.2	11.1	11.9	50	<0.1	13.7	5.7	218	2.43	14.9	1.8	5.5	8	0.1	0.8	0.2	37	0.06	0.034	14
1890462	Soil		0.8	17.9	13.5	54	<0.1	20.3	8.9	212	2.24	15.1	11.7	8.1	10	0.1	1.1	0.1	27	0.10	0.052	16
1890463	Soil		1.1	7.4	9.7	34	<0.1	9.7	3.4	92	1.97	10.8	10.6	0.9	9	<0.1	0.5	0.2	38	0.10	0.049	13
1890464	Soil		0.4	19.2	8.6	44	<0.1	17.5	5.1	153	1.94	15.7	<0.5	1.8	12	<0.1	1.0	0.1	37	0.14	0.039	15
1890465	Soil		0.9	17.3	13.7	57	<0.1	16.9	7.8	441	2.33	34.7	1.2	4.2	11	0.2	2.3	0.3	37	0.13	0.068	16
1890466	Soil		1.4	10.6	9.4	35	<0.1	8.3	3.2	125	1.64	22.2	5.6	0.7	8	0.1	1.1	0.3	44	0.07	0.069	16
1890467	Soil		0.9	13.6	9.6	50	<0.1	14.8	5.7	150	2.23	13.8	3.6	2.9	9	<0.1	0.7	0.1	30	0.10	0.054	15
1890468	Soil		0.7	15.1	11.4	48	<0.1	14.0	6.2	230	1.90	11.9	0.6	4.9	9	<0.1	1.1	0.2	29	0.09	0.044	20
1890469	Soil		1.1	9.3	11.1	33	<0.1	8.4	3.1	103	1.89	12.2	0.7	1.5	8	<0.1	0.7	0.2	40	0.08	0.048	15
1890470	Soil		0.6	8.8	7.8	33	<0.1	9.5	3.3	107	1.55	10.6	1.2	1.2	7	0.1	1.1	0.1	26	0.06	0.036	18
1890471	Soil		1.1	9.3	11.6	42	<0.1	11.4	4.1	140	2.22	13.5	1.0	2.0	8	<0.1	0.9	0.2	41	0.09	0.031	14
1901051	Soil		0.7	12.4	14.5	54	<0.1	12.2	5.2	135	1.98	21.4	1.0	8.2	12	<0.1	2.1	0.1	25	0.07	0.032	17
1901052	Soil		0.9	9.0	10.8	36	<0.1	9.9	4.2	175	1.88	8.9	<0.5	3.5	10	0.2	0.4	0.1	36	0.08	0.025	14
1901053	Soil		1.1	6.6	12.9	41	0.1	9.3	4.3	164	2.12	10.9	3.5	5.8	11	0.2	0.5	0.2	45	0.09	0.022	15
1901054	Soil		0.8	11.7	13.1	42	0.1	10.8	4.3	145	1.80	9.0	3.7	2.3	30	0.2	0.5	0.2	36	0.38	0.038	24
1901055	Soil		1.1	12.2	12.6	51	0.1	13.6	6.0	197	2.40	11.7	2.5	5.3	14	0.2	0.7	0.2	45	0.12	0.025	17
1901056	Soil		1.0	18.4	22.4	96	0.2	19.2	10.5	387	2.98	23.4	2.4	6.2	35	0.3	1.3	0.3	57	0.25	0.049	21
1901057	Soil		1.0	7.5	10.4	47	<0.1	10.5	4.9	171	2.09	12.0	19.5	4.1	17	0.1	0.7	0.2	48	0.15	0.026	15
1901058	Soil		1.6	6.4	7.7	32	<0.1	8.3	3.7	150	2.20	13.1	1.7	3.6	10	0.1	0.8	0.2	60	0.07	0.021	15
1901059	Soil		1.3	15.4	14.3	71	<0.1	14.8	6.8	309	2.47	19.9	3.7	6.4	26	0.2	1.3	0.3	52	0.25	0.038	25
1901060	Soil		0.5	19.8	10.4	61	<0.1	19.0	8.6	346	1.93	11.5	2.8	5.9	28	0.2	1.3	0.1	34	0.27	0.064	24
1901061	Soil		1.1	15.3	9.2	58	<0.1	15.8	7.3	450	1.77	10.5	5.9	5.6	42	0.2	1.2	0.1	31	0.42	0.063	22
1901062	Soil		1.6	21.2	12.7	68	0.1	19.7	8.7	584	2.17	13.9	7.7	6.4	39	0.2	1.6	0.2	37	0.37	0.073	26
1901063	Soil		1.5	17.6	13.7	62	0.1	15.2	6.8	250	2.22	19.6	6.2	4.6	27	0.3	1.6	0.2	39	0.25	0.042	22
1901064	Soil		1.1	15.4	10.4	50	<0.1	13.5	7.1	268	2.14	13.5	13.6	5.8	15	<0.1	1.0	0.2	36	0.16	0.049	21

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	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
1890456	Soil	21	0.35	114	0.022	2	1.30	0.004	0.06	0.2	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
1890457	Soil	18	0.23	86	0.019	1	1.06	0.004	0.03	0.2	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1890458	Soil	16	0.19	100	0.015	1	0.96	0.004	0.03	0.2	0.02	0.8	0.1	<0.05	4	<0.5	<0.2
1890459	Soil	21	0.27	78	0.025	<1	1.29	0.003	0.03	0.2	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1890460	Soil	24	0.32	105	0.025	2	1.59	0.004	0.03	0.2	0.03	1.9	<0.1	<0.05	5	<0.5	<0.2
1890461	Soil	21	0.32	72	0.035	1	1.20	0.003	0.04	0.3	0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
1890462	Soil	20	0.31	98	0.021	2	1.67	0.004	0.05	0.3	0.03	2.5	<0.1	<0.05	3	<0.5	<0.2
1890463	Soil	20	0.27	84	0.022	1	1.07	0.005	0.04	0.2	0.03	1.2	<0.1	<0.05	5	<0.5	<0.2
1890464	Soil	26	0.37	76	0.049	1	1.36	0.007	0.04	0.3	0.03	2.1	0.2	<0.05	4	<0.5	<0.2
1890465	Soil	23	0.35	65	0.049	2	1.18	0.005	0.05	0.7	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2
1890466	Soil	16	0.17	69	0.027	<1	0.95	0.003	0.04	0.4	0.01	1.1	0.1	<0.05	5	<0.5	<0.2
1890467	Soil	21	0.34	83	0.023	1	1.26	0.004	0.04	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
1890468	Soil	20	0.34	97	0.025	1	1.35	0.005	0.04	0.3	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
1890469	Soil	22	0.24	80	0.020	2	1.42	0.005	0.04	0.2	0.03	1.4	0.1	<0.05	5	<0.5	<0.2
1890470	Soil	16	0.25	59	0.016	1	1.02	0.004	0.03	0.2	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
1890471	Soil	21	0.28	78	0.025	2	1.13	0.006	0.04	0.3	0.03	1.6	<0.1	<0.05	5	<0.5	<0.2
1901051	Soil	16	0.25	74	0.008	3	1.20	0.004	0.04	0.4	0.03	2.3	0.1	<0.05	3	<0.5	<0.2
1901052	Soil	17	0.23	126	0.019	1	1.30	0.004	0.04	0.4	0.02	1.8	0.1	<0.05	5	<0.5	<0.2
1901053	Soil	20	0.29	130	0.021	2	1.51	0.004	0.04	0.3	0.02	2.1	0.2	<0.05	5	<0.5	<0.2
1901054	Soil	20	0.29	174	0.017	2	1.44	0.008	0.05	0.2	0.04	1.9	0.1	<0.05	5	<0.5	<0.2
1901055	Soil	27	0.36	177	0.027	<1	1.85	0.005	0.05	0.3	0.04	2.7	0.1	<0.05	5	<0.5	<0.2
1901056	Soil	32	0.48	326	0.027	3	2.69	0.009	0.08	0.4	0.03	3.8	0.2	<0.05	7	<0.5	<0.2
1901057	Soil	20	0.29	155	0.033	2	1.30	0.004	0.05	0.3	0.01	1.9	0.1	<0.05	5	<0.5	<0.2
1901058	Soil	19	0.22	107	0.044	2	1.14	0.004	0.04	0.3	0.02	1.8	0.1	<0.05	6	<0.5	<0.2
1901059	Soil	27	0.40	343	0.030	5	2.07	0.008	0.08	0.5	0.04	3.5	0.2	<0.05	7	<0.5	<0.2
1901060	Soil	23	0.39	227	0.042	2	1.29	0.012	0.06	0.3	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1901061	Soil	20	0.37	226	0.035	2	1.23	0.011	0.06	0.3	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
1901062	Soil	25	0.40	347	0.033	2	1.46	0.010	0.06	0.5	0.04	3.8	0.1	<0.05	4	<0.5	<0.2
1901063	Soil	24	0.36	215	0.021	3	1.59	0.008	0.06	0.4	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
1901064	Soil	22	0.35	179	0.032	2	1.42	0.006	0.05	0.5	0.02	2.6	0.1	<0.05	4	0.5	<0.2

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Project: Mint
Report Date: August 12, 2019

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		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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	1	0.01	0.001	1
1901065	Soil		0.8	12.2	8.2	37	<0.1	11.1	3.8	108	1.65	9.7	8.7	4.8	12	<0.1	0.6	0.1	32	0.12	0.031	21
1901066	Soil		0.9	18.9	11.4	51	0.1	15.3	6.4	169	2.02	13.9	2.3	3.9	17	0.2	1.5	0.2	37	0.16	0.039	20
1901067	Soil		0.8	14.2	9.9	47	<0.1	13.6	6.0	206	1.97	12.2	10.7	4.5	18	0.1	1.2	0.2	33	0.19	0.043	21
1901068	Soil		0.9	22.1	13.3	64	<0.1	19.6	8.4	339	2.24	13.4	6.6	8.9	21	0.1	1.5	0.1	37	0.19	0.043	24
1901069	Soil		0.8	25.9	13.0	70	<0.1	21.7	9.0	372	2.37	15.5	7.8	9.7	29	0.2	2.2	0.2	35	0.29	0.064	32
1901070	Soil		0.9	14.0	11.8	57	0.1	12.7	5.8	242	1.84	13.8	2.0	4.1	19	0.1	1.2	0.3	33	0.19	0.046	21
1901071	Soil		0.9	17.6	12.3	60	<0.1	16.9	7.2	257	2.22	15.0	2.9	6.2	20	0.1	1.7	0.2	39	0.16	0.041	22
1901072	Soil		0.6	23.0	11.4	55	0.1	18.7	6.8	251	2.04	14.3	2.4	3.5	23	0.2	1.8	0.2	33	0.26	0.065	22
1901073	Soil		0.8	14.5	10.1	47	<0.1	13.1	5.2	166	1.89	10.5	2.4	7.2	14	0.1	0.8	0.1	31	0.13	0.037	22
1901074	Soil		1.1	12.2	11.4	42	<0.1	13.0	5.2	161	2.18	14.9	2.1	5.8	11	<0.1	0.9	0.2	38	0.09	0.021	15
1901075	Soil		0.5	27.9	14.4	76	<0.1	24.3	10.2	514	2.56	19.8	3.8	12.5	33	0.2	2.2	0.3	30	0.43	0.071	34
1901076	Soil		0.5	18.2	11.5	61	<0.1	16.9	7.3	266	2.16	12.5	1.4	10.6	23	0.1	1.5	0.2	25	0.24	0.058	33
1901077	Soil		0.5	25.6	11.7	63	<0.1	21.0	9.2	440	2.29	14.2	3.4	8.9	29	0.1	1.5	0.2	32	0.35	0.073	28
1901078	Soil		0.3	18.1	13.7	65	<0.1	15.5	7.7	330	2.13	32.2	2.0	12.3	35	0.3	1.6	0.2	26	0.40	0.070	30
1901079	Soil		0.5	16.9	9.9	54	<0.1	16.8	6.7	288	1.93	10.9	8.6	10.3	23	0.2	1.1	0.1	27	0.25	0.060	28
1901080	Soil		0.7	20.0	12.5	73	0.2	16.2	7.7	497	2.12	14.3	12.3	3.5	26	0.2	1.5	0.2	26	0.26	0.059	28
1901081	Soil		0.6	15.7	10.9	46	<0.1	12.6	4.7	194	1.83	13.3	2.1	6.9	20	<0.1	1.1	0.2	28	0.21	0.045	24
1901082	Soil		0.5	16.7	9.6	51	<0.1	14.3	5.6	231	1.87	13.1	1.1	9.1	23	0.1	1.3	0.2	26	0.26	0.059	27
1901083	Soil		0.6	19.0	10.6	64	0.1	16.9	5.8	223	2.09	13.4	2.3	9.8	24	0.1	1.3	0.2	30	0.26	0.053	26
1901084	Soil		0.6	12.3	7.4	50	<0.1	13.1	4.8	144	1.69	12.2	5.1	6.9	21	0.1	1.0	0.1	28	0.19	0.043	23
1901085	Soil		1.2	19.9	13.8	69	<0.1	18.3	7.8	349	2.41	35.5	0.8	13.5	63	0.2	2.2	0.8	26	0.52	0.068	42
1901086	Soil		1.8	14.4	10.1	54	<0.1	13.5	5.5	247	1.73	25.1	1.5	8.2	122	0.2	1.4	0.3	25	0.87	0.056	25
1901087	Soil		1.2	11.2	8.8	49	<0.1	11.3	5.3	219	1.55	35.4	1.3	6.2	94	0.1	1.3	0.2	23	0.67	0.053	25
1901088	Soil		1.7	19.1	11.7	66	0.1	16.2	6.9	408	2.03	48.2	1.0	5.5	115	0.3	1.8	0.3	27	0.92	0.068	38
1901089	Soil		1.1	13.0	10.2	51	<0.1	12.9	5.3	179	1.84	11.4	2.2	7.4	21	<0.1	0.8	0.2	29	0.23	0.047	19
1901090	Soil		1.2	13.1	11.4	54	<0.1	12.5	5.7	239	1.96	12.2	1.9	6.0	31	0.1	0.8	0.2	33	0.30	0.048	19
1901091	Soil		0.7	18.8	19.9	70	0.1	18.2	7.6	289	2.79	19.4	1.3	9.5	19	0.2	1.2	0.3	31	0.18	0.039	24
1901092	Soil		0.9	19.6	18.6	78	0.1	18.8	10.7	662	2.82	21.2	2.0	9.6	24	0.2	1.2	0.3	36	0.25	0.082	26
1901093	Soil		0.5	23.4	17.6	76	<0.1	21.8	8.9	306	2.84	19.0	7.5	13.7	26	0.1	1.1	0.3	33	0.23	0.040	24
1901094	Soil		0.4	26.3	17.3	98	0.1	23.6	12.2	515	3.15	28.4	2.8	19.2	40	0.2	2.4	0.3	31	0.59	0.077	46

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1901065	Soil	18	0.27	127	0.026	2	1.00	0.004	0.04	0.5	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
1901066	Soil	22	0.36	202	0.021	2	1.53	0.008	0.05	0.3	0.04	2.7	0.1	<0.05	4	<0.5	<0.2
1901067	Soil	20	0.32	153	0.027	2	1.23	0.006	0.05	0.3	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1901068	Soil	24	0.43	210	0.040	2	1.52	0.008	0.04	0.3	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1901069	Soil	25	0.42	210	0.054	2	1.41	0.010	0.07	0.3	0.04	4.3	0.1	<0.05	4	<0.5	<0.2
1901070	Soil	21	0.35	182	0.020	2	1.36	0.005	0.05	0.3	0.04	2.7	<0.1	<0.05	4	<0.5	<0.2
1901071	Soil	24	0.36	183	0.038	2	1.61	0.008	0.05	0.4	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
1901072	Soil	22	0.36	176	0.033	2	1.28	0.012	0.07	0.4	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
1901073	Soil	19	0.30	143	0.030	1	1.29	0.005	0.04	0.4	0.02	2.4	0.1	<0.05	4	<0.5	<0.2
1901074	Soil	21	0.30	158	0.023	2	1.51	0.005	0.05	0.3	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
1901075	Soil	25	0.49	170	0.048	3	1.45	0.016	0.11	0.5	0.05	3.8	<0.1	<0.05	4	<0.5	<0.2
1901076	Soil	21	0.39	151	0.030	2	1.31	0.009	0.07	0.3	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
1901077	Soil	23	0.45	163	0.063	1	1.21	0.013	0.08	0.4	0.04	3.7	<0.1	<0.05	4	<0.5	<0.2
1901078	Soil	22	0.48	140	0.056	2	1.45	0.016	0.07	0.4	0.03	3.7	<0.1	<0.05	4	<0.5	<0.2
1901079	Soil	21	0.38	185	0.044	2	1.18	0.008	0.06	0.3	0.03	3.0	<0.1	<0.05	3	<0.5	<0.2
1901080	Soil	20	0.33	180	0.020	3	1.31	0.008	0.10	0.3	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
1901081	Soil	19	0.31	148	0.025	2	1.27	0.007	0.05	0.4	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
1901082	Soil	19	0.35	151	0.037	2	1.19	0.009	0.06	0.4	0.03	2.8	<0.1	<0.05	3	<0.5	<0.2
1901083	Soil	22	0.38	157	0.040	2	1.42	0.009	0.07	0.3	0.04	3.1	<0.1	<0.05	4	<0.5	<0.2
1901084	Soil	18	0.33	136	0.035	2	1.16	0.008	0.05	0.4	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
1901085	Soil	24	0.46	195	0.040	4	1.51	0.015	0.09	0.4	0.05	3.7	0.1	<0.05	5	<0.5	<0.2
1901086	Soil	21	0.42	163	0.034	4	1.29	0.013	0.06	0.3	0.04	3.2	<0.1	<0.05	4	<0.5	<0.2
1901087	Soil	18	0.32	142	0.020	5	1.12	0.010	0.05	0.3	0.04	2.6	<0.1	<0.05	3	<0.5	<0.2
1901088	Soil	23	0.39	268	0.020	4	1.50	0.013	0.06	0.3	0.08	3.8	<0.1	<0.05	4	0.6	<0.2
1901089	Soil	18	0.31	215	0.021	2	1.10	0.005	0.04	0.4	0.05	2.3	<0.1	<0.05	3	<0.5	<0.2
1901090	Soil	19	0.32	234	0.021	2	1.13	0.006	0.04	0.4	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2
1901091	Soil	23	0.44	130	0.018	2	1.73	0.007	0.08	0.3	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1901092	Soil	26	0.48	220	0.027	3	1.74	0.007	0.08	0.3	0.03	3.3	<0.1	<0.05	6	<0.5	<0.2
1901093	Soil	29	0.59	134	0.044	2	1.82	0.007	0.08	0.3	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1901094	Soil	31	0.66	186	0.056	3	1.84	0.021	0.17	0.3	0.05	4.9	0.2	<0.05	6	<0.5	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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	1	0.01	0.001	1
1901095	Soil	1.0	15.5	20.2	73	<0.1	17.4	8.7	341	2.81	19.8	1.0	3.2	18	0.2	1.1	0.4	40	0.19	0.072	22
1901096	Soil	0.7	16.8	7.6	45	<0.1	16.5	5.9	169	1.73	12.1	2.6	5.5	10	<0.1	0.9	0.1	25	0.10	0.034	14
1901097	Soil	0.6	14.8	8.2	38	<0.1	12.9	5.7	167	1.73	8.9	14.6	4.7	18	<0.1	0.5	0.1	31	0.19	0.039	16
1901098	Soil	0.8	13.5	7.8	35	0.1	12.8	4.1	111	1.49	14.5	10.4	0.7	7	0.3	1.1	0.2	25	0.04	0.044	25
1901099	Soil	0.8	57.5	11.0	115	<0.1	73.6	27.7	739	4.71	10.7	3.3	9.2	8	0.1	7.3	0.5	14	0.05	0.075	41
1901100	Soil	1.1	22.7	12.6	51	0.1	17.5	7.4	282	3.00	14.3	28.3	4.1	6	<0.1	1.7	0.3	37	0.05	0.054	23
1901101	Soil	0.9	17.7	15.5	63	0.3	14.7	6.1	159	2.34	26.6	1.1	6.0	27	0.2	1.5	0.3	43	0.26	0.039	25
1901102	Soil	0.6	11.9	10.5	52	<0.1	12.8	5.4	167	1.75	13.3	21.0	8.3	22	<0.1	1.0	0.1	30	0.21	0.032	25
1901103	Soil	0.5	12.3	12.5	53	<0.1	12.6	5.9	239	1.99	21.4	2.1	8.5	29	<0.1	1.3	0.2	32	0.26	0.041	22
1901104	Soil	0.7	13.9	12.7	52	0.1	13.3	5.9	208	1.98	20.7	2.4	7.0	22	0.1	1.3	0.1	33	0.32	0.039	24
1901105	Soil	0.8	12.5	11.1	50	<0.1	13.3	5.9	195	1.95	13.2	7.5	7.4	17	<0.1	0.9	0.1	32	0.17	0.040	15
1901106	Soil	0.9	12.6	10.8	53	<0.1	14.7	6.6	209	2.10	12.7	1.1	7.4	17	<0.1	0.9	0.1	36	0.19	0.037	16
1901107	Soil	0.9	9.5	12.3	58	<0.1	10.7	6.7	363	1.93	8.8	1.7	6.4	37	0.1	0.6	0.1	29	0.52	0.039	22
1901108	Soil	0.6	9.3	7.9	48	<0.1	10.1	4.2	122	1.48	9.2	0.6	4.2	14	0.1	0.5	0.1	28	0.16	0.039	16
1901109	Soil	0.8	11.5	10.8	45	<0.1	12.8	5.1	148	1.91	12.9	1.4	5.3	14	<0.1	0.7	0.1	36	0.13	0.027	17
1901110	Soil	1.0	11.9	10.6	67	<0.1	16.5	6.5	201	2.23	15.0	6.2	4.9	19	0.1	1.0	0.2	35	0.16	0.068	14
1901111	Soil	0.9	11.4	12.9	56	<0.1	11.6	6.1	331	1.88	7.1	1.6	4.5	25	0.2	0.4	0.1	29	0.38	0.056	19
1901112	Soil	1.5	21.7	11.4	58	<0.1	18.4	8.0	326	1.87	13.2	8.5	7.2	55	0.2	1.3	0.2	30	0.47	0.065	25
1901113	Soil	0.7	16.0	10.2	55	<0.1	15.0	6.8	271	1.76	12.0	4.5	6.6	35	0.1	1.5	0.2	28	0.38	0.078	23
1901114	Soil	1.0	14.5	11.9	48	0.1	14.0	5.2	155	1.93	25.3	6.9	4.8	18	<0.1	1.7	0.2	32	0.17	0.059	23
1901115	Soil	1.0	15.1	10.2	51	<0.1	13.4	5.5	161	2.15	13.1	5.1	4.3	11	0.1	0.9	0.2	36	0.11	0.047	17
1901116	Soil	1.0	16.2	11.6	49	<0.1	14.7	5.4	151	1.94	11.7	1.6	5.5	24	0.5	1.3	0.2	33	0.18	0.030	22
1901117	Soil	0.7	17.7	23.3	71	<0.1	14.4	7.5	197	2.43	45.5	5.0	8.7	43	0.2	3.0	0.2	33	0.22	0.064	22
1901118	Soil	0.7	18.3	16.3	61	<0.1	14.6	7.8	308	1.91	32.4	1.2	10.4	41	<0.1	1.8	0.1	28	0.39	0.064	32
1901119	Soil	0.7	20.2	10.4	49	<0.1	18.0	7.8	184	2.02	15.8	15.4	7.2	9	<0.1	0.9	0.1	29	0.09	0.031	16
1901120	Soil	1.0	12.2	9.8	48	<0.1	12.7	6.6	320	1.70	9.8	5.4	1.0	26	0.2	0.7	0.2	30	0.31	0.061	17
1901121	Soil	0.6	16.8	11.8	52	<0.1	14.8	5.1	155	1.92	12.0	3.6	6.6	12	0.1	1.0	0.2	29	0.12	0.046	21
1901122	Soil	0.5	20.3	18.7	78	<0.1	17.8	8.2	331	2.40	14.3	2.0	13.8	34	0.2	1.5	0.2	31	0.39	0.077	41
1901123	Soil	0.6	16.5	12.6	62	<0.1	16.7	6.7	235	2.12	14.1	3.7	6.9	17	0.2	1.3	0.2	28	0.19	0.058	25
1901124	Soil	0.6	14.7	11.4	54	<0.1	15.0	7.7	327	1.87	11.6	2.5	5.3	21	0.1	1.0	0.2	24	0.20	0.056	27

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Project: Mint
Report Date: August 12, 2019

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1901095	Soil	29	0.49	172	0.021	2	1.77	0.007	0.10	0.3	0.03	2.3	<0.1	<0.05	6	<0.5	<0.2
1901096	Soil	15	0.25	131	0.020	<1	0.76	0.003	0.04	0.3	0.01	1.8	<0.1	<0.05	2	<0.5	<0.2
1901097	Soil	18	0.30	278	0.023	<1	1.01	0.005	0.04	0.2	0.01	2.5	<0.1	<0.05	3	<0.5	<0.2
1901098	Soil	10	0.10	163	0.009	1	0.67	0.004	0.03	0.2	0.03	0.6	0.2	<0.05	3	<0.5	<0.2
1901099	Soil	15	0.13	147	0.002	<1	0.61	0.004	0.03	0.3	0.06	2.8	<0.1	<0.05	2	<0.5	<0.2
1901100	Soil	20	0.25	69	0.017	<1	1.07	0.004	0.03	0.4	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1901101	Soil	24	0.37	249	0.015	2	1.84	0.007	0.05	0.3	0.03	2.9	0.1	<0.05	6	<0.5	<0.2
1901102	Soil	18	0.33	184	0.020	2	1.21	0.006	0.03	0.4	0.03	2.5	0.1	<0.05	4	<0.5	<0.2
1901103	Soil	21	0.39	212	0.019	2	1.57	0.008	0.04	0.3	0.03	3.0	0.1	<0.05	4	<0.5	<0.2
1901104	Soil	19	0.31	200	0.018	2	1.28	0.006	0.05	0.4	0.04	2.6	0.1	<0.05	4	<0.5	<0.2
1901105	Soil	19	0.30	155	0.025	1	1.22	0.005	0.04	0.5	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1901106	Soil	21	0.35	190	0.026	2	1.39	0.005	0.04	0.4	0.01	2.4	0.1	<0.05	4	<0.5	<0.2
1901107	Soil	18	0.30	256	0.008	4	1.21	0.006	0.06	0.3	0.06	3.2	0.1	<0.05	4	<0.5	<0.2
1901108	Soil	16	0.26	156	0.013	2	1.08	0.005	0.04	0.4	0.04	2.1	0.1	<0.05	4	<0.5	<0.2
1901109	Soil	20	0.30	194	0.024	1	1.27	0.005	0.04	0.2	0.02	2.3	0.1	<0.05	4	<0.5	<0.2
1901110	Soil	20	0.33	189	0.025	2	1.30	0.005	0.05	0.6	0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
1901111	Soil	19	0.29	241	0.008	2	1.16	0.006	0.05	0.2	0.07	3.2	0.1	<0.05	4	<0.5	<0.2
1901112	Soil	22	0.40	206	0.036	1	1.15	0.011	0.05	0.4	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
1901113	Soil	20	0.35	172	0.034	2	1.04	0.010	0.05	0.4	0.03	2.9	<0.1	<0.05	3	<0.5	<0.2
1901114	Soil	20	0.30	159	0.016	3	1.26	0.006	0.04	0.4	0.04	2.8	0.1	<0.05	4	<0.5	<0.2
1901115	Soil	21	0.31	152	0.018	1	1.34	0.005	0.03	0.5	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1901116	Soil	21	0.34	218	0.028	2	1.27	0.008	0.06	0.4	0.01	2.5	<0.1	<0.05	5	<0.5	<0.2
1901117	Soil	23	0.40	176	0.010	5	1.89	0.007	0.04	0.3	0.02	3.6	0.2	<0.05	5	<0.5	<0.2
1901118	Soil	21	0.38	120	0.014	2	1.35	0.007	0.04	0.3	0.02	3.2	0.1	<0.05	4	<0.5	<0.2
1901119	Soil	20	0.30	131	0.026	<1	1.09	0.004	0.04	0.4	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
1901120	Soil	19	0.30	244	0.010	<1	1.05	0.006	0.04	0.4	0.04	1.2	0.1	<0.05	4	<0.5	<0.2
1901121	Soil	19	0.32	106	0.028	1	1.08	0.005	0.04	0.4	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1901122	Soil	26	0.46	183	0.038	2	1.33	0.011	0.07	0.3	0.05	5.0	<0.1	<0.05	5	<0.5	<0.2
1901123	Soil	21	0.36	150	0.025	2	1.21	0.006	0.06	0.4	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
1901124	Soil	18	0.30	172	0.018	2	1.00	0.007	0.06	0.4	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2

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Project: Mint
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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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	1	0.01	0.001	1
1901125	Soil	0.6	19.2	14.6	68	0.2	17.7	8.1	308	2.24	17.0	8.2	7.9	25	0.2	1.8	0.3	29	0.27	0.069	29
1901126	Soil	0.6	24.9	11.6	62	<0.1	20.8	8.2	355	2.31	15.3	17.4	10.4	28	0.1	1.5	0.2	32	0.29	0.056	30
1901127	Soil	0.6	13.8	12.3	57	<0.1	15.0	7.1	277	1.93	15.0	14.1	5.4	23	0.1	1.2	0.2	24	0.24	0.055	28
1901128	Soil	0.8	12.1	9.1	52	<0.1	13.1	4.7	166	1.85	14.5	3.3	3.2	15	0.1	0.9	0.2	32	0.18	0.047	17
1901129	Soil	0.5	17.9	13.7	61	<0.1	16.8	7.0	290	2.17	17.1	3.2	8.4	21	0.1	1.6	0.2	30	0.25	0.055	22
1901130	Soil	0.7	10.0	9.3	39	<0.1	10.9	4.4	144	1.74	13.1	2.6	5.2	11	<0.1	0.7	0.1	33	0.12	0.025	15
1901131	Soil	0.7	17.2	11.5	61	<0.1	16.7	6.8	293	2.02	16.3	4.5	8.5	26	0.1	1.3	0.2	32	0.32	0.057	26
1901132	Soil	0.8	15.6	12.1	52	<0.1	16.1	6.9	241	2.10	16.1	0.8	7.3	20	0.1	1.0	0.2	37	0.21	0.038	20
1901133	Soil	0.7	17.1	14.4	71	0.2	18.0	8.0	307	2.41	41.3	5.8	7.9	42	0.2	1.7	0.9	28	0.43	0.057	37
1901134	Soil	1.4	19.0	17.3	64	0.1	18.2	8.6	259	2.28	42.8	2.4	10.3	54	0.2	2.1	0.6	31	0.41	0.052	41
1901135	Soil	1.3	12.0	10.9	54	<0.1	12.8	6.6	446	1.75	41.4	1.4	6.4	60	0.2	1.3	0.3	26	0.51	0.051	26
1901136	Soil	0.8	8.3	9.5	41	<0.1	10.7	4.4	150	1.79	14.0	8.8	4.7	13	<0.1	0.6	0.2	34	0.16	0.033	15
1901137	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.
1901138	Soil	0.8	10.4	9.6	42	0.1	11.2	5.3	142	1.72	11.4	1.8	2.1	15	<0.1	0.6	0.1	34	0.15	0.040	14
1901139	Soil	1.0	14.5	10.2	53	<0.1	14.6	5.6	199	1.93	14.5	3.0	7.3	28	0.1	0.9	0.2	32	0.30	0.046	23
1901140	Soil	1.1	27.8	10.3	63	<0.1	27.0	11.0	467	2.86	19.1	<0.5	13.4	49	0.1	1.1	0.4	36	0.37	0.066	38
1901141	Soil	1.3	18.9	9.5	63	0.1	18.5	6.3	355	1.89	19.2	2.5	6.4	158	0.2	1.4	0.4	22	1.11	0.058	31
1901142	Soil	0.6	21.3	10.5	51	0.2	16.9	5.3	183	1.82	14.8	1.7	3.4	21	0.2	1.1	0.2	25	0.22	0.056	29
1901143	Soil	0.7	19.0	11.7	60	0.1	17.2	7.2	278	2.22	17.3	1.5	5.2	18	0.1	1.4	0.2	29	0.20	0.052	24
1901144	Soil	0.6	19.5	12.0	57	0.1	17.5	8.0	341	2.09	17.9	51.6	8.3	21	0.2	1.5	0.2	30	0.23	0.057	27
1901145	Soil	0.4	21.0	10.2	54	<0.1	18.7	6.9	261	2.06	18.4	<0.5	8.4	17	<0.1	1.4	0.2	27	0.21	0.048	26
1901146	Soil	0.8	35.8	19.0	87	<0.1	35.1	13.4	338	3.39	16.5	2.2	15.5	7	<0.1	0.6	0.3	19	0.05	0.031	38
1901147	Soil	1.0	14.4	15.6	64	<0.1	15.8	8.1	367	2.38	26.0	25.3	5.9	12	0.2	2.8	0.2	37	0.12	0.043	19
1901148	Soil	0.9	11.1	16.4	50	0.1	14.7	6.8	207	2.01	27.2	39.1	0.7	16	0.1	3.5	0.3	31	0.14	0.046	18
1901149	Soil	0.6	13.4	13.6	48	<0.1	13.8	5.6	229	1.76	16.1	27.8	4.6	10	0.2	1.1	0.2	28	0.13	0.060	17
1901150	Soil	0.9	16.1	11.2	51	<0.1	15.6	6.2	212	2.17	14.9	0.7	3.5	9	<0.1	1.2	0.2	36	0.09	0.053	18
1901151	Soil	0.7	9.4	9.3	31	<0.1	8.9	2.9	102	1.34	15.9	3.0	0.5	8	<0.1	0.9	0.2	24	0.08	0.047	16
1901152	Soil	0.5	19.3	12.1	63	<0.1	19.1	8.1	276	2.19	18.2	5.8	7.0	23	0.1	2.4	0.2	30	0.31	0.063	23
1901153	Soil	0.9	15.0	12.0	55	<0.1	16.7	7.3	257	2.07	17.4	1.2	6.1	17	0.1	1.3	0.2	32	0.16	0.035	23
1901154	Soil	0.7	14.1	13.7	54	<0.1	16.3	7.0	264	2.06	17.2	1.7	6.6	16	0.1	1.3	0.2	32	0.15	0.032	23

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	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
1901125	Soil	21	0.37	211	0.020	3	1.34	0.008	0.08	0.4	0.08	3.6	0.1	<0.05	4	<0.5	<0.2
1901126	Soil	24	0.44	253	0.039	2	1.36	0.009	0.08	0.4	0.06	4.5	<0.1	<0.05	4	<0.5	<0.2
1901127	Soil	18	0.33	155	0.017	3	1.16	0.006	0.07	0.4	0.06	2.4	0.1	<0.05	4	<0.5	<0.2
1901128	Soil	18	0.30	136	0.019	2	1.08	0.005	0.05	0.4	0.05	1.9	<0.1	<0.05	3	<0.5	<0.2
1901129	Soil	21	0.40	119	0.033	2	1.28	0.009	0.07	0.4	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
1901130	Soil	18	0.28	127	0.020	2	1.12	0.005	0.04	0.2	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
1901131	Soil	22	0.39	210	0.036	2	1.24	0.008	0.06	0.4	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
1901132	Soil	23	0.38	205	0.031	2	1.38	0.008	0.05	0.4	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
1901133	Soil	22	0.42	265	0.020	3	1.52	0.010	0.08	0.3	0.06	3.3	0.1	<0.05	5	<0.5	<0.2
1901134	Soil	23	0.41	186	0.023	3	1.46	0.009	0.08	0.3	0.06	3.8	0.1	<0.05	4	<0.5	<0.2
1901135	Soil	19	0.35	146	0.021	3	1.14	0.010	0.05	0.3	0.06	3.0	<0.1	<0.05	3	<0.5	<0.2
1901136	Soil	18	0.29	147	0.020	1	1.09	0.005	0.04	0.2	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
1901137	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.
1901138	Soil	18	0.27	206	0.019	2	1.18	0.005	0.04	0.3	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
1901139	Soil	20	0.36	258	0.026	2	1.19	0.008	0.05	0.4	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1901140	Soil	24	1.10	68	0.015	3	1.56	0.008	0.05	0.2	0.04	3.2	<0.1	<0.05	4	<0.5	<0.2
1901141	Soil	21	0.40	97	0.020	5	1.20	0.014	0.07	0.4	0.05	2.8	<0.1	<0.05	3	0.6	<0.2
1901142	Soil	17	0.30	158	0.018	2	1.12	0.006	0.05	0.4	0.05	2.2	<0.1	<0.05	3	<0.5	<0.2
1901143	Soil	19	0.35	154	0.022	2	1.24	0.007	0.07	0.4	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1901144	Soil	21	0.36	189	0.030	2	1.23	0.008	0.07	0.5	0.05	3.0	<0.1	<0.05	4	<0.5	<0.2
1901145	Soil	20	0.37	143	0.028	<1	1.08	0.007	0.06	0.4	0.03	2.9	<0.1	<0.05	3	<0.5	<0.2
1901146	Soil	18	0.46	97	0.005	<1	1.40	0.003	0.04	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1901147	Soil	22	0.33	102	0.023	2	1.13	0.005	0.05	0.7	0.03	2.5	<0.1	<0.05	3	<0.5	<0.2
1901148	Soil	17	0.21	160	0.007	2	1.00	0.005	0.05	0.5	0.09	1.2	0.1	<0.05	3	<0.5	<0.2
1901149	Soil	17	0.24	82	0.021	1	0.80	0.003	0.04	1.0	0.02	1.6	<0.1	<0.05	2	<0.5	<0.2
1901150	Soil	22	0.32	110	0.022	1	1.17	0.004	0.04	0.4	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1901151	Soil	14	0.18	73	0.008	1	0.82	0.003	0.04	0.3	0.05	0.8	<0.1	<0.05	3	<0.5	<0.2
1901152	Soil	22	0.41	124	0.033	1	1.14	0.009	0.09	0.4	0.03	2.8	<0.1	<0.05	3	<0.5	<0.2
1901153	Soil	24	0.38	159	0.031	1	1.39	0.007	0.06	0.3	0.03	2.8	<0.1	<0.05	4	0.5	<0.2
1901154	Soil	23	0.38	156	0.032	1	1.38	0.007	0.06	0.4	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2

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Client: **Big River Mineral Exploration**
Waterfront Station Offices
Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7 Canada

Project: Mint
Report Date: August 12, 2019

CERTIFICATE OF ANALYSIS WHI19000052.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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	1	0.01	0.001	1
1901155	Soil		0.4	16.1	10.1	53	<0.1	15.3	7.0	234	1.88	14.9	2.7	6.6	22	0.1	2.5	0.2	26	0.26	0.068	22
1901156	Soil		0.6	18.2	11.4	65	<0.1	18.1	8.9	444	1.96	16.4	2.6	3.9	30	0.2	1.3	0.2	32	0.40	0.059	23
1901157	Soil		0.5	20.6	12.7	63	<0.1	19.9	8.5	518	2.21	22.1	1.7	5.8	24	0.2	2.2	0.2	26	0.32	0.059	26
1901158	Soil		0.7	24.9	16.0	72	<0.1	23.7	9.7	419	2.44	19.6	2.3	10.0	28	0.2	2.1	0.2	32	0.36	0.076	28
1901159	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.
1901160	Soil		0.5	17.5	12.2	50	<0.1	18.1	7.3	249	1.99	19.2	4.9	8.0	17	0.1	2.3	0.2	27	0.19	0.046	24
1901161	Soil		0.6	21.7	12.4	59	<0.1	20.6	8.4	297	2.23	18.5	3.9	12.1	24	0.1	3.3	0.3	28	0.27	0.055	29
1901162	Soil		0.6	14.0	11.1	53	<0.1	15.5	5.4	185	1.69	12.5	9.2	5.3	22	0.2	1.5	0.2	25	0.23	0.059	20
1901163	Soil		0.7	15.1	10.6	50	<0.1	13.8	5.3	186	1.90	20.1	2.7	4.7	13	0.1	1.2	0.2	26	0.12	0.040	20
1901164	Soil		0.7	8.9	9.7	39	<0.1	9.1	4.1	147	1.74	15.1	0.9	4.9	10	0.1	1.0	0.3	27	0.08	0.030	17
1901169	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.
1901170	Soil		0.7	13.8	16.4	62	0.1	13.7	9.4	453	1.81	11.6	1.5	4.2	25	0.2	0.9	0.2	24	0.27	0.062	20
1901171	Soil		0.4	11.3	7.9	51	<0.1	12.3	4.9	168	1.58	10.1	1.1	6.3	19	0.2	1.0	0.2	19	0.20	0.046	23
1901172	Soil		0.5	13.0	9.8	50	0.1	12.0	4.8	177	1.55	11.3	1.2	2.6	18	0.2	0.8	0.1	18	0.19	0.056	21
1901173	Soil		0.8	16.5	13.1	49	0.2	12.2	4.7	165	1.83	17.5	5.2	2.6	16	0.1	1.1	0.2	29	0.13	0.036	21
1901174	Soil		0.9	15.3	11.2	42	0.3	10.6	4.1	135	1.57	11.3	<0.5	2.0	22	0.2	0.8	0.2	28	0.15	0.036	22
1901175	Soil		0.6	12.7	11.2	57	<0.1	11.2	4.9	202	1.76	16.6	3.6	7.6	37	0.2	1.1	0.1	29	0.39	0.050	22
1901176	Soil		0.5	12.5	11.0	57	<0.1	11.4	4.7	215	1.65	23.5	0.5	6.7	59	0.1	1.5	0.1	25	0.32	0.045	14
1901177	Soil		0.7	10.5	8.0	38	<0.1	9.7	3.8	128	1.47	13.0	1.3	3.4	11	0.1	0.8	0.1	26	0.10	0.028	13
1901178	Soil		0.7	10.4	8.7	41	<0.1	10.2	3.7	111	1.52	11.4	<0.5	4.0	14	<0.1	0.7	0.1	32	0.14	0.028	13
1901179	Soil		0.7	10.3	8.9	51	<0.1	10.3	4.7	244	1.54	9.7	1.5	4.2	30	0.1	0.7	0.1	23	0.44	0.045	16
1901180	Soil		0.6	8.6	9.3	45	<0.1	8.8	3.8	192	1.31	7.7	5.3	3.6	25	0.2	0.5	<0.1	21	0.35	0.048	22
1901181	Soil		0.7	16.0	18.4	71	0.1	15.6	8.1	421	2.30	28.3	2.1	12.9	36	0.1	1.9	0.4	25	0.42	0.061	36
1901182	Soil		1.0	13.6	13.4	54	<0.1	12.2	5.3	215	1.83	12.4	<0.5	4.3	19	0.1	0.6	0.2	29	0.23	0.040	21
1901183	Soil		0.5	7.5	8.0	33	<0.1	8.3	3.0	97	1.29	7.4	1.2	3.1	10	<0.1	0.4	0.1	28	0.09	0.019	13
1901184	Soil		1.2	16.6	10.4	63	0.1	17.6	8.3	351	1.83	9.5	4.0	4.7	97	0.2	0.9	0.2	27	0.76	0.059	24
1901185	Soil		1.0	17.3	9.3	61	<0.1	14.6	5.4	198	1.89	11.0	13.7	9.0	38	0.2	0.9	0.1	24	0.40	0.056	27
1901186	Soil		1.5	17.3	11.1	60	<0.1	17.7	8.8	353	2.02	36.9	1.9	7.9	88	0.1	1.3	0.3	22	0.65	0.056	29
1901187	Soil		1.3	12.1	8.1	49	<0.1	11.7	5.4	259	1.52	10.3	<0.5	6.0	80	0.1	0.9	0.1	16	0.53	0.045	19
1901188	Soil		0.8	15.8	11.6	55	0.2	14.4	6.5	278	1.92	13.1	<0.5	3.4	45	0.1	0.9	0.2	25	0.34	0.055	22

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1901155	Soil	18	0.34	104	0.037	<1	0.96	0.009	0.06	0.4	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1901156	Soil	22	0.35	264	0.031	3	1.20	0.009	0.07	0.4	0.04	2.9	0.1	<0.05	3	<0.5	<0.2
1901157	Soil	20	0.36	146	0.026	3	1.19	0.007	0.09	0.3	0.05	2.9	<0.1	<0.05	3	<0.5	<0.2
1901158	Soil	25	0.46	150	0.043	2	1.18	0.013	0.10	0.5	0.04	3.5	<0.1	<0.05	4	<0.5	<0.2
1901159	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.
1901160	Soil	20	0.33	101	0.030	1	1.09	0.006	0.06	0.4	0.03	2.6	<0.1	<0.05	3	<0.5	<0.2
1901161	Soil	23	0.41	148	0.038	2	1.19	0.008	0.05	0.5	0.03	3.7	<0.1	<0.05	3	<0.5	<0.2
1901162	Soil	19	0.32	155	0.023	3	0.98	0.007	0.04	0.4	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1901163	Soil	18	0.32	117	0.023	2	1.14	0.005	0.04	0.4	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
1901164	Soil	16	0.24	91	0.017	2	1.05	0.004	0.03	0.4	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1901169	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.
1901170	Soil	18	0.30	218	0.011	3	1.19	0.006	0.06	0.3	0.05	2.3	<0.1	<0.05	4	<0.5	<0.2
1901171	Soil	16	0.30	106	0.019	4	0.89	0.006	0.04	0.4	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
1901172	Soil	14	0.26	138	0.011	3	0.94	0.004	0.05	0.3	0.07	1.6	<0.1	<0.05	3	<0.5	<0.2
1901173	Soil	18	0.28	140	0.012	3	1.31	0.005	0.05	0.3	0.03	1.9	0.1	<0.05	4	<0.5	<0.2
1901174	Soil	16	0.26	178	0.017	2	1.15	0.006	0.04	0.2	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1901175	Soil	20	0.37	210	0.022	3	1.49	0.009	0.04	0.2	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
1901176	Soil	18	0.32	194	0.028	4	1.20	0.009	0.04	0.3	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1901177	Soil	15	0.22	139	0.015	2	0.96	0.004	0.03	0.3	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1901178	Soil	17	0.27	138	0.024	2	1.10	0.004	0.03	0.3	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1901179	Soil	16	0.28	168	0.014	4	0.95	0.006	0.05	0.3	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
1901180	Soil	14	0.26	188	0.014	4	0.92	0.005	0.07	0.3	0.05	2.1	<0.1	<0.05	3	<0.5	<0.2
1901181	Soil	21	0.38	199	0.022	3	1.31	0.011	0.06	0.3	0.05	4.0	<0.1	<0.05	4	<0.5	<0.2
1901182	Soil	20	0.29	238	0.011	2	1.21	0.005	0.04	0.4	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2
1901183	Soil	14	0.23	128	0.023	1	0.96	0.004	0.03	0.3	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1901184	Soil	22	0.39	338	0.024	3	1.41	0.010	0.04	0.3	0.04	3.2	<0.1	<0.05	4	<0.5	<0.2
1901185	Soil	20	0.40	203	0.035	2	1.15	0.010	0.06	0.4	0.04	3.3	<0.1	<0.05	4	<0.5	<0.2
1901186	Soil	19	0.45	142	0.015	3	1.20	0.009	0.04	0.2	0.08	2.8	<0.1	<0.05	3	<0.5	<0.2
1901187	Soil	14	0.29	48	0.019	3	0.79	0.008	0.04	0.4	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1901188	Soil	18	0.33	195	0.014	2	1.26	0.006	0.04	0.4	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2

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	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	1	0.01	0.001	1
1901189	Soil	0.5	17.2	8.9	58	<0.1	16.4	6.5	310	1.91	14.9	3.5	6.1	22	0.2	1.3	0.2	23	0.24	0.065	26
1901190	Soil	0.5	23.6	11.8	61	0.1	21.1	8.3	364	2.18	20.2	8.1	9.9	20	0.2	2.7	0.2	24	0.26	0.049	28
1901191	Soil	0.4	15.8	8.8	46	<0.1	13.9	6.0	298	1.65	11.9	0.9	5.2	16	0.1	1.1	0.1	20	0.19	0.046	20
1901192	Soil	0.9	12.3	7.5	41	<0.1	11.6	3.8	130	1.58	12.5	55.2	1.6	8	0.1	0.9	0.1	26	0.09	0.038	12
1901193	Soil	0.7	8.1	10.3	31	<0.1	7.7	2.7	89	1.63	9.8	1.0	0.8	7	<0.1	0.5	0.2	30	0.07	0.049	11
1901194	Soil	0.9	9.7	9.5	40	<0.1	9.9	3.4	100	1.94	10.7	<0.5	1.0	8	<0.1	0.5	0.2	32	0.08	0.060	12
1901195	Soil	0.7	12.8	8.9	36	<0.1	9.9	3.4	105	1.67	9.2	7.1	1.0	8	<0.1	0.5	0.1	27	0.09	0.054	13
1901196	Soil	0.9	14.9	20.1	71	<0.1	12.7	7.0	421	2.25	10.8	0.5	5.8	9	0.2	1.3	0.2	35	0.11	0.057	17
1901197	Soil	0.9	9.3	11.1	36	<0.1	8.9	3.3	108	1.87	10.6	<0.5	1.0	7	<0.1	0.5	0.2	36	0.06	0.053	12
1901198	Soil	1.0	21.8	17.4	67	<0.1	16.7	7.7	341	2.50	13.6	2.0	6.0	12	<0.1	1.2	0.2	38	0.13	0.056	19
1901199	Soil	0.7	8.7	10.8	27	0.1	6.2	2.6	89	1.35	8.5	<0.5	4.1	7	<0.1	0.6	0.2	25	0.06	0.050	13
1901200	Soil	1.0	18.1	19.1	70	<0.1	15.6	12.3	749	2.28	14.5	26.3	6.5	10	0.2	1.2	0.3	32	0.11	0.059	16

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	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
1901189	Soil	18	0.34	151	0.027	2	1.06	0.008	0.06	0.4	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1901190	Soil	21	0.40	141	0.028	1	1.19	0.008	0.06	0.4	0.03	3.1	<0.1	<0.05	3	<0.5	<0.2
1901191	Soil	16	0.29	128	0.021	2	0.93	0.005	0.04	0.4	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2
1901192	Soil	12	0.20	65	0.015	1	0.69	0.003	0.03	0.5	0.04	1.1	<0.1	<0.05	3	<0.5	<0.2
1901193	Soil	17	0.21	66	0.010	1	0.98	0.003	0.03	0.2	0.03	0.7	<0.1	<0.05	4	<0.5	<0.2
1901194	Soil	21	0.29	67	0.016	<1	1.10	0.004	0.03	0.3	0.04	1.2	<0.1	<0.05	4	<0.5	<0.2
1901195	Soil	18	0.26	80	0.013	<1	1.11	0.003	0.03	0.3	0.05	1.3	<0.1	<0.05	3	<0.5	<0.2
1901196	Soil	24	0.39	90	0.026	1	1.44	0.004	0.04	0.4	0.04	2.7	<0.1	<0.05	5	<0.5	<0.2
1901197	Soil	20	0.27	78	0.017	<1	1.14	0.004	0.03	0.3	0.04	1.3	0.1	<0.05	4	<0.5	<0.2
1901198	Soil	27	0.45	200	0.027	<1	1.63	0.005	0.04	0.3	0.05	4.1	<0.1	<0.05	5	<0.5	<0.2
1901199	Soil	15	0.18	80	0.012	<1	1.14	0.004	0.03	0.3	0.03	1.6	0.1	<0.05	4	<0.5	<0.2
1901200	Soil	21	0.37	93	0.023	<1	1.44	0.004	0.04	0.6	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2

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Report Date: August 12, 2019

QUALITY CONTROL REPORT WHI19000052.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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	1	0.01	0.001	1
Pulp Duplicates																					
1888913	Soil	0.8	16.7	10.4	45	<0.1	14.4	6.4	183	2.15	11.8	1.8	3.5	8	<0.1	0.6	0.2	38	0.07	0.052	18
REP 1888913	QC	0.9	16.8	10.4	46	<0.1	14.6	6.4	184	2.20	12.0	2.1	3.5	8	0.1	0.6	0.2	38	0.07	0.050	19
1888967	Soil	1.0	20.8	12.3	52	<0.1	19.8	9.5	280	2.44	11.3	3.3	4.8	8	0.1	0.7	0.2	33	0.05	0.033	26
REP 1888967	QC	1.0	21.1	12.6	52	<0.1	19.7	9.1	288	2.47	11.8	2.4	5.1	8	0.1	0.8	0.2	34	0.05	0.033	26
1890455	Soil	1.0	14.9	10.4	48	<0.1	15.1	6.6	184	2.31	13.9	1.4	5.7	7	0.1	0.9	0.1	31	0.05	0.033	15
REP 1890455	QC	0.9	14.9	10.6	48	<0.1	15.6	6.7	183	2.31	13.9	5.6	6.0	7	0.2	0.9	0.1	31	0.05	0.035	15
1901068	Soil	0.9	22.1	13.3	64	<0.1	19.6	8.4	339	2.24	13.4	6.6	8.9	21	0.1	1.5	0.1	37	0.19	0.043	24
REP 1901068	QC	0.9	22.1	13.4	66	<0.1	19.6	8.5	339	2.26	14.2	26.9	9.2	21	0.1	1.4	0.1	38	0.20	0.044	24
1901106	Soil	0.9	12.6	10.8	53	<0.1	14.7	6.6	209	2.10	12.7	1.1	7.4	17	<0.1	0.9	0.1	36	0.19	0.037	16
REP 1901106	QC	0.8	12.4	10.2	53	<0.1	14.4	6.5	208	2.08	12.3	1.0	6.8	17	0.1	0.8	0.1	36	0.19	0.036	15
1901142	Soil	0.6	21.3	10.5	51	0.2	16.9	5.3	183	1.82	14.8	1.7	3.4	21	0.2	1.1	0.2	25	0.22	0.056	29
REP 1901142	QC	0.6	20.4	10.2	47	0.2	16.3	5.3	178	1.77	14.0	2.0	3.2	21	0.2	1.0	0.2	25	0.21	0.055	28
1901182	Soil	1.0	13.6	13.4	54	<0.1	12.2	5.3	215	1.83	12.4	<0.5	4.3	19	0.1	0.6	0.2	29	0.23	0.040	21
REP 1901182	QC	0.8	13.1	13.9	50	<0.1	12.6	5.4	213	1.83	11.8	8.5	4.0	19	0.2	0.5	0.1	29	0.23	0.039	20
Reference Materials																					
STD BVGEO01	Standard	10.5	4308.4	178.8	1694	2.4	158.2	25.1	729	3.75	130.0	231.2	14.1	57	6.1	3.3	23.8	77	1.34	0.073	25
STD BVGEO01	Standard	10.7	4357.1	186.0	1868	2.4	153.3	24.9	738	3.79	121.5	227.1	16.2	60	6.6	3.6	26.1	70	1.30	0.081	28
STD BVGEO01	Standard	11.0	4380.8	187.9	1876	2.3	156.7	24.9	761	3.83	117.3	206.2	16.9	62	6.3	3.5	26.3	72	1.47	0.079	28
STD DS11	Standard	14.7	161.2	139.2	362	1.6	81.2	14.3	1045	3.18	43.2	57.4	9.5	70	2.4	8.6	12.9	49	1.06	0.076	20
STD DS11	Standard	15.2	161.7	137.7	343	1.6	84.0	14.1	1010	3.20	43.2	75.9	9.4	69	2.3	8.5	12.3	53	1.10	0.076	20
STD DS11	Standard	15.0	158.7	139.3	347	1.6	80.6	13.9	1036	3.17	42.4	124.0	9.2	66	2.4	8.4	12.3	46	1.06	0.074	19
STD DS11	Standard	15.2	162.2	138.9	339	1.6	82.0	13.7	1035	3.14	44.1	87.9	9.3	71	2.4	8.6	12.2	47	1.07	0.077	20
STD OREAS262	Standard	0.7	115.6	57.4	147	0.5	62.3	27.2	513	3.26	41.1	64.5	9.6	35	0.7	5.2	1.0	23	2.96	0.040	16
STD OREAS262	Standard	0.6	123.9	57.8	144	0.4	62.7	27.3	535	3.28	35.3	58.1	10.3	36	0.7	4.8	1.1	22	2.96	0.041	17
STD OREAS262	Standard	0.6	126.1	60.0	150	0.4	66.9	27.3	548	3.35	35.9	53.5	10.5	36	0.6	4.5	1.2	24	3.04	0.043	18
STD OREAS262	Standard	0.6	125.8	60.5	147	0.4	65.0	27.7	541	3.34	36.4	62.7	11.1	36	0.6	5.1	1.1	21	3.13	0.041	19
STD OREAS262	Standard	0.7	127.4	57.5	151	0.4	66.2	26.9	549	3.34	36.5	56.8	10.4	38	0.7	4.8	1.1	20	3.16	0.044	16
STD OREAS262	Standard	0.7	125.8	59.5	151	0.4	66.9	27.6	549	3.36	36.9	59.8	11.1	38	0.7	5.4	1.1	22	3.14	0.043	20

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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																	
1888913	Soil	22	0.31	117	0.027	1	1.29	0.004	0.04	0.2	0.03	2.6	0.1	<0.05	4	<0.5	<0.2
REP 1888913	QC	22	0.32	122	0.028	<1	1.32	0.004	0.04	0.2	0.03	2.7	<0.1	<0.05	4	0.5	<0.2
1888967	Soil	22	0.32	136	0.021	<1	1.38	0.005	0.04	0.2	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
REP 1888967	QC	22	0.33	138	0.021	1	1.43	0.005	0.04	0.2	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
1890455	Soil	22	0.33	110	0.022	1	1.38	0.004	0.04	0.2	0.03	2.9	<0.1	<0.05	3	<0.5	<0.2
REP 1890455	QC	22	0.33	109	0.020	1	1.38	0.004	0.04	0.2	0.04	2.9	<0.1	<0.05	3	<0.5	<0.2
1901068	Soil	24	0.43	210	0.040	2	1.52	0.008	0.04	0.3	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
REP 1901068	QC	25	0.44	215	0.042	2	1.59	0.009	0.05	0.4	0.03	3.3	<0.1	<0.05	4	<0.5	<0.2
1901106	Soil	21	0.35	190	0.026	2	1.39	0.005	0.04	0.4	0.01	2.4	0.1	<0.05	4	<0.5	<0.2
REP 1901106	QC	20	0.35	180	0.026	1	1.39	0.005	0.04	0.3	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1901142	Soil	17	0.30	158	0.018	2	1.12	0.006	0.05	0.4	0.05	2.2	<0.1	<0.05	3	<0.5	<0.2
REP 1901142	QC	17	0.29	151	0.017	2	1.09	0.006	0.05	0.4	0.05	2.1	<0.1	<0.05	3	<0.5	<0.2
1901182	Soil	20	0.29	238	0.011	2	1.21	0.005	0.04	0.4	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2
REP 1901182	QC	19	0.29	224	0.011	2	1.21	0.005	0.04	0.3	0.05	2.4	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																	
STD BVGEO01	Standard	187	1.28	243	0.229	3	2.30	0.199	0.89	4.9	0.09	5.9	0.6	0.68	7	4.5	0.9
STD BVGEO01	Standard	183	1.32	270	0.235	3	2.37	0.191	0.88	5.2	0.08	6.7	0.6	0.61	8	5.2	1.0
STD BVGEO01	Standard	211	1.33	248	0.244	4	2.49	0.207	0.90	4.6	0.10	6.9	0.6	0.62	8	4.8	1.0
STD DS11	Standard	59	0.85	375	0.096	8	1.20	0.077	0.41	3.2	0.27	3.6	5.1	0.29	5	2.4	4.4
STD DS11	Standard	62	0.86	376	0.099	7	1.22	0.074	0.41	3.0	0.24	3.6	5.0	0.29	5	2.2	4.8
STD DS11	Standard	61	0.85	367	0.096	7	1.19	0.074	0.40	3.1	0.26	3.4	4.9	0.26	5	1.8	4.8
STD DS11	Standard	62	0.85	366	0.101	7	1.23	0.074	0.40	3.0	0.26	3.5	4.9	0.26	5	1.7	4.6
STD OREAS262	Standard	43	1.17	265	0.002	4	1.32	0.066	0.32	0.2	0.16	3.3	0.5	0.27	4	<0.5	0.2
STD OREAS262	Standard	42	1.17	253	0.003	4	1.36	0.070	0.31	0.2	0.16	3.5	0.5	0.27	4	<0.5	0.2
STD OREAS262	Standard	45	1.19	257	0.003	4	1.38	0.069	0.33	0.2	0.17	3.7	0.4	0.26	4	<0.5	0.2
STD OREAS262	Standard	45	1.17	258	0.003	4	1.43	0.067	0.32	0.2	0.16	3.5	0.4	0.24	4	<0.5	0.2
STD OREAS262	Standard	43	1.18	249	0.003	5	1.32	0.068	0.30	0.2	0.15	3.6	0.4	0.24	4	<0.5	0.2
STD OREAS262	Standard	47	1.18	258	0.003	5	1.52	0.067	0.35	0.2	0.15	3.6	0.5	0.24	4	<0.5	0.3

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		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	**Cu**	**Pb**	**Zn**	**Ag**	**Ni**	**Co**	**Mn**	**Fe**	**As**	**Au**	**Th**	**Sr**	**Cd**	**Sb**	**Bi**	**V**	**Ca**	**P**	**La**
		ppm	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	**ppm**	**ppb**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	**%**	**ppm**
		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**	**1**	**0.01**	**0.001**	**1**
STD OREAS262	Standard	0.7	128.0	60.9	153	0.4	66.7	27.6	549	3.34	36.2	52.5	10.8	36	0.6	4.5	1.1	21	3.16	0.042	18
STD BVGEO01 Expected		11.2	4415	187	1741	2.53	163	25	733	3.7	121	219	14.4	55	6.5	3.39	25.6	73	1.3219	0.0727	25.9
STD DS11 Expected		14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701	18.6
STD OREAS262 Expected		0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	65	9.33	36	0.61	5.06	1.03	22.5	2.98	0.04	15.9
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	<1	<0.01	<0.001	<1
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	<1	<0.01	<0.001	<1
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	<1	<0.01	<0.001	<1
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	<1	<0.01	<0.001	<1
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	<1	<0.01	<0.001	<1
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	<1	<0.01	<0.001	<1
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	<1	<0.01	<0.001	<1

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		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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
STD OREAS262	Standard	46	1.18	260	0.003	4	1.39	0.067	0.32	0.2	0.14	3.5	0.5	0.24	4	<0.5	0.2
STD BVGEO01 Expected		187	1.2963	260	0.233	3.8	2.347	0.1924	0.89	5.3	0.1	5.97	0.62	0.6655	7.37	4.84	1.02
STD DS11 Expected		61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
STD OREAS262 Expected		41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	3.73	0.4	0.23
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
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
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
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
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
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
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

Appendix E – Expenditures

Staking Costs				
Stakers		21	$350.00	$7,350.00
Sampling Gear		21	$50.00	$1,050.00
lodging		21	$100.00	$2,100.00
Fuel		175	$1.50	$262.50
Food		21	$50.00	$1,050.00
light truck		3	$100.00	$300.00
3/4 truck		2	$200.00	$400.00
Taxable				$12,512.50
GST				$625.63
Total Staking				$13,138.13
Exploration Costs				
Senior Geologist		8	$500.00	$4,000.00
Geologist		29	$400.00	$11,600.00
Geotechnician		42	$350.00	$14,700.00
Food and Lodging	EMR cook	79	$150.00	$11,450.00
Field Equipment	Laptop, Chainsaws, cutting PPE, GIS Software, Radios, First Aid, Bear Protection, GPS	79	$50.00	$3,950.00
light truck	4x4	18	$100.00	$1,800.00
3/4 truck	4x4	5	$200.00	$1,000.00
Fuel		805	$1.50	$1,207.50
Assays soil		582	$23.00	$13,386.00
Assays Rock		12	$29.86	$358.32
Taxable				$63,451.82
GST				$3,172.59
Total Contractors				$66,624.41
Final Report				$2000
Total Project				$81,762.54