

SANS PEUR EXPLORATION SERVICES INC.
3990 OLD ALMONTE ROAD
ALMONTE, ONTARIO
K0A 1A0

Description of Work

for the

Focused Regional Module of the Yukon Mineral Exploration Program

Describing the

Bailey Project YMEP # 2020-121

105D 02
502,235 m East 6,656,680 m North UTM 8N

In the

Whitehorse Mining District
Yukon Territory

By

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Contents

List of Figures	ii
List of Tables	ii
Introduction	1
Project Location and Access.....	2
Claims.....	3
Historical Work	4
Geophysics	4
Previous Exploration	5
Gulch and Gossan (Benall) Showings.....	6
Other Exploration Work.....	7
Geology	8
Work Performed	11
Results.....	12
Prospecting	12
Soil Sampling.....	13
Conclusion.....	16
Recommendations.....	17
Budget.....	18
References	19
Statement of Qualifications.....	20
Tyrell Sutherland M.Sc., P.Geo.	20
Big River Mineral Exploration Qualifications	21
Appendix A Sample Sites.....	22
Prospecting Samples.....	22
Soil Samples	23
Appendix B Assay Certificates.....	24

List of Figures

Figure 1 Location.....	2
Figure 2: Claims within the Bailey Project target area.....	4
Figure 3 Regional Geology	8
Figure 4. Project Area Geology	9
Figure 5: Prospecting Results. Areas 1, 2 and three correspond to descriptions above.	13
Figure 6: Silver in soils analyzed using ICP-MS after Aqua-regia Digestion	14
Figure 7: Gold in soils analyzed using ICP-MS after Aqua-Regia digestion and after EDTA weak leach.....	15
Figure 8: Au, Ag anomaly areas identified	16

List of Tables

Table 1 - Claims Comprising Bailey Claim Group	3
Table 2 - Exploration History.....	5
Table 3 - Yukon MINFILE Showings.....	5
Table 4 – Bedrock Units in target area.....	10
Table 5 - Final Budget.....	18

Introduction

Sans Peur Exploration Services Inc (Sans Peur) staked a small claim group comprising of 6 claims on the west side of Finger Mountain in 2019. These claims covered a group of historical occurrences in an area with a long history of exploration but with a dearth of recorded or systematic work. Utilizing a grant from the Focused Regional Module of the Yukon Mineral Exploration Grant Program, Sans Peur was able to carry out a small program of systematic sampling, prospecting, and staking over an area roughly 7.5 km². This report describes the geochemical sampling and prospecting carried out during the two days during which the crew was able to access the site during the 2020 season. Due to unseasonably wet/overcast and windy weather the crew was only able to make it onto site for 2 out of 5 days scheduled. In spite of difficult COVID restrictions all contractors and service companies were sourced from Yukon companies. A total of 98 soil samples and 27 prospecting samples were collected and 18 new claims were staked. The total cost of the program was \$36,122. Results of the program positively identified several areas for follow-up sampling. Outcrops observed from helicopter suggest that mineralization continues outside of the sampled areas and that a considerable follow up program should be carried out.

Project Location and Access

The project area is the point of land between the West and Main arms of Bennet Lake and Munroe Lake extending south to the BC border. This area is known as the Bennet Range, the only named Peak on Yukon's side of the border is Finger mountain. The area is within NTS Sheet 105D2 in the Whitehorse Mining District Yukon, Canada with the center of the project described by 502,235 m East 6,656,680 m North UTM 8N. There are no roads to or in the target area but there is good access to the Bennet Range on all sides from the lake by boat. Access to the target area will be by helicopter from Whitehorse. Sans Peur owns six claims within the target area known as the Bailey 1-6 these cover the Gulch Vein and "Main Ore Zone".

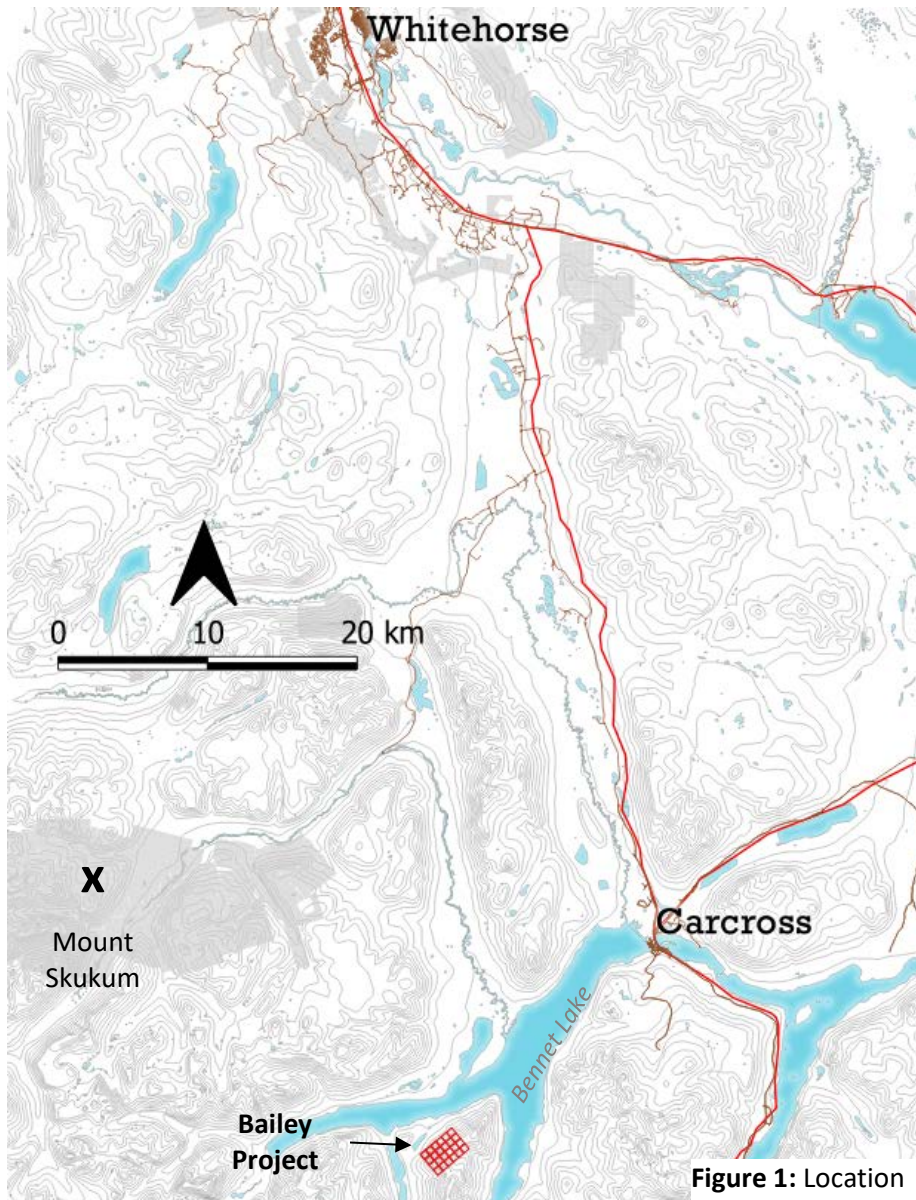


Figure 1: Location

Claims

There are 24 claims in the Bailey Project shown in Figure 2 and listed in Table 1. Claims are registered in the Whitehorse mining district under the ownership of Sans Peur Exploration Services Inc.

Table 1 - Claims Comprising Bailey Claim Group

GRANT_NUM	LABEL	OWNER	EXPIRY_DAT	DISTRICT
YE55760	BAILEY 1	Sans Peur Exploration Services - 100%	2021-09-04	Whitehorse
YE55787	BAILEY 2	Sans Peur Exploration Services - 100%	2021-09-04	Whitehorse
YE55788	BAILEY 3	Sans Peur Exploration Services - 100%	2021-09-04	Whitehorse
YE55789	BAILEY 4	Sans Peur Exploration Services - 100%	2021-09-04	Whitehorse
YE55790	BAILEY 5	Sans Peur Exploration Services - 100%	2021-09-04	Whitehorse
YE55791	BAILEY 6	Sans Peur Exploration Services - 100%	2021-09-04	Whitehorse
YF57237	BAILEY 7	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57238	BAILEY 8	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57239	BAILEY 9	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57240	BAILEY 10	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57241	BAILEY 11	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57242	BAILEY 12	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57243	BAILEY 13	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57244	BAILEY 14	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57245	BAILEY 15	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57246	BAILEY 16	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57247	BAILEY 17	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57248	BAILEY 18	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57249	BAILEY 19	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57250	BAILEY 20	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57251	BAILEY 21	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57252	BAILEY 22	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57253	BAILEY 23	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse
YF57254	BAILEY 24	Sans Peur Exploration Services - 100%	2021-08-26	Whitehorse

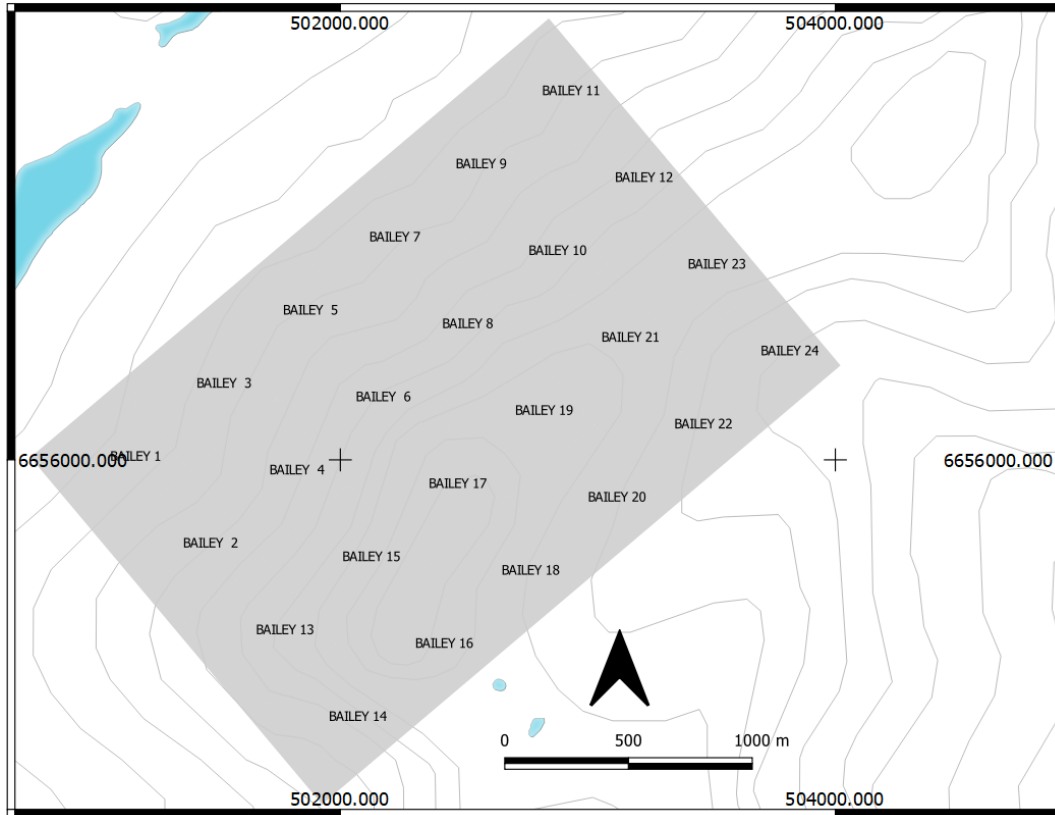


Figure 2: Claims within the Bailey Project target area

Historical Work

The most up to date government regional work consists of bedrock mapping (Hart & Radloff, 1990), Yukon RGS data collected in 1985 and reanalyzed in 2003, and high-quality airborne geophysics (Boulangé, 2017). Recent detailed bedrock mapping in northern BC (Ootes, 2018) which abuts the south edge of the target area provides a reinterpretation of the orientation of lithologies in the area to generally north-northwest trending packages of sediments and volcanic flows cut by later intrusions. Mapping of the Llewellyn Fault in the area suggests the continuation of the Llewellyn Fault in the target area. This is likely adjacent to a regional structural offset/dilation zone where the main mobile structure switches to the Tally-Ho Shear zone to the Northeast, how coherent the Llewellyn Fault is within the target areas is unknown.

Geophysics

The 2017 airborne magnetic survey flown in the target area offers an excellent perspective of the regional structures. Magnetic lows corresponding to the Tally-Ho Shear Zone strike northwest-southeast with a

probable extension of the shear zone inferred into BC. Similarly, magnetic high signatures associated the Llewellyn Fault extend northwest into the Target Area.

Previous Exploration

Considerable prospecting was carried out in the Bennett/Tagish Lake regions in the late 1800s and turn of the century. This resulted in many gold/silver deposits being discovered the largest being the epithermal Engineer Mine 70km to the south and several notable occurrences on Montana Mountain.

Little exploration took place from the mid-1920s to the late 1960s. Increasing metal prices generated new exploration in the 1970s leading to the discovery of the Mt Skukum gold deposit in the 1980s triggering intensive precious metal exploration. Dupont, Westmin, and Texaco, along with several junior exploration companies, acquired property and explored several new gold/silver discoveries north of the project area. Table 1 below lists the significant exploration history within the project area. The data was compiled using the Yukon Geological Survey’s Integrated Data System (YGSIDS) and Yukon Mining Map Viewer.

Table 2 - Exploration History

Report #	Year	Operator	Author	Work completed
0903047	1978	E & B Exploration Ltd.	R.J. Beaty and R.R Culbert	Geological mapping, geochemical sampling and prospecting (Uranium)
091976	1987	All-North Resources Ltd	Tom Garagan	Stream, soil and rock geochemistry.
092848	1989	Geoff Rushant	Geoff Rushant	Prospecting, geochemical sampling and geological mapping
092893	1990	Rushant Prospector	Geoff Rushant	Prospecting and geochemical sampling
093287	1993	Larry Lutjen	L. Lutjen	Soil and rock geochemistry
093316	1995	Barnes Creek Minerals	L. Lutjen	Geophysics and geochemistry surveys
093514	1996	Barnes Creek Minerals	L. Lutjen	Geophysical and geochemistry surveys
095052	2008	Norseman Exploration	L. Bratvold	Prospecting, hand trenching and sampling
096672	2013	Panarc Resources Ltd.	M. Power	Prospecting and geological mapping

The YGS MINFILE database lists several mineral showings documented in the area of the project, these are listed and briefly described in Table 2 below. MINFILE showings are displayed in Figures 4 and 5 below.

The earliest recorded exploration within the area was for Uranium utilizing a scintillalometer primarily and has limited relevance to later work.

Table 3 - Yukon MINFILE Showings

MINFILE No.	MINFILE Name	Type	Description
105D 177	Benall/Gulch/Gossan	Mineralized quartz veins	The showing consists of two mineralized east-trending quartz veins (Gossan and Gulch veins) that cut conglomerates and volcanic rocks. Chip samples from the Gulch vein have assayed 6.6 g/t Au and 78.0 g/t Ag. The Gossan vein has an average width of 50 cm and has assayed greater than 200 g/t Ag and 1 % pb over that width.
105D 015	Finger	Porphyry Cu-Mo-Au	The showing consists of north-trending structures likely associated with the Tally-Ho Shear zone. These structures contain numerous zones of quartz-calcite veining with propylitic and argillic alteration. A chip sample from the area has returned 1.47% Zn, 0.38% Pb and 47.9 g/t Ag over 0.6 m.

Gulch and Gossan (Benall) Showings

In the years following the discovery of the Mt Skukum deposit, prospecting above a stream sediment anomaly lead to the discovery of the Gulch and eventually Gossan Showings. A summary of the work at these showings follows.

In 1987 All-North Resources staked claims to cover a 853 ppb gold stream sediment sample. Later that year, geologist Tom Garagan, part of the Mt. Skukum discovery team, discovered the "Gulch Vein" as the probable source of the high stream sediment sample. The Gulch Vein is a sulfide-free gold vein up to 3 meters in width with the discovery outcrop exposed for 300 meters along strike within 50 meter wide zone of intense argillic and potassic altered granodiorite The vein has had several periods of rebrecciation and carried values up to 6.2 g/t gold over 1 meter.

During this reconnaissance the "Gossan Vein" was also discovered This fine-grained quartz vein contains graphite, pyrite, and silver (200 g/t) and occurs in a large area of rusty weathering, pyritized, clay altered and silicified conglomerate and granodiorite located along an east-west fault.

Tom Garagan strongly recommended a program of surface exploration followed by a diamond drilling on the showings. However, no further work was done by All-North Resources, due to declining metal prices.

Prospector L Lutjen staked claims covering what was describe as the "Main Ore Trend" in 1993 and surface prospected for three seasons. He traced the Main Ore trend southwest of the Benall occurrence for over 1200m describing shear/alteration zones and veins and obtained values up to 18.47 g/t gold from silicified granodiorite and 9.52 g/t gold from quartz veins.

In 1995 Lutjen used a Magnetometer Survey to locate five new quartz veins within a stockwork zone. Sampling and hand trenching across a section of this vein structure returned an average of 8.8 g/t gold over 1.3m.

Prospector L Bratvold staked the Black Lake Claims on June 21, 2006 to cover the above-mentioned discoveries.

Panarc Resources restaked the claims and visited the Property for one day in 2013. This confirmed previous mapping but only returned modest results.

Other Exploration Work

In 1967 Charles and Johnne Johns staked the "Annie" and "Dora" claims on Finger Mountain in an attempt to locate gold quartz discovered in the area by Skookum Jim, co-discoverer of Bonanza Creek

In 1977 G Rushant staked claims on Finger Mountain based on uranium silt anomalies. He carried out stream geochemistry for U only and scintillometer surveys. No further work was recommended.

Prospector G Rushant staked the Scout claims in 1989 at the south end of the target area and discovered the Finger Showing, a north trending shear zone up to 2 metres wide containing 279.3 g/t Ag, 0.42% Cu, 1.47% Pb, and 1.37% Zn. Exploration was limited to hand trenching and sampling This showing is listed as a porphyry Cu-Mo-Au-Zn showing in Yukon Minfile 105D 015.

Geology

Regionally the project is situated at the boundary between the Nisling terrane to the west and the Stikine terrane to the east (Figure 3). This boundary is marked by the Llewellyn fault in BC and the Tally-Ho shear zone in Yukon.

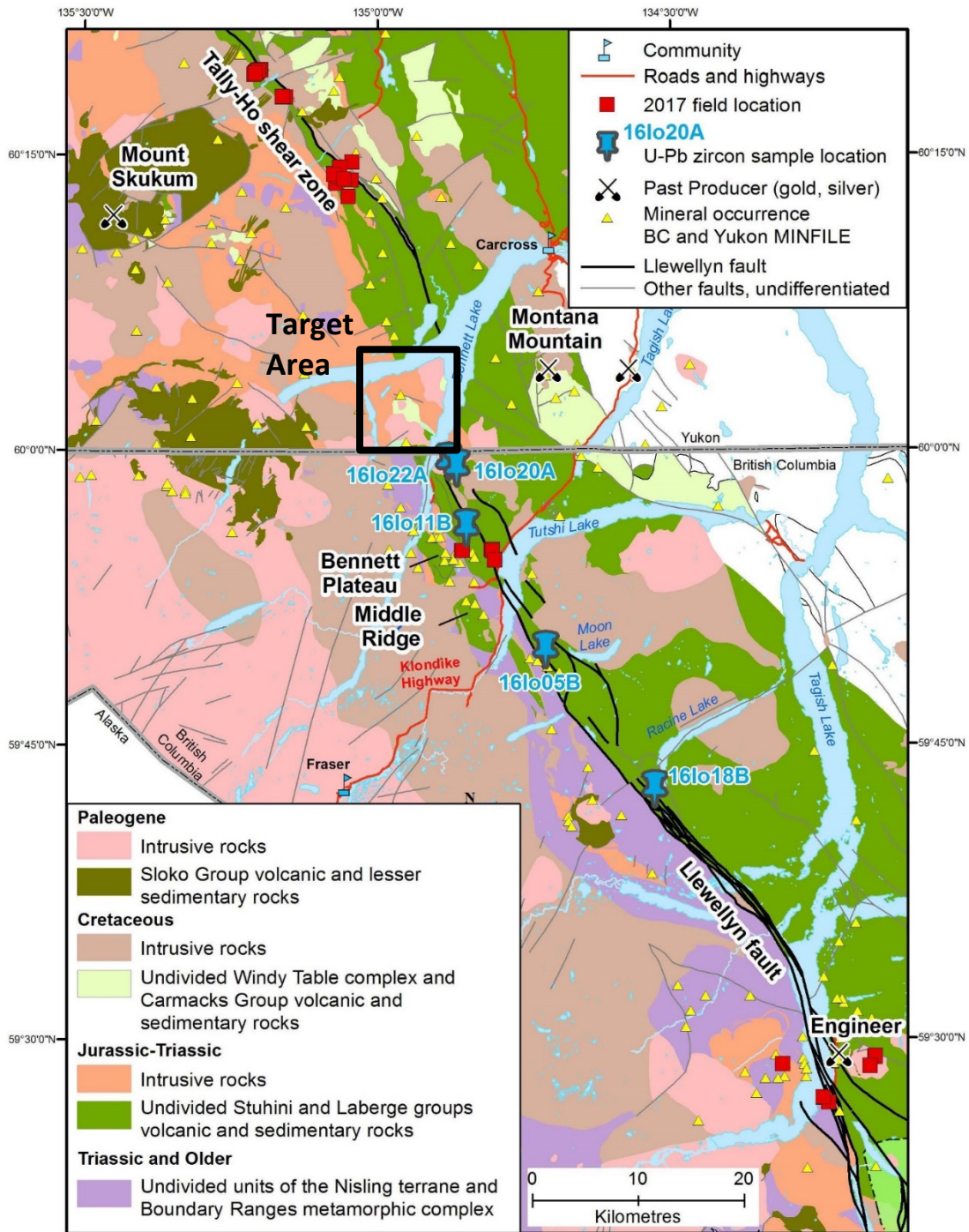


Figure 3: Regional Geology (taken from Ootes et al., 2018)

The target area, mapped by Hart & Radloff (1990) (Figure 4), is primarily underlain by northwest trending Early Jurassic massive to weakly foliated biotite hornblende granodiorite of the Long Lake suite (EJL). Three Eocene plutons occur within the project area they are classified as leucocratic biotite granite of the Ruby Range suite (PR). On the edge of the northern most pluton, occurs a wedge of Lower Cretaceous massive felsic volcanic flows of the Mount Nansen Suite (mKN). South of the Long Lake Suite the ground is underlain by Upper Cretaceous mafic volcanic rocks of the Little Ridge/Carmacks Formation. Slivers Lower Jurassic conglomerates and turbiditic sandstones of the Laberge Suite (JL) flank both sides of the southeastern portion of the southernmost Ruby Range Pluton. These are in turn flanked by Upper Devonian metasediments of the Takhini suite (uPT).

The Llewellyn fault as described in Ootes et al. (2018) is a southeast-striking, steeply dipping brittle dextral strike-slip structure. The Llewellyn Fault in BC and Tally-Ho shear zone in Yukon both overprint early ductile deformations. Work by Ootes et al. (2018) concluded that the timing of early ductile and late brittle deformation defined discrete periods of gold mineralization in a variety of tectonic regimes.

Table 4 – Bedrock Units in target area

Rock Unit		Description
PRC	Rhyolite Creek	light grey, green, maroon, purple and black rhyolite and dacite
PR	Ruby Range	leucocratic, Biotite granite
uKC	Carmacks	augite-olivine basalt and breccia
mKN	Mount Nanses	massive aphyric or feldspar-phyric andesite to dacite flows
JL	Lebarge	turbiditic sandstone-siltstone-mudstone, conglomerate
EJL	Long Lake	massive to weakly foliated Bt-Hbl granodiorite
uPT	Takhini	metabasite, amphibolite gneiss, tuff, wacke and marble

Mineralization

The Llewellyn Fault, and its possible extension the Tally-Ho Shear Zone, is associated with a variety of mineralization types primarily related to epithermal-mesothermal systems. A variety of gold prospects and minor past producers are located along the entire >100km length of the fault zone. Gold mineralization has characteristics that range from mesothermal (Montana Mountain Mines) to epithermal (Mount Skukum and Engineer Mines), to intrusion-related (Bennett Plateau and Middle Ridge prospects, Golden Eagle project). The target area is highly prospective for deposits related to high level intrusions including epithermal veins but also potentially prospective for, polymetallic Ag-Pb veins, skarn Cu and porphyry Au±Cu±Mo,.

Work Performed

Denis Jacobs of Whitehorse was contracted to stake an additional 18 claims to increase the size of the Bailey claim group. He accessed site on August 22nd 2020 and staked Claims Bailey 7- Bailey 24.

A crew of 4 geologists mobilized to their operating base on August 27th 2020. Due to Covid restrictions some members were not able to stay in Yukon and so needed to set up in a location on the BC side of the Yukon-BC border. A Yukon helicopter company, Tundra Helicopters of Watson Lake, had a helicopter on secondment in Atlin BC and was able to provide daily access to and from site. Due to severe wet and windy weather the crew was not able to access the site on August 28th or August 31st. On September 1st the helicopter was able to get to the target area however 140km/hour winds prevented landing at the desired site and due to the recent spat of poor weather and potential of stranding the crew called off the final day. The crew demobilized on September 2nd 2020. The Crew was able to access the target area on August 29th and 30th.

The crew of 3 geologists was provided by Big River Mineral Exploration, a Na-cho Nyak Dun Development Corporation company Based in Whitehorse. These include Charlene Duffett, Harrison Pokrandt, and Kaveer Hazra. Tyrell Sutherland of Sans Peur Exploration Services was onsite to supervise all activities.

On August 29th the crew was dropped of on the top of Finger Mountain and collected soil samples along major ridges within 2km of the landing zone. On August 30th the crew was dropped of close to the Gulch Showing where they attempted to collect a grid of soil samples. Unfortunately, a course boulder fall in the direct vicinity of the Gulch showing hampered systematic sampling distribution. During soil sampling the crew also prospected outcrops.

A total of 98 soil samples were collected as well as 27 rock samples. Additionally, a notable outcrop comprised of kaolinite and silica sinter was located near the summit of finger mountain.

Soils were delivered to AGAT Laboratories in Whitehorse. Who processed them and analyzed using ICP-MS after an aqua regia digestion? A proprietary weak digestion EDTA leach was also trialed on the soil samples. \

Prospecting samples were split into two batches. One batch was delivered to AGAT labs in Whitehorse, crushed and 30g splits were analyzed using ICP-MS after aqua-regia digestion for 51 elements. The second batch was delivered to Bureau Veritas in Whitehorse, crushed and 15g splits were analyzed using ICP-MS/ES after aqua-regia digestion for 36 elements.

Results

Prospecting

Three notable outcrops were located. These are shown in figure 5.

1. The first was a quartz-kaolinite sinter that while not anomalous for any metals is indicative of the presence of epithermal systems active within the claim. A nearby grab sample yielded 1.8ppm Ag.
2. The Gulch Showing which was describe as an ~30m wide polyphase quartz vein exhibiting breccias and choloform/crustiform textures over it's width. Four grab samples were collected, yielding weakly anomalous silver values ranging from 0.5ppm Ag to 1.6ppm Ag and up to 0.1ppm Au.
3. A choloform quartz vein 750m north east of the Gulch showing with a grab sample yielding 160ppm Ag, 0.7 ppm Au and a 40cm chip sample yielding 71ppm Ag and 0.1ppm Au.

In addition to these showings several pieces of choloform quartz float from the gulch ostensibly containing the Gossan Showing yielded anomalous values up to 2.3ppm Ag, however no mineralization was located there.

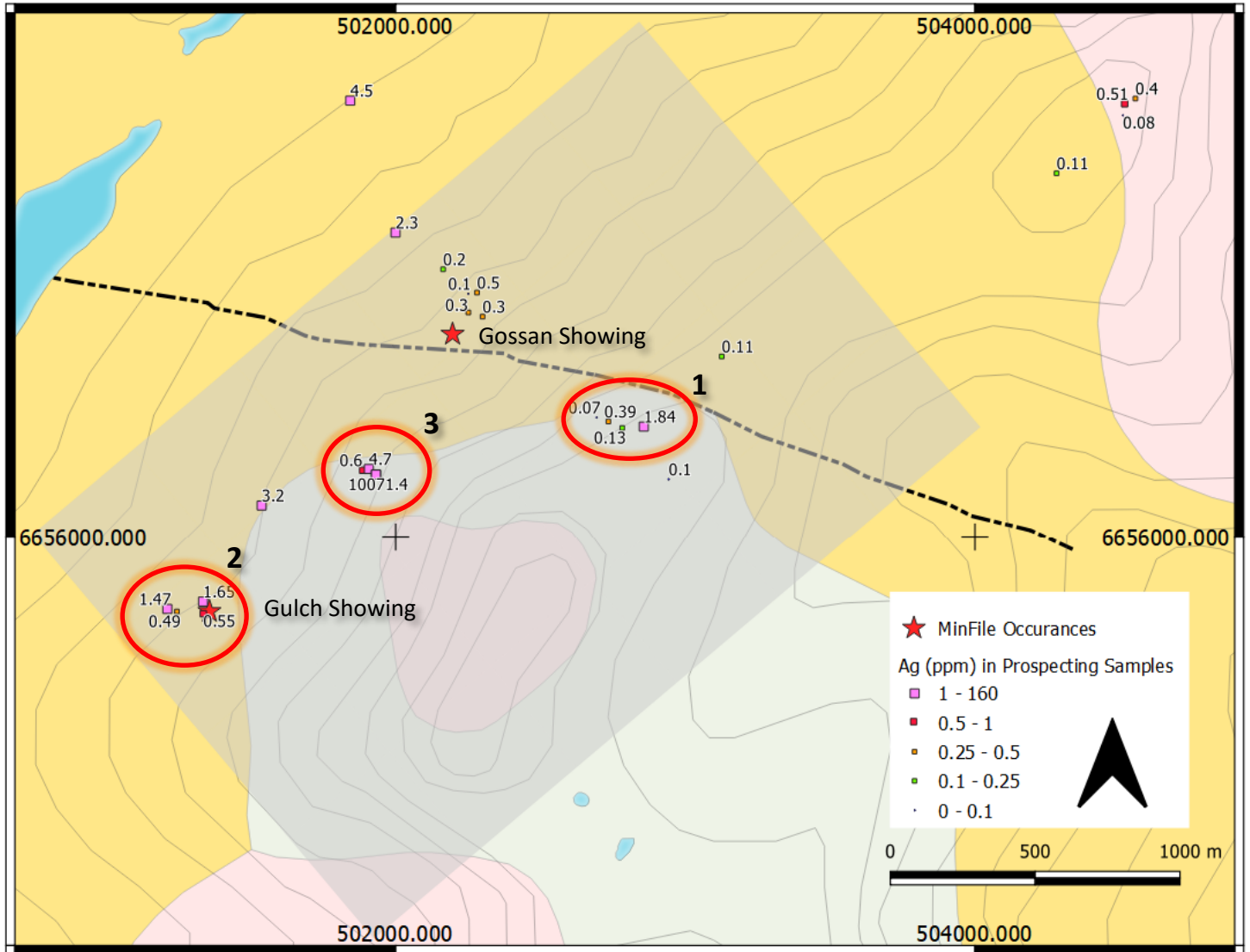


Figure 5: Prospecting Results. Areas 1, 2 and three correspond to descriptions above.

Soil Sampling

Results for both EDTA (EDTA) and ICP-MS after Aqua Regia(AQ) digestion can be found in Appendix A. Results for each element correlated well between the two different analysis methods EDTA. Notably both As and Sb were not correlative between the differing methods. Both Au and Ag were mutually correlative via both EDTA and AQ analysis methods.

Ag results(Figure 6) were weakly anomalous around the Gulch Showing using both EDTA and AQ analysis methods. There is a strong NE trending linear Ag in soil anomaly in the vicinity of the Lutjen trenches, yielding 0.8ppm Ag over 300m of strike length. Additionally, three further >1ppm Ag anomalies were

discovered using ridge and spur sampling methods. Moderately elevated Ag values occur down slope of the silica Sinter outcrop.

Au results via AQ (Figure 7) we mostly below detection except for a few anomalous samples near the Gulch Showing. Utilizing the EDTA (Figure 7) method of analysis shows indicates an anomaly centered around eh Gulch Showing and provides a more nuanced results pattern throughout the rest of the sampled area. Notably several results in the vicinity of the located Silica-Kaolinite Sinter outcrop. Neither showing yielded any notably results in the generally area that is thought to contain the trenches excavated by Lutjen in 1995.

As results from AQ analysis indicate two distinct populations of sampled media. Ridge and spur sampling east of the fault from YGS government mapping a consistently elevated in comparison to samples west of that fault line. Values of As in soil around the Gulch Showing and silica sinter outcrop are elevated in comparison to nearby values as well as near all >1ppm silver analysis from the ridge and spur sampling. The EDTA analysis appears to effectively remove this dual population result from media on either side of the fault.

Sb results appear to reflect Ag results with a less well-defined intense anomalies but with generally broader halos. The furthest NE collected sample in the program was exceptionally high in Sb (>15ppm)

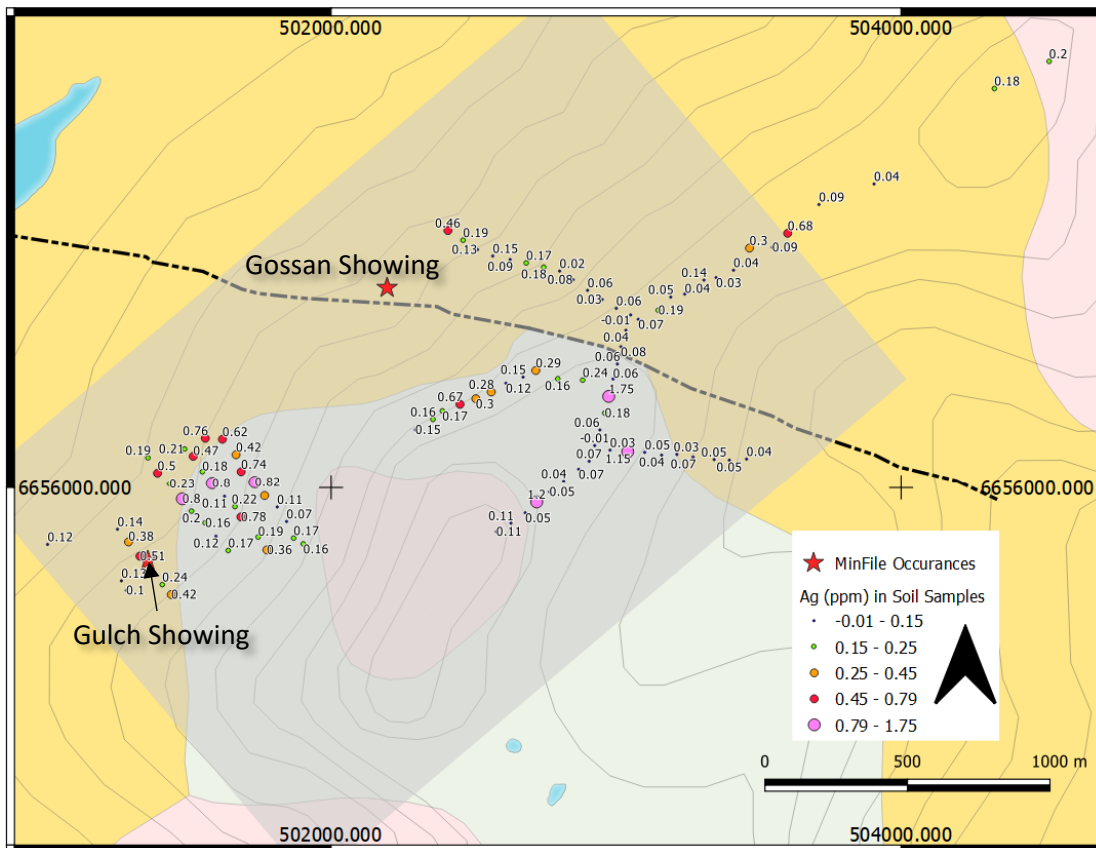


Figure 6: Silver in soils analyzed using ICP-MS after Aqua-regia Digestion

while yielding below detection using EDTA. Several other elements are quite anomalous in this sample and it requires follow-up to better define the nature of the anomaly.

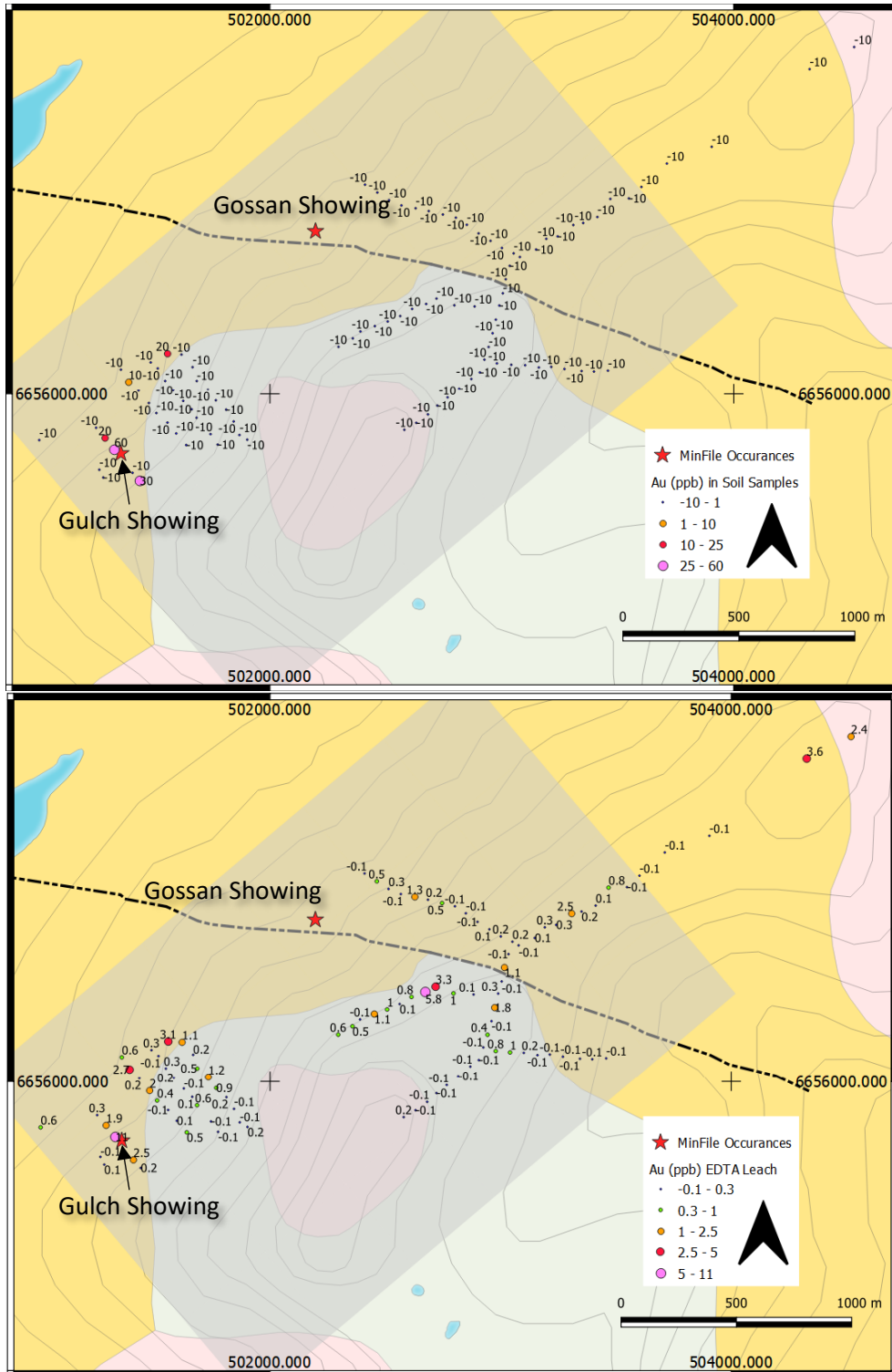


Figure 7: Gold in soils analyzed using ICP-MS after Aqua-Regia digestion (Top) and after EDTA weak leach (bottom).

Conclusion

The historical work in this target area suggests good potential for hosting mineralization like Mt. Skukum. While several occurrences are discussed in this text and historical reports, little remains of quantitative description and analysis of these occurrences. This sampling and prospecting program has succeeded in defining a 300m strike length silver in soil anomaly as well as locating a new occurrence of mineralization. The generally anomalous but non-economic gold values from prospecting work is not unexpected when exploring for high-grade epithermal systems. The strong Ag anomalies in several grab samples as well as textures of quartz float over large areas suggested numerous possible structures which could potentially host Au+/- Ag mineralization (Figure 8).

Utilizing the EDTA analysis was effective at normalizing values from two populations of As results as well as producing more consistent Ag in soil anomalies. However, this normalization of values did not materially add any further information that could not be gleaned from a measured interpretation of standard geochemical analysis.

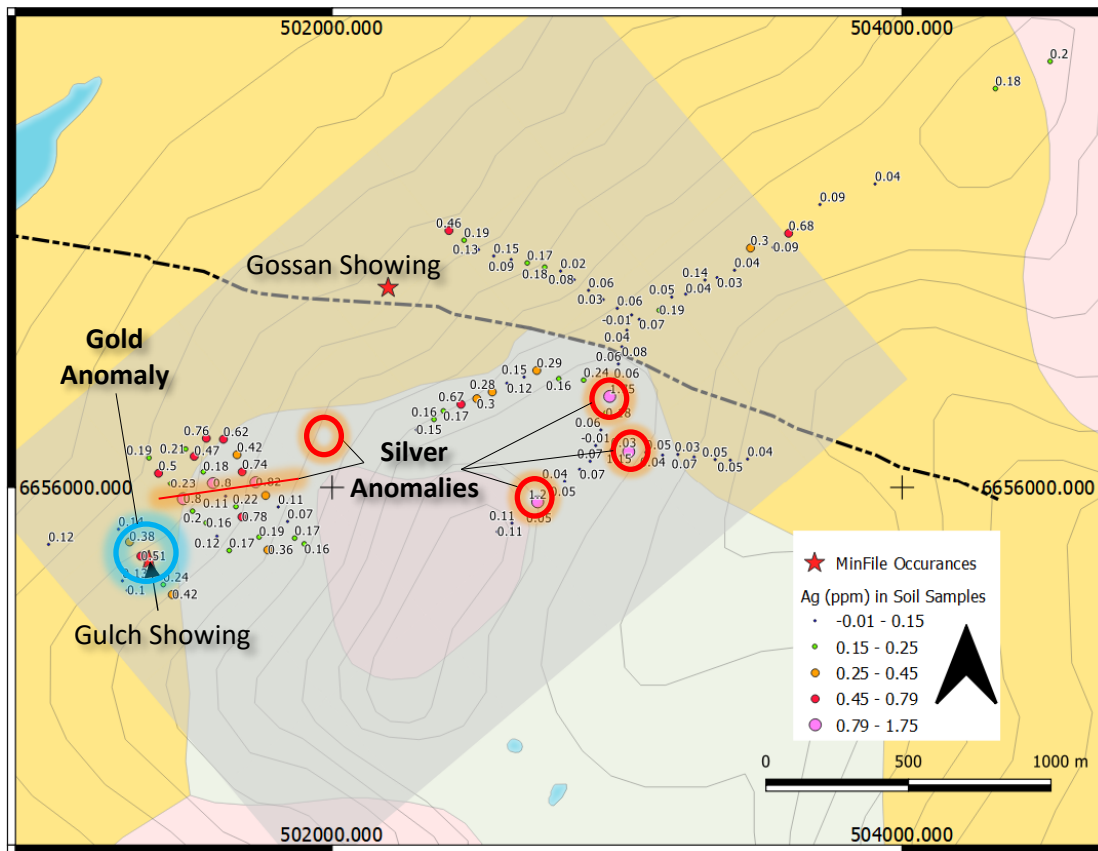


Figure 8: Au, Ag anomalies identified in target area

Recommendations

A follow up program of ridge and spur sampling along the remainder of Finger Mountain going further down slopes is advised. Areas of high silver in soils should be followed up with grid sampling and detailed ground magnetics. Anomalous areas from grid sampling corresponding to structural breaks determined from ground magnetics should be followed by targeted trenching and channel sampling. Additionally, the Gulch Showing should be channeled to get a real idea of potential mineralized shoots within the sizeable vein and other showings should be prospected to locate the source of colloform banded quartz fragments.

Budget

Table 5 - Final Budget

Activity	Contractor	Rate		Cost	
Assay - Rock	Bureau Veritas	12	Samples @	\$31.8	\$382
Assay - Rock	AGAT Labs	14	Samples @	\$30.2	\$427
Assay - Soil	AGAT Labs	98	Samples @	\$24.3	\$2,381
Wages - Geologist	Big River	21	man days @	\$400.00	\$8,400
Food and Lodging, Equipment rental	Big River	28	man days @	\$100.00	\$2,800
Truck Rental	Enterprise	7	Days	\$143	\$1,003
Helicopter	Tundra Helicopters	5.9	hr @	\$1,890	\$11,151
Senior Geologist Onsite and Reporting	Sans Peur	11	Days@	\$500	\$5,500
Claim Staking costs	Courier Du Bois, GSH Helicopters	18	Per claim	226	\$4,078
				Total	\$36,122

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Statement of Qualifications

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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 proposal is correct and of good quality.

Dated the 26th day of January 2020



Tyrell Brodie Sutherland

Big River Mineral Exploration Qualifications

Big River Mineral Exploration (Big River) is an Indigenous Owned geological contracting and consulting company based in Whitehorse, Yukon. Big River provides geologists, technicians and geological support from complete program management to single-project implementation.

We are a subsidiary of the Na-Cho Nyak Dun Development Corporation (NNDDC). The NNDDC's mandate is develop and manage business interests that provide services to the community and create employment opportunities for First Nation of Na-Cho Nyäk Dun (NND) citizens. Big River has exploration services crews based in Mayo the capital of the NND traditional territory. This local base of operations is intended both to encourage people to return to the community and allows Big River better service the numerous exploration companies operating in the NND traditional Territory.

Big River is managed by Tyrell Sutherland M.Sc., P.Geol, who has been actively exploring in the NND traditional Territory for 10 years.

Appendix A Sample Sites

Prospecting Samples

Sample ID	Easting	Northing	Sampler	Type	Job ID
1888131	501537.9	6656111	T Sutherland	Rock	WHI19000536
1888132	501886.7	6656232	T Sutherland	Rock	WHI19000536
1888133	501908.1	6656237	T Sutherland	Rock	WHI19000536
1888134	501932.6	6656218	T Sutherland	Rock	WHI19000536
1888135	501932.4	6656217	T Sutherland	Rock	WHI19000536
1888136	502251.5	6656777	T Sutherland	Rock	WHI19000536
1888137	502300.4	6656762	T Sutherland	Rock	WHI19000536
1888139	502281.2	6656845	T Sutherland	Rock	WHI19000536
1888140	502251.3	6656841	T Sutherland	Rock	WHI19000536
1888141	502164.2	6656926	T Sutherland	Rock	WHI19000536
1888142	502000.1	6657053	T Sutherland	Rock	WHI19000536
1888143	501843.8	6657508	T Sutherland	Rock	WHI19000536
1888145	504282	6657257	T Sutherland	Rock	20T648547
1888146	504517	6657497	T Sutherland	Rock	20T648547
1888147	504554	6657515	T Sutherland	Rock	20T648547
1888148	504511	6657457	T Sutherland	Rock	20T648547
1888149	503126	6656625	T Sutherland	Rock	20T648547
1888214	501336.5	6655733	K Hazra	Rock	20T648547
1888223	501335.6	6655775	K Hazra	Rock	20T648547
1888376	502942.9	6656201	C Duffett	Rock	20T648547
1888377	501212.3	6655750	C Duffett	Rock	20T648547
1888378	501245.4	6655741	C Duffett	Rock	20T648547
D00070651	502857	6656383	H Pokrandt	Rock	20T648547
D00070652	502782.7	6656378	H Pokrandt	Rock	20T648547
D00070653	502734.7	6656401	H Pokrandt	Rock	20T648547
D00070654	502694.7	6656414	H Pokrandt	Rock	20T648547

Soil Samples

Sample ID	Northing	Easting
D00070551	503078	6656591
D00070552	503148	6656623
D00070553	503191.8	6656669
D00070554	503241	6656680
D00070555	503308.3	6656729
D00070556	503351	6656737
D00070557	503412.1	6656763
D00070558	503468.1	6656841
D00070559	503548.1	6656843
D00070560	503602	6656893
D00070561	503711.8	6656994
D00070562	503905.1	6657066
D00070563	504327.2	6657400
D00070564	504519.3	6657495
D00070565	501559.3	6656174
D00070566	501619.3	6656171
D00070567	501667	6656116
D00070568	501685	6656056
D00070569	501733.1	6656018
D00070570	501767.3	6655970
D00070571	501811.4	6655930
D00070572	501844.2	6655879
D00070573	501869.1	6655821
D00070574	501902.8	6655800
D00070575	501775.2	6655779
D00070576	501744.5	6655824
D00070577	501684.2	6655895
D00070578	501663.1	6655931
D00070579	501626.7	6655967
D00070580	501583.4	6656015
D00070581	501548.8	6656056
D00070582	501516.9	6656111
D00070583	501486.5	6656136
D00070601	503034.4	6656553
D00070602	503016.9	6656495
D00070603	503004.6	6656434
D00070604	502882.8	6656378
D00070605	502795.7	6656383
D00070606	502718.4	6656412
D00070607	502673.9	6656389
D00070608	502613.7	6656367
D00070609	502562.3	6656337
D00070610	502508.1	6656313
D00070611	502452.6	6656293
D00070612	502390.8	6656270
D00070613	502357.8	6656240
D00070614	502296.2	6656204
D00070615	501358	6656105
D00070616	501391.7	6656051
D00070617	501433.7	6656013
D00070618	501478.7	6655959
D00070619	501511	6655915
D00070620	501558.8	6655874
D00070621	501596.5	6655827
D00070622	501639.6	6655777

Sample ID	Northing	Easting
1888401	502410.4	6656902
1888402	502463.4	6656869
1888403	502514.1	6656835
1888404	502567.5	6656813
1888405	502628.4	6656801
1888406	502685	6656789
1888407	502746.2	6656774
1888408	502802	6656760
1888409	502849.3	6656730
1888410	502900.2	6656693
1888411	502951.4	6656660
1888412	503000.8	6656630
1888413	503051.3	6656607
1888414	501251.1	6655852
1888415	501289.8	6655807
1888416	501330	6655757
1888417	501408.3	6655658
1888418	501440	6655623
1888451	502989.6	6656382
1888452	502974.3	6656321
1888453	502960.5	6656262
1888454	502943.5	6656203
1888455	502925.2	6656149
1888456	502979	6656133
1888457	503041	6656127
1888458	503100.6	6656125
1888459	503159.8	6656115
1888460	503213.5	6656117
1888461	503270.3	6656108
1888462	503344	6656099
1888463	503397.3	6656097
1888464	503457.7	6656101
1888465	502905.7	6656093
1888466	502868.9	6656065
1888467	502816.3	6656023
1888468	502766.4	6655983
1888469	502721.8	6655947
1888470	502681.7	6655909
1888471	502631.3	6655873
1888472	502580.1	6655843
1888473	501006	6655798
1888474	501264.8	6655671
1888475	501282	6655637

Appendix B

Assay Certificates



CLIENT NAME: MISC AGAT CLIENT ON, ON

ATTENTION TO: Tyrell Sutherland

PROJECT:

AGAT WORK ORDER: 20T648507

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Nov 10, 2020

PAGES (INCLUDING COVER): 28

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 20T648507

PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(200-) Sample Login Weight

DATE SAMPLED: Sep 09, 2020

DATE RECEIVED: Sep 10, 2020

DATE REPORTED: Nov 10, 2020

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
1888401 (1434059)		0.2186
1888402 (1434060)		0.3507
1888403 (1434061)		0.1842
1888404 (1434062)		0.1215
1888405 (1434063)		0.2151
1888406 (1434064)		0.1442
1888407 (1434065)		0.2329
1888408 (1434066)		0.2028
1888409 (1434067)		0.2484
1888410 (1434068)		0.1093
1888411 (1434069)		0.1811
1888412 (1434070)		0.1164
1888413 (1434071)		0.1511
1888414 (1434072)		0.3275
1888415 (1434073)		0.4829
1888416 (1434074)		0.5803
1888417 (1434075)		0.4764
1888418 (1434076)		0.5094
1888451 (1434077)		0.4129
1888452 (1434078)		0.3136
1888453 (1434079)		0.3042
1888454 (1434080)		0.4529
1888455 (1434081)		0.5709
1888456 (1434082)		0.4143
1888457 (1434083)		0.5061
1888458 (1434084)		0.4321
1888459 (1434085)		0.2431
1888460 (1434086)		0.2927
1888461 (1434087)		0.1633
1888462 (1434088)		0.2114
1888463 (1434089)		0.3053

Certified By:



Certificate of Analysis

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PROJECT:

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FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(200-) Sample Login Weight

DATE SAMPLED: Sep 09, 2020

DATE RECEIVED: Sep 10, 2020

DATE REPORTED: Nov 10, 2020

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
1888464 (1434090)		0.3562
1888465 (1434091)		0.2378
1888466 (1434092)		0.3027
1888467 (1434093)		0.4002
1888468 (1434094)		0.2839
1888469 (1434095)		0.3132
1888470 (1434096)		0.0661
1888471 (1434097)		0.2801
1888472 (1434098)		0.1738
1888473 (1434099)		0.4262
1888474 (1434100)		0.2989
1888475 (1434101)		0.3463

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648507

PROJECT:

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MISSISSAUGA, ONTARIO
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FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020		DATE REPORTED: Nov 10, 2020		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy
Unit:	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb
RDL:	1	1	10	0.1	10	1	10	1	5	5	30	0.5	10	1
1888401 (1434059)	38	424	<10	<0.1	399	3	34	22	26	53	<30	5.5	70	5
1888402 (1434060)	93	529	47	0.5	2310	7	31	10	318	36	140	28.8	429	28
1888403 (1434061)	36	390	134	0.3	3920	7	150	11	1510	127	175	31.3	369	95
1888404 (1434062)	3	147	<10	<0.1	1020	<1	329	119	59	72	<30	4.8	164	23
1888405 (1434063)	87	65	<10	1.3	5700	<1	614	14	70	14	<30	<0.5	382	38
1888406 (1434064)	6	98	<10	0.2	1140	<1	504	56	43	10	<30	0.9	31	15
1888407 (1434065)	68	13	<10	0.5	19200	<1	469	15	28	6	<30	1.4	92	32
1888408 (1434066)	17	148	<10	<0.1	2300	<1	361	7	287	10	30	6.9	213	36
1888409 (1434067)	45	200	19	<0.1	4050	1	313	36	600	22	32	12.0	102	126
1888410 (1434068)	16	310	18	<0.1	2360	1	141	20	353	73	71	17.3	149	80
1888411 (1434069)	15	106	12	0.1	2900	<1	288	8	263	27	<30	7.5	217	35
1888412 (1434070)	8	116	<10	0.2	2320	<1	534	64	125	70	<30	1.5	155	32
1888413 (1434071)	14	66	<10	0.2	20600	<1	494	8	132	20	<30	2.1	211	62
1888414 (1434072)	61	211	23	0.3	595	2	328	91	326	42	63	10.8	291	39
1888415 (1434073)	170	70	10	1.9	154	<1	447	94	125	36	<30	1.2	615	30
1888416 (1434074)	180	16	14	11.0	123	<1	376	41	37	19	<30	2.3	487	15
1888417 (1434075)	148	238	58	2.5	498	2	248	9	586	13	<30	28.1	321	182
1888418 (1434076)	68	240	28	0.2	600	2	200	18	591	33	34	16.7	338	58
1888451 (1434077)	56	148	23	0.3	4850	<1	394	19	596	10	<30	20.7	1790	106
1888452 (1434078)	528	142	31	1.8	1310	2	210	272	1720	83	<30	9.2	26800	108
1888453 (1434079)	22	248	21	<0.1	2910	<1	278	50	199	54	<30	9.5	384	48
1888454 (1434080)	16	162	50	0.4	379	<1	13	1	699	45	<30	35.6	877	146
1888455 (1434081)	22	44	22	<0.1	3210	<1	412	12	345	<5	<30	14.9	257	65
1888456 (1434082)	20	127	<10	0.8	6620	<1	510	6	42	21	<30	31.8	1540	16
1888457 (1434083)	49	208	70	1.0	8880	<1	145	3	1300	25	<30	27.7	464	186
1888458 (1434084)	13	127	<10	0.2	7290	<1	391	7	325	28	<30	8.3	354	47
1888459 (1434085)	10	181	14	<0.1	2010	<1	282	23	294	64	<30	10.4	1840	31
1888460 (1434086)	23	99	<10	<0.1	8300	<1	449	20	56	17	<30	3.4	1650	16
1888461 (1434087)	4	186	<10	<0.1	2270	<1	340	102	186	161	33	9.3	381	40
1888462 (1434088)	11	211	14	<0.1	1080	1	267	90	179	108	87	8.8	569	33
1888463 (1434089)	8	422	14	<0.1	3020	3	56	42	353	60	43	36.1	726	73
1888464 (1434090)	14	445	15	<0.1	2060	3	12	26	175	42	57	29.7	522	40

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648507

PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020					DATE REPORTED: Nov 10, 2020					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	
Unit:	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
RDL:	1	1	10	0.1	10	1	10	1	5	5	30	0.5	10	1	
1888465 (1434091)	29	300	15	<0.1	1650	<1	167	59	216	39	49	17.3	257	39	
1888466 (1434092)	7	353	14	<0.1	1980	1	115	104	218	36	48	32.5	115	46	
1888467 (1434093)	29	190	19	<0.1	1140	<1	293	27	308	23	38	7.6	705	132	
1888468 (1434094)	12	311	18	<0.1	385	<1	118	62	213	58	47	7.2	555	70	
1888469 (1434095)	19	205	12	<0.1	611	<1	262	34	182	50	85	7.1	130	23	
1888470 (1434096)	1	123	<10	<0.1	111	<1	238	160	44	157	<30	6.7	42	21	
1888471 (1434097)	6	264	<10	<0.1	357	<1	127	34	100	111	36	22.1	152	51	
1888472 (1434098)	9	18	<10	0.2	150	<1	294	3	30	14	<30	1.3	90	4	
1888473 (1434099)	76	28	20	0.6	52	<1	280	6	205	47	<30	1.2	241	39	
1888474 (1434100)	29	249	26	<0.1	810	5	188	26	234	109	64	8.9	168	18	
1888475 (1434101)	21	473	28	0.1	730	4	16	44	298	61	128	22.2	336	43	

Certified By:



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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020					DATE REPORTED: Nov 10, 2020					SAMPLE TYPE: Soil				
Analyte:	Er	Eu	Fe	Ga	Gd	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	
Unit:	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	
RDL:	0.5	0.5	1	1	1	1	0.5	0.1	1	5	1	10	5	0.5	
1888401 (1434059)	6.3	0.5	179	22	2	<1	<0.5	11.0	12	6	7	4790	<5	9.0	
1888402 (1434060)	11.4	7.0	208	146	29	<1	<0.5	25.3	137	27	8	2930	29	37.4	
1888403 (1434061)	37.6	28.3	174	174	136	<1	<0.5	25.1	518	46	20	5100	34	23.0	
1888404 (1434062)	18.3	4.3	53	38	19	<1	<0.5	16.9	31	9	12	20600	13	1.2	
1888405 (1434063)	20.0	13.0	5	1	46	<1	<0.5	13.1	36	<5	15	3670	16	<0.5	
1888406 (1434064)	8.9	3.6	14	1	14	<1	<0.5	22.9	17	<5	9	2460	5	<0.5	
1888407 (1434065)	17.5	14.2	3	<1	36	<1	<0.5	21.9	21	<5	7	3180	14	<0.5	
1888408 (1434066)	18.6	10.9	22	5	46	1	<0.5	21.4	114	<5	23	2600	8	0.9	
1888409 (1434067)	71.6	25.8	24	146	126	<1	<0.5	17.0	207	<5	11	7990	6	1.1	
1888410 (1434068)	43.2	18.0	92	20	78	1	<0.5	22.2	119	10	10	9550	14	5.2	
1888411 (1434069)	16.7	11.7	20	101	50	<1	<0.5	36.2	98	<5	14	6400	24	<0.5	
1888412 (1434070)	19.7	8.6	10	2	34	<1	<0.5	26.9	46	<5	20	16600	27	<0.5	
1888413 (1434071)	32.2	24.1	6	2	78	<1	<0.5	26.9	50	<5	9	5250	<5	<0.5	
1888414 (1434072)	20.1	8.7	61	21	48	1	<0.5	50.2	138	14	28	9470	102	6.3	
1888415 (1434073)	15.2	6.3	27	3	42	<1	<0.5	28.5	73	<5	56	7300	16	<0.5	
1888416 (1434074)	7.7	3.2	5	1	19	<1	<0.5	32.6	6	<5	4	6620	32	<0.5	
1888417 (1434075)	94.9	63.2	23	17	271	<1	<0.5	23.4	784	<5	4	3620	15	2.7	
1888418 (1434076)	28.8	18.0	39	19	81	1	<0.5	32.9	260	<5	4	8080	19	3.5	
1888451 (1434077)	44.0	44.0	16	161	157	1	<0.5	30.1	511	<5	7	4790	7	<0.5	
1888452 (1434078)	52.7	31.5	50	15	140	2	<0.5	37.4	843	<5	13	24400	50	<0.5	
1888453 (1434079)	26.2	9.2	38	6	53	<1	<0.5	24.9	87	7	14	9970	<5	1.3	
1888454 (1434080)	62.6	50.8	118	14	228	<1	<0.5	14.4	241	<5	1	1640	14	3.6	
1888455 (1434081)	31.1	25.0	7	3	97	<1	<0.5	21.1	368	<5	5	3430	<5	2.2	
1888456 (1434082)	7.0	5.6	8	2	20	<1	<0.5	46.2	18	10	19	735	<5	1.1	
1888457 (1434083)	71.0	73.8	142	17	325	<1	<0.5	12.6	490	<5	3	756	64	43.7	
1888458 (1434084)	19.9	18.3	24	233	77	<1	<0.5	10.9	121	6	10	1400	7	<0.5	
1888459 (1434085)	15.4	7.7	50	6	41	2	<0.5	18.5	114	<5	11	7150	13	0.6	
1888460 (1434086)	6.9	6.7	9	1	24	<1	<0.5	13.1	29	<5	8	5520	12	<0.5	
1888461 (1434087)	23.9	9.4	28	6	41	1	<0.5	80.2	65	<5	23	42100	45	<0.5	
1888462 (1434088)	17.7	8.3	72	40	38	<1	<0.5	29.3	62	11	19	15800	16	0.7	
1888463 (1434089)	35.1	13.8	81	111	63	1	<0.5	22.9	112	16	7	9450	18	2.3	
1888464 (1434090)	26.0	5.9	98	31	26	1	<0.5	16.8	74	16	4	3600	13	5.9	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648507

PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020				DATE REPORTED: Nov 10, 2020				SAMPLE TYPE: Soil					
Analyte:	Er	Eu	Fe	Ga	Gd	Hg	In	K	La	Li	Mg	Mn	Mo	Nb
Unit:	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb
RDL:	0.5	0.5	1	1	1	1	0.5	0.1	1	5	1	10	5	0.5
1888465 (1434091)	18.0	10.2	95	13	44	1	<0.5	25.4	66	11	15	7350	9	4.7
1888466 (1434092)	23.8	8.8	91	22	42	1	<0.5	33.2	68	15	11	7080	8	15.5
1888467 (1434093)	71.8	28.6	33	38	140	<1	<0.5	22.3	245	<5	14	4170	5	<0.5
1888468 (1434094)	38.4	10.6	75	13	64	1	<0.5	19.4	81	9	21	4550	5	1.5
1888469 (1434095)	10.5	4.6	72	12	28	<1	<0.5	19.2	62	10	24	3450	8	9.8
1888470 (1434096)	22.6	3.4	53	5	16	<1	<0.5	38.6	23	<5	13	37900	<5	<0.5
1888471 (1434097)	35.2	7.5	152	11	35	1	<0.5	31.5	38	9	17	13500	12	0.9
1888472 (1434098)	1.5	1.0	5	<1	6	<1	<0.5	19.4	12	<5	32	2240	<5	<0.5
1888473 (1434099)	21.5	8.9	21	2	53	<1	<0.5	18.8	103	<5	90	7120	9	1.0
1888474 (1434100)	9.1	3.6	156	35	23	1	<0.5	55.6	80	24	32	7400	19	13.0
1888475 (1434101)	24.1	7.1	139	32	38	1	<0.5	23.8	114	5	2	4650	30	11.1

Certified By:



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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020					DATE REPORTED: Nov 10, 2020					SAMPLE TYPE: Soil				
Analyte:	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Se	Sm	Sn	Sr	
Unit:	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
RDL:	1	5	0.1	10	1	1	1	5	1	5	2	1	1	10	
1888401 (1434059)	10	50	6.1	206	44	3	1	28	2	28	<2	2	1	226	
1888402 (1434060)	124	53	21.7	2010	175	32	5	274	7	85	8	25	5	203	
1888403 (1434061)	661	80	10.8	1730	177	168	7	223	9	124	<2	128	4	590	
1888404 (1434062)	51	95	1.4	943	31	12	<1	55	<1	22	<2	14	<1	873	
1888405 (1434063)	89	91	0.3	160	53	16	<1	13	<1	7	<2	29	<1	3610	
1888406 (1434064)	31	94	0.2	549	5	7	<1	16	<1	6	<2	9	<1	2980	
1888407 (1434065)	60	44	0.6	157	38	10	<1	36	<1	12	<2	22	<1	3570	
1888408 (1434066)	165	36	2.0	244	50	39	<1	88	<1	18	<2	41	<1	1570	
1888409 (1434067)	358	80	4.7	745	183	77	4	163	1	56	<2	97	<1	1170	
1888410 (1434068)	208	118	13.2	838	152	45	6	165	3	84	<2	58	<1	473	
1888411 (1434069)	172	56	4.3	251	73	36	3	79	1	13	<2	44	<1	1270	
1888412 (1434070)	91	176	1.5	269	24	19	<1	28	<1	12	<2	26	<1	2400	
1888413 (1434071)	147	85	1.6	129	62	25	<1	41	<1	9	<2	51	<1	2470	
1888414 (1434072)	192	86	10.1	903	107	46	4	155	1	53	<2	42	1	776	
1888415 (1434073)	139	86	1.2	440	17	30	2	59	<1	10	<2	32	<1	1230	
1888416 (1434074)	25	25	0.2	357	11	4	<1	44	<1	8	<2	10	<1	1330	
1888417 (1434075)	1160	22	3.2	976	400	273	8	194	<1	106	<2	244	<1	721	
1888418 (1434076)	354	37	13.5	796	234	86	6	126	<1	65	<2	75	<1	1980	
1888451 (1434077)	620	44	3.4	5370	222	145	4	110	3	24	<2	131	<1	1000	
1888452 (1434078)	666	42	12.8	9890	590	182	15	96	28	53	<2	116	<1	429	
1888453 (1434079)	153	109	4.0	299	138	35	3	50	1	30	<2	41	<1	1190	
1888454 (1434080)	804	21	4.8	91	281	148	5	95	6	83	<2	211	<1	150	
1888455 (1434081)	403	33	0.9	180	167	92	5	73	2	12	<2	78	<1	2360	
1888456 (1434082)	36	51	0.7	109	53	7	3	59	3	13	<2	10	<1	7980	
1888457 (1434083)	1250	35	12.6	214	1090	242	31	83	20	287	7	304	<1	595	
1888458 (1434084)	222	51	2.9	104	254	46	7	65	2	15	<2	58	<1	1680	
1888459 (1434085)	161	76	11.4	278	314	39	9	63	5	21	<2	35	<1	512	
1888460 (1434086)	64	48	2.9	566	29	12	<1	36	<1	7	<2	17	<1	858	
1888461 (1434087)	118	93	3.9	587	58	25	<1	219	2	30	<2	31	<1	1220	
1888462 (1434088)	113	161	6.6	901	104	24	4	77	3	43	<2	28	<1	477	
1888463 (1434089)	184	89	21.9	3690	229	40	4	163	8	65	<2	49	<1	394	
1888464 (1434090)	86	86	29.8	2040	190	20	2	154	8	68	3	20	<1	159	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648507

PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020					DATE REPORTED: Nov 10, 2020					SAMPLE TYPE: Soil				
Analyte:	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Se	Sm	Sn	Sr	
Unit:	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
RDL:	1	5	0.1	10	1	1	1	5	1	5	2	1	1	10	
1888465 (1434091)	119	90	16.9	756	159	26	5	85	5	40	<2	33	<1	778	
1888466 (1434092)	114	76	17.0	1690	133	24	5	143	2	46	<2	33	<1	1070	
1888467 (1434093)	406	81	2.8	675	170	90	2	61	<1	37	<2	104	<1	430	
1888468 (1434094)	171	214	5.7	743	111	36	3	45	<1	56	<2	44	<1	633	
1888469 (1434095)	95	95	11.9	657	134	22	5	76	1	32	<2	24	<1	774	
1888470 (1434096)	39	21	3.0	291	16	9	1	42	<1	19	<2	11	<1	666	
1888471 (1434097)	72	84	4.2	329	51	15	1	78	<1	37	<2	21	<1	558	
1888472 (1434098)	19	18	3.8	22	12	4	<1	36	<1	6	<2	5	<1	1120	
1888473 (1434099)	170	24	1.5	263	139	36	5	43	<1	14	<2	38	<1	1340	
1888474 (1434100)	90	78	16.1	921	62	23	3	127	<1	57	<2	20	2	643	
1888475 (1434101)	138	44	24.7	1310	127	35	4	142	<1	59	9	32	1	109	

Certified By:



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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020						DATE REPORTED: Nov 10, 2020					SAMPLE TYPE: Soil	
Analyte:	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	Zr	
Unit:	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
RDL:	1	1	0.5	3	0.5	1	1	1	1	1	20	5	
1888401 (1434059)	<1	<1	48.4	3000	<0.5	24	79	2	28	8	891	41	
1888402 (1434060)	<1	5	342	12000	1.2	80	220	11	109	10	399	163	
1888403 (1434061)	<1	20	451	6820	1.4	210	215	9	435	31	520	126	
1888404 (1434062)	<1	4	36.3	1050	<0.5	74	24	2	186	20	996	17	
1888405 (1434063)	<1	7	51.2	1040	<0.5	128	<1	2	258	20	175	6	
1888406 (1434064)	<1	2	16.9	855	<0.5	35	1	<1	115	9	433	<5	
1888407 (1434065)	<1	5	30.1	793	<0.5	28	<1	2	188	18	90	6	
1888408 (1434066)	<1	6	77.9	776	<0.5	60	11	1	179	17	246	23	
1888409 (1434067)	<1	21	162	826	0.6	164	16	2	698	66	290	63	
1888410 (1434068)	<1	13	237	1480	0.7	129	48	2	403	39	787	92	
1888411 (1434069)	<1	7	82.3	598	<0.5	59	12	2	168	15	235	35	
1888412 (1434070)	<1	5	21.8	883	<0.5	104	5	<1	200	18	384	10	
1888413 (1434071)	<1	11	41.7	801	<0.5	72	2	1	329	28	99	8	
1888414 (1434072)	<1	7	196	1960	0.6	295	55	4	197	18	708	74	
1888415 (1434073)	<1	6	114	808	<0.5	226	4	1	161	12	299	13	
1888416 (1434074)	<1	3	36.7	600	<0.5	37	2	2	96	7	242	10	
1888417 (1434075)	<1	36	315	1190	0.7	437	24	4	1110	81	182	177	
1888418 (1434076)	<1	12	273	1330	0.6	131	30	2	294	25	588	157	
1888451 (1434077)	<1	21	77.2	725	<0.5	41	19	1	453	32	228	112	
1888452 (1434078)	<1	20	150	638	<0.5	122	30	2	549	45	293	399	
1888453 (1434079)	<1	8	47.2	1180	<0.5	58	20	1	231	21	315	78	
1888454 (1434080)	<1	29	85.6	729	0.7	81	23	18	528	52	206	157	
1888455 (1434081)	<1	13	88.5	761	<0.5	30	3	10	325	27	134	85	
1888456 (1434082)	<1	3	46.6	942	<0.5	33	5	3	68	5	75	29	
1888457 (1434083)	<1	40	245	14100	<0.5	272	72	9	632	53	164	634	
1888458 (1434084)	<1	10	62.5	880	<0.5	61	11	2	190	14	68	155	
1888459 (1434085)	<1	6	95.6	801	<0.5	40	19	1	135	14	1350	213	
1888460 (1434086)	<1	3	20.6	827	<0.5	44	5	1	66	5	200	18	
1888461 (1434087)	<1	7	31.0	793	<0.5	59	23	2	180	21	1530	35	
1888462 (1434088)	<1	6	42.7	1020	<0.5	42	39	1	148	14	1090	68	
1888463 (1434089)	<1	12	97.5	1070	0.7	75	62	2	317	26	685	160	
1888464 (1434090)	<1	6	115	1870	0.8	76	66	2	182	21	368	153	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648507

PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020						DATE REPORTED: Nov 10, 2020					SAMPLE TYPE: Soil	
Analyte:	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	Zr	
Unit:	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
RDL:	1	1	0.5	3	0.5	1	1	1	1	1	20	5	
1888465 (1434091)	<1	7	111	1550	<0.5	39	46	2	166	15	1250	115	
1888466 (1434092)	<1	7	117	2220	<0.5	43	45	2	192	19	2950	103	
1888467 (1434093)	<1	21	131	745	<0.5	141	18	2	637	59	349	61	
1888468 (1434094)	<1	11	133	885	<0.5	109	32	2	333	30	963	59	
1888469 (1434095)	<1	4	191	1920	<0.5	44	38	2	94	9	897	91	
1888470 (1434096)	<1	3	17.7	512	<0.5	83	18	<1	125	32	3760	12	
1888471 (1434097)	<1	7	105	705	<0.5	120	31	1	243	32	1150	20	
1888472 (1434098)	<1	<1	21.9	647	<0.5	6	7	<1	14	1	164	7	
1888473 (1434099)	<1	7	255	597	<0.5	117	20	2	201	18	63	67	
1888474 (1434100)	<1	3	160	3870	0.5	62	88	7	80	8	1020	35	
1888475 (1434101)	<1	7	489	2510	0.7	256	71	7	165	21	1140	92	

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648507

PROJECT:

5623 McADAM ROAD
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<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020										DATE REPORTED: Nov 10, 2020			SAMPLE TYPE: Soil	
Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	
1888401 (1434059)	0.46	0.96	2.9	<0.01	<5	112	0.25	0.42	0.19	0.26	12.9	3.5	219	1.27	
1888402 (1434060)	0.19	1.00	3.8	<0.01	<5	65	0.31	0.37	0.19	0.16	19.9	6.1	74.6	1.44	
1888403 (1434061)	0.13	1.14	5.9	<0.01	<5	124	0.41	0.25	0.36	0.18	25.4	7.1	143	1.31	
1888404 (1434062)	0.15	0.93	3.3	<0.01	<5	238	0.36	0.28	0.76	0.32	18.6	5.7	198	1.10	
1888405 (1434063)	0.09	0.75	4.4	<0.01	<5	292	0.71	0.22	0.30	0.14	18.9	3.7	112	1.36	
1888406 (1434064)	0.17	0.59	2.7	<0.01	<5	209	0.61	0.18	0.69	0.23	14.4	3.1	156	1.13	
1888407 (1434065)	0.18	0.37	1.4	<0.01	<5	275	0.47	0.21	0.25	0.12	11.9	1.7	102	0.99	
1888408 (1434066)	0.02	0.82	0.8	<0.01	<5	185	0.48	0.09	0.19	0.07	18.9	3.2	130	1.31	
1888409 (1434067)	0.08	0.74	2.8	<0.01	<5	236	0.57	0.21	0.21	0.10	19.7	3.9	104	1.45	
1888410 (1434068)	0.06	0.94	2.7	<0.01	<5	198	0.42	0.24	0.30	0.11	20.0	6.1	191	1.23	
1888411 (1434069)	0.03	0.76	2.6	<0.01	<5	159	0.39	0.24	0.20	0.07	14.7	5.0	152	0.93	
1888412 (1434070)	0.06	0.85	8.2	<0.01	<5	254	0.56	0.50	0.38	0.15	19.3	6.0	186	1.00	
1888413 (1434071)	<0.01	0.52	2.8	<0.01	<5	622	0.60	0.14	0.18	0.06	14.8	3.1	126	0.91	
1888414 (1434072)	0.14	0.82	2.1	<0.01	<5	65	0.35	0.32	0.39	0.35	19.4	4.9	96.8	1.70	
1888415 (1434073)	0.38	1.08	5.0	0.02	<5	47	0.54	0.31	0.54	0.39	23.0	6.1	55.0	1.25	
1888416 (1434074)	0.51	1.13	4.0	0.06	<5	41	0.73	0.29	1.03	0.41	39.7	4.7	46.4	1.65	
1888417 (1434075)	0.24	1.20	6.6	<0.01	<5	62	0.68	0.47	0.43	0.22	32.1	6.7	38.0	2.10	
1888418 (1434076)	0.42	1.70	9.3	0.03	<5	71	0.87	0.86	0.66	0.31	32.3	7.9	22.1	2.96	
1888451 (1434077)	0.06	1.28	1.1	<0.01	<5	279	0.39	0.15	0.32	0.22	33.8	11.9	31.3	0.84	
1888452 (1434078)	1.75	1.30	1.8	<0.01	<5	80	0.36	0.40	0.28	2.52	36.7	14.7	28.3	0.70	
1888453 (1434079)	0.18	1.85	4.6	<0.01	<5	573	0.58	0.11	0.48	0.24	20.6	17.5	37.7	1.31	
1888454 (1434080)	0.06	1.03	12.0	<0.01	<5	140	0.49	0.16	0.07	0.05	52.6	7.2	9.0	2.02	
1888455 (1434081)	<0.01	0.83	2.0	<0.01	<5	139	0.48	0.07	0.24	0.08	36.7	5.5	25.9	1.17	
1888456 (1434082)	0.03	0.83	1.6	<0.01	<5	349	0.67	0.10	0.34	0.07	13.0	12.6	12.0	1.56	
1888457 (1434083)	1.15	0.86	6.3	<0.01	<5	293	0.46	0.19	0.10	0.08	50.1	5.2	5.9	1.97	
1888458 (1434084)	0.05	1.24	2.5	<0.01	<5	568	0.51	0.07	0.29	0.08	31.9	16.7	14.7	1.55	
1888459 (1434085)	0.04	1.06	1.8	<0.01	<5	154	0.36	0.06	0.42	0.13	22.7	13.2	42.5	0.78	
1888460 (1434086)	0.03	1.56	1.4	<0.01	<5	661	0.39	0.10	0.43	0.10	13.9	13.5	34.2	0.77	
1888461 (1434087)	0.07	1.55	2.1	<0.01	<5	285	0.49	0.12	0.51	0.23	17.9	17.3	65.3	1.18	
1888462 (1434088)	0.05	2.10	3.4	<0.01	<5	119	0.41	0.19	0.61	0.28	23.7	23.1	105	0.95	
1888463 (1434089)	0.05	1.68	2.2	<0.01	<5	256	0.51	0.27	0.36	0.27	21.7	15.4	43.8	1.57	
1888464 (1434090)	0.04	1.56	3.4	<0.01	<5	127	0.34	0.23	0.26	0.28	16.3	15.6	40.1	1.28	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648507

PROJECT:

5623 McADAM ROAD
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020										DATE REPORTED: Nov 10, 2020				SAMPLE TYPE: Soil	
Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs		
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm		
RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05		
1888465 (1434091)	0.07	1.70	2.2	<0.01	<5	105	0.40	0.11	0.35	0.33	14.6	15.4	42.6	0.96		
1888466 (1434092)	0.07	0.78	1.0	<0.01	<5	121	0.37	0.13	0.19	0.34	8.55	3.8	43.7	1.79		
1888467 (1434093)	0.04	1.03	3.6	<0.01	<5	193	0.61	0.22	0.29	0.11	31.8	9.6	38.4	0.81		
1888468 (1434094)	0.05	1.72	5.6	<0.01	<5	71	0.61	0.12	0.69	0.19	24.5	16.5	78.4	0.96		
1888469 (1434095)	1.20	0.87	5.3	<0.01	<5	303	0.48	0.20	0.10	0.10	53.2	5.5	6.0	1.98		
1888470 (1434096)	0.05	0.97	1.4	<0.01	<5	51	0.38	0.14	0.35	0.26	15.1	7.8	52.4	0.66		
1888471 (1434097)	0.11	1.13	1.7	<0.01	<5	76	0.64	0.11	0.50	0.16	20.6	23.0	59.8	1.37		
1888472 (1434098)	0.11	1.26	1.6	<0.01	<5	34	0.40	0.06	0.65	0.09	18.3	11.2	59.4	0.58		
1888473 (1434099)	0.12	0.92	1.9	<0.01	<5	27	0.55	0.35	0.31	0.08	25.1	7.0	49.5	1.33		
1888474 (1434100)	0.13	0.93	3.1	<0.01	<5	61	0.33	0.37	0.39	0.15	20.8	7.2	60.7	1.87		
1888475 (1434101)	0.10	0.96	4.7	<0.01	<5	84	0.28	0.38	0.21	0.18	17.6	4.5	88.0	1.85		

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648507

PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020		DATE REPORTED: Nov 10, 2020		SAMPLE TYPE: Soil									
Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
1888401 (1434059)	8.6	1.66	4.69	1.25	0.62	0.02	0.009	0.11	6.7	4.4	0.22	382	21.4	0.04
1888402 (1434060)	6.7	1.87	4.63	1.30	0.07	0.01	0.010	0.08	10.0	11.2	0.55	304	6.79	0.02
1888403 (1434061)	6.9	2.01	4.60	1.31	0.09	0.01	0.019	0.14	12.3	12.9	0.62	401	12.8	0.05
1888404 (1434062)	11.2	1.82	4.22	1.30	0.39	0.04	0.011	0.17	10.1	9.4	0.45	379	20.2	0.05
1888405 (1434063)	11.1	1.33	2.61	1.27	0.09	0.03	0.011	0.17	9.9	8.8	0.19	649	16.6	0.03
1888406 (1434064)	8.2	1.05	1.86	1.28	0.22	0.03	<0.005	0.21	7.3	3.6	0.12	348	17.8	0.04
1888407 (1434065)	12.6	0.77	1.01	1.26	0.05	0.02	<0.005	0.19	6.3	2.4	0.04	258	14.1	0.03
1888408 (1434066)	7.0	1.18	3.53	1.26	0.04	0.01	0.008	0.16	6.8	8.8	0.25	546	12.4	0.05
1888409 (1434067)	6.5	1.19	2.77	1.27	0.04	0.01	0.008	0.15	8.6	8.9	0.24	517	10.2	0.03
1888410 (1434068)	7.6	1.62	4.09	1.28	0.05	0.01	0.009	0.19	9.3	10.4	0.44	517	20.5	0.07
1888411 (1434069)	9.2	1.31	3.17	1.26	0.04	0.01	0.007	0.20	6.7	8.9	0.32	385	18.2	0.06
1888412 (1434070)	13.2	1.43	3.20	1.25	0.10	0.03	0.012	0.22	8.4	8.6	0.23	619	28.3	0.07
1888413 (1434071)	8.5	1.19	1.51	1.25	0.04	0.01	0.006	0.20	6.7	2.2	0.06	485	13.3	0.04
1888414 (1434072)	6.6	1.60	4.12	1.29	0.04	<0.01	0.012	0.14	9.6	9.4	0.42	405	11.0	0.03
1888415 (1434073)	9.6	1.83	4.64	1.28	0.04	<0.01	0.014	0.12	11.0	11.3	0.49	484	6.89	0.02
1888416 (1434074)	9.3	1.80	5.18	1.36	0.10	<0.01	0.021	0.13	20.3	10.1	0.42	503	8.24	0.02
1888417 (1434075)	10.1	2.10	5.31	1.32	0.43	<0.01	0.017	0.14	15.3	13.2	0.50	506	4.89	0.03
1888418 (1434076)	13.7	2.40	6.91	1.29	0.37	0.02	0.021	0.13	14.6	15.4	0.56	667	4.20	0.02
1888451 (1434077)	23.2	2.37	4.46	1.30	0.18	<0.01	0.006	0.12	14.9	14.0	0.92	831	3.29	0.01
1888452 (1434078)	323	3.39	6.65	1.33	0.13	0.01	0.010	0.11	18.9	14.9	0.71	979	5.76	0.03
1888453 (1434079)	40.8	2.82	6.06	1.27	0.24	0.02	0.010	0.07	8.3	23.7	1.21	861	3.54	0.02
1888454 (1434080)	47.2	4.72	3.16	1.37	0.04	0.02	0.013	0.14	26.2	7.3	0.19	196	6.40	0.13
1888455 (1434081)	6.0	1.27	2.53	1.29	0.07	<0.01	<0.005	0.09	19.4	13.7	0.52	395	2.60	0.01
1888456 (1434082)	14.3	4.11	2.19	1.32	0.07	0.01	0.017	0.09	6.5	15.2	0.23	483	0.80	0.03
1888457 (1434083)	33.9	3.49	2.71	1.32	0.13	0.01	0.007	0.15	29.2	8.9	0.21	158	17.4	0.09
1888458 (1434084)	23.7	2.84	3.82	1.29	0.08	<0.01	0.006	0.12	16.0	17.9	0.52	638	3.51	0.05
1888459 (1434085)	26.2	2.27	4.14	1.31	0.12	0.02	<0.005	0.12	11.4	12.6	0.64	576	5.22	0.03
1888460 (1434086)	25.0	2.24	4.72	1.26	0.11	<0.01	0.005	0.11	6.4	19.9	1.09	697	3.15	0.02
1888461 (1434087)	29.4	2.36	4.63	1.28	0.15	0.04	0.007	0.19	8.2	16.7	1.09	867	5.35	0.03
1888462 (1434088)	20.6	3.11	7.29	1.33	0.10	0.01	0.010	0.12	10.5	33.0	2.09	770	5.06	0.03
1888463 (1434089)	29.1	2.57	5.19	1.28	0.05	0.02	0.010	0.13	9.0	19.7	1.10	875	4.29	0.02
1888464 (1434090)	19.8	2.48	5.22	1.28	0.06	0.02	0.007	0.10	7.5	18.1	1.04	751	3.94	0.02

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648507

PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020				DATE REPORTED: Nov 10, 2020				SAMPLE TYPE: Soil					
Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
1888465 (1434091)	17.5	2.36	5.35	1.28	0.07	<0.01	0.007	0.12	6.0	28.8	1.29	606	3.50	0.03
1888466 (1434092)	4.7	0.95	2.63	1.23	1.11	0.02	0.007	0.17	3.4	6.8	0.20	406	4.06	0.02
1888467 (1434093)	17.3	2.15	4.53	1.30	0.24	0.01	0.016	0.09	12.2	12.3	0.77	614	3.47	0.02
1888468 (1434094)	15.2	2.82	6.82	1.37	0.26	0.02	0.011	0.05	10.1	26.1	1.74	550	4.02	0.03
1888469 (1434095)	34.8	3.56	2.78	1.34	0.13	0.02	0.008	0.15	30.7	9.0	0.21	162	18.6	0.09
1888470 (1434096)	6.8	1.71	4.38	1.29	0.24	0.01	0.005	0.09	6.5	14.8	0.72	434	4.36	0.02
1888471 (1434097)	26.0	3.48	4.76	1.32	0.18	0.03	0.008	0.14	9.8	15.8	0.81	559	8.07	0.02
1888472 (1434098)	10.5	2.43	5.43	1.33	0.09	0.01	0.010	0.08	8.0	19.9	1.08	461	5.87	0.04
1888473 (1434099)	6.0	1.77	4.27	1.31	0.10	<0.01	0.007	0.12	10.3	12.8	0.74	377	4.83	0.02
1888474 (1434100)	6.3	2.18	5.63	1.31	0.09	0.02	0.012	0.13	9.7	12.8	0.56	293	6.90	0.03
1888475 (1434101)	7.5	1.85	4.18	1.27	0.06	0.01	0.015	0.11	8.5	11.8	0.34	312	9.27	0.03

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648507

PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020							DATE REPORTED: Nov 10, 2020				SAMPLE TYPE: Soil			
Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.05	0.2	10	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
1888401 (1434059)	1.82	7.8	488	17.0	10.0	0.003	0.02	1.18	0.8	<0.2	1.0	30.9	1.98	0.24	
1888402 (1434060)	1.26	10.7	421	16.2	11.1	0.001	<0.01	0.94	1.5	<0.2	0.6	19.4	1.04	0.22	
1888403 (1434061)	1.89	10.0	381	16.9	10.9	0.002	<0.01	1.16	2.3	<0.2	0.9	35.4	1.02	0.20	
1888404 (1434062)	2.67	9.4	484	14.5	13.1	0.002	0.03	1.29	2.0	<0.2	0.7	61.6	2.52	0.22	
1888405 (1434063)	0.27	5.6	261	20.1	8.4	0.001	0.01	0.79	1.3	<0.2	0.3	35.4	1.04	0.16	
1888406 (1434064)	0.46	5.9	285	18.2	9.7	0.002	0.02	0.85	1.0	<0.2	0.2	80.0	1.74	0.19	
1888407 (1434065)	<0.05	3.4	172	11.6	7.8	0.001	<0.01	0.51	0.6	<0.2	<0.2	30.5	0.94	0.18	
1888408 (1434066)	0.36	5.8	296	14.2	8.7	0.002	<0.01	0.46	1.2	<0.2	0.2	29.6	0.93	0.18	
1888409 (1434067)	0.68	5.2	260	14.5	9.3	0.001	0.01	0.82	1.3	<0.2	0.3	30.1	0.95	0.16	
1888410 (1434068)	1.81	8.2	403	12.5	12.3	0.002	0.02	1.11	1.5	<0.2	0.5	41.8	1.04	0.15	
1888411 (1434069)	0.64	6.8	184	9.8	8.6	0.002	0.01	0.99	1.2	<0.2	0.3	29.7	0.92	0.19	
1888412 (1434070)	0.42	7.7	417	18.8	9.8	0.002	0.04	1.97	1.3	<0.2	0.3	58.0	1.09	0.21	
1888413 (1434071)	<0.05	5.5	218	12.4	7.4	0.002	0.02	0.91	1.2	<0.2	<0.2	24.1	0.89	0.15	
1888414 (1434072)	2.03	5.4	422	14.0	19.8	<0.001	0.02	0.65	1.5	<0.2	0.6	30.6	0.98	0.18	
1888415 (1434073)	1.44	6.0	436	22.1	11.0	<0.001	0.02	0.80	2.0	<0.2	0.5	42.6	0.90	0.17	
1888416 (1434074)	0.17	3.0	464	22.0	8.9	<0.001	0.05	0.56	2.4	<0.2	0.6	51.4	0.83	0.23	
1888417 (1434075)	0.80	5.5	651	21.1	12.1	<0.001	0.01	0.97	2.6	<0.2	0.8	40.7	0.96	0.45	
1888418 (1434076)	1.30	5.2	724	28.6	11.5	<0.001	0.02	0.94	2.5	<0.2	0.6	72.4	0.96	0.49	
1888451 (1434077)	<0.05	4.8	752	55.5	5.7	<0.001	<0.01	2.73	1.3	<0.2	<0.2	16.0	0.86	0.16	
1888452 (1434078)	0.05	5.2	815	88.8	5.0	<0.001	0.02	4.00	1.9	<0.2	<0.2	17.5	0.85	0.18	
1888453 (1434079)	1.14	18.3	824	13.7	4.7	0.001	0.04	1.55	1.5	<0.2	0.2	49.7	1.04	0.15	
1888454 (1434080)	<0.05	3.7	1510	22.4	4.3	<0.001	0.54	2.65	1.5	<0.2	<0.2	216	0.84	0.15	
1888455 (1434081)	<0.05	3.2	601	7.6	4.0	<0.001	0.01	1.57	0.9	<0.2	<0.2	19.2	0.82	0.13	
1888456 (1434082)	<0.05	7.2	523	7.8	2.6	<0.001	<0.01	5.74	1.6	<0.2	0.4	90.4	0.81	0.14	
1888457 (1434083)	2.41	3.3	1110	43.6	4.9	<0.001	0.39	3.48	2.8	0.7	<0.2	177	0.82	0.21	
1888458 (1434084)	0.08	17.2	853	11.7	5.1	<0.001	0.15	1.10	1.1	<0.2	<0.2	52.7	0.85	0.15	
1888459 (1434085)	1.32	5.4	758	8.3	6.8	<0.001	0.03	1.57	1.2	<0.2	<0.2	37.8	0.90	0.14	
1888460 (1434086)	0.15	17.2	792	18.1	4.6	<0.001	0.02	1.10	1.2	<0.2	<0.2	26.0	0.90	0.13	
1888461 (1434087)	0.40	32.8	951	12.9	11.2	<0.001	0.03	2.11	1.8	<0.2	<0.2	45.6	1.13	0.13	
1888462 (1434088)	0.84	53.5	1390	14.7	8.4	<0.001	0.02	1.97	2.8	<0.2	0.2	38.5	0.90	0.14	
1888463 (1434089)	0.46	20.6	1010	31.1	7.8	<0.001	0.02	2.84	1.4	<0.2	<0.2	35.6	0.88	0.13	
1888464 (1434090)	0.30	19.1	996	23.6	6.2	<0.001	0.02	2.38	1.1	<0.2	<0.2	19.8	0.87	0.15	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648507

PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020							DATE REPORTED: Nov 10, 2020				SAMPLE TYPE: Soil			
Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.05	0.2	10	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
1888465 (1434091)	0.74	16.6	877	11.8	5.8	<0.001	0.01	1.17	1.4	<0.2	0.2	27.4	0.87	0.12	
1888466 (1434092)	2.47	4.1	382	15.5	9.1	<0.001	0.02	0.95	0.4	<0.2	0.7	36.3	1.26	0.33	
1888467 (1434093)	0.35	8.8	754	18.4	5.2	<0.001	0.01	0.62	1.9	<0.2	0.3	17.6	0.91	0.25	
1888468 (1434094)	2.83	44.5	968	10.8	3.7	<0.001	0.02	0.99	3.5	<0.2	0.6	63.3	0.93	0.18	
1888469 (1434095)	2.57	3.4	1120	46.2	4.9	<0.001	0.39	3.93	2.9	0.6	0.2	176	0.82	0.25	
1888470 (1434096)	1.48	9.5	699	12.8	5.9	<0.001	0.02	0.73	1.2	<0.2	0.2	27.2	0.93	0.12	
1888471 (1434097)	0.93	23.7	975	8.2	7.8	0.001	0.05	0.79	1.7	<0.2	0.3	37.8	1.08	0.14	
1888472 (1434098)	1.01	6.9	948	4.9	4.8	0.004	0.01	0.78	2.7	<0.2	0.2	42.0	0.92	0.14	
1888473 (1434099)	0.65	7.0	547	8.6	9.7	<0.001	<0.01	0.66	1.7	<0.2	0.2	22.7	0.82	0.20	
1888474 (1434100)	2.48	6.9	775	11.2	18.1	<0.001	0.01	0.94	2.4	<0.2	0.7	30.2	0.85	0.22	
1888475 (1434101)	1.63	5.5	467	13.1	11.1	0.001	0.01	0.66	1.4	<0.2	0.6	19.3	0.88	0.19	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648507

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020					DATE REPORTED: Nov 10, 2020				SAMPLE TYPE: Soil
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5	
Sample ID (AGAT ID)										
1888401 (1434059)	0.4	0.024	0.06	0.77	34.3	0.98	2.15	30.6	0.9	
1888402 (1434060)	1.4	0.043	0.03	1.01	36.9	1.09	4.06	40.6	<0.5	
1888403 (1434061)	4.1	0.077	0.04	1.25	39.4	0.89	5.87	43.8	0.6	
1888404 (1434062)	3.6	0.050	0.04	1.23	34.3	0.84	5.76	36.4	3.1	
1888405 (1434063)	3.3	<0.005	0.02	1.86	12.9	0.53	7.21	34.0	1.9	
1888406 (1434064)	2.3	<0.005	<0.02	1.54	8.4	0.55	5.11	21.8	2.6	
1888407 (1434065)	1.6	<0.005	<0.02	0.99	3.1	0.35	4.26	17.6	1.2	
1888408 (1434066)	2.2	0.008	<0.02	1.15	18.1	0.43	4.04	36.1	0.8	
1888409 (1434067)	2.2	0.014	0.03	1.35	17.3	0.49	4.52	32.2	0.6	
1888410 (1434068)	2.7	0.043	0.04	1.29	25.9	0.64	5.82	37.3	<0.5	
1888411 (1434069)	1.8	0.016	<0.02	1.20	17.6	1.61	3.23	27.7	1.1	
1888412 (1434070)	1.7	<0.005	0.03	1.59	16.7	0.66	4.56	28.9	2.3	
1888413 (1434071)	1.7	<0.005	<0.02	1.09	10.8	0.41	7.48	21.6	1.1	
1888414 (1434072)	2.1	0.058	0.05	2.34	29.0	0.63	5.25	43.7	<0.5	
1888415 (1434073)	6.2	0.052	0.06	2.04	36.9	0.76	6.65	50.9	0.8	
1888416 (1434074)	13.1	0.042	0.02	2.37	25.9	0.48	14.5	55.7	2.9	
1888417 (1434075)	11.7	0.052	0.09	2.93	38.5	0.83	10.7	55.5	1.6	
1888418 (1434076)	6.4	0.046	0.08	3.03	43.0	0.87	10.5	65.3	1.3	
1888451 (1434077)	3.4	0.006	<0.02	0.81	29.3	0.67	6.18	103	2.7	
1888452 (1434078)	4.5	0.010	<0.02	1.75	52.5	1.18	7.28	77.5	3.5	
1888453 (1434079)	0.6	0.042	<0.02	0.63	39.7	0.75	4.51	62.4	2.7	
1888454 (1434080)	5.7	0.016	0.03	1.73	18.1	0.42	7.12	56.3	2.8	
1888455 (1434081)	6.4	<0.005	<0.02	0.84	11.7	0.35	7.32	38.3	3.7	
1888456 (1434082)	5.1	0.032	<0.02	1.69	68.4	0.40	4.21	26.2	2.8	
1888457 (1434083)	6.3	0.109	<0.02	5.23	26.1	0.75	2.88	28.5	10.1	
1888458 (1434084)	3.6	<0.005	<0.02	1.44	21.2	0.40	5.87	52.5	4.1	
1888459 (1434085)	2.1	0.045	<0.02	0.92	26.5	0.55	5.50	60.7	4.5	
1888460 (1434086)	0.7	0.011	<0.02	0.61	25.2	0.40	4.20	58.9	2.7	
1888461 (1434087)	1.3	0.018	0.03	0.64	32.0	0.66	4.74	61.0	3.5	
1888462 (1434088)	0.8	0.059	<0.02	0.57	54.5	0.50	8.56	87.7	3.1	
1888463 (1434089)	<0.1	0.021	0.02	0.71	35.9	0.56	4.82	74.4	1.2	
1888464 (1434090)	<0.1	0.015	<0.02	0.61	31.6	0.53	4.82	73.2	1.1	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648507

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020					DATE REPORTED: Nov 10, 2020				SAMPLE TYPE: Soil
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5	
1888465 (1434091)	0.4	0.029	<0.02	0.42	34.3	0.42	4.33	62.6	1.4	
1888466 (1434092)	0.9	0.014	0.03	0.47	11.0	0.63	2.46	61.4	1.6	
1888467 (1434093)	6.3	0.011	<0.02	1.22	30.4	0.49	10.8	49.5	2.7	
1888468 (1434094)	3.2	0.152	<0.02	1.01	62.6	0.65	8.66	55.7	5.2	
1888469 (1434095)	6.8	0.113	<0.02	5.59	27.1	0.81	2.95	29.9	9.2	
1888470 (1434096)	1.4	0.040	<0.02	0.79	26.9	0.50	5.04	55.5	1.6	
1888471 (1434097)	3.3	0.024	<0.02	1.41	53.8	0.54	6.82	47.1	1.6	
1888472 (1434098)	3.4	0.061	<0.02	0.80	49.9	0.54	6.36	47.4	1.2	
1888473 (1434099)	7.6	0.039	0.03	1.33	30.4	0.42	7.20	51.3	3.4	
1888474 (1434100)	6.6	0.095	0.05	1.38	45.3	0.81	6.99	47.1	2.2	
1888475 (1434101)	3.0	0.053	0.05	2.09	33.1	1.07	5.47	41.0	0.6	

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	1434074	180	150	18.2%	1434099	95	106	10.9%								
Al	1434074	16	13	20.7%	1434099	28	33	16.4%								
As	1434074	14	11	24.0%	1434099	20	16	22.2%								
Au	1434074	11.0	13.2	18.2%	1434099	0.62	0.52	17.5%								
Ba	1434074	330	261	23.4%	1434099	52	62	17.5%								
Bi	1434074	< 1	< 1	0.0%	1434099	< 1	< 1	0.0%								
Ca	1434074	376	354	6.0%	1434099	280	347	21.4%								
Cd	1434074	41	42	2.4%	1434099	6	8	28.6%								
Ce	1434074	37	33	11.4%	1434099	205	169	19.3%								
Co	1434074	19	18	5.4%	1434099	65	63	3.1%								
Cr	1434074	< 30	< 30	0.0%	1434099	< 30	< 30	0.0%								
Cs	1434074	2.3	2.1	9.1%	1434099	1.21	1.27	4.8%								
Cu	1434074	230	275	17.8%	1434099	380	401	5.4%								
Dy	1434074	15	14	6.9%	1434099	39	38	2.6%								
Er	1434074	7.71	7.76	0.6%	1434099	21.5	20.9	2.8%								
Eu	1434074	3.2	3.2	0.0%	1434099	8.87	7.62	15.2%								
Fe	1434074	5	5	0.0%	1434099	21	18	15.4%								
Ga	1434074	7	1		1434099	2	2	0.0%								
Gd	1434074	19	16	17.1%	1434099	53	50	5.8%								
Hg	1434074	< 1	< 1	0.0%	1434099	< 1	< 1	0.0%								
In	1434074	< 0.5	< 0.5	0.0%	1434099	< 0.5	< 0.5	0.0%								
K	1434074	32.6	28.2	14.5%	1434099	30.2	28.2	6.8%								
La	1434074	34	15		1434099	103	89	14.6%								
Li	1434074	< 5	< 5	0.0%	1434099	< 5	< 5	0.0%								
Mg	1434074	4	4	0.0%	1434099	90	95	5.4%								
Mn	1434074	6620	6730	1.6%	1434099	7120	9300	26.6%								
Mo	1434074	32	31	3.2%	1434099	9	11	20.0%								
Nb	1434074	< 0.5	< 0.5	0.0%	1434099	1.3	0.9									
Nd	1434074	25	24	4.1%	1434099	170	156	8.6%								
Ni	1434074	25	22	12.8%	1434099	38	41	7.6%								
P	1434074	0.2	0.2	0.0%	1434099	1.5	1.9	23.5%								



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

Pb	1434074	357	390	8.8%	1434099	123	115	6.7%									
Pd	1434074	15	29		1434099	139	119	15.5%									
Pr	1434074	4	3	28.6%	1434099	36	32	11.8%									
Pt	1434074	< 1	< 1	0.0%	1434099	5	4	22.2%									
Rb	1434074	44	42	4.7%	1434099	43	42	2.4%									
Sb	1434074	< 1	< 1	0.0%	1434099	< 1	< 1	0.0%									
Sc	1434074	8	8	0.0%	1434099	14	16	13.3%									
Se	1434074	< 2	< 2	0.0%	1434099	< 2	< 2	0.0%									
Sm	1434074	10	10	0.0%	1434099	38	34	11.1%									
Sn	1434074	< 1	< 1	0.0%	1434099	< 1	< 1	0.0%									
Sr	1434074	1330	1280	3.8%	1434099	1340	1430	6.5%									
Ta	1434074	< 1	< 1	0.0%	1434099	< 1	< 1	0.0%									
Tb	1434074	2	2	0.0%	1434099	7	7	0.0%									
Th	1434074	36.7	33.0	10.6%	1434099	255	246	3.6%									
Ti	1434074	600	563	6.4%	1434099	597	643	7.4%									
Tl	1434074	< 0.5	< 0.5	0.0%	1434099	< 0.5	< 0.5	0.0%									
U	1434074	37	37	0.0%	1434099	117	139	17.2%									
V	1434074	2	2	0.0%	1434099	21	17	21.1%									
W	1434074	2	2	0.0%	1434099	2	2	0.0%									
Y	1434074	96	95	1.0%	1434099	201	202	0.5%									
Yb	1434074	7	7	0.0%	1434099	18	18	0.0%									
Zn	1434074	242	234	3.4%	1434099	189	183	3.2%									
Zr	1434074	10	11	9.5%	1434099	67	59	12.7%									

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2												
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD									
Ag	1434074	0.512	0.494	3.6%	1434099	0.12	0.14	15.4%									
Al	1434074	1.13	1.09	3.6%	1434099	0.92	1.04	12.2%									
As	1434074	4.0	4.4	9.5%	1434099	1.90	2.14	11.9%									
Au	1434074	0.06	0.03		1434099	< 0.01	< 0.01	0.0%									
B	1434074	< 5	< 5	0.0%	1434099	< 5	< 5	0.0%									
Ba	1434074	41	40	2.5%	1434099	27	31	13.8%									
Be	1434074	0.725	0.691	4.8%	1434099	0.55	0.61	10.3%									
Bi	1434074	0.29	0.29	0.0%	1434099	0.349	0.396	12.6%									



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

Ca	1434074	1.03	1.00	3.0%	1434099	0.31	0.35	12.1%									
Cd	1434074	0.406	0.383	5.8%	1434099	0.08	0.09	11.8%									
Ce	1434074	39.7	38.3	3.6%	1434099	25.1	28.8	13.7%									
Co	1434074	4.7	4.6	2.2%	1434099	7.0	7.9	12.1%									
Cr	1434074	46.4	44.0	5.3%	1434099	49.5	54.3	9.2%									
Cs	1434074	1.65	1.60	3.1%	1434099	1.33	1.54	14.6%									
Cu	1434074	9.3	9.2	1.1%	1434099	6.0	6.2	3.3%									
Fe	1434074	1.80	1.75	2.8%	1434099	1.77	1.87	5.5%									
Ga	1434074	5.18	5.14	0.8%	1434099	4.27	4.61	7.7%									
Ge	1434074	1.36	1.37	0.7%	1434099	1.31	1.32	0.8%									
Hf	1434074	0.104	0.123	16.7%	1434099	0.10	0.12	18.2%									
Hg	1434074	< 0.01	< 0.01	0.0%	1434099	< 0.01	< 0.01	0.0%									
In	1434074	0.021	0.020	4.9%	1434099	0.007	0.009										
K	1434074	0.132	0.125	5.4%	1434099	0.12	0.13	8.0%									
La	1434074	20.3	19.3	5.1%	1434099	10.3	11.5	11.0%									
Li	1434074	10.1	10.0	1.0%	1434099	12.8	13.5	5.3%									
Mg	1434074	0.42	0.41	2.4%	1434099	0.74	0.76	2.7%									
Mn	1434074	503	484	3.9%	1434099	377	403	6.7%									
Mo	1434074	8.24	8.03	2.6%	1434099	4.83	5.22	7.8%									
Na	1434074	0.02	0.02	0.0%	1434099	0.025	0.027	7.7%									
Nb	1434074	0.17	0.11		1434099	0.65	0.74	12.9%									
Ni	1434074	3.04	3.09	1.6%	1434099	7.0	7.3	4.2%									
P	1434074	464	483	4.0%	1434099	547	556	1.6%									
Pb	1434074	22.0	21.7	1.4%	1434099	8.6	9.7	12.0%									
Rb	1434074	8.93	8.35	6.7%	1434099	9.7	10.8	10.7%									
Re	1434074	< 0.001	< 0.001	0.0%	1434099	< 0.001	< 0.001	0.0%									
S	1434074	0.05	0.05	0.0%	1434099	< 0.01	< 0.01	0.0%									
Sb	1434074	0.560	0.533	4.9%	1434099	0.66	0.76	14.1%									
Sc	1434074	2.4	2.4	0.0%	1434099	1.7	2.0	16.2%									
Se	1434074	< 0.2	< 0.2	0.0%	1434099	< 0.2	< 0.2	0.0%									
Sn	1434074	0.63	0.66	4.7%	1434099	0.2	0.3										
Sr	1434074	51.4	50.4	2.0%	1434099	22.7	26.4	15.1%									
Ta	1434074	0.83	0.83	0.0%	1434099	0.82	0.82	0.0%									
Te	1434074	0.232	0.202	13.8%	1434099	0.20	0.22	9.5%									



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

Th	1434074	13.1	13.1	0.0%	1434099	7.6	8.1	6.4%								
Ti	1434074	0.0421	0.0371	12.6%	1434099	0.039	0.045	14.3%								
Tl	1434074	0.02	0.02	0.0%	1434099	0.03	0.04									
U	1434074	2.37	2.31	2.6%	1434099	1.33	1.55	15.3%								
V	1434074	25.9	25.8	0.4%	1434099	30.4	35.2	14.6%								
W	1434074	0.479	0.470	1.9%	1434099	0.42	0.46	9.1%								
Y	1434074	14.5	13.7	5.7%	1434099	7.20	8.42	15.6%								
Zn	1434074	55.7	54.5	2.2%	1434099	51.3	53.2	3.6%								
Zr	1434074	2.95	3.20	8.1%	1434099	3.4	4.2									



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

Parameter	CRM #1 (ref.Soil)				CRM #2 (ref.ME-1303)				CRM #3 (ref.ME-1308)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Ag	406	359	88%	80% - 120%												
Al	242	265	109%	80% - 120%												
Au					51	51	101%	80% - 120%								
Ba	1360	1395	103%	80% - 120%												
Cd	33.7	36.7	109%	80% - 120%												
Ce	257	272	106%	80% - 120%												
Cr	108	137	127%	80% - 120%												
Cs	5.04	5.48	109%	80% - 120%												
Cu	1033	1046	101%	80% - 120%												
Dy	74.3	74	100%	80% - 120%												
Er	38.9	36.4	93%	80% - 120%												
Eu	22.9	22.4	98%	80% - 120%												
Gd	83.5	83.3	100%	80% - 120%												
La	115	134	117%	80% - 120%												
Li	5.72	7.12	125%	80% - 120%												
Mg	13.9	15.5	112%	80% - 120%												
Mo	7.58	9.4	124%	80% - 120%												
Nd	222	248	112%	80% - 120%												
Ni	254	265	104%	80% - 120%												
Pb	1042	1042	100%	80% - 120%												
Pr	44.5	52.7	118%	80% - 120%												
Rb	89.8	92.5	103%	80% - 120%												
Sc	181	213	117%	80% - 120%												
Se	9.64	7.31	76%	80% - 120%												
Sm	67.0	66.9	100%	80% - 120%												
Sr	265	270	102%	80% - 120%												
Tb	12.7	12.9	101%	80% - 120%												
Th	50.6	52.7	104%	80% - 120%												
Tl	0.51	0.59	115%	80% - 120%												
U	63.1	81.1	129%	80% - 120%												
Y	430	436	101%	80% - 120%												



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

Yb	30.3	32.9	108%	80% - 120%												
Zn	1156	1237	107%	80% - 120%												
Zr	405	453	112%	80% - 120%												

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.ME-1206)				CRM #2 (ref.ME-1303)				CRM #3 (ref.ME-1308)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Ag	274	264	96%	90% - 110%	152	142	93%	90% - 110%	45.7	44.5	97%	90% - 110%				
Au	2.00	1.8	90%	90% - 110%					0.67	0.67	100%	90% - 110%				
Cu	7900	8023	102%	90% - 110%	3440	3371	98%	90% - 110%	3980	3787	95%	90% - 110%				
Pb	8010	7267	91%	90% - 110%	12200	11700	96%	90% - 110%	5410	5337	99%	90% - 110%				
Zn	23800	22090	93%	90% - 110%	9310	8774	94%	90% - 110%	4290	4106	95%	90% - 110%				



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 20T648507

PROJECT:

ATTENTION TO: Tyrell Sutherland

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag			ICP/MS
Al			ICP/MS
As			ICP/MS
Au			ICP/MS
Ba			ICP/MS
Bi			ICP-MS
Ca			ICP/MS
Cd			ICP-MS
Ce			ICP-MS
Co			ICP/MS
Cr			ICP/MS
Cs			ICP-MS
Cu			ICP/MS
Dy			ICP-MS
Er			ICP-MS
Eu			ICP-MS
Fe			ICP/MS
Ga			ICP-MS
Gd			ICP-MS
Hg			ICP/MS
In			ICP-MS
K			ICP/MS
La			ICP-MS
Li			ICP/MS
Mg			ICP/MS
Mn			ICP/MS
Mo			ICP/MS
Nb			ICP-MS
Nd			ICP-MS
Ni			ICP/MS
P			ICP/MS
Pb			ICP/MS
Pd			ICP/MS
Pr			ICP-MS
Pt			ICP/MS
Rb			ICP/MS
Sb			ICP-MS
Sc			ICP/OES
Se			ICP/MS
Sm			ICP-MS
Sn			ICP/MS
Sr			ICP-OES
Ta			ICP-MS
Tb			ICP-MS
Th			ICP-MS
Ti			ICP/MS
Tl			ICP-MS
U			ICP-MS



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 20T648507

PROJECT:

ATTENTION TO: Tyrell Sutherland

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
V			ICP/MS
W			ICP-MS
Y			ICP-MS
Yb			ICP-MS
Zn			ICP/MS
Zr			ICP-MS
Ag	MIN-200-12018		ICP-MS
Al	MIN-200-12020		ICP/OES
As	MIN-200-12018		ICP-MS
Au	MIN-200-12018		ICP-MS
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12018		ICP-MS
Be	MIN-200-12018		ICP-MS
Bi	MIN-200-12018		ICP-MS
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12018		ICP-MS
Ce	MIN-200-12018		ICP-MS
Co	MIN-200-12018		ICP-MS
Cr	MIN-200-12020		ICP/OES
Cs	MIN-200-12018		ICP-MS
Cu	MIN-200-12018		ICP-MS
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12018		ICP-MS
Ge	MIN-200-12018		ICP-MS
Hf	MIN-200-12018		ICP-MS
Hg	MIN-200-12018		ICP-MS
In	MIN-200-12018		ICP-MS
K	MIN-200-12020		ICP/OES
La	MIN-200-12018		ICP-MS
Li	MIN-200-12018		ICP-MS
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12018		ICP-MS
Na	MIN-200-12020		ICP/OES
Nb	MIN-200-12018		ICP-MS
Ni	MIN-200-12018		ICP-MS
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12018		ICP-MS
Rb	MIN-200-12018		ICP-MS
Re	MIN-200-12018		ICP-MS
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12018		ICP-MS
Sc	MIN-200-12018		ICP-MS
Se	MIN-200-12018		ICP-MS
Sn	MIN-200-12018		ICP-MS
Sr	MIN-200-12018		ICP-MS
Ta	MIN-200-12018		ICP-MS
Te	MIN-200-12018		ICP-MS
Th	MIN-200-12018		ICP-MS
Ti	MIN-200-12020		ICP/OES



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 20T648507

PROJECT:

ATTENTION TO: Tyrell Sutherland

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Tl	MIN-200-12018		ICP-MS
U	MIN-200-12018		ICP-MS
V	MIN-200-12020		ICP/OES
W	MIN-200-12018		ICP-MS
Y	MIN-200-12018		ICP-MS
Zn	MIN-200-12018		ICP-MS
Zr	MIN-200-12018		ICP-MS

CLIENT NAME: MISC AGAT CLIENT ON, ON

ATTENTION TO: Tyrell Sutherland

PROJECT:

AGAT WORK ORDER: 20T648527

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Nov 10, 2020

PAGES (INCLUDING COVER): 28

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 20T648527

PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(200-) Sample Login Weight

DATE SAMPLED: Sep 09, 2020 DATE RECEIVED: Sep 10, 2020 DATE REPORTED: Nov 10, 2020 SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01
D00070551 (1434220)		0.4189
D00070552 (1434221)		0.4618
D00070553 (1434222)		0.3993
D00070554 (1434223)		0.3449
D00070555 (1434224)		0.5828
D00070556 (1434225)		0.5286
D00070557 (1434226)		0.3799
D00070558 (1434227)		0.4564
D00070559 (1434228)		0.3116
D00070560 (1434229)		0.4526
D00070561 (1434230)		0.4894
D00070562 (1434231)		0.4121
D00070563 (1434232)		0.4301
D00070564 (1434233)		0.4884
D00070565 (1434234)		0.4389
D00070566 (1434235)		0.5594
D00070567 (1434236)		0.3934
D00070568 (1434237)		0.5067
D00070569 (1434238)		0.5461
D00070570 (1434239)		0.4952
D00070571 (1434240)		0.5577
D00070572 (1434242)		0.4433
D00070573 (1434243)		0.4127
D00070574 (1434244)		0.5071
D00070575 (1434245)		0.4476
D00070576 (1434246)		0.6555
D00070577 (1434247)		0.3863
D00070578 (1434248)		0.4257
D00070579 (1434249)		0.6449
D00070580 (1434250)		0.5755
D00070581 (1434251)		0.5013

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648527

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(200-) Sample Login Weight

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020	DATE REPORTED: Nov 10, 2020	SAMPLE TYPE: Soil
Analyte:	Sample Login Weight		
Unit:	kg		
RDL:	0.01		
Sample ID (AGAT ID)			
D00070582 (1434252)	0.4623		
D00070583 (1434253)	0.4651		
D00070601 (1434254)	0.3594		
D00070602 (1434255)	0.5304		
D00070603 (1434256)	0.3338		
D00070604 (1434257)	0.3765		
D00070605 (1434258)	0.1138		
D00070606 (1434259)	0.6191		
D00070607 (1434260)	0.5311		
D00070608 (1434261)	0.6693		
D00070609 (1434262)	0.4167		
D00070610 (1434263)	0.4691		
D00070611 (1434264)	0.5178		
D00070612 (1434265)	0.4459		
D00070613 (1434266)	0.4985		
D00070614 (1434267)	0.4837		
D00070615 (1434268)	0.4304		
D00070616 (1434270)	0.4471		
D00070617 (1434271)	0.5683		
D00070618 (1434272)	0.4133		
D00070619 (1434273)	0.5731		
D00070620 (1434274)	0.3854		
D00070621 (1434275)	0.4471		
D00070622 (1434277)	0.3492		

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648527

PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020		DATE REPORTED: Nov 10, 2020		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy
Unit:	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb
RDL:	1	1	10	0.1	10	1	10	1	5	5	30	0.5	10	1
D00070551 (1434220)	11	327	18	<0.1	6180	<1	103	17	245	33	80	13.9	106	38
D00070552 (1434221)	45	325	18	0.1	4330	6	95	7	716	22	64	33.2	137	89
D00070553 (1434222)	20	202	29	0.3	4370	<1	236	7	379	7	31	41.1	65	361
D00070554 (1434223)	14	228	28	0.3	2900	<1	200	1	1270	17	53	33.2	81	120
D00070555 (1434224)	41	54	19	2.5	5150	<1	365	8	418	14	<30	18.0	73	101
D00070556 (1434225)	6	161	66	0.2	1950	<1	267	1	1430	22	54	11.4	87	184
D00070557 (1434226)	16	192	65	0.1	3850	<1	220	2	3160	50	112	32.7	230	310
D00070558 (1434227)	104	16	<10	0.8	5020	<1	396	124	59	10	<30	4.1	178	21
D00070559 (1434228)	28	166	14	<0.1	5510	<1	375	11	392	7	126	2.0	218	132
D00070560 (1434229)	135	251	28	<0.1	2150	50	233	19	370	27	42	8.8	116	38
D00070561 (1434230)	15	292	23	<0.1	1800	2	118	6	1140	17	55	20.2	114	49
D00070562 (1434231)	12	480	35	<0.1	2520	3	18	17	416	19	89	14.2	106	38
D00070563 (1434232)	85	37	<10	3.6	3320	<1	430	27	21	24	<30	38.4	123	3
D00070564 (1434233)	85	7	<10	2.4	1290	<1	167	10	21	36	<30	21.5	109	5
D00070565 (1434234)	232	22	<10	3.1	248	<1	483	48	69	12	<30	2.5	1510	48
D00070566 (1434235)	145	17	<10	1.1	58	<1	332	69	38	7	<30	2.5	1070	24
D00070567 (1434236)	84	55	<10	0.2	84	<1	414	113	118	26	<30	5.3	897	36
D00070568 (1434237)	247	25	<10	0.5	116	<1	411	84	79	7	<30	2.4	1000	30
D00070569 (1434238)	195	12	<10	1.2	67	<1	287	123	19	7	<30	4.3	1020	18
D00070570 (1434239)	156	16	<10	0.9	193	<1	496	12	90	10	<30	5.7	92	26
D00070571 (1434240)	23	25	<10	0.2	73	<1	380	11	16	9	<30	3.6	341	10
D00070572 (1434242)	15	95	<10	<0.1	131	<1	365	6	129	7	<30	10.3	302	31
D00070573 (1434243)	36	308	22	<0.1	362	<1	162	6	1100	28	<30	12.8	238	189
D00070574 (1434244)	59	17	<10	0.2	69	<1	329	11	40	6	<30	2.6	434	67
D00070575 (1434245)	67	22	<10	<0.1	113	<1	344	21	147	22	<30	2.5	512	24
D00070576 (1434246)	36	76	<10	<0.1	80	<1	320	2	217	9	<30	7.1	457	30
D00070577 (1434247)	178	55	13	0.6	92	<1	349	10	185	18	<30	1.2	255	71
D00070578 (1434248)	138	131	<10	0.1	358	<1	529	4	90	6	<30	2.6	1720	45
D00070579 (1434249)	49	176	20	<0.1	607	<1	235	12	919	33	59	25.7	220	68
D00070580 (1434250)	239	173	23	0.2	231	<1	276	9	496	24	60	6.9	430	78
D00070581 (1434251)	90	176	36	0.3	626	3	280	58	317	85	121	8.6	869	79
D00070582 (1434252)	57	272	20	<0.1	813	3	136	56	465	83	119	6.3	184	37

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648527

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

DATE SAMPLED: Sep 09, 2020

DATE RECEIVED: Sep 10, 2020

DATE REPORTED: Nov 10, 2020

SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy
Unit:	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb
RDL:	1	1	10	0.1	10	1	10	1	5	5	30	0.5	10	1
Sample ID (AGAT ID)														
D00070583 (1434253)	72	320	66	0.3	1120	7	131	12	1410	106	182	12.0	325	52
D00070601 (1434254)	19	144	<10	<0.1	8150	<1	363	22	82	18	<30	3.5	114	11
D00070602 (1434255)	43	23	<10	1.1	4160	<1	425	11	63	17	<30	6.8	320	13
D00070603 (1434256)	18	152	<10	<0.1	4280	<1	363	43	483	13	<30	2.9	327	77
D00070604 (1434257)	142	190	11	0.1	4520	<1	333	57	1050	21	<30	19.3	1580	75
D00070605 (1434258)	83	33	<10	1.0	1280	<1	387	44	26	12	<30	1.0	1490	21
D00070606 (1434259)	79	18	<10	3.3	5360	<1	357	49	7	21	<30	3.3	1690	6
D00070607 (1434260)	63	31	<10	5.8	8570	<1	388	66	24	32	<30	1.7	448	3
D00070608 (1434261)	51	16	<10	0.8	4830	<1	341	21	13	13	<30	5.0	484	5
D00070609 (1434262)	47	140	10	0.1	1510	<1	331	67	403	18	<30	4.0	1110	78
D00070610 (1434263)	86	17	<10	1.0	9980	<1	333	100	75	24	<30	2.1	1360	12
D00070611 (1434264)	382	23	<10	1.1	2170	<1	330	98	28	8	<30	3.0	2760	34
D00070612 (1434265)	45	132	16	<0.1	387	<1	282	60	626	16	35	8.7	620	115
D00070613 (1434266)	63	23	10	0.5	257	<1	343	68	141	8	<30	3.2	773	84
D00070614 (1434267)	52	45	11	0.6	113	<1	332	31	178	<5	<30	10.8	369	52
D00070615 (1434268)	89	70	19	0.6	225	<1	267	19	322	21	<30	2.4	289	32
D00070616 (1434270)	348	18	<10	2.7	114	<1	607	10	48	8	<30	0.5	3510	77
D00070617 (1434271)	57	154	21	0.2	383	<1	262	11	347	44	62	6.7	185	30
D00070618 (1434272)	173	114	21	2.0	241	<1	361	223	418	46	<30	5.4	850	57
D00070619 (1434273)	62	207	29	0.4	473	<1	257	18	536	41	80	6.7	197	61
D00070620 (1434274)	2	120	<10	<0.1	191	<1	339	27	198	44	<30	3.1	41	51
D00070621 (1434275)	34	68	<10	0.1	202	<1	318	20	189	24	<30	1.7	261	20
D00070622 (1434277)	66	93	<10	0.5	307	<1	440	50	172	13	<30	1.0	280	74

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648527

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020		DATE REPORTED: Nov 10, 2020		SAMPLE TYPE: Soil									
Analyte:	Er	Eu	Fe	Ga	Gd	Hg	In	K	La	Li	Mg	Mn	Mo	Nb
Unit:	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb
RDL:	0.5	0.5	1	1	1	1	0.5	0.1	1	5	1	10	5	0.5
D00070551 (1434220)	22.0	9.2	69	20	38	2	<0.5	35.8	94	7	9	10400	12	<0.5
D00070552 (1434221)	47.8	27.4	46	28	114	1	<0.5	29.8	317	12	5	6040	18	<0.5
D00070553 (1434222)	228	89.9	20	13	381	2	<0.5	28.5	953	5	10	2100	9	<0.5
D00070554 (1434223)	65.8	32.4	36	17	153	<1	<0.5	12.4	921	<5	5	2610	15	<0.5
D00070555 (1434224)	60.2	35.6	11	4	141	1	<0.5	43.8	216	<5	11	5600	22	<0.5
D00070556 (1434225)	101	50.8	23	15	238	<1	<0.5	8.3	998	<5	9	2210	7	<0.5
D00070557 (1434226)	162	94.8	68	37	447	1	<0.5	30.6	2060	6	17	10500	9	<0.5
D00070558 (1434227)	12.8	5.8	4	<1	22	1	<0.5	23.7	24	<5	21	3930	5	<0.5
D00070559 (1434228)	62.7	44.7	19	4	172	<1	<0.5	5.9	307	<5	24	844	<5	<0.5
D00070560 (1434229)	18.9	8.8	46	11	44	<1	<0.5	22.8	150	<5	6	7110	19	<0.5
D00070561 (1434230)	26.2	15.1	44	28	64	1	<0.5	33.8	412	12	9	4780	10	<0.5
D00070562 (1434231)	17.4	9.7	57	27	44	<1	<0.5	8.8	169	7	3	2380	10	<0.5
D00070563 (1434232)	1.8	1.5	7	5	4	<1	<0.5	47.0	1	8	140	3220	64	<0.5
D00070564 (1434233)	2.0	2.2	3	<1	7	2	<0.5	34.0	9	<5	148	4440	<5	<0.5
D00070565 (1434234)	33.3	5.8	6	1	35	<1	<0.5	42.1	10	<5	7	14500	13	<0.5
D00070566 (1434235)	16.0	5.4	6	<1	27	<1	<0.5	34.0	12	<5	7	11400	20	<0.5
D00070567 (1434236)	21.2	9.0	12	3	40	<1	<0.5	54.8	53	<5	10	16800	77	<0.5
D00070568 (1434237)	20.9	4.9	6	1	27	<1	<0.5	21.8	8	<5	7	8610	34	<0.5
D00070569 (1434238)	12.8	2.8	6	<1	15	<1	<0.5	19.3	4	<5	5	11300	39	<0.5
D00070570 (1434239)	17.5	4.5	4	1	21	<1	<0.5	19.9	3	<5	7	9360	<5	<0.5
D00070571 (1434240)	7.0	1.4	4	<1	9	<1	<0.5	25.2	1	<5	8	6910	<5	<0.5
D00070572 (1434242)	17.4	8.0	7	2	41	<1	<0.5	39.9	80	<5	17	2280	<5	<0.5
D00070573 (1434243)	99.7	36.9	96	17	210	<1	<0.5	26.2	421	6	15	5520	9	<0.5
D00070574 (1434244)	44.8	9.4	5	<1	63	<1	<0.5	27.5	21	<5	10	9670	10	<0.5
D00070575 (1434245)	11.8	7.0	6	2	35	<1	<0.5	173	78	<5	52	10600	8	<0.5
D00070576 (1434246)	14.4	8.4	20	3	46	<1	<0.5	19.2	119	<5	49	2440	<5	<0.5
D00070577 (1434247)	37.6	18.2	12	3	91	<1	<0.5	61.4	102	<5	50	4600	6	<0.5
D00070578 (1434248)	25.9	9.2	7	2	52	<1	<0.5	13.8	109	<5	31	1060	<5	<0.5
D00070579 (1434249)	34.5	16.7	92	15	95	1	<0.5	25.5	358	6	27	6580	16	<0.5
D00070580 (1434250)	44.6	16.0	46	10	91	<1	<0.5	20.6	219	<5	14	5670	27	<0.5
D00070581 (1434251)	62.0	14.9	94	16	78	<1	<0.5	23.0	168	8	22	6330	28	<0.5
D00070582 (1434252)	19.3	8.9	179	22	43	2	<0.5	16.8	195	<5	13	5690	26	<0.5

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648527

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CANADA L4Z 1N9
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FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020							DATE REPORTED: Nov 10, 2020				SAMPLE TYPE: Soil			
Analyte:	Er	Eu	Fe	Ga	Gd	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	
Unit:	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	
RDL:	0.5	0.5	1	1	1	1	0.5	0.1	1	5	1	10	5	0.5	
D00070583 (1434253)	23.0	13.9	145	43	78	1	<0.5	34.3	595	14	14	7440	51	<0.5	
D00070601 (1434254)	6.1	4.3	14	2	13	<1	<0.5	25.7	29	<5	18	4740	8	<0.5	
D00070602 (1434255)	6.2	5.1	5	<1	16	<1	<0.5	14.3	7	<5	6	4320	<5	<0.5	
D00070603 (1434256)	35.8	24.5	13	4	91	<1	<0.5	27.5	199	<5	19	5750	<5	<0.5	
D00070604 (1434257)	36.8	21.7	14	8	90	<1	<0.5	15.7	1100	<5	10	9470	5	<0.5	
D00070605 (1434258)	11.1	5.1	10	<1	24	<1	<0.5	13.1	26	<5	21	1450	9	<0.5	
D00070606 (1434259)	3.2	1.9	6	<1	6	<1	<0.5	23.4	<1	<5	6	6620	11	<0.5	
D00070607 (1434260)	2.2	2.2	6	<1	4	<1	<0.5	19.5	<1	<5	4	6220	27	<0.5	
D00070608 (1434261)	3.5	1.7	5	<1	5	<1	<0.5	22.3	1	<5	4	6810	13	<0.5	
D00070609 (1434262)	41.1	22.1	11	5	99	<1	<0.5	47.1	193	<5	18	5810	7	<0.5	
D00070610 (1434263)	7.1	4.1	6	<1	11	<1	<0.5	28.5	5	<5	14	12800	21	<0.5	
D00070611 (1434264)	19.6	7.2	8	<1	33	<1	<0.5	28.1	6	<5	6	10800	10	<0.5	
D00070612 (1434265)	58.9	39.1	34	9	156	1	<0.5	22.6	364	<5	20	7540	14	<0.5	
D00070613 (1434266)	40.9	27.1	7	3	113	<1	<0.5	23.4	117	<5	8	8450	17	<0.5	
D00070614 (1434267)	26.1	17.3	8	2	73	<1	<0.5	22.7	123	<5	9	2700	10	<0.5	
D00070615 (1434268)	15.5	8.3	21	5	48	<1	<0.5	45.5	138	<5	26	8190	24	<0.5	
D00070616 (1434270)	49.1	13.1	8	1	85	<1	<0.5	16.3	60	9	27	4180	13	<0.5	
D00070617 (1434271)	15.8	6.5	59	12	40	<1	<0.5	36.6	135	6	22	9590	23	<0.5	
D00070618 (1434272)	38.0	13.2	27	5	69	<1	<0.5	24.7	217	<5	11	20900	59	<0.5	
D00070619 (1434273)	32.1	12.2	72	15	78	<1	<0.5	62.6	253	9	25	5230	30	<0.5	
D00070620 (1434274)	33.7	8.8	22	4	56	<1	<0.5	36.0	93	<5	24	6310	<5	<0.5	
D00070621 (1434275)	9.2	5.6	22	3	30	1	<0.5	116	92	<5	67	6270	7	<0.5	
D00070622 (1434277)	40.8	17.8	18	3	91	<1	<0.5	16.1	163	<5	25	3350	7	<0.5	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648527

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020					DATE REPORTED: Nov 10, 2020					SAMPLE TYPE: Soil				
Analyte:	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Se	Sm	Sn	Sr	
Unit:	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
RDL:	1	5	0.1	10	1	1	1	5	1	5	2	1	1	10	
D00070551 (1434220)	106	138	16.3	752	135	21	2	188	3	61	3	29	1	355	
D00070552 (1434221)	399	50	22.7	698	240	82	3	335	6	122	11	99	2	357	
D00070553 (1434222)	1210	47	1.9	344	412	242	1	189	2	110	23	300	1	599	
D00070554 (1434223)	673	44	2.1	1010	358	153	3	228	4	62	7	128	1	589	
D00070555 (1434224)	394	82	0.7	191	201	69	<1	85	2	14	6	104	<1	2720	
D00070556 (1434225)	979	61	0.6	901	348	211	1	160	1	51	8	208	<1	1560	
D00070557 (1434226)	2250	111	3.4	556	544	538	3	123	3	148	18	420	1	775	
D00070558 (1434227)	25	47	<0.1	2580	<1	5	<1	41	<1	11	<2	10	<1	2490	
D00070559 (1434228)	499	99	0.3	168	228	94	<1	60	<1	77	5	137	<1	1720	
D00070560 (1434229)	155	93	7.2	11100	142	34	1	149	2	37	<2	38	<1	662	
D00070561 (1434230)	300	48	11.7	3110	178	73	2	167	3	68	4	61	1	497	
D00070562 (1434231)	176	54	18.8	2180	232	39	3	185	2	46	3	41	1	158	
D00070563 (1434232)	3	390	<0.1	102	28	<1	<1	66	<1	31	<2	2	<1	4580	
D00070564 (1434233)	9	303	<0.1	89	6	2	<1	77	<1	7	<2	4	<1	1380	
D00070565 (1434234)	19	48	0.6	1150	132	3	<1	39	<1	7	<2	12	<1	3200	
D00070566 (1434235)	27	32	1.1	582	71	4	<1	31	<1	7	<2	13	<1	1300	
D00070567 (1434236)	84	57	3.0	1440	63	15	<1	68	<1	6	<2	25	<1	1360	
D00070568 (1434237)	21	31	0.1	1780	75	3	<1	34	<1	5	<2	11	<1	1970	
D00070569 (1434238)	11	21	0.2	12900	69	1	<1	39	4	7	<2	6	<1	1540	
D00070570 (1434239)	16	32	<0.1	680	42	2	<1	45	3	<5	<2	9	<1	2500	
D00070571 (1434240)	6	32	0.3	218	119	<1	<1	39	1	<5	<2	3	<1	1580	
D00070572 (1434242)	129	32	1.9	128	265	24	4	82	1	6	<2	33	<1	1540	
D00070573 (1434243)	665	63	7.1	629	438	131	4	104	3	55	9	173	<1	414	
D00070574 (1434244)	51	26	0.5	145	254	7	3	29	1	7	<2	27	<1	1110	
D00070575 (1434245)	106	49	4.8	69	107	20	2	86	<1	5	<2	26	<1	1070	
D00070576 (1434246)	173	49	1.5	98	262	34	2	68	<1	6	<2	39	<1	1260	
D00070577 (1434247)	214	34	2.4	150	200	36	1	19	<1	10	<2	65	<1	959	
D00070578 (1434248)	156	50	0.1	134	136	31	<1	51	<1	<5	<2	40	<1	2060	
D00070579 (1434249)	440	102	9.7	535	355	96	4	92	3	39	<2	92	<1	805	
D00070580 (1434250)	323	66	4.0	3500	179	67	<1	92	1	25	<2	79	<1	573	
D00070581 (1434251)	234	92	2.7	2220	342	48	4	84	3	41	<2	60	<1	1060	
D00070582 (1434252)	185	81	10.3	4480	118	43	1	74	2	37	<2	41	<1	492	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648527

PROJECT:

5623 McADAM ROAD
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020					DATE REPORTED: Nov 10, 2020					SAMPLE TYPE: Soil				
Analyte:	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Se	Sm	Sn	Sr	
Unit:	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
RDL:	1	5	0.1	10	1	1	1	5	1	5	2	1	1	10	
D00070583 (1434253)	445	67	11.5	2020	164	114	4	132	4	61	4	84	2	348	
D00070601 (1434254)	36	95	2.2	326	29	7	<1	51	<1	5	<2	10	<1	1590	
D00070602 (1434255)	13	38	<0.1	45	38	2	<1	23	<1	15	<2	7	<1	1720	
D00070603 (1434256)	268	88	0.6	211	129	55	<1	36	<1	13	<2	71	<1	991	
D00070604 (1434257)	426	39	0.7	1750	390	105	4	114	2	45	<2	73	<1	1230	
D00070605 (1434258)	32	37	0.2	583	107	5	<1	25	1	11	<2	13	<1	1320	
D00070606 (1434259)	2	35	<0.1	480	15	<1	<1	36	4	6	<2	2	<1	1910	
D00070607 (1434260)	2	76	<0.1	159	<1	<1	<1	20	2	<5	<2	1	<1	1590	
D00070608 (1434261)	5	24	<0.1	498	193	<1	<1	52	3	<5	<2	2	<1	2230	
D00070609 (1434262)	310	67	1.2	492	164	59	<1	52	<1	8	<2	80	<1	1120	
D00070610 (1434263)	14	27	<0.1	2090	28	2	<1	26	3	<5	<2	5	<1	7120	
D00070611 (1434264)	28	29	0.2	807	53	3	<1	39	2	10	<2	14	<1	3030	
D00070612 (1434265)	540	74	4.7	335	232	106	1	47	2	19	3	131	<1	985	
D00070613 (1434266)	278	30	0.8	308	180	44	<1	40	1	11	<2	84	<1	2200	
D00070614 (1434267)	216	44	1.2	422	240	36	1	78	<1	8	<2	55	<1	2600	
D00070615 (1434268)	192	41	3.9	505	98	39	<1	30	<1	7	<2	44	<1	1090	
D00070616 (1434270)	160	89	0.7	102	172	26	<1	10	2	7	3	50	<1	2030	
D00070617 (1434271)	169	69	13.5	721	187	37	2	91	1	27	<2	38	<1	629	
D00070618 (1434272)	259	89	0.7	1230	59	56	<1	71	2	15	2	56	<1	1400	
D00070619 (1434273)	300	70	3.9	1320	156	65	1	93	<1	35	<2	70	<1	574	
D00070620 (1434274)	149	31	1.0	515	121	30	<1	25	<1	8	<2	40	<1	863	
D00070621 (1434275)	116	59	2.8	100	60	25	<1	90	<1	5	<2	27	<1	910	
D00070622 (1434277)	284	50	0.6	267	130	54	<1	46	<1	6	<2	72	<1	1710	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648527

PROJECT:

5623 McADAM ROAD
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020						DATE REPORTED: Nov 10, 2020					SAMPLE TYPE: Soil	
Analyte: Unit: RDL:	Ta ppb 1	Tb ppb 1	Th ppb 0.5	Ti ppb 3	Tl ppb 0.5	U ppb 1	V ppb 1	W ppb 1	Y ppb 1	Yb ppb 1	Zn ppb 20	Zr ppb 5	
D00070551 (1434220)	<1	6	132	1570	0.6	91	50	3	207	19	403	74	
D00070552 (1434221)	<1	15	199	747	0.9	136	40	3	568	43	91	121	
D00070553 (1434222)	<1	55	93.9	474	<0.5	242	19	2	2270	190	<20	76	
D00070554 (1434223)	<1	19	141	2070	1.0	133	30	3	816	49	35	133	
D00070555 (1434224)	<1	17	92.6	183	<0.5	132	2	2	631	47	<20	40	
D00070556 (1434225)	<1	30	65.0	1370	0.6	125	21	2	1200	79	<20	60	
D00070557 (1434226)	<1	55	212	1990	0.6	158	74	3	1930	123	110	135	
D00070558 (1434227)	<1	3	18.5	160	<0.5	17	<1	<1	128	11	<20	<5	
D00070559 (1434228)	<1	22	25.9	178	<0.5	88	2	<1	754	41	48	39	
D00070560 (1434229)	<1	6	96.5	424	0.7	79	26	<1	177	14	848	62	
D00070561 (1434230)	<1	8	226	536	0.6	93	58	1	274	24	88	79	
D00070562 (1434231)	<1	6	182	1790	0.9	86	51	3	155	13	360	119	
D00070563 (1434232)	<1	<1	12.5	774	<0.5	14	26	<1	20	2	866	13	
D00070564 (1434233)	<1	<1	4.9	70	<0.5	25	2	<1	22	2	189	<5	
D00070565 (1434234)	<1	6	64.4	197	<0.5	127	5	<1	380	28	256	35	
D00070566 (1434235)	<1	4	83.2	185	<0.5	69	7	<1	161	13	179	33	
D00070567 (1434236)	<1	5	108	239	<0.5	181	8	<1	203	17	393	31	
D00070568 (1434237)	<1	4	50.7	215	<0.5	122	3	<1	202	17	158	29	
D00070569 (1434238)	<1	2	76.5	133	<0.5	36	7	3	119	11	221	54	
D00070570 (1434239)	<1	3	65.7	186	<0.5	15	3	<1	148	17	86	6	
D00070571 (1434240)	<1	1	56.1	184	<0.5	99	4	<1	64	7	101	54	
D00070572 (1434242)	<1	5	164	241	<0.5	199	8	<1	178	14	329	96	
D00070573 (1434243)	<1	30	425	1050	0.6	430	37	2	946	71	635	118	
D00070574 (1434244)	<1	9	131	177	<0.5	307	11	1	418	42	184	75	
D00070575 (1434245)	<1	4	75.0	222	<0.5	100	8	<1	132	9	654	34	
D00070576 (1434246)	<1	6	173	244	<0.5	135	10	1	140	11	83	100	
D00070577 (1434247)	<1	12	248	240	<0.5	213	10	<1	357	27	151	47	
D00070578 (1434248)	<1	7	52.9	243	<0.5	280	<1	<1	286	19	113	31	
D00070579 (1434249)	<1	12	363	901	0.5	177	47	2	319	28	1080	128	
D00070580 (1434250)	<1	13	327	621	<0.5	788	33	2	375	35	753	45	
D00070581 (1434251)	<1	11	372	1620	0.7	941	86	2	658	57	369	104	
D00070582 (1434252)	<1	6	304	1250	<0.5	256	49	2	170	15	2390	51	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648527

PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020						DATE REPORTED: Nov 10, 2020					SAMPLE TYPE: Soil	
Analyte:	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	Zr	
Unit:	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
RDL:	1	1	0.5	3	0.5	1	1	1	1	1	20	5	
D00070583 (1434253)	<1	10	759	3720	0.8	392	113	12	196	18	439	66	
D00070601 (1434254)	<1	2	22.6	246	<0.5	48	7	<1	59	5	309	13	
D00070602 (1434255)	<1	2	13.9	201	<0.5	23	1	<1	70	4	<20	12	
D00070603 (1434256)	<1	13	17.6	208	<0.5	120	6	<1	355	23	369	28	
D00070604 (1434257)	<1	12	83.3	211	0.6	83	13	<1	455	24	46	133	
D00070605 (1434258)	<1	3	62.7	187	<0.5	117	3	<1	102	9	202	43	
D00070606 (1434259)	<1	<1	32.5	166	<0.5	16	3	2	31	2	22	17	
D00070607 (1434260)	<1	<1	24.1	183	<0.5	110	2	<1	22	2	106	7	
D00070608 (1434261)	<1	<1	30.8	162	<0.5	17	4	1	31	3	<20	81	
D00070609 (1434262)	<1	13	69.4	187	<0.5	135	10	<1	389	27	163	46	
D00070610 (1434263)	<1	2	19.8	105	<0.5	38	8	2	60	6	<20	20	
D00070611 (1434264)	<1	5	32.5	157	<0.5	25	7	1	185	15	<20	36	
D00070612 (1434265)	<1	20	127	277	<0.5	123	28	1	562	44	142	51	
D00070613 (1434266)	<1	14	95.1	182	<0.5	100	10	1	448	31	69	43	
D00070614 (1434267)	<1	9	70.8	206	<0.5	99	7	1	276	18	<20	73	
D00070615 (1434268)	<1	6	193	286	<0.5	231	13	2	142	12	64	30	
D00070616 (1434270)	<1	11	142	252	<0.5	705	5	<1	531	42	<20	22	
D00070617 (1434271)	<1	5	524	1230	0.5	234	36	2	131	12	176	64	
D00070618 (1434272)	<1	9	98.5	281	0.5	2750	17	<1	432	32	457	32	
D00070619 (1434273)	<1	10	208	1240	<0.5	792	56	2	270	23	248	39	
D00070620 (1434274)	<1	8	36.4	278	<0.5	601	11	<1	284	27	1090	25	
D00070621 (1434275)	<1	4	85.5	239	<0.5	93	9	<1	89	6	231	20	
D00070622 (1434277)	<1	12	126	229	<0.5	264	4	<1	350	32	1100	25	

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648527

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020					DATE REPORTED: Nov 10, 2020					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	
D00070551 (1434220)	0.07	1.05	9.3	<0.01	<5	533	0.88	0.43	0.14	0.20	19.5	8.6	19.9	1.35	
D00070552 (1434221)	0.19	0.90	10.4	<0.01	<5	289	1.38	1.31	0.16	0.16	23.1	5.8	12.3	2.01	
D00070553 (1434222)	0.05	0.83	13.1	<0.01	<5	384	1.20	0.83	0.12	0.12	39.4	5.8	7.6	3.67	
D00070554 (1434223)	0.04	1.06	11.0	<0.01	<5	212	0.95	0.56	0.09	0.06	28.6	5.4	11.1	3.76	
D00070555 (1434224)	0.14	0.35	34.5	<0.01	<5	283	1.25	0.27	0.18	0.09	23.3	4.5	7.9	2.42	
D00070556 (1434225)	0.03	1.01	10.1	<0.01	<5	147	0.73	0.60	0.11	0.06	27.3	6.3	10.8	1.95	
D00070557 (1434226)	0.04	0.79	6.3	<0.01	<5	225	0.77	0.36	0.13	0.06	38.2	6.4	16.4	1.84	
D00070558 (1434227)	0.30	0.42	5.8	<0.01	<5	546	1.23	0.55	1.12	1.39	23.2	11.3	8.2	3.19	
D00070559 (1434228)	0.09	1.96	8.5	<0.01	<5	630	1.04	0.67	0.43	0.17	46.9	15.8	70.1	1.65	
D00070560 (1434229)	0.68	1.21	21.3	<0.01	<5	220	0.76	6.08	0.27	0.25	21.5	6.2	9.3	1.20	
D00070561 (1434230)	0.09	0.98	7.9	<0.01	<5	136	0.70	0.67	0.10	0.12	23.6	4.3	10.0	1.23	
D00070562 (1434231)	0.04	1.26	8.0	<0.01	<5	110	0.54	0.48	0.11	0.36	22.0	5.2	14.7	1.43	
D00070563 (1434232)	0.18	0.34	6.0	<0.01	<5	328	1.25	0.10	4.98	0.37	31.4	15.9	14.0	2.90	
D00070564 (1434233)	0.20	0.17	10.9	<0.01	<5	164	2.09	0.06	3.96	0.22	25.9	29.7	26.1	5.35	
D00070565 (1434234)	0.76	1.84	3.2	0.02	<5	85	1.61	0.56	0.86	0.49	40.5	11.1	15.7	2.54	
D00070566 (1434235)	0.62	1.55	1.6	<0.01	<5	43	1.14	0.74	0.62	0.96	33.8	11.0	12.2	1.14	
D00070567 (1434236)	0.42	1.53	2.0	<0.01	<5	56	1.56	0.33	0.80	1.10	35.3	11.1	11.6	1.16	
D00070568 (1434237)	0.74	1.43	1.9	<0.01	<5	37	1.42	0.45	0.69	0.65	40.6	8.7	11.7	2.53	
D00070569 (1434238)	0.82	1.38	1.4	<0.01	<5	21	1.09	0.34	0.83	1.25	39.7	9.4	9.7	2.21	
D00070570 (1434239)	0.29	1.11	2.1	<0.01	<5	21	1.48	0.19	1.03	0.15	42.5	7.8	6.0	4.73	
D00070571 (1434240)	0.11	1.46	1.8	<0.01	<5	25	1.82	0.32	0.78	0.15	34.3	8.1	10.2	3.19	
D00070572 (1434242)	0.07	1.54	1.7	<0.01	<5	33	1.61	0.26	0.74	0.12	35.1	8.0	8.6	3.27	
D00070573 (1434243)	0.17	1.51	4.2	<0.01	<5	77	1.25	0.55	0.53	0.10	45.9	8.7	13.6	2.44	
D00070574 (1434244)	0.16	1.75	2.4	<0.01	<5	18	1.45	0.27	0.96	0.13	63.6	7.1	6.1	4.44	
D00070575 (1434245)	0.36	1.53	4.7	<0.01	<5	39	1.51	0.47	0.80	0.22	67.4	8.9	12.5	2.17	
D00070576 (1434246)	0.19	1.94	3.2	<0.01	<5	44	1.76	0.33	0.79	0.10	49.3	11.0	15.9	3.59	
D00070577 (1434247)	0.78	1.75	8.2	<0.01	<5	47	1.91	1.05	0.69	0.33	58.9	11.7	7.6	1.12	
D00070578 (1434248)	0.22	1.24	2.8	<0.01	<5	48	1.29	0.23	0.49	0.07	24.5	9.3	41.1	2.05	
D00070579 (1434249)	0.11	0.77	2.0	<0.01	<5	23	0.33	0.17	0.24	0.08	17.8	6.9	33.0	0.66	
D00070580 (1434250)	0.80	0.90	2.6	<0.01	<5	36	0.39	0.29	0.29	0.09	21.3	7.0	42.9	0.77	
D00070581 (1434251)	0.18	0.74	4.4	<0.01	<5	52	0.36	0.30	0.28	0.18	18.1	6.7	51.9	1.34	
D00070582 (1434252)	0.47	0.76	2.5	<0.01	<5	52	0.35	0.27	0.29	0.46	17.1	6.1	50.6	0.92	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648527

PROJECT:

5623 McADAM ROAD
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020		DATE REPORTED: Nov 10, 2020		SAMPLE TYPE: Soil									
Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
D00070583 (1434253)	0.21	0.77	5.0	<0.01	<5	43	0.40	0.45	0.18	0.12	28.5	5.0	18.7	1.77
D00070601 (1434254)	0.04	0.48	7.0	<0.01	<5	305	0.46	0.30	0.18	0.10	10.3	4.1	56.3	1.00
D00070602 (1434255)	0.08	1.44	9.0	<0.01	<5	374	0.76	0.03	1.19	0.15	56.3	16.4	12.0	2.26
D00070603 (1434256)	0.06	1.94	4.0	<0.01	<5	482	0.86	0.16	0.56	0.23	66.0	17.7	17.8	1.29
D00070604 (1434257)	0.24	1.79	1.9	<0.01	<5	325	0.78	0.11	0.36	0.56	42.7	16.7	35.5	1.72
D00070605 (1434258)	0.16	2.24	3.8	<0.01	<5	306	0.69	0.11	1.18	0.58	37.7	18.0	58.1	1.12
D00070606 (1434259)	0.29	1.69	3.5	<0.01	<5	486	0.59	0.20	1.55	0.51	33.7	16.9	25.0	1.25
D00070607 (1434260)	0.15	2.29	6.3	<0.01	<5	598	0.54	0.09	2.74	1.12	21.2	21.6	19.9	1.38
D00070608 (1434261)	0.12	1.06	1.5	<0.01	<5	149	0.42	0.11	0.79	0.13	17.5	10.6	18.1	0.89
D00070609 (1434262)	0.28	1.50	2.2	<0.01	<5	122	0.48	0.13	0.42	0.30	28.0	15.9	27.6	0.70
D00070610 (1434263)	0.30	1.68	1.9	<0.01	<5	430	0.51	0.07	1.79	0.73	32.4	17.3	18.2	1.23
D00070611 (1434264)	0.67	1.69	1.3	<0.01	<5	276	0.60	0.15	0.76	0.56	31.9	15.5	23.4	1.06
D00070612 (1434265)	0.17	1.52	1.9	<0.01	<5	43	0.69	0.10	0.48	0.34	35.2	14.3	37.9	0.82
D00070613 (1434266)	0.16	1.04	2.3	<0.01	<5	40	0.69	0.13	0.40	0.58	42.6	8.7	28.1	1.02
D00070614 (1434267)	0.15	0.93	2.2	<0.01	<5	27	0.66	0.13	0.37	0.30	31.8	8.1	46.7	1.11
D00070615 (1434268)	0.19	0.92	1.6	<0.01	<5	31	0.32	0.23	0.32	0.10	22.2	7.6	46.0	0.55
D00070616 (1434270)	0.50	1.16	2.2	0.01	<5	41	0.97	0.56	0.51	0.09	29.4	7.8	42.2	0.96
D00070617 (1434271)	0.23	0.70	1.9	<0.01	<5	37	0.24	0.21	0.24	0.08	15.4	5.7	46.4	0.76
D00070618 (1434272)	0.80	1.05	6.7	<0.01	<5	68	0.99	0.48	0.64	0.92	34.4	6.1	61.4	1.97
D00070619 (1434273)	0.20	0.78	4.5	<0.01	<5	56	0.41	0.33	0.29	0.12	20.0	5.8	38.4	1.40
D00070620 (1434274)	0.16	0.92	4.0	<0.01	<5	60	0.64	0.29	0.65	0.14	26.3	7.5	63.5	1.32
D00070621 (1434275)	0.12	0.76	1.7	<0.01	<5	51	0.40	0.18	0.47	0.09	24.9	5.6	58.2	1.19
D00070622 (1434277)	0.17	1.01	2.4	<0.01	<5	65	0.58	0.26	0.42	0.16	34.3	7.8	59.2	1.11

Certified By:



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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020		DATE REPORTED: Nov 10, 2020		SAMPLE TYPE: Soil									
Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
D00070551 (1434220)	13.7	2.00	3.37	1.04	0.03	0.05	0.014	0.08	7.8	7.1	0.26	1450	3.31	<0.01
D00070552 (1434221)	22.0	2.08	2.05	1.03	0.10	0.06	0.010	0.08	8.6	3.8	0.14	739	9.12	<0.01
D00070553 (1434222)	11.4	2.26	2.54	1.09	0.08	0.10	0.013	0.08	19.1	6.4	0.26	875	5.82	<0.01
D00070554 (1434223)	13.7	2.04	3.00	1.05	0.05	0.05	0.013	0.05	14.3	7.2	0.27	433	8.18	<0.01
D00070555 (1434224)	10.4	1.66	0.66	1.07	0.06	0.04	0.005	0.06	12.5	0.8	0.05	737	12.8	<0.01
D00070556 (1434225)	19.5	1.83	3.17	1.05	0.04	0.01	0.011	0.04	12.6	7.7	0.31	493	4.97	<0.01
D00070557 (1434226)	20.6	1.89	2.50	1.07	0.06	0.03	0.011	0.07	19.0	5.9	0.25	496	3.47	<0.01
D00070558 (1434227)	16.4	1.61	0.80	1.14	0.09	0.09	0.009	0.08	11.8	1.8	0.12	1040	2.86	<0.01
D00070559 (1434228)	25.9	3.01	5.90	1.09	0.17	<0.01	0.024	0.06	17.5	20.2	1.20	737	1.95	0.01
D00070560 (1434229)	16.6	1.49	3.19	1.03	0.09	0.03	0.011	0.06	7.0	8.8	0.32	615	3.78	<0.01
D00070561 (1434230)	10.1	1.72	2.53	1.04	0.06	0.03	0.016	0.07	7.9	6.1	0.20	710	1.52	<0.01
D00070562 (1434231)	9.5	1.64	3.93	1.02	<0.02	0.02	0.019	0.04	9.7	9.4	0.30	384	1.28	<0.01
D00070563 (1434232)	28.8	2.79	0.75	1.14	0.05	0.05	0.020	0.14	13.7	1.5	0.45	1210	3.79	<0.01
D00070564 (1434233)	40.9	3.94	0.49	1.14	0.08	0.03	0.020	0.07	10.7	1.0	0.85	810	1.98	<0.01
D00070565 (1434234)	19.7	2.51	6.44	1.12	0.11	0.01	0.014	0.10	20.5	20.1	1.14	1060	3.07	<0.01
D00070566 (1434235)	16.0	2.18	6.39	1.10	0.11	0.01	0.011	0.07	16.8	16.2	1.13	1390	1.14	<0.01
D00070567 (1434236)	15.7	2.12	6.17	1.10	0.14	0.01	0.013	0.11	18.0	17.3	1.12	1020	2.61	<0.01
D00070568 (1434237)	14.9	1.82	5.13	1.10	0.11	<0.01	0.011	0.08	20.6	14.9	0.88	882	2.38	<0.01
D00070569 (1434238)	19.4	2.11	6.06	1.09	0.17	<0.01	0.010	0.06	19.6	16.1	0.99	996	1.59	<0.01
D00070570 (1434239)	5.7	1.99	4.87	1.12	0.09	<0.01	0.007	0.13	21.3	14.4	0.83	690	0.60	<0.01
D00070571 (1434240)	12.4	1.62	4.59	1.08	0.12	0.02	0.009	0.09	16.9	14.7	0.81	761	0.89	<0.01
D00070572 (1434242)	8.2	1.62	4.80	1.07	0.06	0.02	0.008	0.10	16.3	14.6	0.76	702	0.81	<0.01
D00070573 (1434243)	9.9	2.07	5.80	1.08	0.07	0.02	0.015	0.10	21.5	15.2	0.62	662	2.28	0.01
D00070574 (1434244)	6.8	1.93	5.58	1.11	0.11	<0.01	0.009	0.09	34.2	12.0	0.68	752	1.19	<0.01
D00070575 (1434245)	11.8	2.10	6.67	1.13	0.17	0.03	0.014	0.22	32.6	15.6	0.85	858	1.45	<0.01
D00070576 (1434246)	11.1	1.90	6.57	1.07	0.12	0.02	0.009	0.16	21.0	18.0	0.86	884	1.13	<0.01
D00070577 (1434247)	7.6	2.73	8.66	1.10	0.16	0.08	0.044	0.12	22.8	17.2	1.04	1240	1.56	0.01
D00070578 (1434248)	11.7	1.77	5.16	1.07	0.10	<0.01	0.007	0.12	11.3	17.5	0.85	552	3.59	0.02
D00070579 (1434249)	2.8	1.53	3.95	1.07	0.05	<0.01	0.007	0.05	8.2	9.1	0.64	445	3.10	0.01
D00070580 (1434250)	5.6	1.89	3.95	1.07	0.02	<0.01	0.008	0.09	9.4	10.4	0.68	495	6.91	0.02
D00070581 (1434251)	8.4	1.78	3.70	1.07	0.03	<0.01	0.009	0.08	8.9	10.4	0.51	296	4.93	0.02
D00070582 (1434252)	4.7	1.48	3.78	1.05	0.03	0.03	0.007	0.07	8.2	7.3	0.46	425	5.34	0.02

Certified By:



Certificate of Analysis

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PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020		DATE REPORTED: Nov 10, 2020		SAMPLE TYPE: Soil									
Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
D00070583 (1434253)	4.8	1.77	3.62	1.07	<0.02	0.01	0.011	0.07	13.9	10.7	0.31	254	1.67	<0.01
D00070601 (1434254)	10.6	1.11	1.39	1.03	0.04	0.02	0.006	0.12	4.7	2.8	0.10	419	7.39	0.01
D00070602 (1434255)	34.6	3.43	3.91	1.13	0.14	0.03	0.023	0.09	29.2	11.0	0.91	1070	3.07	0.01
D00070603 (1434256)	30.7	3.07	6.42	1.09	0.29	0.02	0.023	0.17	33.0	18.3	1.25	1150	2.05	0.02
D00070604 (1434257)	37.0	2.78	6.32	1.07	0.07	<0.01	0.009	0.13	19.5	19.0	1.14	1040	2.58	0.01
D00070605 (1434258)	25.9	3.57	8.43	1.12	0.16	<0.01	0.019	0.21	16.9	20.9	1.35	996	5.33	0.06
D00070606 (1434259)	44.0	2.94	5.60	1.12	0.10	0.02	0.009	0.13	16.5	20.8	1.27	796	3.11	0.02
D00070607 (1434260)	27.9	3.24	6.81	1.14	0.24	<0.01	0.016	0.13	10.7	23.5	1.44	1260	4.90	0.01
D00070608 (1434261)	16.1	1.67	2.99	1.10	0.34	<0.01	<0.005	0.09	8.5	16.0	0.84	537	3.93	<0.01
D00070609 (1434262)	51.8	2.60	5.67	1.08	0.13	0.01	0.006	0.11	13.4	18.0	1.10	636	2.76	0.02
D00070610 (1434263)	24.6	2.58	5.83	1.14	0.14	<0.01	0.006	0.13	16.5	19.6	1.35	721	1.75	0.02
D00070611 (1434264)	24.1	2.59	6.04	1.11	0.11	<0.01	0.009	0.13	15.5	20.6	1.33	806	1.64	0.02
D00070612 (1434265)	11.9	2.82	7.23	1.12	0.09	0.02	0.015	0.09	16.2	20.7	1.44	698	2.35	0.02
D00070613 (1434266)	8.4	1.97	5.31	1.11	0.11	<0.01	0.011	0.10	20.9	13.5	0.88	589	2.86	0.02
D00070614 (1434267)	6.8	1.62	4.77	1.10	0.18	<0.01	0.007	0.07	15.3	13.3	0.84	493	4.16	0.02
D00070615 (1434268)	2.3	1.60	4.61	1.07	0.08	0.01	0.005	0.08	10.5	8.4	0.74	573	4.43	0.02
D00070616 (1434270)	11.0	1.61	5.28	1.08	0.08	<0.01	0.011	0.09	16.2	12.4	0.72	1050	3.78	0.02
D00070617 (1434271)	1.9	1.22	3.19	1.05	0.05	<0.01	<0.005	0.10	7.4	8.2	0.50	493	4.63	0.02
D00070618 (1434272)	13.3	1.52	4.33	1.07	0.06	0.03	0.012	0.12	21.8	11.1	0.43	664	8.57	0.02
D00070619 (1434273)	4.4	1.65	4.18	1.05	0.03	<0.01	0.012	0.13	9.9	9.4	0.42	362	5.01	0.01
D00070620 (1434274)	4.7	1.68	4.44	1.07	0.09	0.03	0.012	0.12	13.7	10.4	0.55	458	6.40	0.02
D00070621 (1434275)	2.8	1.73	4.18	1.07	0.08	0.03	0.010	0.18	11.9	13.1	0.54	433	5.88	0.02
D00070622 (1434277)	4.5	1.92	4.57	1.06	0.08	<0.01	0.011	0.13	14.6	12.1	0.61	495	5.36	0.02

Certified By:



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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020							DATE REPORTED: Nov 10, 2020					SAMPLE TYPE: Soil		
Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.05	0.2	10	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
D00070551 (1434220)	0.68	12.8	901	24.2	10.7	<0.001	0.07	0.83	0.5	0.2	0.4	25.7	0.04	0.04	
D00070552 (1434221)	0.38	10.3	803	21.2	8.4	0.002	0.05	2.49	1.5	0.4	0.3	35.4	0.02	0.13	
D00070553 (1434222)	0.36	6.8	349	17.7	7.1	0.001	0.02	4.58	2.3	0.2	0.5	19.0	<0.01	0.08	
D00070554 (1434223)	0.56	7.0	263	20.5	8.3	0.004	0.03	1.48	1.3	0.2	0.4	22.5	<0.01	0.12	
D00070555 (1434224)	0.08	8.4	286	22.1	3.3	<0.001	0.02	2.17	1.3	<0.2	0.3	42.5	<0.01	0.11	
D00070556 (1434225)	0.68	7.1	153	20.1	6.9	<0.001	0.01	0.87	1.6	0.2	0.4	30.5	<0.01	0.07	
D00070557 (1434226)	0.55	11.4	293	16.4	5.6	<0.001	0.02	1.25	2.3	<0.2	0.4	17.7	<0.01	0.03	
D00070558 (1434227)	0.06	9.5	376	175	4.9	<0.001	0.04	1.20	3.0	<0.2	<0.2	133	<0.01	0.05	
D00070559 (1434228)	0.54	31.5	948	14.1	7.3	<0.001	0.04	1.12	5.3	<0.2	0.4	54.1	<0.01	0.11	
D00070560 (1434229)	0.34	6.8	753	126	9.6	<0.001	0.04	1.66	1.0	0.3	0.3	31.8	<0.01	0.18	
D00070561 (1434230)	0.38	5.7	546	57.1	5.9	<0.001	0.03	1.60	1.1	<0.2	0.6	21.3	<0.01	0.04	
D00070562 (1434231)	0.65	7.3	690	29.4	7.6	<0.001	0.03	0.52	0.3	<0.2	0.3	12.7	<0.01	0.05	
D00070563 (1434232)	<0.05	17.7	1080	17.0	7.1	<0.001	0.02	1.49	6.5	<0.2	0.3	426	<0.01	<0.01	
D00070564 (1434233)	<0.05	87.0	1850	21.8	4.1	<0.001	0.02	15.7	5.9	<0.2	<0.2	218	<0.01	<0.01	
D00070565 (1434234)	0.67	11.5	977	57.9	7.0	<0.001	0.02	1.08	2.2	<0.2	0.5	232	<0.01	0.05	
D00070566 (1434235)	0.63	9.6	915	66.1	4.0	<0.001	0.01	0.41	2.2	<0.2	0.3	155	<0.01	0.04	
D00070567 (1434236)	0.73	9.6	977	61.9	6.9	<0.001	0.04	0.64	2.3	<0.2	0.4	215	0.02	0.04	
D00070568 (1434237)	0.55	8.4	917	63.5	6.2	<0.001	<0.01	0.58	1.9	<0.2	0.3	97.9	<0.01	0.08	
D00070569 (1434238)	0.20	7.1	1010	195	4.8	<0.001	<0.01	0.46	1.6	<0.2	0.4	61.8	0.01	0.11	
D00070570 (1434239)	<0.05	4.8	1010	23.3	8.1	<0.001	<0.01	0.55	1.2	<0.2	0.3	37.5	<0.01	<0.01	
D00070571 (1434240)	0.45	6.9	811	25.1	6.3	<0.001	0.01	0.68	1.7	<0.2	0.3	62.6	<0.01	0.05	
D00070572 (1434242)	0.94	5.9	770	17.8	7.0	<0.001	0.02	0.55	1.3	<0.2	0.3	76.8	<0.01	0.04	
D00070573 (1434243)	1.70	8.0	763	19.7	12.4	<0.001	0.05	0.68	1.3	<0.2	0.5	53.9	0.03	0.10	
D00070574 (1434244)	1.18	4.5	809	13.6	7.0	<0.001	0.01	0.72	1.9	<0.2	0.5	85.2	0.01	<0.01	
D00070575 (1434245)	2.95	6.8	944	20.3	10.8	<0.001	0.03	0.84	2.6	<0.2	0.5	61.7	0.04	0.05	
D00070576 (1434246)	1.76	16.2	708	22.9	12.6	<0.001	0.03	0.48	1.9	<0.2	0.4	80.4	<0.01	0.05	
D00070577 (1434247)	1.36	5.2	785	43.5	7.9	<0.001	0.05	0.91	3.4	<0.2	0.4	47.5	0.03	0.12	
D00070578 (1434248)	1.39	8.0	718	12.1	8.7	<0.001	0.01	0.58	1.5	<0.2	0.3	41.5	<0.01	0.02	
D00070579 (1434249)	0.65	4.8	678	9.2	4.1	<0.001	<0.01	0.28	1.2	<0.2	<0.2	12.9	<0.01	0.01	
D00070580 (1434250)	0.77	5.6	706	57.7	6.0	<0.001	0.01	0.24	1.5	<0.2	0.2	25.4	<0.01	0.04	
D00070581 (1434251)	1.39	6.5	498	16.9	10.2	<0.001	<0.01	0.35	1.5	<0.2	0.4	23.9	<0.01	0.04	
D00070582 (1434252)	1.15	4.9	595	22.7	7.5	0.001	0.02	0.26	1.0	<0.2	0.3	31.1	0.02	0.03	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648527

PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
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 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020							DATE REPORTED: Nov 10, 2020				SAMPLE TYPE: Soil			
Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.05	0.2	10	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
Sample ID (AGAT ID)															
D00070583 (1434253)	1.95	4.4	357	18.0	11.7	<0.001	0.01	0.32	1.3	<0.2	0.4	15.4	<0.01	0.04	
D00070601 (1434254)	0.22	4.1	293	14.0	5.5	0.001	0.03	0.60	0.8	<0.2	<0.2	30.5	<0.01	0.02	
D00070602 (1434255)	<0.05	5.9	1260	17.2	2.6	<0.001	0.03	2.37	4.9	<0.2	<0.2	66.4	<0.01	<0.01	
D00070603 (1434256)	0.26	6.0	1060	16.2	6.6	<0.001	0.03	1.75	2.5	<0.2	<0.2	33.2	<0.01	0.02	
D00070604 (1434257)	0.24	14.3	997	25.6	6.2	<0.001	<0.01	0.70	2.5	<0.2	<0.2	22.9	<0.01	<0.01	
D00070605 (1434258)	0.37	12.4	1370	27.3	8.6	<0.001	0.01	1.19	5.1	<0.2	0.4	101	<0.01	<0.01	
D00070606 (1434259)	<0.05	9.5	1120	20.7	5.2	<0.001	0.05	1.01	2.8	<0.2	<0.2	71.5	<0.01	0.05	
D00070607 (1434260)	<0.05	16.7	1010	13.1	4.3	<0.001	0.05	0.82	5.0	<0.2	0.2	121	<0.01	0.07	
D00070608 (1434261)	0.07	5.3	851	12.6	3.4	<0.001	<0.01	0.72	1.3	<0.2	<0.2	38.0	<0.01	<0.01	
D00070609 (1434262)	0.63	8.3	998	14.3	4.9	<0.001	0.01	0.54	2.0	<0.2	<0.2	39.1	<0.01	0.01	
D00070610 (1434263)	<0.05	7.4	971	20.6	5.3	<0.001	<0.01	0.85	2.4	<0.2	<0.2	116	<0.01	<0.01	
D00070611 (1434264)	0.14	10.3	1180	20.9	6.0	<0.001	<0.01	0.55	2.6	<0.2	<0.2	69.2	<0.01	<0.01	
D00070612 (1434265)	0.43	16.3	1180	10.9	5.3	<0.001	<0.01	0.54	3.6	<0.2	0.3	34.5	<0.01	<0.01	
D00070613 (1434266)	0.31	4.9	907	17.7	6.1	<0.001	<0.01	0.49	2.1	<0.2	0.3	32.9	<0.01	<0.01	
D00070614 (1434267)	0.15	12.3	818	13.5	4.8	<0.001	<0.01	0.38	1.9	<0.2	0.3	37.1	<0.01	<0.01	
D00070615 (1434268)	1.02	5.0	649	12.4	5.2	0.001	<0.01	0.28	1.4	<0.2	0.3	33.7	<0.01	0.02	
D00070616 (1434270)	1.23	4.9	405	18.7	5.2	<0.001	0.01	0.54	1.7	<0.2	0.3	63.8	<0.01	0.07	
D00070617 (1434271)	1.04	5.1	418	10.2	8.6	0.001	0.01	0.17	1.0	<0.2	0.2	16.1	<0.01	0.07	
D00070618 (1434272)	1.17	4.6	649	33.1	11.7	0.001	0.04	0.43	0.9	<0.2	0.4	56.9	0.02	0.08	
D00070619 (1434273)	1.34	4.0	408	17.5	14.1	<0.001	0.02	0.29	1.2	<0.2	0.4	24.4	<0.01	0.05	
D00070620 (1434274)	1.03	8.3	750	15.4	9.1	<0.001	0.04	0.31	1.3	<0.2	0.3	42.9	0.01	0.04	
D00070621 (1434275)	1.31	3.6	688	6.9	13.1	<0.001	0.02	0.23	1.2	<0.2	0.3	29.3	<0.01	<0.01	
D00070622 (1434277)	1.04	4.9	580	13.3	10.2	0.001	0.02	0.47	1.7	<0.2	0.5	31.2	<0.01	0.03	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648527

PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020					DATE REPORTED: Nov 10, 2020				SAMPLE TYPE: Soil
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5	
Sample ID (AGAT ID)										
D00070551 (1434220)	0.5	0.007	0.06	1.63	29.6	0.60	4.59	42.1	0.5	
D00070552 (1434221)	2.4	<0.005	0.06	2.38	18.1	1.12	7.38	38.2	2.7	
D00070553 (1434222)	2.7	<0.005	0.06	3.47	25.6	1.38	14.3	37.4	2.0	
D00070554 (1434223)	2.3	0.009	0.13	2.30	22.4	0.61	6.06	33.5	2.0	
D00070555 (1434224)	3.4	<0.005	0.03	2.68	3.2	0.22	13.9	17.3	1.6	
D00070556 (1434225)	3.1	0.011	0.06	2.17	23.7	0.40	6.92	29.8	1.2	
D00070557 (1434226)	3.4	0.009	0.04	2.32	23.6	0.68	11.5	27.9	1.7	
D00070558 (1434227)	2.7	<0.005	0.03	1.49	7.6	0.12	14.0	35.8	2.9	
D00070559 (1434228)	2.4	0.010	0.09	1.29	64.5	0.22	14.3	49.8	6.6	
D00070560 (1434229)	1.8	<0.005	0.10	1.92	17.6	0.32	4.41	52.7	3.6	
D00070561 (1434230)	3.5	<0.005	0.03	2.60	26.8	0.70	3.93	43.2	1.7	
D00070562 (1434231)	0.5	0.007	0.07	1.22	24.6	0.41	3.95	69.1	<0.5	
D00070563 (1434232)	3.6	<0.005	0.05	2.67	23.6	0.22	15.8	90.3	4.2	
D00070564 (1434233)	1.8	<0.005	0.03	0.82	36.2	0.28	14.2	79.6	6.3	
D00070565 (1434234)	9.9	0.018	0.05	2.60	40.4	0.26	19.7	107	3.7	
D00070566 (1434235)	12.2	0.017	0.02	2.06	34.2	0.13	14.7	130	3.4	
D00070567 (1434236)	9.1	0.019	0.04	2.79	37.7	0.21	16.0	111	4.3	
D00070568 (1434237)	11.5	0.018	0.04	4.37	32.8	0.19	15.6	87.9	3.9	
D00070569 (1434238)	16.6	0.013	0.02	2.18	31.5	0.12	14.3	159	8.0	
D00070570 (1434239)	19.2	<0.005	0.05	2.43	26.5	0.32	16.5	84.8	2.1	
D00070571 (1434240)	11.1	0.016	0.04	2.26	31.0	0.17	12.9	59.3	5.1	
D00070572 (1434242)	6.3	0.021	0.05	2.58	28.7	0.15	10.3	57.8	1.9	
D00070573 (1434243)	3.7	0.026	0.10	3.78	35.6	0.72	12.1	57.3	1.6	
D00070574 (1434244)	16.2	0.035	0.06	3.84	31.5	0.19	27.8	60.4	3.4	
D00070575 (1434245)	10.8	0.053	0.08	3.38	39.2	0.48	17.9	76.0	5.2	
D00070576 (1434246)	7.5	0.024	0.12	2.48	32.5	0.32	7.68	73.3	3.9	
D00070577 (1434247)	13.3	0.027	0.09	3.85	47.0	0.30	25.2	104	4.0	
D00070578 (1434248)	5.9	0.041	0.07	1.74	28.4	0.25	6.76	57.6	2.9	
D00070579 (1434249)	6.0	0.024	<0.02	1.24	26.6	0.12	5.29	51.4	1.5	
D00070580 (1434250)	5.5	0.027	0.04	2.22	33.8	0.72	5.67	88.4	0.5	
D00070581 (1434251)	6.4	0.049	0.06	2.20	34.4	0.50	6.06	40.5	1.0	
D00070582 (1434252)	4.0	0.028	0.04	1.45	26.0	0.37	4.06	60.0	0.8	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648527

PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020					DATE REPORTED: Nov 10, 2020					SAMPLE TYPE: Soil
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr		
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
RDL:	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5		
Sample ID (AGAT ID)											
D00070583 (1434253)	7.2	0.046	0.07	2.31	32.5	2.12	4.10	31.0	<0.5		
D00070601 (1434254)	2.5	<0.005	0.03	1.50	8.4	0.10	2.15	20.0	1.5		
D00070602 (1434255)	7.9	<0.005	0.03	1.50	30.9	0.05	12.4	63.9	14.9		
D00070603 (1434256)	4.8	<0.005	0.04	1.18	33.4	0.13	9.93	75.2	14.9		
D00070604 (1434257)	4.8	0.010	0.05	1.03	41.0	0.26	7.94	74.1	3.9		
D00070605 (1434258)	5.8	0.092	0.06	1.36	86.3	0.38	10.8	80.6	7.1		
D00070606 (1434259)	4.7	0.015	0.03	0.96	43.3	0.23	8.81	73.9	6.7		
D00070607 (1434260)	6.6	0.055	<0.02	1.64	66.2	0.16	9.04	77.2	9.7		
D00070608 (1434261)	6.3	0.025	<0.02	0.97	22.9	0.14	5.01	54.2	15.1		
D00070609 (1434262)	5.1	0.025	0.03	0.98	41.8	0.25	7.24	62.7	6.6		
D00070610 (1434263)	4.8	0.021	0.03	0.95	44.3	0.28	8.07	70.6	5.5		
D00070611 (1434264)	4.7	0.020	0.04	0.64	41.2	0.19	11.1	76.4	5.1		
D00070612 (1434265)	7.1	0.024	0.03	1.29	59.7	0.18	10.9	64.7	2.6		
D00070613 (1434266)	9.4	0.014	0.04	1.63	38.5	0.23	11.9	52.4	4.3		
D00070614 (1434267)	8.7	0.023	0.02	1.50	27.9	0.13	9.22	42.8	8.3		
D00070615 (1434268)	8.0	0.038	0.03	1.52	26.0	0.16	5.95	77.3	3.0		
D00070616 (1434270)	12.7	0.030	0.06	2.91	24.8	0.27	18.7	95.1	2.3		
D00070617 (1434271)	5.7	0.035	0.06	1.26	18.8	0.21	4.37	54.0	1.8		
D00070618 (1434272)	3.3	0.018	0.12	16.7	21.8	0.77	18.9	61.6	1.5		
D00070619 (1434273)	4.1	0.042	0.07	3.00	29.1	0.43	5.02	40.3	0.9		
D00070620 (1434274)	3.7	0.025	0.08	4.69	30.6	0.28	9.59	48.1	2.8		
D00070621 (1434275)	6.7	0.028	0.10	2.15	22.1	0.15	6.35	46.6	2.3		
D00070622 (1434277)	6.9	0.025	0.08	1.90	33.2	0.31	9.34	56.6	2.2		

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	1434234	232	220	5.3%	1434259	79	78	1.3%								
Al	1434234	22	21	4.7%	1434259	18	19	5.4%								
As	1434234	< 10	< 10	0.0%	1434259	< 10	< 10	0.0%								
Au	1434234	3.1	4.6		1434259	3.3	1.7									
Ba	1434234	137	122	11.6%	1434259	7290	7460	2.3%								
Bi	1434234	< 1	< 1	0.0%	1434259	< 1	< 1	0.0%								
Ca	1434234	483	421	13.7%	1434259	357	360	0.8%								
Cd	1434234	48	44	8.7%	1434259	49	46	6.3%								
Ce	1434234	9	10	10.5%	1434259	< 5	< 5	0.0%								
Co	1434234	12	12	0.0%	1434259	21	18	15.4%								
Cr	1434234	< 30	< 30	0.0%	1434259	< 30	< 30	0.0%								
Cs	1434234	2.5	2.7	7.7%	1434259	3.3	3.3	0.0%								
Cu	1434234	1510	1360	10.5%	1434259	1690	1960	14.8%								
Dy	1434234	48	39	20.7%	1434259	6	7	15.4%								
Er	1434234	33.3	26.9	21.3%	1434259	3.2	3.6	11.8%								
Eu	1434234	5.8	4.8	18.9%	1434259	2.23	2.30	3.1%								
Fe	1434234	6	5	18.2%	1434259	6	6	0.0%								
Ga	1434234	1	1	0.0%	1434259	< 1	< 1	0.0%								
Gd	1434234	35	30	15.4%	1434259	6	7	15.4%								
Hg	1434234	< 1	< 1	0.0%	1434259	< 1	< 1	0.0%								
In	1434234	< 0.5	< 0.5	0.0%	1434259	< 0.5	< 0.5	0.0%								
K	1434234	42.1	41.0	2.6%	1434259	23.4	22.6	3.5%								
La	1434234	2	4		1434259	< 1	< 1	0.0%								
Li	1434234	< 5	< 5	0.0%	1434259	< 5	< 5	0.0%								
Mg	1434234	7	7	0.0%	1434259	6	5	18.2%								
Mn	1434234	14500	14600	0.7%	1434259	6620	5780	13.5%								
Mo	1434234	13	13	0.0%	1434259	11	11	0.0%								
Nb	1434234	< 0.5	< 0.5	0.0%	1434259	< 0.5	< 0.5	0.0%								
Nd	1434234	19	15	23.5%	1434259	1	1	0.0%								
Ni	1434234	48	40	18.2%	1434259	35	36	2.8%								
P	1434234	1.26	1.23	2.4%	1434259	< 0.1	< 0.1	0.0%								



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

Pb	1434234	1150	1090	5.4%	1434259	480	483	0.6%									
Pd	1434234	132	118	11.2%	1434259	31	8										
Pr	1434234	< 1	< 1	0.0%	1434259	< 1	< 1	0.0%									
Pt	1434234	< 1	< 1	0.0%	1434259	< 1	< 1	0.0%									
Rb	1434234	39	43	9.8%	1434259	36	34	5.7%									
Sb	1434234	< 1	< 1	0.0%	1434259	4	3	28.6%									
Sc	1434234	7	6	15.4%	1434259	6	5	18.2%									
Se	1434234	< 2	< 2	0.0%	1434259	< 2	< 2	0.0%									
Sm	1434234	12	10	18.2%	1434259	1	1	0.0%									
Sn	1434234	< 1	< 1	0.0%	1434259	< 1	< 1	0.0%									
Sr	1434234	3200	2530	23.4%	1434259	1910	1780	7.0%									
Ta	1434234	< 1	< 1	0.0%	1434259	< 1	< 1	0.0%									
Tb	1434234	6	5	18.2%	1434259	< 1	< 1	0.0%									
Th	1434234	64.4	51.2	22.8%	1434259	32.5	25.3	24.9%									
Ti	1434234	197	184	6.8%	1434259	166	155	6.9%									
Tl	1434234	< 0.5	< 0.5	0.0%	1434259	< 0.5	< 0.5	0.0%									
U	1434234	127	115	9.9%	1434259	16	16	0.0%									
V	1434234	5	6	18.2%	1434259	3	3	0.0%									
W	1434234	< 1	< 1	0.0%	1434259	1	< 1										
Y	1434234	148	111	28.6%	1434259	31	36	14.9%									
Yb	1434234	28	23	19.6%	1434259	2	2	0.0%									
Zn	1434234	312	284	9.4%	1434259	22	26	16.7%									
Zr	1434234	35	29	18.8%	1434259	17	16	6.1%									

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2												
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD									
Ag	1434234	0.76	0.74	2.7%	1434259	0.289	0.264	9.0%									
Al	1434234	1.84	1.84	0.0%	1434259	1.69	1.75	3.5%									
As	1434234	3.18	3.37	5.8%	1434259	3.45	3.24	6.3%									
Au	1434234	0.02	< 0.01		1434259	< 0.01	< 0.01	0.0%									
B	1434234	< 5	< 5	0.0%	1434259	< 5	< 5	0.0%									
Ba	1434234	85	88	3.5%	1434259	486	490	0.8%									
Be	1434234	1.61	1.62	0.6%	1434259	0.59	0.59	0.0%									
Bi	1434234	0.56	0.55	1.8%	1434259	0.20	0.20	0.0%									



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

Ca	1434234	0.86	0.86	0.0%	1434259	1.55	1.57	1.3%									
Cd	1434234	0.49	0.50	2.0%	1434259	0.51	0.50	2.0%									
Ce	1434234	40.5	44.0	8.3%	1434259	33.7	34.5	2.3%									
Co	1434234	11.1	11.7	5.3%	1434259	16.9	16.9	0.0%									
Cr	1434234	15.7	22.0		1434259	25.0	25.5	2.0%									
Cs	1434234	2.54	2.57	1.2%	1434259	1.25	1.30	3.9%									
Cu	1434234	19.7	21.0	6.4%	1434259	44.0	43.8	0.5%									
Fe	1434234	2.51	2.55	1.6%	1434259	2.94	2.99	1.7%									
Ga	1434234	6.44	6.75	4.7%	1434259	5.60	5.72	2.1%									
Ge	1434234	1.12	1.11	0.9%	1434259	1.12	1.13	0.9%									
Hf	1434234	0.11	0.12	8.7%	1434259	0.103	0.111	7.5%									
Hg	1434234	0.01	0.02		1434259	0.02	0.02	0.0%									
In	1434234	0.014	0.014	0.0%	1434259	0.0093	0.0103	10.2%									
K	1434234	0.10	0.10	0.0%	1434259	0.135	0.137	1.5%									
La	1434234	20.5	22.4	8.9%	1434259	16.5	17.4	5.3%									
Li	1434234	20.1	19.7	2.0%	1434259	20.8	21.3	2.4%									
Mg	1434234	1.14	1.14	0.0%	1434259	1.27	1.31	3.1%									
Mn	1434234	1060	1050	0.9%	1434259	796	816	2.5%									
Mo	1434234	3.07	3.26	6.0%	1434259	3.11	3.12	0.3%									
Na	1434234	< 0.01	< 0.01	0.0%	1434259	0.02	0.02	0.0%									
Nb	1434234	0.67	0.81	18.9%	1434259	< 0.05	< 0.05	0.0%									
Ni	1434234	11.5	15.4	29.0%	1434259	9.52	9.90	3.9%									
P	1434234	977	993	1.6%	1434259	1120	1130	0.9%									
Pb	1434234	57.9	58.6	1.2%	1434259	20.7	21.2	2.4%									
Rb	1434234	7.0	7.6	8.2%	1434259	5.2	4.8	8.0%									
Re	1434234	< 0.001	< 0.001	0.0%	1434259	< 0.001	< 0.001	0.0%									
S	1434234	0.02	0.02	0.0%	1434259	0.05	0.05	0.0%									
Sb	1434234	1.08	0.90	18.2%	1434259	1.01	1.00	1.0%									
Sc	1434234	2.24	2.41	7.3%	1434259	2.8	2.8	0.0%									
Se	1434234	< 0.2	< 0.2	0.0%	1434259	< 0.2	< 0.2	0.0%									
Sn	1434234	0.49	0.57	15.1%	1434259	< 0.2	< 0.2	0.0%									
Sr	1434234	232	238	2.6%	1434259	71.5	72.5	1.4%									
Ta	1434234	< 0.01	0.01		1434259	< 0.01	< 0.01	0.0%									
Te	1434234	0.053	0.059	10.7%	1434259	0.05	0.04	22.2%									



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

Th	1434234	9.91	10.6	6.7%	1434259	4.71	4.80	1.9%								
Ti	1434234	0.0179	0.0195	8.6%	1434259	0.015	0.016	6.5%								
Tl	1434234	0.05	0.05	0.0%	1434259	0.03	0.03	0.0%								
U	1434234	2.60	2.81	7.8%	1434259	0.964	0.997	3.4%								
V	1434234	40.4	43.4	7.2%	1434259	43.3	44.1	1.8%								
W	1434234	0.26	0.32		1434259	0.23	0.25	8.3%								
Y	1434234	19.7	20.8	5.4%	1434259	8.81	8.86	0.6%								
Zn	1434234	107	109	1.9%	1434259	73.9	74.3	0.5%								
Zr	1434234	3.7	4.1	10.3%	1434259	6.7	6.7	0.0%								



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-084) EDTA Cyanide Leach, ICP-MS finish

Parameter	CRM #1 (ref.SOIL)				CRM #2 (ref.ME-1303)				CRM #3 (ref.ME-1308)				CRM #4 (ref.SOIL)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag	406	356	88%	80% - 120%									406	289	71%	80% - 120%
Al	242	240	99%	80% - 120%									242	281	116%	80% - 120%
Au									51	55	108%	80% - 120%				
Ba	1360	1443	106%	80% - 120%									1360	1540	113%	80% - 120%
Cd	33.7	40.8	121%	80% - 120%												
Ce					257	272	106%	80% - 120%								
Cs	5.04	5.7	113%	80% - 120%									5.04	5.98	119%	80% - 120%
Cu	1033	982	95%	80% - 120%									1033	960	93%	80% - 120%
Dy	74.3	76	102%	80% - 120%									74.3	75.4	102%	80% - 120%
Er	38.9	39.9	103%	80% - 120%									38.9	40.3	104%	80% - 120%
Eu	22.9	24.7	108%	80% - 120%									22.9	25.4	111%	80% - 120%
Gd	83.5	91.3	109%	80% - 120%									83.5	92.1	110%	80% - 120%
La					115	116	101%	80% - 120%								
Mg	13.9	14.0	100%	80% - 120%									13.9	14.9	107%	80% - 120%
Nd	222	253	114%	80% - 120%									222	271	122%	80% - 120%
Ni					254	310	122%	80% - 120%					254	325	128%	80% - 120%
Pb	1042	837	80%	80% - 120%									1042	779	75%	80% - 120%
Pr	44.5	49.9	112%	80% - 120%									44.5	52.7	118%	80% - 120%
Rb	89.8	97	108%	80% - 120%									89.8	89.8	100%	80% - 120%
Sc	181	207	114%	80% - 120%									181	189	104%	80% - 120%
Sm	67.0	74.8	112%	80% - 120%									67.0	76.7	114%	80% - 120%
Sn					1.17	1.49	127%	80% - 120%								
Sr	265	256	97%	80% - 120%									265	212	80%	80% - 120%
Tb	12.7	12.3	97%	80% - 120%									12.7	12.6	99%	80% - 120%
Th					50.6	65	128%	80% - 120%								
U					63.1	70.8	112%	80% - 120%								
Y	430	456	106%	80% - 120%									430	383	89%	80% - 120%
Yb	30.3	31.4	104%	80% - 120%									30.3	32.2	106%	80% - 120%
Zn	1156	1112	96%	80% - 120%									1156	1271	110%	80% - 120%
Zr					405	488	120%	80% - 120%								

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

Parameter	CRM #1 (ref.ME-1303)				CRM #2 (ref.ME-1303)				CRM #3 (ref.ME-1308)				CRM #4 (ref.SOIL)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag	152	140	92%	90% - 110%	152	144	95%	90% - 110%	45.7	43.2	95%	90% - 110%				
Au	0.57	0.45	79%	90% - 110%	0.57	0.51	90%	90% - 110%	0.67	0.74	110%	90% - 110%				
Cu	3440	3495	102%	90% - 110%	3440	3463	101%	90% - 110%	3980	3993	100%	90% - 110%				
Pb	12200	11600	95%	90% - 110%	12200	11900	97%	90% - 110%	5410	5411	100%	90% - 110%				
Zn	9310	8768	94%	90% - 110%	9310	8845	95%	90% - 110%	4290	3998	93%	90% - 110%				



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 20T648527

PROJECT:

ATTENTION TO: Tyrell Sutherland

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag			ICP/MS
Al			ICP/MS
As			ICP/MS
Au			ICP/MS
Ba			ICP/MS
Bi			ICP-MS
Ca			ICP/MS
Cd			ICP-MS
Ce			ICP-MS
Co			ICP/MS
Cr			ICP/MS
Cs			ICP-MS
Cu			ICP/MS
Dy			ICP-MS
Er			ICP-MS
Eu			ICP-MS
Fe			ICP/MS
Ga			ICP-MS
Gd			ICP-MS
Hg			ICP/MS
In			ICP-MS
K			ICP/MS
La			ICP-MS
Li			ICP/MS
Mg			ICP/MS
Mn			ICP/MS
Mo			ICP/MS
Nb			ICP-MS
Nd			ICP-MS
Ni			ICP/MS
P			ICP/MS
Pb			ICP/MS
Pd			ICP/MS
Pr			ICP-MS
Pt			ICP/MS
Rb			ICP/MS
Sb			ICP-MS
Sc			ICP/OES
Se			ICP/MS
Sm			ICP-MS
Sn			ICP/MS
Sr			ICP-OES
Ta			ICP-MS
Tb			ICP-MS
Th			ICP-MS
Ti			ICP/MS
Tl			ICP-MS
U			ICP-MS



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON
 PROJECT:
 SAMPLING SITE:

AGAT WORK ORDER: 20T648527
 ATTENTION TO: Tyrell Sutherland
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
V			ICP/MS
W			ICP-MS
Y			ICP-MS
Yb			ICP-MS
Zn			ICP/MS
Zr			ICP-MS
Ag	MIN-200-12018		ICP-MS
Al	MIN-200-12020		ICP/OES
As	MIN-200-12018		ICP-MS
Au	MIN-200-12018		ICP-MS
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12018		ICP-MS
Be	MIN-200-12018		ICP-MS
Bi	MIN-200-12018		ICP-MS
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12018		ICP-MS
Ce	MIN-200-12018		ICP-MS
Co	MIN-200-12018		ICP-MS
Cr	MIN-200-12020		ICP/OES
Cs	MIN-200-12018		ICP-MS
Cu	MIN-200-12018		ICP-MS
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12018		ICP-MS
Ge	MIN-200-12018		ICP-MS
Hf	MIN-200-12018		ICP-MS
Hg	MIN-200-12018		ICP-MS
In	MIN-200-12018		ICP-MS
K	MIN-200-12020		ICP/OES
La	MIN-200-12018		ICP-MS
Li	MIN-200-12018		ICP-MS
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12018		ICP-MS
Na	MIN-200-12020		ICP/OES
Nb	MIN-200-12018		ICP-MS
Ni	MIN-200-12018		ICP-MS
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12018		ICP-MS
Rb	MIN-200-12018		ICP-MS
Re	MIN-200-12018		ICP-MS
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12018		ICP-MS
Sc	MIN-200-12018		ICP-MS
Se	MIN-200-12018		ICP-MS
Sn	MIN-200-12018		ICP-MS
Sr	MIN-200-12018		ICP-MS
Ta	MIN-200-12018		ICP-MS
Te	MIN-200-12018		ICP-MS
Th	MIN-200-12018		ICP-MS
Ti	MIN-200-12020		ICP/OES



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 20T648527

PROJECT:

ATTENTION TO: Tyrell Sutherland

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Tl	MIN-200-12018		ICP-MS
U	MIN-200-12018		ICP-MS
V	MIN-200-12020		ICP/OES
W	MIN-200-12018		ICP-MS
Y	MIN-200-12018		ICP-MS
Zn	MIN-200-12018		ICP-MS
Zr	MIN-200-12018		ICP-MS



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

Submitted By: Tyrell Sutherland
Receiving Lab: Canada-Whitehorse
Received: September 09, 2019
Report Date: November 08, 2019
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI19000536.2

CLIENT JOB INFORMATION

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

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
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
SHP01	12	Per sample shipping charges for branch shipments			VAN
BAT01	0	Batch charge of <20 samples			VAN
FA530-Ag	1	Lead collection fire assay fusion - Grav finish	30	Completed	VAN
EN002	1	Environmental disposal charge-Fire assay lead waste			VAN

ADDITIONAL COMMENTS

Version 2 : FA530-Ag included.

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

CC:



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
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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: Bailey

Report Date: November 08, 2019

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI19000536.2

Method	WGHT	AQ201	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	
1888131	Rock	0.44	7.6	4.5	26.4	47	3.2	1.4	4.3	400	2.57	14.7	27.0	11.8	10	<0.1	1.0	0.2	21	0.34	0.146
1888132	Rock	0.76	5.0	11.8	14.7	57	0.6	4.1	7.8	100	2.95	8.0	1.6	10.3	49	0.8	1.8	<0.1	11	0.28	0.079
1888133	Rock	0.56	7.4	4.6	101.4	5	4.7	2.0	3.0	10	1.80	8.0	1.2	13.5	21	0.2	1.2	<0.1	3	<0.01	0.072
1888134	Rock	1.12	136.1	124.2	4335.4	721	71.4	4.1	3.9	224	1.49	37.5	104.8	3.1	25	3.7	13.0	0.4	7	0.07	0.028
1888135	Rock	0.40	244.5	223.3	>10000	480	>100	3.9	1.6	201	0.99	23.8	720.1	1.7	14	3.2	18.3	0.2	5	0.06	0.019
1888136	Rock	0.72	1.4	6.1	52.0	59	0.3	24.8	14.4	1781	2.85	1.9	2.4	1.3	983	0.1	0.5	0.5	12	12.16	0.022
1888137	Rock	0.63	2.1	26.3	50.8	8	0.3	1.3	1.2	39	0.58	0.6	25.6	0.5	47	0.1	1.2	0.1	3	0.08	0.002
1888139	Rock	0.71	7.6	16.1	31.2	7	0.5	1.8	1.8	250	0.93	0.6	17.0	1.9	254	0.2	0.3	1.5	1	1.50	0.011
1888140	Rock	0.44	3.6	11.8	8.1	78	0.1	11.0	1.9	34	0.60	22.6	4.9	1.3	23	<0.1	0.8	<0.1	3	0.01	0.009
1888141	Rock	0.64	0.3	2.7	22.8	24	0.2	1.3	1.5	245	0.67	8.1	1.3	2.0	86	0.2	0.5	<0.1	4	1.64	0.029
1888142	Rock	0.48	6.7	4.8	19.7	9	2.3	1.2	1.1	78	0.50	0.8	41.0	2.0	10	<0.1	0.3	<0.1	8	0.09	0.013
1888143	Rock	0.68	11.8	67.3	291.7	7	4.5	1.1	3.6	88	2.12	851.8	3.9	0.4	9	<0.1	7.6	16.1	4	0.05	0.002



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: Bailey

Report Date: November 08, 2019

Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI19000536.2

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	FA530
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	20	
1888131	Rock	14	1	0.73	47	0.042	<1	1.17	0.018	0.24	0.1	<0.01	1.6	0.2	0.33	5	<0.5	<0.2	
1888132	Rock	8	2	0.38	67	0.101	2	0.94	0.022	0.29	0.7	0.05	0.9	<0.1	2.03	2	0.6	0.2	
1888133	Rock	36	<1	0.01	140	0.002	2	0.32	0.011	0.30	0.2	0.07	1.0	<0.1	1.10	<1	1.1	0.3	
1888134	Rock	8	2	0.14	63	0.014	2	0.54	0.004	0.18	0.4	2.36	1.0	<0.1	0.09	1	1.0	<0.2	
1888135	Rock	8	3	0.12	54	0.024	2	0.52	0.004	0.16	0.3	1.59	0.8	<0.1	0.07	1	1.0	<0.2	160
1888136	Rock	8	3	2.67	1839	<0.001	<1	0.60	0.020	0.16	<0.1	0.02	0.9	<0.1	0.07	2	<0.5	<0.2	
1888137	Rock	2	2	0.02	16	0.003	<1	0.13	0.002	0.03	0.2	0.16	0.2	<0.1	<0.05	<1	<0.5	<0.2	
1888139	Rock	4	1	0.13	74	<0.001	<1	0.28	0.010	0.12	<0.1	<0.01	0.4	<0.1	0.31	<1	<0.5	0.3	
1888140	Rock	10	10	<0.01	85	<0.001	<1	0.12	0.004	0.05	<0.1	0.02	0.7	<0.1	<0.05	<1	<0.5	<0.2	
1888141	Rock	7	1	0.03	125	<0.001	<1	0.26	0.014	0.18	<0.1	0.03	0.6	<0.1	0.21	<1	<0.5	<0.2	
1888142	Rock	5	2	0.11	13	<0.001	<1	0.29	0.004	0.09	<0.1	<0.01	0.5	<0.1	<0.05	1	<0.5	<0.2	
1888143	Rock	<1	2	<0.01	24	<0.001	<1	0.11	0.003	0.02	>100	*	0.2	<0.1	0.44	2	8.3	10.3	



Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
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Client: Big River Mineral Exploration
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Unit 420, 2237-2nd Avenue
Whitehorse Yukon Y1A 0K7 Canada

Project: Bailey
Report Date: November 08, 2019

Page: 1 of 1

Part: 1 of 2

QUALITY CONTROL REPORT

WHI19000536.2

Method	WGHT	AQ201	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	
Pulp Duplicates																					
1888133	Rock	0.56	7.4	4.6	101.4	5	4.7	2.0	3.0	10	1.80	8.0	1.2	13.5	21	0.2	1.2	<0.1	3	<0.01	0.072
REP 1888133	QC		7.9	4.6	101.1	5	4.9	2.0	3.1	10	1.80	8.0	1.8	13.6	21	0.2	1.2	<0.1	3	<0.01	0.074
Core Reject Duplicates																					
1888132	Rock	0.76	5.0	11.8	14.7	57	0.6	4.1	7.8	100	2.95	8.0	1.6	10.3	49	0.8	1.8	<0.1	11	0.28	0.079
DUP 1888132	QC		5.0	11.7	14.5	56	0.7	4.2	7.9	101	2.92	8.1	0.5	9.7	50	0.8	1.6	<0.1	11	0.28	0.078
Reference Materials																					
STD AGPROOF	Standard																				
STD DS11	Standard		13.5	139.0	126.7	336	1.6	73.3	12.5	1016	3.07	41.0	60.1	7.5	66	2.1	8.7	10.9	45	1.02	0.067
STD OREAS262	Standard		0.6	106.2	50.3	137	0.4	59.0	25.1	505	3.09	33.4	62.8	8.3	33	0.5	5.5	0.9	20	2.78	0.037
STD OXQ114	Standard																				
STD SP49	Standard																				
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
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
BLK	Blank		<0.1	<0.1	0.4	<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
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		0.6	5.8	28.4	33	0.5	2.2	4.6	542	1.92	0.9	<0.5	1.9	22	<0.1	0.4	<0.1	27	0.64	0.040
ROCK-WHI	Prep Blank		0.8	4.4	4.7	35	<0.1	1.2	3.7	502	1.78	0.8	<0.5	2.0	23	<0.1	<0.1	<0.1	24	0.57	0.037



QUALITY CONTROL REPORT

WHI19000536.2

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	FA530
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	20	
Pulp Duplicates																			
1888133	Rock	36	<1	0.01	140	0.002	2	0.32	0.011	0.30	0.2	0.07	1.0	<0.1	1.10	<1	1.1	0.3	
REP 1888133	QC	37	<1	0.01	126	0.002	1	0.32	0.011	0.30	0.2	0.06	1.0	<0.1	1.09	<1	0.6	0.3	
Core Reject Duplicates																			
1888132	Rock	8	2	0.38	67	0.101	2	0.94	0.022	0.29	0.7	0.05	0.9	<0.1	2.03	2	0.6	0.2	
DUP 1888132	QC	8	2	0.38	65	0.102	1	0.95	0.022	0.30	0.8	0.06	0.9	<0.1	2.01	2	<0.5	<0.2	
Reference Materials																			
STD AGPROOF	Standard																		92
STD DS11	Standard	16	58	0.82	326	0.089	7	1.13	0.071	0.38	2.9	0.22	3.2	4.4	0.26	5	1.9	4.2	
STD OREAS262	Standard	14	40	1.10	219	0.002	6	1.25	0.065	0.29	0.2	0.12	3.1	0.4	0.24	4	0.5	0.2	
STD OXQ114	Standard																		131
STD SP49	Standard																		59
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	
STD AGPROOF Expected																			94
STD SP49 Expected																			60.2
STD OXQ114 Expected																			127.1
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																		<20
Prep Wash																			
ROCK-WHI	Prep Blank	5	4	0.58	46	0.073	3	0.98	0.075	0.07	<0.1	<0.01	3.1	<0.1	<0.05	4	<0.5	<0.2	
ROCK-WHI	Prep Blank	6	2	0.50	52	0.067	2	0.87	0.076	0.07	<0.1	<0.01	2.7	<0.1	<0.05	4	<0.5	<0.2	



CLIENT NAME: MISC AGAT CLIENT ON, ON

ATTENTION TO: Tyrell Sutherland

PROJECT:

AGAT WORK ORDER: 20T648547

SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer

DATE REPORTED: Oct 27, 2020

PAGES (INCLUDING COVER): 12

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 20T648547

PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(200-) Sample Login Weight

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020	DATE REPORTED: Oct 27, 2020	SAMPLE TYPE: Rock
Analyte: Sample Login Weight	Unit: kg	RDL: 0.01	
Sample ID (AGAT ID)			
1888145 (1434324)		1.0571	
1888146 (1434325)		1.4443	
1888147 (1434326)		0.7645	
1888148 (1434327)		0.9926	
1888149 (1434328)		0.9969	
1888214 (1434329)		1.2352	
1888223 (1434330)		0.5717	
D00070651 (1434331)		1.5724	
D00070652 (1434332)		0.5951	
D00070653 (1434333)		0.6086	
D00070654 (1434334)		1.1361	
1888376 (1434335)		1.3061	
1888377 (1434336)		0.8941	
1888378 (1434337)		0.9241	

Comments: RDL - Reported Detection Limit
 Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648547

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020		DATE RECEIVED: Sep 10, 2020					DATE REPORTED: Oct 27, 2020					SAMPLE TYPE: Rock				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.01	Al % 0.01	As ppm 0.1	Au ppm 0.01	B ppm 5	Ba ppm 1	Be ppm 0.05	Bi ppm 0.01	Ca % 0.01	Cd ppm 0.01	Ce ppm 0.01	Co ppm 0.1	Cr ppm 0.5	Cs ppm 0.05	
1888145 (1434324)		0.11	0.13	2.6	<0.01	<5	145	0.21	0.15	0.60	0.06	15.1	1.1	166	0.51	
1888146 (1434325)		0.51	0.18	6.8	0.04	<5	98	0.65	0.13	3.96	0.42	5.18	7.9	107	0.68	
1888147 (1434326)		0.40	0.22	9.3	0.02	<5	217	0.32	0.46	0.54	0.58	4.13	2.2	118	0.84	
1888148 (1434327)		0.08	0.20	2.1	<0.01	<5	633	0.21	0.10	0.02	0.06	1.91	0.5	169	0.86	
1888149 (1434328)		0.11	0.21	0.9	<0.01	<5	798	0.33	0.05	0.66	4.23	17.3	0.2	120	0.56	
1888214 (1434329)		0.55	0.26	19.8	0.02	<5	30	0.31	0.82	1.75	0.47	8.99	1.9	160	0.23	
1888223 (1434330)		1.65	0.67	22.5	0.11	<5	178	0.40	0.59	0.24	0.52	35.0	2.0	119	1.95	
D00070651 (1434331)		1.84	2.02	1.7	<0.01	<5	236	0.50	0.13	0.61	0.36	12.9	14.8	50.9	0.46	
D00070652 (1434332)		0.13	1.06	3.3	<0.01	<5	398	0.37	0.13	19.6	0.58	23.2	11.3	37.8	0.68	
D00070653 (1434333)		0.39	0.16	13.2	<0.01	<5	278	0.10	0.09	0.12	0.06	6.25	0.5	175	0.38	
D00070654 (1434334)		0.07	0.35	6.1	<0.01	<5	295	0.17	0.08	0.05	0.02	13.7	0.4	114	1.68	
1888376 (1434335)		0.10	1.10	9.2	<0.01	<5	27	0.24	0.10	0.28	0.03	15.7	10.1	22.6	1.03	
1888377 (1434336)		1.47	0.30	0.7	<0.01	<5	13	0.21	1.05	0.21	0.10	6.52	0.5	183	0.56	
1888378 (1434337)		0.49	0.19	3.6	<0.01	<5	23	0.10	0.48	0.10	0.16	6.64	0.3	250	0.41	
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Cu ppm 0.1	Fe % 0.01	Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.02	Hg ppm 0.01	In ppm 0.005	K % 0.01	La ppm 0.1	Li ppm 0.1	Mg % 0.01	Mn ppm 1	Mo ppm 0.05	Na % 0.01	
1888145 (1434324)		9.5	0.40	0.47	<0.05	0.12	<0.01	<0.005	0.14	7.9	0.6	0.03	170	2.93	<0.01	
1888146 (1434325)		10.8	1.82	0.52	<0.05	0.10	0.02	0.007	0.14	2.4	1.0	1.27	607	4.52	<0.01	
1888147 (1434326)		80.6	0.56	0.55	<0.05	0.09	0.08	<0.005	0.19	2.3	0.5	0.19	207	30.9	0.02	
1888148 (1434327)		7.7	0.40	0.43	<0.05	0.05	0.02	<0.005	0.23	0.9	0.6	<0.01	42	1.00	<0.01	
1888149 (1434328)		1.2	0.20	0.51	<0.05	0.43	3.65	<0.005	0.22	9.0	0.4	<0.01	278	0.82	<0.01	
1888214 (1434329)		3.8	1.22	1.54	<0.05	0.08	0.03	0.042	0.07	4.9	3.1	0.14	564	2.50	0.02	
1888223 (1434330)		61.3	2.07	3.80	0.10	0.21	<0.01	0.022	0.35	21.4	11.8	0.33	189	6.26	0.05	
D00070651 (1434331)		261	9.66	7.68	0.15	0.05	<0.01	<0.005	0.09	6.7	23.1	1.25	1140	19.7	0.01	
D00070652 (1434332)		9.3	2.25	2.88	<0.05	0.03	0.04	0.048	0.16	10.9	13.0	0.57	2820	0.91	<0.01	
D00070653 (1434333)		12.0	0.66	0.86	<0.05	0.04	0.04	0.014	0.07	3.2	0.5	<0.01	31	2.85	<0.01	
D00070654 (1434334)		2.7	0.44	0.68	<0.05	<0.02	<0.01	<0.005	0.24	7.8	0.4	0.01	15	1.58	0.01	
1888376 (1434335)		35.0	4.34	3.48	0.06	0.20	0.02	0.009	0.17	6.4	7.8	0.31	147	1.42	0.09	
1888377 (1434336)		16.8	0.31	0.43	<0.05	0.02	<0.01	<0.005	0.08	3.1	0.9	0.01	84	32.8	<0.01	
1888378 (1434337)		4.8	0.53	0.54	<0.05	0.03	<0.01	<0.005	0.09	2.8	1.3	0.01	38	40.3	<0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648547

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020	DATE RECEIVED: Sep 10, 2020							DATE REPORTED: Oct 27, 2020					SAMPLE TYPE: Rock		
Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.05	0.2	10	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
1888145 (1434324)	<0.05	3.2	111	23.8	5.1	0.003	0.01	0.40	0.2	0.2	<0.2	25.9	<0.01	0.02	
1888146 (1434325)	<0.05	19.5	416	23.8	5.1	<0.001	0.05	1.91	1.9	0.3	<0.2	158	<0.01	0.05	
1888147 (1434326)	<0.05	6.1	141	124	7.4	0.004	0.10	3.28	0.4	0.3	<0.2	38.9	<0.01	0.08	
1888148 (1434327)	<0.05	2.1	94	14.1	8.8	<0.001	0.04	2.63	0.1	<0.2	<0.2	35.6	<0.01	<0.01	
1888149 (1434328)	<0.05	1.0	22	137	6.0	<0.001	0.02	0.73	0.4	0.2	<0.2	100	<0.01	<0.01	
1888214 (1434329)	<0.05	2.0	194	19.4	4.4	<0.001	0.24	0.20	0.7	0.2	0.5	49.9	<0.01	0.19	
1888223 (1434330)	0.22	1.2	414	44.6	23.3	<0.001	0.34	0.29	3.4	0.6	1.0	24.3	<0.01	0.03	
D00070651 (1434331)	<0.05	6.1	589	13.0	3.6	<0.001	<0.01	1.42	1.6	0.2	<0.2	46.2	<0.01	<0.01	
D00070652 (1434332)	<0.05	15.9	878	8.5	5.6	0.002	0.04	0.33	3.8	0.7	<0.2	269	<0.01	<0.01	
D00070653 (1434333)	<0.05	2.7	192	7.0	2.3	<0.001	0.08	0.42	1.1	<0.2	<0.2	98.0	<0.01	0.04	
D00070654 (1434334)	<0.05	1.5	40	8.0	6.4	<0.001	0.08	0.29	0.3	<0.2	<0.2	40.8	<0.01	<0.01	
1888376 (1434335)	<0.05	5.3	931	21.8	4.9	<0.001	2.55	0.52	1.0	0.2	0.2	40.4	<0.01	<0.01	
1888377 (1434336)	<0.05	1.4	39	32.2	4.6	<0.001	0.02	0.24	0.2	<0.2	<0.2	9.3	<0.01	<0.01	
1888378 (1434337)	<0.05	2.0	74	29.7	4.2	<0.001	0.05	0.14	0.2	<0.2	<0.2	19.8	<0.01	<0.01	
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr						
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm						
RDL:	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5						
1888145 (1434324)	5.7	<0.005	0.05	1.06	1.8	0.18	6.29	7.8	2.3						
1888146 (1434325)	1.0	<0.005	0.06	0.43	14.0	0.12	5.46	45.9	3.4						
1888147 (1434326)	4.2	<0.005	0.08	2.23	2.8	0.06	3.85	32.7	1.7						
1888148 (1434327)	1.1	<0.005	0.08	0.96	1.6	0.07	0.96	6.8	1.2						
1888149 (1434328)	11.2	<0.005	0.07	2.11	<0.5	0.05	7.97	239	13.0						
1888214 (1434329)	4.5	<0.005	0.06	1.35	7.9	0.19	4.57	55.4	3.0						
1888223 (1434330)	16.9	0.095	0.26	4.84	22.2	0.34	18.6	66.8	5.2						
D00070651 (1434331)	2.5	0.011	0.04	1.08	83.1	1.33	8.26	113	2.1						
D00070652 (1434332)	1.1	<0.005	0.07	0.80	30.0	0.38	13.9	61.1	0.9						
D00070653 (1434333)	1.7	<0.005	0.13	0.52	6.5	0.15	0.81	8.7	1.5						
D00070654 (1434334)	2.6	<0.005	0.08	0.59	1.9	<0.05	1.57	3.3	0.5						
1888376 (1434335)	4.3	0.037	0.09	1.38	18.2	0.16	6.80	36.0	8.5						
1888377 (1434336)	0.8	<0.005	0.08	1.57	1.6	<0.05	2.75	4.4	0.8						
1888378 (1434337)	2.0	<0.005	0.09	2.00	1.5	<0.05	6.80	13.3	0.8						

Certified By:



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 20T648547

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 09, 2020

DATE RECEIVED: Sep 10, 2020

DATE REPORTED: Oct 27, 2020

SAMPLE TYPE: Rock

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648547

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

Sieving - % Passing (Crushing)

DATE SAMPLED: Sep 09, 2020

DATE RECEIVED: Sep 10, 2020

DATE REPORTED: Oct 27, 2020

SAMPLE TYPE: Rock

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
1888145 (1434324)		84.49

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T648547

PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Sep 09, 2020

DATE RECEIVED: Sep 10, 2020

DATE REPORTED: Oct 27, 2020

SAMPLE TYPE: Rock

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL: 0.01
1888145 (1434324)	89.95

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	1434324	0.108	0.127	16.2%	1434337	0.489	0.424	14.2%								
Al	1434324	0.135	0.148	9.2%	1434337	0.190	0.174	8.8%								
As	1434324	2.6	3.0	14.3%	1434337	3.6	3.0	18.2%								
Au	1434324	< 0.01	< 0.01	0.0%	1434337	< 0.01	< 0.01	0.0%								
B	1434324	< 5	< 5	0.0%	1434337	< 5	< 5	0.0%								
Ba	1434324	145	156	7.3%	1434337	23	22	4.4%								
Be	1434324	0.213	0.256	18.3%	1434337	0.10	0.09	10.5%								
Bi	1434324	0.149	0.178	17.7%	1434337	0.48	0.42	13.3%								
Ca	1434324	0.60	0.66	9.5%	1434337	0.098	0.091	7.4%								
Cd	1434324	0.059	0.076	25.2%	1434337	0.156	0.133	15.9%								
Ce	1434324	15.1	16.4	8.3%	1434337	6.64	5.77	14.0%								
Co	1434324	1.07	1.25	15.5%	1434337	0.3	0.3	0.0%								
Cr	1434324	166	161	3.1%	1434337	250	220	12.8%								
Cs	1434324	0.511	0.539	5.3%	1434337	0.41	0.36	13.0%								
Cu	1434324	9.5	9.7	2.1%	1434337	4.8	4.2	13.3%								
Fe	1434324	0.404	0.448	10.3%	1434337	0.53	0.49	7.8%								
Ga	1434324	0.47	0.52	10.1%	1434337	0.54	0.48	11.8%								
Ge	1434324	< 0.05	< 0.05	0.0%	1434337	< 0.05	< 0.05	0.0%								
Hf	1434324	0.12	0.14	15.4%	1434337	0.027	0.023	16.0%								
Hg	1434324	< 0.01	< 0.01	0.0%	1434337	< 0.01	< 0.01	0.0%								
In	1434324	< 0.005	< 0.005	0.0%	1434337	< 0.005	< 0.005	0.0%								
K	1434324	0.14	0.15	6.9%	1434337	0.086	0.081	6.0%								
La	1434324	7.9	8.1	2.5%	1434337	2.80	2.44	13.7%								
Li	1434324	0.60	0.68	12.5%	1434337	1.28	1.20	6.5%								
Mg	1434324	0.03	0.03	0.0%	1434337	0.01	0.01	0.0%								
Mn	1434324	170	193	12.7%	1434337	38	34	11.1%								
Mo	1434324	2.93	3.27	11.0%	1434337	40.3	35.0	14.1%								
Na	1434324	< 0.01	< 0.01	0.0%	1434337	< 0.01	< 0.01	0.0%								
Nb	1434324	< 0.05	< 0.05	0.0%	1434337	< 0.05	< 0.05	0.0%								
Ni	1434324	3.2	2.7	16.9%	1434337	2.0	1.8	10.5%								
P	1434324	111	127	13.4%	1434337	74	69	7.0%								



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

Pb	1434324	23.8	28.7	18.7%	1434337	29.7	26.2	12.5%												
Rb	1434324	5.1	5.6	9.3%	1434337	4.19	3.91	6.9%												
Re	1434324	0.003	< 0.001		1434337	< 0.001	< 0.001	0.0%												
S	1434324	0.01	0.01	0.0%	1434337	0.05	0.05	0.0%												
Sb	1434324	0.40	0.35	13.3%	1434337	0.14	0.08													
Sc	1434324	0.2	0.2	0.0%	1434337	0.15	0.14	6.9%												
Se	1434324	0.2	0.2	0.0%	1434337	< 0.2	< 0.2	0.0%												
Sn	1434324	< 0.2	< 0.2	0.0%	1434337	< 0.2	< 0.2	0.0%												
Sr	1434324	25.9	28.4	9.2%	1434337	19.8	18.4	7.3%												
Ta	1434324	< 0.01	< 0.01	0.0%	1434337	< 0.01	< 0.01	0.0%												
Te	1434324	0.02	< 0.01		1434337	< 0.01	< 0.01	0.0%												
Th	1434324	5.71	6.87	18.4%	1434337	2.0	1.8	10.5%												
Ti	1434324	< 0.005	< 0.005	0.0%	1434337	< 0.005	< 0.005	0.0%												
Tl	1434324	0.05	0.05	0.0%	1434337	0.086	0.077	11.0%												
U	1434324	1.06	1.19	11.6%	1434337	2.00	1.78	11.6%												
V	1434324	1.79	1.86	3.8%	1434337	1.46	1.38	5.6%												
W	1434324	0.18	0.12		1434337	< 0.05	< 0.05	0.0%												
Y	1434324	6.29	7.21	13.6%	1434337	6.80	5.90	14.2%												
Zn	1434324	7.79	8.97	14.1%	1434337	13.3	12.6	5.4%												
Zr	1434324	2.3	2.7	16.0%	1434337	0.8	0.7	13.3%												



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Tyrell Sutherland

(201-174) Aqua Regia Digest (30g) - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.ME-1308)														
	Expect	Actual	Recovery	Limits											
Ag	45.7	46.6	102%	90% - 110%											
Au	0.67	0.63	94%	90% - 110%											
Cu	3980	3826	96%	90% - 110%											
Pb	5410	5590	103%	90% - 110%											
Zn	4290	4102	96%	90% - 110%											



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON
 PROJECT:
 SAMPLING SITE:

AGAT WORK ORDER: 20T648547
 ATTENTION TO: Tyrell Sutherland
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12018		ICP-MS
Al	MIN-200-12020		ICP/OES
As	MIN-200-12018		ICP-MS
Au	MIN-200-12018		ICP-MS
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12018		ICP-MS
Be	MIN-200-12018		ICP-MS
Bi	MIN-200-12018		ICP-MS
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12018		ICP-MS
Ce	MIN-200-12018		ICP-MS
Co	MIN-200-12018		ICP-MS
Cr	MIN-200-12020		ICP/OES
Cs	MIN-200-12018		ICP-MS
Cu	MIN-200-12018		ICP-MS
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12018		ICP-MS
Ge	MIN-200-12018		ICP-MS
Hf	MIN-200-12018		ICP-MS
Hg	MIN-200-12018		ICP-MS
In	MIN-200-12018		ICP-MS
K	MIN-200-12020		ICP/OES
La	MIN-200-12018		ICP-MS
Li	MIN-200-12018		ICP-MS
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12018		ICP-MS
Na	MIN-200-12020		ICP/OES
Nb	MIN-200-12018		ICP-MS
Ni	MIN-200-12018		ICP-MS
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12018		ICP-MS
Rb	MIN-200-12018		ICP-MS
Re	MIN-200-12018		ICP-MS
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12018		ICP-MS
Sc	MIN-200-12018		ICP-MS
Se	MIN-200-12018		ICP-MS
Sn	MIN-200-12018		ICP-MS
Sr	MIN-200-12018		ICP-MS
Ta	MIN-200-12018		ICP-MS
Te	MIN-200-12018		ICP-MS
Th	MIN-200-12018		ICP-MS
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12018		ICP-MS
U	MIN-200-12018		ICP-MS
V	MIN-200-12020		ICP/OES
W	MIN-200-12018		ICP-MS



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 20T648547

PROJECT:

ATTENTION TO: Tyrell Sutherland

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12018		ICP-MS
Zn	MIN-200-12018		ICP-MS
Zr	MIN-200-12018		ICP-MS
Pass %			BALANCE