

NATIONAL INSTRUMENT 43-101
TECHNICAL REPORT
2020 UPDATE
ON THE
CARIBOU PROPERTY, OMINICA MINING DIVISION
BRITISH COLUMBIA

Latitude 54°43'15" North by 127°44'08" West

NTS Sheet: 093L12

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1 SUMMARY

Lorie Farrell (the “author”), a consulting geologist was retained by Norseman Capital Ltd. (“Norseman”) to author this independent technical report on the Caribou Property (the “Property”) in compliance with National Instrument 43-101: Standards of Disclosure for Mineral Projects. This report summarizes the exploration history of the Property and suggests plans for future work.

The Property consists of 2 mineral titles totalling approximately 1,700 ha in the Omineca Mining Division of central British Columbia, 36km west of the town of Smithers. The mineral titles are registered in the name of Samuel Anthony Kyler Hardy who holds the mineral claims in trust for the sole benefit of numbered company 1250263 B.C. Ltd., (the “Optionor”), which is a wholly-owned subsidiary of Cloudbreak Discovery Corp., (“Cloudbreak”). Cloudbreak, the Optionor and Norseman have completed an option agreement.

The property has a history of work dating back to 1967. Work includes: trenching, rock sampling programs, soil geochemistry surveys, Induced Polarization geophysics surveys, mapping and drilling. Significant copper and silver mineralization has been found in bedrock on the property including a trench which yielded 4.93 % copper and 242.5 g/t silver in a 7.6 meter trench in the A zone (Dome-Babine Mines, 1968 pg. 16) and drill intercepts that include 3 meters of 3.68% copper and 312.5 g/t silver with 20% core recovery (Irving, 1968). Trenching of 7.40 % copper and 362.8 g/t silver over 3m of chip samples were taken in 1987 (Howard, 1987).

Thirteen days were spent on the property by the author during a soil sampling and prospecting program in October 2017. Weather and snow limited some of the areas visited but the NH showing was located with bedrock and float sampled, some historic drill sites and drill core were located, the 2011 soil sampling grid was partially infilled and wide spaced soil samples were taken in the western parts of the claim concurrent with prospecting.

The Author believes that the property demonstrates potential for further copper, silver and molybdenum mineralization and that further work should be undertaken on the property. A phased approach to further exploration is described in Section 26 and includes completion of geochemical surveys, geology, geophysics followed by drilling pending the results of earlier phases.

2 INTRODUCTION AND TERMS OF REFERENCE

2.1 Purpose of Report

This independent Technical Report on the Property was prepared by the author at the request of Norseman, after optioning the property from the Optionor. Norseman, with offices at 25th Floor, 700 West Georgia St. Vancouver, BC V7Y 1B3 and Cloudbreak with an office at 1153 W. 22nd Street, North Vancouver BC V7P 2E9 and the Optionor are all companies existing under the laws of British Columbia. The Optionor is a wholly-owned subsidiary of Cloudbreak.

The Caribou property is located in the Omineca Mining Division, west of Smithers, BC. This report has been prepared in compliance with National Instrument 43-101: Standards of Disclosure for Mineral Projects, Form 43-101F1 and Companion Policy 43-101CP.

Lorie Farrell P. Geo. is the author of this report and the qualified person "QP" as defined in NI 43-101. The author is independent of both the purchaser and Cloudbreak, has no interest in the Caribou property and visited the property over a 13 day program that occurred between the dates of October 2nd to October 20th 2017. During this program, the author was acting as an independent consultant to the company to complete the work program, appraise the Property on its potential, and provide an opinion on future exploration plans and costs of such programs. No further exploration work has occurred on the program since the last site visit. The scope of the program and visit consisted of: verification of exposed surface geology and sampling of mineralization, verification of helicopter access within the property, verification of and select infilling of the 2011 soil sampling grid, prospecting and reconnaissance soil sampling in select areas over the western portions of the claims; and location of historic drill sites and drill core. Variable adverse weather, frozen ground and deep snow prevented safe detailed analysis of bedrock at the NH showing and completion of planned soil grids.

In preparing this report, the author relied on maps, and reports which are listed in the reference section of this report as well as internal company files and discussions with the property vendor in 2017 and 2020.

2.2 Abbreviations and Units of Measurement

Metric units are used through this report and dollar amounts are in Canadian Dollars (CAD\$).

Coordinates within this report use UTM NAD 83 Zone 9 unless otherwise stated. The following is a list of abbreviations which may be used in this report:

Table 1. Abbreviations and Units of Measurement

Abbreviation	Description	Abbreviation	Description
%	percent	li	limonite
Ag	silver	m	meter
AMSL	above mean sea level	m ²	square meter
As	arsenic	m ³	cubic meter
Au	gold	Ma	million years ago
Az	azimuth	mg	magnetite
b.y.	billion years	mm	millimeter
CAD\$	Canadian dollar	mm ²	square millimeter
chl	chlorite	mm ³	cubic millimeter
cm	centimeter	mn	pyrolusite
cm ²	square centimeter	Mo	Molybdenum
cm ³	cubic centimeter	Moz	million troy ounces

cc	calcite
cp	chalcopyrite
Cu	copper
cy	clay
°C	degree Celsius
°F	degree Fahrenheit
DDH	diamond drill hole
ep	epidote
ft	feet
g	gram
g/t	gram per tonne
gal	galena
go	goethite
GPS	Global Positioning System
gpt	grams per tonne
ha	hectare
hg	mercury
hm	hematite
ICP	Induced coupled plasma
kspar	potassic feldspar
kg	kilogram
km	kilometer
km ²	square kilometer
l	liter

MS	Mass spectrometry
Mt	million tonnes
m.y.	million years
NAD	North American Datum
NI 43-101	National Instrument 43-101
opt	ounces per short ton
oz	troy ounce (31.1035 grams)
Pb	lead
ppb	parts per billion
ppm	parts per million
py	pyrite
QA	Quality Assurance
QC	Quality Control
qtz	quartz
ser	sericite
sb	antimony
SG	specific gravity
sph	sphalerite
st	short ton (2,000 pounds)
Ton	short ton (2,000 pounds)
t	tonne (1,000 kg or 2,204.6 lbs)
Zn	zinc
US\$	United States dollar

3 RELIANCE ON OTHER EXPERTS

The author has reviewed the tenure documents online on the public website Minerals Titles Online that is maintained by the Province of British Columbia, has relied on discussions with Kyler Hardy and reviewed the option agreement provided by Norseman as to the status of the legal agreements pertaining to the property. The author is unaware of any other technical data other than that presented by Kyler and that which is available to the public in the Minfile database.

The author had no involvement with the Caribou property prior to 2017 and is responsible for all items in this report.

4 Property Description and Location

4.1 Location

Caribou property consists of two mineral claims covering a surface area of approximately 1,700 hectares and is located on the southeastern slope of Caribou Mountain 36km of Smithers, BC, 10km southwest of McDonell Lake to the west of Serb Creek within the Omineca Mining Division, province of British Columbia; NTS map sheet 093L12. The central coordinates are UTM NAD 83 Zone 9 581415E and 6064316N.



Figure 1. Caribou Project Regional Location in British Columbia Canada

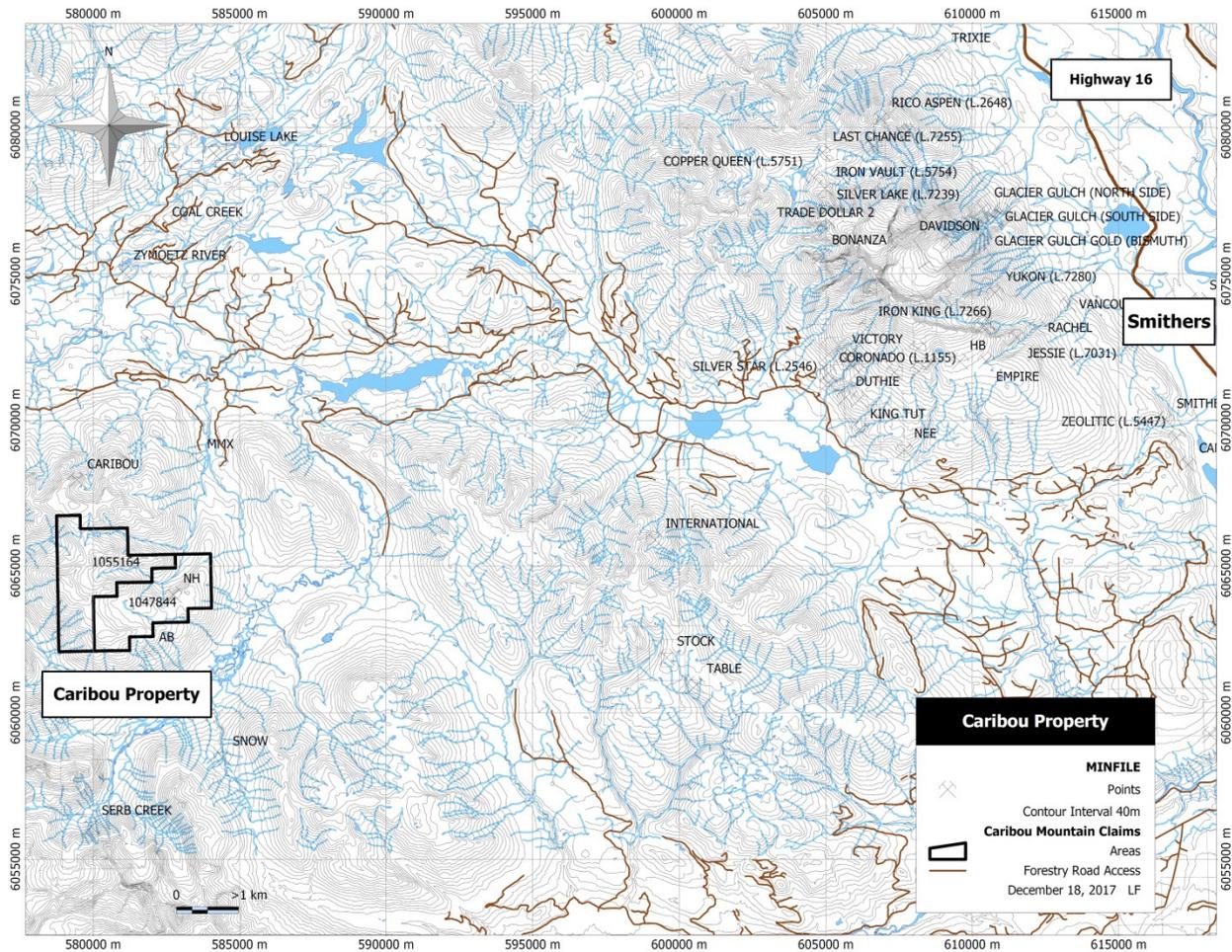


Figure 2. Caribou Property Location with MINFILE and District Location Map

4.2 Ownership

Kyler Hardy staked title #1047844 in November 2016 and title #1055164 in September 2017 and held the claims in trust for Ridge Resources. Ridge Royalty Corp is 65% owned by Ridge Resources and merged with the Optionor which then formed Cloudbreak by way of a three cornered amalgamation. Norseman's interest in the Caribou claims is subject to an Option Agreement on the 2nd day of June, 2020 (the "Effective Date") between the Optionor, Cloudbreak and Norseman. The following considerations for purchase and sale of the Caribou claims shall be completed by Norseman: cash payment to the Optionor of \$10,000 on signing the agreement, \$20,000 on the first anniversary and \$50,000 on the second anniversary of the effective date. Norseman shall issue the following common shares to the Optionor: 1,000,000 Shares within 5 business days of receipt of TSXV approval, 750,000 shares on or before the first anniversary of the effective Date and 1,000,000 shares on or before the second anniversary of the effective date. Norseman shall make exploration expenditures on the property of \$75,000 on or before the second anniversary of the effective date and \$150,000 on or before the third anniversary of the effective date. Norseman shall also grant the Optionor a 2.0% Net

Smelter Returns royalty (“NSR”) on the property. Norseman shall have the right to repurchase one-half of the NSR by paying \$1,000,000 to the Optionor at any time before commencement of commercial production on the property. If Norseman exercises the right to repurchase one-half of the NSR then the aggregate maximum amount payable under the remaining half of the NSR shall be \$5,000,000. Once Norseman has satisfied the above cash payments, issuance of common shares and exploration expenditures, Norseman will have exercised the option without further action by the parties and will have acquired an undivided 100% right, title and interest in and to the Mineral Claims and Miscellaneous Interests.

There are no further underlying royalty agreements that the author is aware of. Details on claim ownership and status were verified using the Mineral Titles Online Services of the Government of British Columbia. The identifying names and tenure numbers of mineral claims that were in good standing at the Caribou property as of June 21, 2020 are listed in Table 2. The available time to register work on Mineral Claims in BC has been extended until December 31, 2021 by the Chief Gold Commissioner due to COVID-19. Enough work or payment in lieu of work must be registered on or before December 31, 2021 to bring the good to/expiration date of the claim into good standing. The rights of a registered owner of a mineral claim are subject to the Mineral Tenure Act of the Province of British Columbia.

Table 2. Caribou Project Tenure Data

Tenure Number	Type	Claim Name	Owner	Good Until Date	Area (ha)	Protection Event 13180-20-411 CGC Order re: COVID-19
1047844	Mineral	CARIBOU	204468	2020/NOV/30	784.7115	5792114 Protection Extended to 2021/DEC/31
1055164	Mineral	CARIBOU 2	204468	2020/NOV/30	915.3106	5796726 Protection Extended to 2021/DEC/31

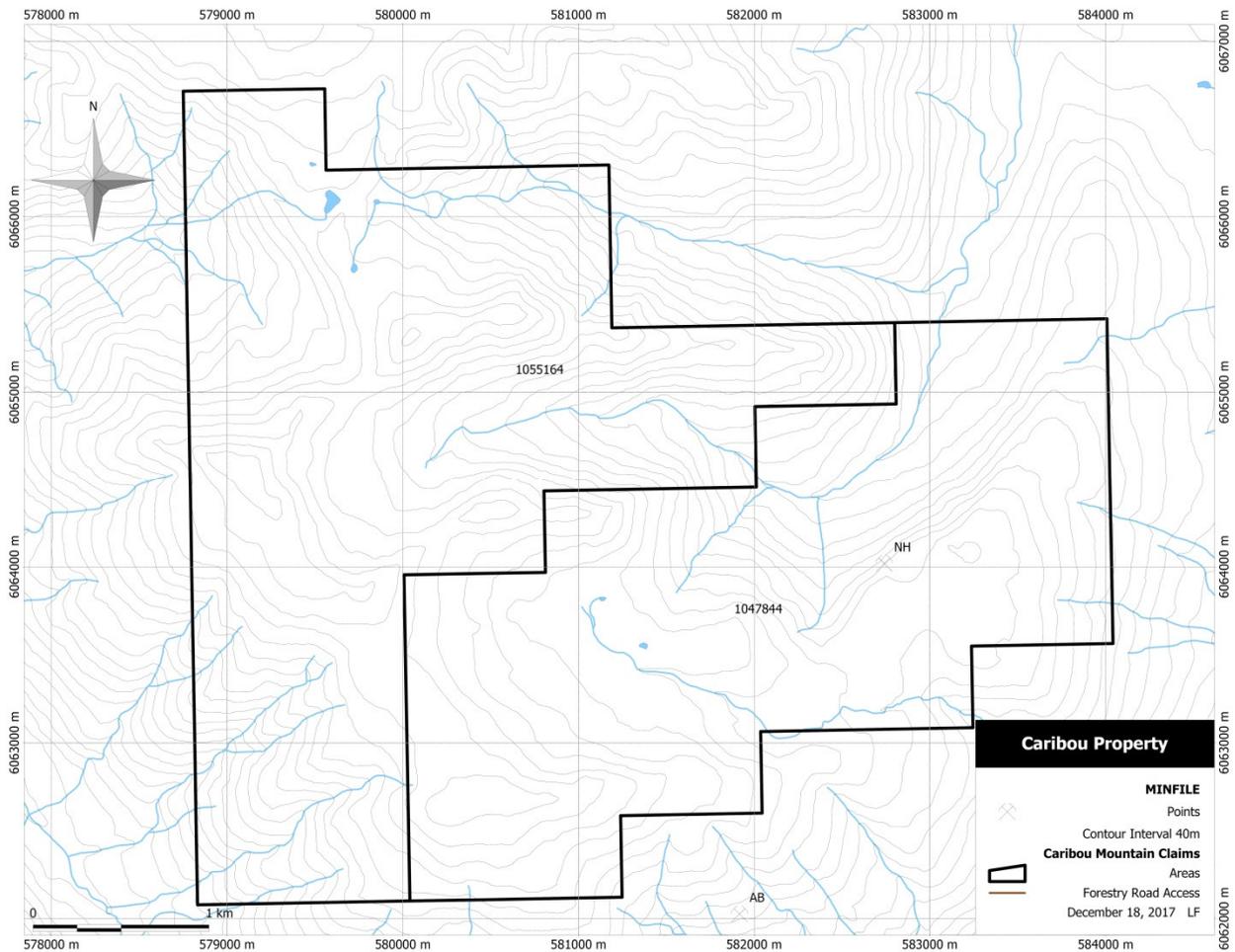


Figure 3. Caribou Property Claim Locations

4.3 Mineral Rights in British Columbia

Section 8 of the Mineral Tenure Act Regulations requires that exploration and development work must be done on a mineral claim to keep it in good standing. The value of exploration and development required to maintain a mineral claim for one year is \$5 per hectare for each of the first and second anniversary years, \$10 per hectare for each of the third and fourth anniversary years, \$15 per hectare for each of the fifth and sixth anniversary years and \$20 per hectare for each subsequent anniversary year. Exploration and development registered under this section may be applied to further anniversary years to a maximum of 10 future years. Expiration dates for the Caribou property are set out in Table 2 of this report. The claim boundaries were located using the Mineral Titles Online Method of claim acquisitions in the Province of British Columbia. The location of the NH showing relative to the property boundaries is shown in Figure 3. The reader is cautioned that coordinates for the NH and AB showings were found to be incorrect in the MINFILE database at the date of December 17, 2017 and have been adjusted in this report to match the locations in historic maps.

4.4 Surface Rights and Permitting

Surface rights over the Caribou Property are owned by the Province of British Columbia and are not included with mineral claims.

Exploration permits must be obtained from the British Columbia Ministry of Energy Mines and Petroleum Resources, prior to carrying out mechanized exploration on the property. The Caribou Claims lie within the consulting area for the traditional territory of the Office of the Wet'suwet'en and the Kitselas First Nation. The author is not aware of any environmental liability to which the Caribou Mineral Claims are subject. To perform the proposed program of work, the registered owner must first file a Notice of Work and receive a Mines Act Permit as required by Section 10 of the Mines Act of British Columbia. Depending on the nature and extent of the work, the permitting mines inspector may require the posting of a reclamation security deposit before issuing a permit to conduct work. There is not currently a Mines Act Permit on the Caribou claims.

5 Accessibility, Climate, Local Resources, Infrastructure and Physiography

5.1 Accessibility

From Smithers, road access to near the property is approximately 48km on gravel roads, up Hudson Bay Mountain Road, left onto McDonnell Lake Forest Service Road and left over the Zymoetz River Bridge provides access to 3km of the northern property boundary. Access from this point is by 4X4 quad and hiking along an access trail that reputedly crosses over Caribou Mountain. A large cut block south of Zymoetz River provides a staging area within 6km of the property.

The property is a 0.5 hour return trip helicopter ride from Smithers. Landing sites are abundant in the alpine and are also present near the NH showing. A toe-in helicopter site is available below the cliffs of the NH showing.

5.2 Physiography, Climate and Vegetation

The property is located within the Hazelton Mountain Range on the slopes of Caribou Mountain. Relief is moderate with cliffs present in steeper areas including the exposure of the NH showing. Topography ranges from approximately 1,120m in the valley bottom to 1,970m at the highest peak within the claims. The eastern part of the part of the property is covered by thick spruce forest at lower elevations, the western part is more commonly alpine meadows and talus slopes, with small patches of permanent ice and snow at the higher elevations. Small intermittent streams flow from snow and patches of glacial ice at higher elevations. These small streams flow into a larger creek which flows north into the Zymoetz River which flows into the Skeena River.

Climate is typical of alpine regions of central British Columbia. Snow can be expected from late August to early June, while summer months experience moderate rainfall. Some ground is permanently snow covered during the colder summer months.

Weather at the property is influenced by the weather in both Smithers and Terrace.

Table 3. Climate Data for Smithers and Terrace Stations (Environment Canada)

Smithers B.C.

Temperature	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Daily Average (°C)	-7.2	-4.4	0.1	4.8	9.4	13	15	14.6	9.9	4.4	-2.1	-7.1	
Extreme Maximum (°C)	15.6	11.9	18.9	25.8	35.8	34.2	36	35.2	31	24.4	15.6	13.6	
Extreme Minimum (°C)	-43.9	-35.6	-	-	-7.2	-4.1	-	-2.2	-	-22	-	-39	
			33.3	18.3		1.1			6.7		32.4		
Average Rainfall (mm)	10.1	5.5	6.7	18.7	37.4	55.2	46	43.8	54	56.9	25.6	8	367.2
Average Snowfall (cm)	44.5	23.5	16.7	5.6	0.7	0	0	0	0	8.6	37.4	45.6	182.7
Ave Precipitation (mm)	42.7	23.4	20.6	23.8	38.1	55.2	46	43.8	54	64.8	55	41.9	508.5
Extreme Daily Precipitation (mm)	61	19.8	22.6	27.8	52.3	42.6	47	32.8	47	57.4	59.7	29	

Terrace B.C.

Temperature	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Daily Average (°C)	-3	-0.9	2.4	6.3	10.6	14.2	17	16.3	12	6.4	0.7	-2.6	
Extreme Maximum (°C)	9.4	12.7	16.9	26	34.6	36.5	37	36.2	32	21.4	13.4	11.3	
Extreme Minimum (°C)	-25	-25	-	-8.3	-2.2	0.6	3.3	2.8	-	-	-	-27	
			19.4						1.4	13.5	25.3		
Average Rainfall (mm)	91.7	61.8	58.8	64.7	55.7	50.8	53	61.2	112	185	132	99	1025.3
Average Snowfall (cm)	88.4	51.9	34.3	8.5	0.4	0	0	0	0	4.8	56	87.1	331.5
Ave Precipitation (mm)	173.5	110.6	92.3	73.7	56.4	50.8	53	61.2	112	190	187	181	1340.8
Extreme Daily Precipitation (mm)	115	99.7	53.2	59.2	39.6	35.4	39	71.8	107	115	95.8	142	

5.3 Local Resources and Infrastructure

The closest town of Smithers, is a major service center for the mineral exploration and forest industries. There are a range of suppliers from diamond drilling contractors, air services, expediting, camp and drill pad construction companies, labour supply companies and professional exploration personnel available as well as the Smithers branch of the Ministry of Energy, Mines and Petroleum Resources. Daily air service to Vancouver is available at the Smithers regional airport and the town is serviced by the CNR transcontinental railway as well as by Highway 16.

6 History

1963 The Caribou Mountain claims were first staked in 1963 to cover visible copper mineralization on Caribou Mountain.

1967 In 1967, the claims were acquired by Lorne Warren. The first recorded work was completed on the property in 1967 when Canvan Investments Ltd. and Manex Mining Ltd. explored the property with six crew members over two weeks. Initial reconnaissance traverses established areas of interest, preliminary prospecting and geology outlined the A, B and C mineralized zones with indications of the D zone located at the NH showing. A total of 175 feet of trenching was drilled and blasted in 10 trenches, soil samples and magnetometer readings were taken along three 500 foot lines at 50 foot spacing covering the projection of the fault at the A zone of the NH showing. Reconnaissance soil samples were taken over parts of a compass traverse. The best results were from the A zone where copper values of 8.55 % and silver values of 13.60 ounces per ton were returned.

1968 In 1968 the NH claims were optioned by Dome-Babine Mines Ltd. they completed various work over two months including, an additional 115 feet of trenching in four trenches, two drilled and blasted pits, soil sampling on a 100 foot square grid, and a detailed mapping program over the cliffs containing the NH showing. Four mineralized zones were outlined and mineralization was confirmed to occur predominantly as bornite, chalcocite and tetrahedrite localized in zones of faulting and fracturing. The favourable host rock for mineralization was determined to be a 70 foot thick bed of lapilli crystal tuff. Induced Polarization and Resistivity surveys totalling 31,200 feet were completed over the A zone to trace out the extension of the fault that was thought to control the copper-silver mineralization in the showing. Four drill holes totalling 1,056 feet was completed to test the A fault zone and IP targets. Mineralized zones were returned where drilling tested the fault zone but core recovery ranged between 20-90% limiting the accuracy of the assay data.

1969-1972 The NH claim group was allowed to lapse.

1972 The area was restaked in late September of 1972 by M. J. Beley. The property was optioned by Grandora Exploration Ltd. and in the late fall of 1972, three diamond drill holes totalling 1,400 feet were drilled at the NH showing. The program was terminated due to severe early winter conditions, results were inconclusive although several short zones of copper-silver mineralization were intercepted. (Howard, 1987)

1973 In 1973 Grandora Exploration Ltd. initiated a reconnaissance exploration program over claims which were adjacent to the NH showing from August 12 to August 24. Six personnel of Agilis Engineering Ltd. (AR4671) completed 21,000 feet of line chained and flagged with stations every 200 feet, and collection of 60 soil samples. This program resulted in the discovery and subsequent geological examination of the copper showing and associated rocks of the AB showing. The AB showing occurs over an area about 200 feet long along two parallel fault zones. Mineralized zones consist of chalcocite, and bornite or malachite and were also named A, B, C, and D.

The reader is cautioned that the AB showing does not lie within the current claim boundary.

- 1974-1980** The property was again allowed to lapse.
- 1980-1987** The property was again picked up by Lorne Warren and optioned to Van Silver Holdings Ltd. Only annual assessment work (trenching and sampling) was conducted during this period.
- 1987** Silver Box Resources Ltd. acquired interest in the Caribou claim from Van Silver Holdings Ltd. Extensive hand trenching was completed on the showings starting in late May 1987.
- 1988-2007** The property was returned to Lorne Warren with no recorded work. The property was dropped by Lorne Warren in 2006, staked by Chris Warren in 2006 but allowed to drop in 2007.
- 2007** Speebo staked the ground which was transferred to Kyler Hardy in 2008.
- 2008-2014** Kyler Hardy staked various claims around the Caribou Mountain area between 2008 and 2014 while keeping strategic claims in good standing. In August 2011, UTM Exploration conducted a 9 day geochemical soil sampling survey over the NH showing. A 120 sample grid with 200 by 200m sample spacing, was successful in expanding potential mineralization by outlining an anomalous zone 1,500 m by 500 m. The property was allowed to lapse in 2014.
- 2015** Zimtu Capital Corp. staked the property in 2015, no work was recorded and the claims were allowed to lapse.
- 2016-2017** In November 2016, Kyler Hardy staked a mineral claim totalling 785 hectares. A second claim was staked to the west of this in September 2017. In October 2017, 13 days were spent prospecting (36 samples), soil sampling (319 samples) and verifying historic information.

7 Geological Setting and Mineralization

7.1 Regional Geology and Mineralization

The Caribou property is located within the Skeena arch; a northeast trending paleo-high that extends diagonal to the general trend of the Stikine arc terrane. The Stikine terrane is contained within the Intermontane Belt which extends the length of British Columbia. The Skeena arch has recorded island arc magmatism and siliclastic sedimentation. Volcanic rocks of the Telkwa Formation form the lower part of the Hazelton Group and are the most commonly exposed rocks in the Skeena Arch. Hazelton arc volcanism waned by the mid Jurassic, with deposition of mixed sediments and volcanics of the Nilkitkwa Formation. This was followed by deposition of tuffaceous sediments of the Smithers and Quock formations of the Hazelton Group. The Stikine Terrane then accreted to North America forming the faulted contact present to the east at the Stikine-Cache Creek terrane boundary. This was followed by the marine sedimentation in the Bowser and Nechako basins. Skeena Group sedimentary rocks gradually overlie the Bowser Lake Group within the Bowser Basin but unconformably overlie the Hazelton Group over the Skeena Arch. (Angen, 2017)

The Bulkley, Nanika and Babine plutonic suites are hosts of significant economic porphyry and related mineralization that are distributed through the Skeena arch. Overall distributions of Bulkley intrusions follow a north-south trend and Nanika and Babine intrusives follow a northeast trend but individual intrusions are defined by northeast and northwest trending shear zones and faults. (Angen, 2017)

South of the Caribou Mountain area, the Eocene granitic stock of the Nanika Plutonic Suite intrudes an Early Jurassic granodioritic stock of the Topley Plutonic Suite. These stocks are emplaced within the Lower Jurassic Telkwa Formation of the Hazelton Group. The Serb Creek (093L 083) developed prospect is associated with this Nanika Plutonic Suite.

To the north of the Caribou property at Louise Lake (093L 079), copper, molybdenum, gold and silver mineralization is associated with intensely altered Nanika Plutonic Suite quartz monzonite feldspar porphyry which intrudes into Skeena Group sediments.

The Skeena arch is host to a variety of deposits including Cu+-Au+-Mo+-Ag porphyries, epithermal, mesothermal and polymetallic vein deposits. Past producing porphyry deposits in the Skeena arch include the Huckleberry (093E 037) Cu-Mo deposit which is hosted in a granodiorite porphyry stock of the Bulkley Plutonic Suite. Granisle (093L 146) and Bell (093M 001) are porphyry copper deposits with gold, molybdenum and silver that are associated with biotite feldspar porphyries of the Babine Plutonic suite.

Numerous polymetallic vein deposits are also hosted in the Skeena arch, the Duthie mine (093L 088) hosted mineralized fault zones or "vein-lodes" ranging from a few cm to 2.4m in width, quartz veining is associated with Bulkley Intrusive stock. American Boy (093M 047) has a number of veins with high grade lenses which crosscut tuffs and argillites on the property. Veining ranges in thickness from 10-120 cm and produced silver, lead, zinc and gold.

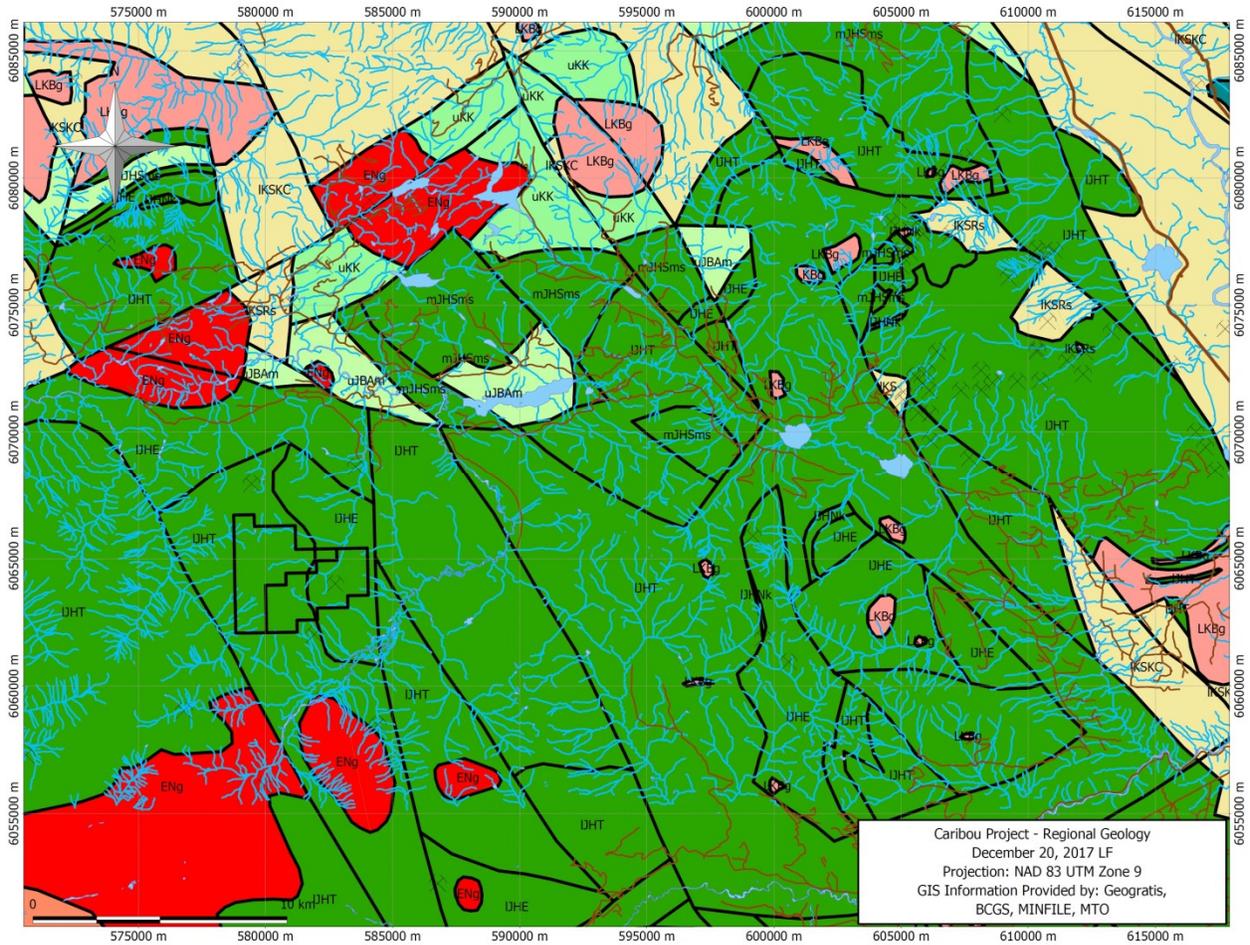
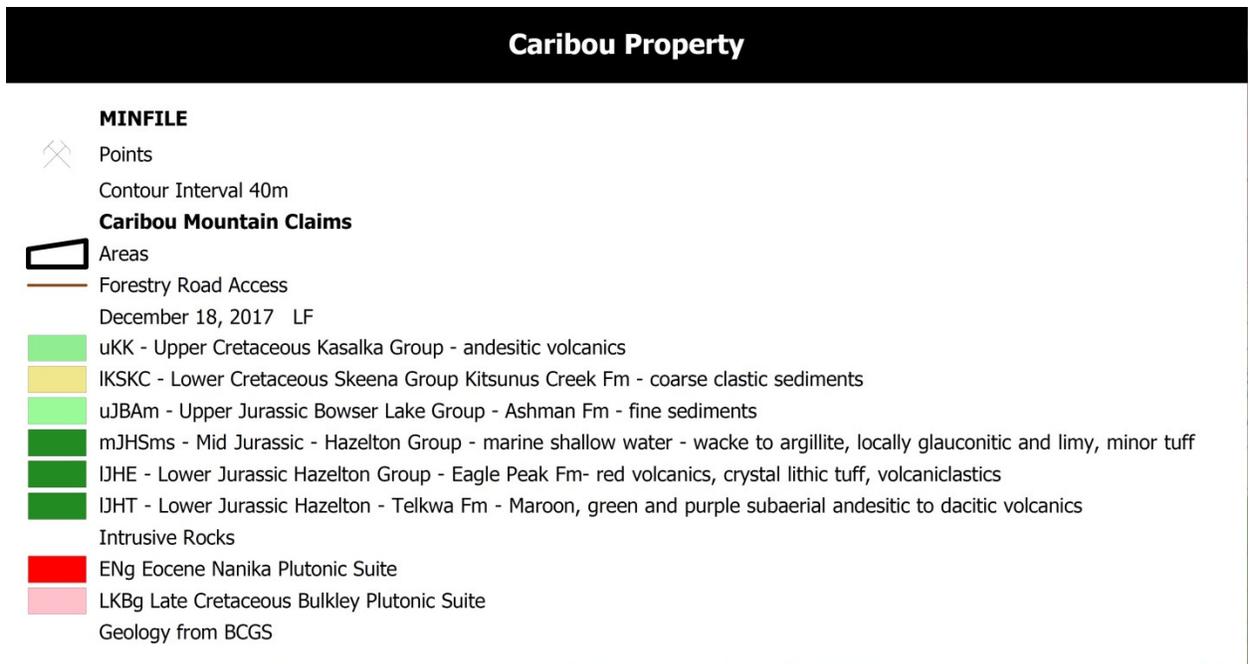


Figure 4. Regional Geology



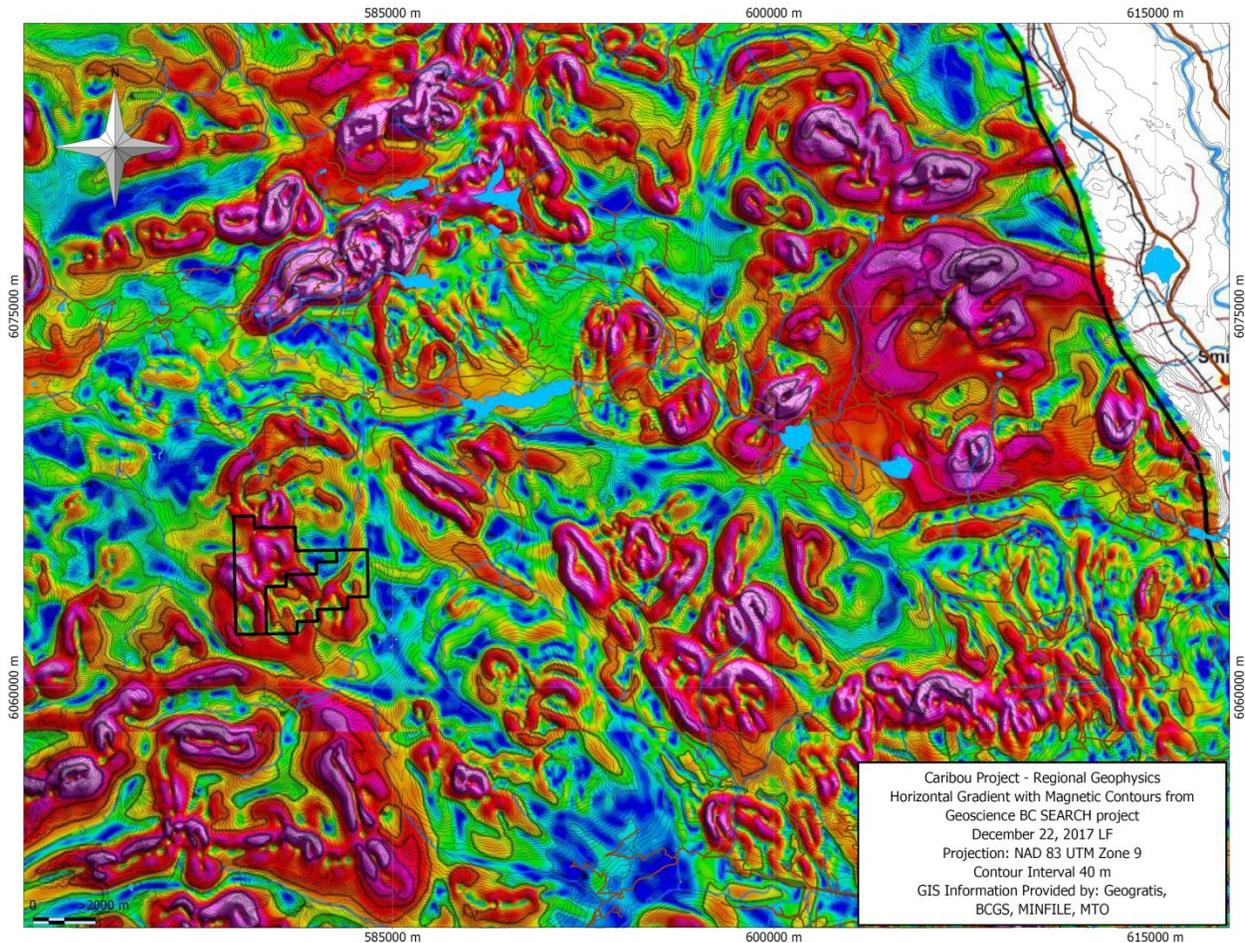


Figure 5. Regional Geophysics

7.2 Property Geology

The Caribou Property is underlain by lower Jurassic rocks of the Telkwa and Eagle Peak Formations which form the lower part of the Hazelton Group. Both Eagle Peak and Telkwa rocks strike generally northeast and dip 25-30 degrees southeast. The lowest unit on the property is the Telkwa Formation which consists of variegated red maroon, green, grey breccias, tuffs and flows of basaltic to rhyolitic composition (1987). The Telkwa Formation flows are mainly green, grey and purple; porphyritic; amygdaloidal andesites. The Eagle Peak Formation – previously the Red Tuff Member of the Nilkitkwa Formation, consists of red to brick red fine grained tuff and fine breccia and appears to form a barren cap over the underlying mineralized Telkwa formation. The areas of mineralization at the NH showings were mapped in detail in 1968 by M. Beley. (Mines and Petroleum Resources Report, 1969)

Nanika and Bulkeley plutonic suite intrusive rocks occur within a few kilometers of the property and it has been thought that they or their derivatives may cut the Hazelton rocks of Caribou Mountain.

Faulting and fracturing are prominent structural features; two principal trends are southeast and east (Irving, 1968) the main fault at the NH showing is near vertical, striking southeast.

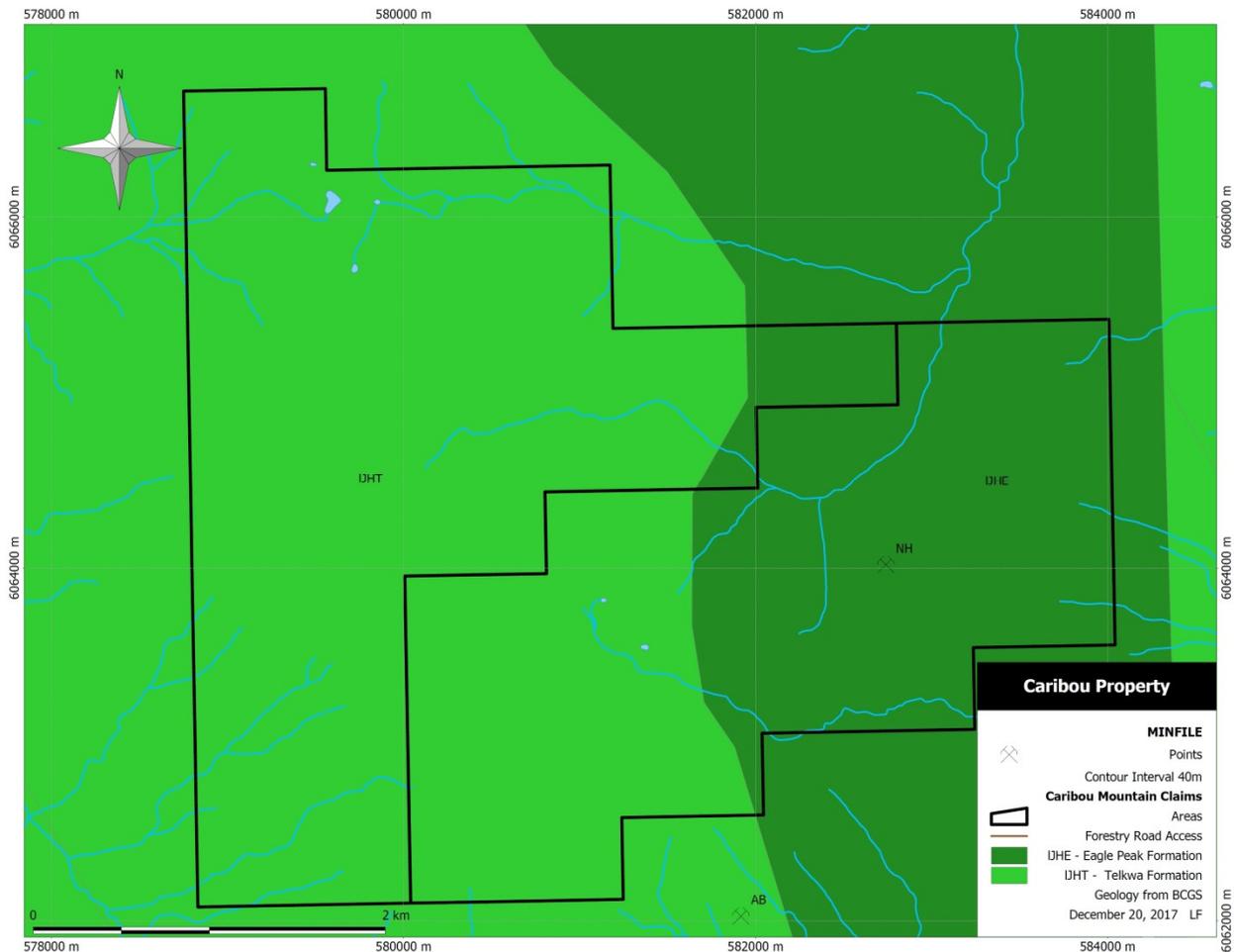


Figure 6. Caribou Property Geology

7.3 Mineralization

7.3.1 Veining

The NH showing has been divided into four zones. The A zone consists of chalcocite and bornite with chalcopyrite and galena in fractures and calcite veinlets in a 21 meter wide lapilli crystal tuff. The mineralization is most abundant in and immediately adjacent to the fault but in the tuff the mineralization has been traced for more than 30 meters to the northeast. Sampling of the A zone in 1987 returned a three meter wide sample with 7.40% copper and 362.81 g/t silver. The B zone consists of a brecciated portion of the same tuff horizon on the uplifted side of a small fault; the exposed area of the breccia is about 15 by 15 meters. Coarse grained calcite and disseminated chalcocite form the breccia matrix, minor chalcopyrite, bornite and chalcocite are present in the tuff for another 30 meters southwest of the breccia zone. The C zone consists of one steeply dipping high grade chalcocite, bornite vein and a few other scattered veinlets that are located near and contained within the top of the favourable tuff horizon. The D zone contains bornite and chalcocite as disseminations and in small fractures and calcite veins in an altered lapilli tuff. Alteration consists of quartz and potash feldspar.

Minor native copper (possibly from supergene processes) is present at this zone. (Mines and Petroleum Resources Report, 1968)

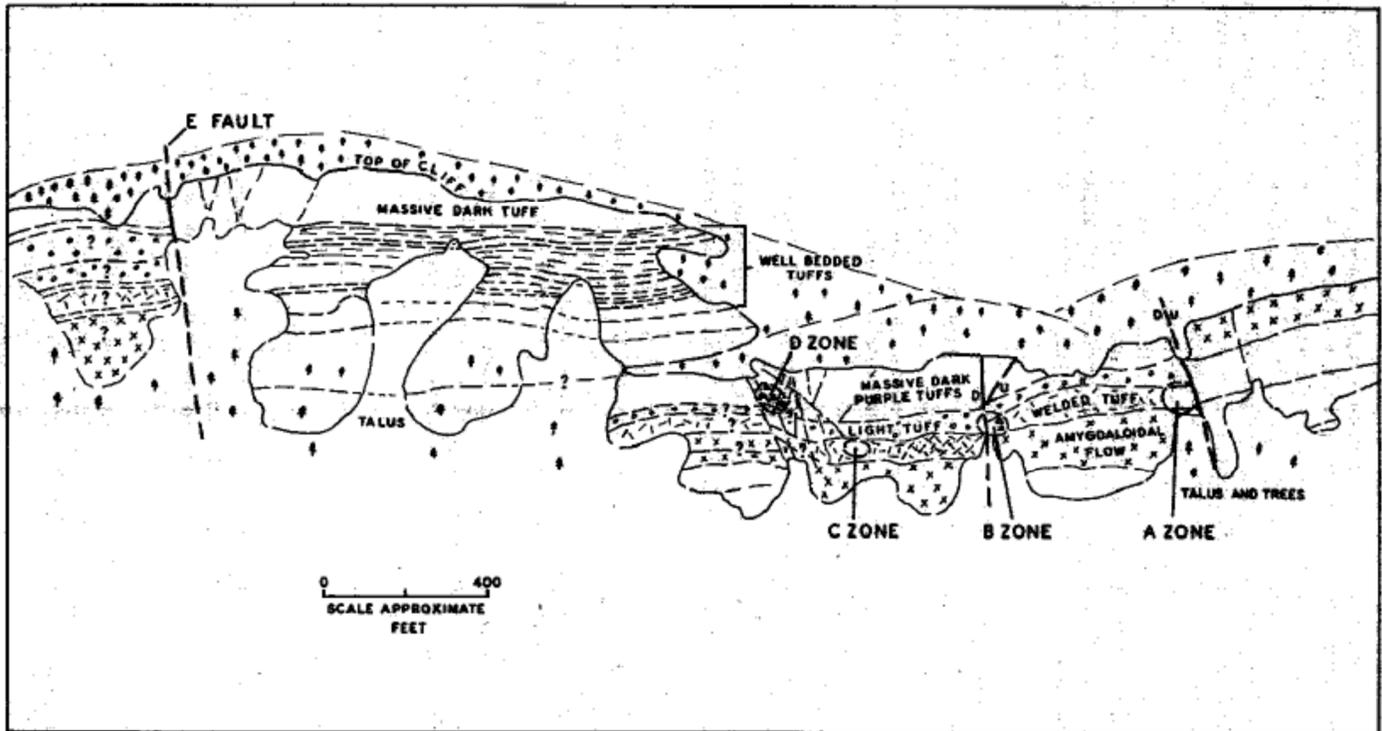


Figure 7. 1968 Geologic Cross-Section of the NH showing (looking SE) by M. Beley, Dome Babine Mines Ltd.

A second showing is located to the immediate south of the claim boundary; the AB showing was discovered in 1973 and contains copper mineralization which occurs over 60 meters along two parallel fault zones. This showing has also been divided into four zones: The A zone consists of fracture fillings and veinlets of chalcocite and bornite over a 30cm wide zone. Veining and mineralization becomes discontinuous to the northwest. Preferential replacement and open space filling of a chloritized green andesite occurs where it is cut by the fracturing. A grab sample of this unit assayed 1.76% Cu and 154 g/t. The B zone is 21 meters to the southwest where malachite is common along tight fractures in the same volcanic unit. Chalcocite veins are found in the same volcanics at a small talus slope 30 meters to the southeast at the C zone. A grab sample from this returned 5.05% copper and 342 g/t silver. The D zone consists of narrow chalcopyrite and chalcocite veins associated with a 0.6 meter wide fault oriented 360/80°. Chlorite, epidote and calcite stringers are present and veining has been traced for 24 meters. A selected grab sample from this zone returned assays of 1.76% copper and 155 g/t silver (1973, Needoba).

7.3.2 Porphyry

A soil sampling program with 200 meter sample spacing in 2011 outlined an appreciable extension below the mineralized corridor described previously at the NH showing. The soil survey outlined a northeast-southwest oriented anomalous zone which has an apparent 1,500 meter length and 50 meters width. Anomalous copper, silver, gold, zinc, lead and tungsten are coincident along strike while arsenic and antimony are represented as a coincident halo around the zone of Cu, Ag, Au, Zn, Pb and W. This distribution of the elements suggests a porphyry style setting. This anomalous zone was infilled with closer spaced samples in 2017; samples sites from 2011 were duplicated during this program and correlation was strong between the above elements and the same pattern of an anomaly was continued. A few of the soil sample sites were noted to have mineralized float from the cliffs above, particularly below the A zone of the NH showing, but in general, transported mineralization was not noticed.

The halo anomalies of coincident mineralization of As, Sb, Zn and Au show continued extension to the northwest.

The copper, silver and gold in soil anomalies may have potentially isolated a large porphyry style deposit. It has been suggested in past years that the property may be underlain by Late Cretaceous or Eocene intrusive, the same intrusives which are associated with mineralization in nearby porphyry deposits such as the Serb Creek or Louise Lake porphyry deposits. Porphyry mineralization has not yet been recognized in outcrop on the property.

8 Deposit Types

The Caribou claim group possesses three potential deposit types, copper porphyry, polymetallic Cu +- Ag veins and volcanic red bed copper. In the Skeena region of British Columbia, examples of Copper Porphyry deposits include Huckleberry (093E 037), Serb Creek (093L 083) and Louise Lake (093L 079). Examples of Cu+- Ag veins include Davis-Keays (094K 012, 050) and Magnum (094K 003) and examples of volcanic red bed copper include Sustut Copper (094D 063) and Shamrock (092HNE092).

8.1 Porphyry

Huckleberry is a Cu-Mo porphyry deposit that is located 123km to the south of the Caribou Property; it is hosted in the granodiorite porphyry stock of the Bulkley Intrusive Stock which intrudes Hazelton Group volcanic rocks. The Serb Creek developed prospect is a Mo porphyry hosted in a biotite granite of the Eocene Nanika Plutonic Suite and is located 8.5km south-south west of the Property. Louise Lake is a developed prospect 15km to the north and is a Cu, Mo, Au, Ag porphyry which is associated with intensely altered quartz monzonite feldspar porphyry of the Eocene Nanika Plutonic Suite.

Porphyry deposits are associated with intrusions with compositions ranging from calcalkaline quartz diorite to granodiorite and quartz monzonite and associated country rock. They consist of large zones of hydrothermally altered rocks containing stockworks of copper and molybdenum bearing quartz veinlets, fractures, breccias and lesser disseminations in areas up to 10km² in size. Calcalkalic porphyry systems can be zoned with a copper ore zone that commonly has coincident Mo, Au, Ag and possibly Bi, W, B

and Sr with possible increased peripheral Pb, Zn, Mn, V, Sb, As, Se, Te, Co, Ba, Rb and Hg. One of the characteristics of porphyry copper-molybdenum deposits is their concentric shells of alteration and mineralization. Iron and copper sulphide minerals which accompany these deposits respond to certain geophysics techniques. By introducing electrical currents into the surrounding rocks and accurately measuring the decay of the current, the sulphide distribution around the deposit can be measured which can guide exploration.

8.2 Cu +- Ag Quartz Veins

Cu+Ag quartz veins are common in copper metallogenetic provinces and are often important as indicators of the presence of other types of copper deposits. Quartz carbonate veining contains patches and disseminations of chalcopyrite with bornite, tetrahedrite, covellite and pyrite. Vein breccia and stockworks are sometimes associated with deposits. Veining can occur in any lithology but typically crosscuts clastic sedimentary or mafic volcanic rock sequences. Veins are emplaced along faults and commonly postdate major deformation and metamorphism. Copper quartz veins may be related to copper porphyry systems and are related to felsic intrusives. Deposits will form simple to complicated vein and vein sets which follow high angle faults. These veins vary in thickness from cm scale to tens of meters and can have a strike of more than a kilometer in exceptional cases. Wall rock is typically altered for centimeter to tens of meters out from the vein and consists of carbonization and silicification in metasediments, epidote, calcite and chlorite in volcanic hosted veining and sercite, clay and chloritization with intrusion related veining. Veins follow faults and ore shoots are commonly localized along dilational beds within veins. Intersections of veins are an important focus for ore and sulphides may preferentially occur where veins cross cut favourable lithologies.

8.3 Volcanic Redbed

Volcanic red bed copper deposits occur as disseminations, veins, infilling amygdules, fractures and flow top breccias with chalcocite, bornite and/or native copper. They occur in mafic to felsic volcanic flows, breccia, tuff and related sedimentary rocks. Deposits range from being tabular and stratabound to being structurally controlled and crosscutting stratigraphy. The most commonly associated rock types are amygdaloidal basalt flows, breccias and coarse volcaniclastic beds with associated volcanic tuffs and sediments. Sediments often exhibit shallow water sedimentary structures including mud cracks and cross bedding. Any of the units may host the deposit although the mafic volcanics are more likely due to elevated background values of native copper or chalcocite.

9 Exploration

Between 1967 and 2017, exploration work has been completed by five separate companies including rock sampling, geochemical soil surveys, geological mapping, magnetometer surveys, induced polarization - resistivity surveys and diamond drilling. Reporting for many of these programs is incomplete or missing. Where present, reports are lacking in descriptions of sampling methodology, analysis and exact sample locations.

9.1 Mapping and Prospecting

Claims were initially staked in 1963 to cover visible copper mineralization on Caribou Mountain, there is no documentation for exploration until 1967 when Canvan Investments Ltd. and Manex Mining Ltd. explored the property. Initial reconnaissance traverses established areas of interest in the area, preliminary prospecting and geology outlined the A, B, and C mineralized zones with indications of the D zone located at the NH showing.

In 1968 Dome-Babine Mines Ltd. completed a detailed geological mapping program over the cliffs containing the NH showing. Four zones were outlined and it was determined that mineralization is mostly confined to a 21 meter thick bed of lapilli crystal tuff. Fracturing, faulting and brecciation control the mineralization.

In 1973, Grandora Exploration Ltd. Initiated a reconnaissance exploration program over claims which were adjacent to the NH showing. Personnel of Agilis Engineering Ltd. (AR4671) completed 6,400 meters of line chained and flagged with stations every 61 meters, which resulted in the discovery and subsequent geological examination of the copper showing and associated rocks of the AB showing.

At the AB showing, copper mineralization occurs over an area about 60 meters long along two parallel fault zones, zones of mineralization were also named A, B, C, and D. The A zone consists of chalcocite and bornite as fracture fillings and veinlets in a zone with an exposure of approximately 6 X 0.3 meters. Preferential replacement and open space filling occurs in a 1.5 meter by 9.1 meter wide chloritized greenish andesitic unit where it is cut by fracturing. Malachite is common in fractures 21 meters to the southwest of here in the B zone. The highest assays from this showing were from a grab sample in float of a chalcocite vein in the C zone which returned 5.05% copper and 342 g/t silver. Zone D consisted of narrow chalcopyrite and chalcocite veins that were traced for 24 meters and were associated with a 0.6 meter wide fault zone. Chlorite, epidote and calcite stringers are common in D.

The reader is cautioned that the AB showing does not lie within the current claim boundary.

In 2011, UTM Exploration Services Ltd collected 17 rock samples that were representative of the rocks within a soil sampling grid which was completed over 9 days in August. Samples were collected, locations were marked by Garmin CSx handheld GPS units, and samples were analyzed by AGAT laboratory by ICP/ICP-MS method and fire assay ICP-OES finish. Highlights of results are included in Table 4 and locations are shown in Figure 8.

Table 4. 2011 Rock Samples with Select Assays

Sample Number	Easting NAD 83 Zone 9	Northing NAD 83 Zone 9	Ag ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Au ppm
1049648	582962	6063243	33.9	10.5	405	63.8	92.8	0.001
1049649	582210	6063600	0.15	3520	0.93	6.5	489	0.003
1049650	582015	6069734	0.21	17.5	0.57	6.2	359	0.003
1049695	583195	6063390	0.04	23	0.43	2.7	90.4	0.008

1049698	583226	6064293	0.25	11	0.67	6	149	<0.001
1049699	582992	6064194	0.04	1.2	1	2.9	28.3	0.001
1049700	582640	6063869	0.41	94.8	0.79	8.5	234	0.002
1049791	582650	6064017	0.83	<0.1	1.09	315	<0.5	<0.001
1049792	583409	6064860	0.08	11.9	0.84	6.8	149	0.002
1049793	582400	6063698	0.06	9	0.43	8.8	287	0.002
1049794	582430	6063579	0.38	142	0.57	24	327	0.001
1049795	582430	6063579	20.8	5900	0.52	7.3	353	0.007
1049796	581997	6065003	0.15	25.4	0.34	8.1	414	0.006
1049797	582089	6063853	0.12	20.2	0.45	6.9	300	<0.001
1049798	582213	6063787	0.02	20.8	0.64	7.3	360	0.001
1049799	582170	6063592	0.96	430	0.67	13.4	136	0.006
1049800	582229	6063538	0.04	27.7	1.15	0.5	31.5	0.001

In October 2017, Ridge Resources commissioned Lorie Farrell of Farrell Exploration Services Inc. to coordinate a program over the Caribou claims for the purposes of doing work on the property as part of a qualifying transaction. Thirty-six rock samples were collected as both a check on historic sampling near the NH showing and concurrent with wide spaced soil sampling and minor mapping over the western region of the claims. High grade copper and silver assays were returned in mineralized samples from the NH zone and copper as malachite was located as float at a couple of sites on scree slopes in the upper grid. Rock samples were collected with Eastwing rock hammers, placed in poly ore bags with unique identifying sample numbers, described with sample number, sample location was determined in UTM NAD 83 Zone 9 by using a handheld Garmin GPS, sample type, rock type, mineralization and alteration and other notes of import were also recorded. Rocks were shipped to AGAT laboratory and analyzed by Aqua Regia Digest and ICP/ICP-MS finish. Assays for over-limit copper results were analyzed by Sodium Peroxide Fusion with an ICP-OES finish. Select assays results are shown in table 5 and locations are shown in Figures 8 and 9.

Table 5. 2017 Rock Samples with Select Assays

Sample Number	Easting NAD 83 Zone 9	Northing NAD 83 Zone 9	Ag ppm	Cu ppm	Mo ppm	Au ppm	Pb ppm	Zn ppm
126551	582740	6063941	193	21,600	0.45	0.177	83.8	80.8
126552	582715	6064027	3.52	608	0.25	0.024	13.3	36.4
126553	582728	6064023	19.5	4890	0.26	0.016	4.5	114
126554	582728	6064023	0.97	417	0.11	<0.005	2.8	1040
126555	582718	6064015	28	5940	0.42	<0.005	3.9	45
126556	581683	6063015	0.25	55.6	0.37	<0.005	8	225
126557	580564	6063154	0.45	56.2	0.42	0.011	6.2	433
126559	579807	6064027	9.68	1430	<0.05	0.016	1.2	17

126560	579814	6064433	0.26	46.8	0.32	<0.005	4.1	51
126561	579725	6066205	0.13	24	0.39	<0.005	1.2	7.2
126562	582760	6064879	0.12	13.4	0.22	0.009	3.7	40.7
126563	579679	6063496	2.68	2160	0.41	<0.005	8.1	204
126564	579593	6063596	51.1	8960	0.31	<0.005	1280	445
126565	582406	6064091	0.74	180	0.44	<0.005	129	175
126566	582595	6064085	345	63,300	0.23	0.019	2650	<0.5
126567	582596	6064085	320	56,100	0.36	0.026	22.8	406
126568	582550	6064159	547	120,000	0.25	0.044	34.9	233
126501	582705	6063963	572	96,100	0.39	0.021	12.3	253
126502	582695	6063973	104	26,600	0.4	0.005	17.7	121
126503	580191	6063748	11.5	2430	0.29	<0.005	4.6	47.1
126504	579999	6064362	2.77	777	0.41	<0.005	2	42.2
126505	580136	6064658	1.8	720	1.08	0.012	127	77.7
126506	580148	6064617	0.27	491	0.25	0.006	6	117
126507	579233	6064528	1.12	122	62.5	<0.005	14.4	52.2
126508	579596	6064921	0.22	42.5	1.33	0.008	6.3	130
126509	579669	6065508	0.12	20.5	0.91	<0.005	2.8	42
126510	579676	6065679	0.1	12	7.19	<0.005	7	50.5
126511	579720	6065949	0.12	32.3	1.03	0.009	3.6	31
126512	579727	6066092	0.09	8.9	0.88	<0.005	2.4	13.8
126513	579764	6066090	0.06	4.6	0.5	<0.005	3.6	39.6
126514	579793	6066168	0.07	5.6	0.91	0.006	1.9	20.8
126515	579815	6066273	0.06	17	1	0.01	1.8	20.5
126516	579829	6066326	0.05	4.5	0.81	0.007	1.5	18.3
126517	579830	6066318	0.72	167	0.65	<0.005	2.4	40.9
126518	579831	6066411	0.17	156	24.6	<0.005	2.7	61.2

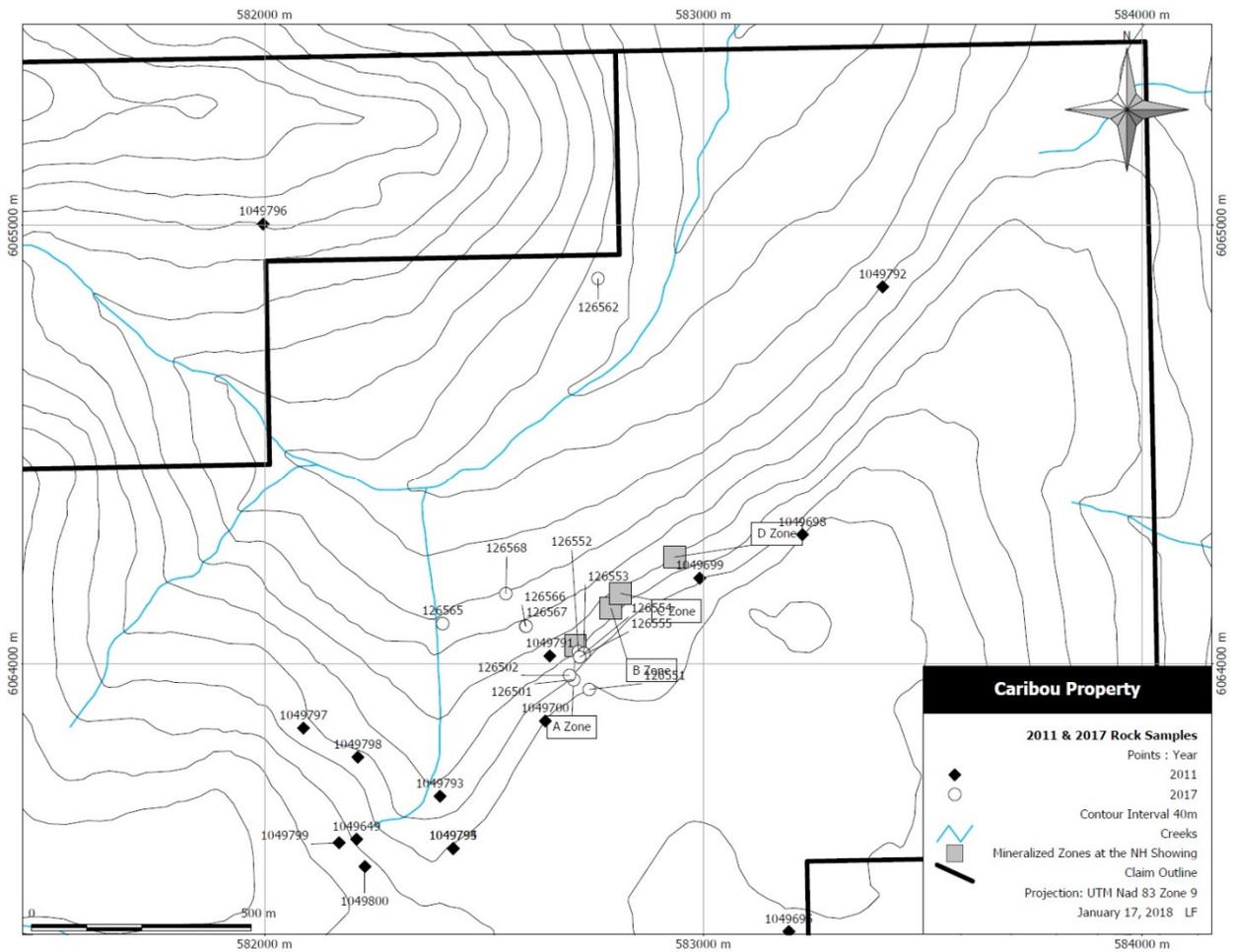


Figure 8. 2011 and 2017 Rock Sample locations over the lower grid and NH showing

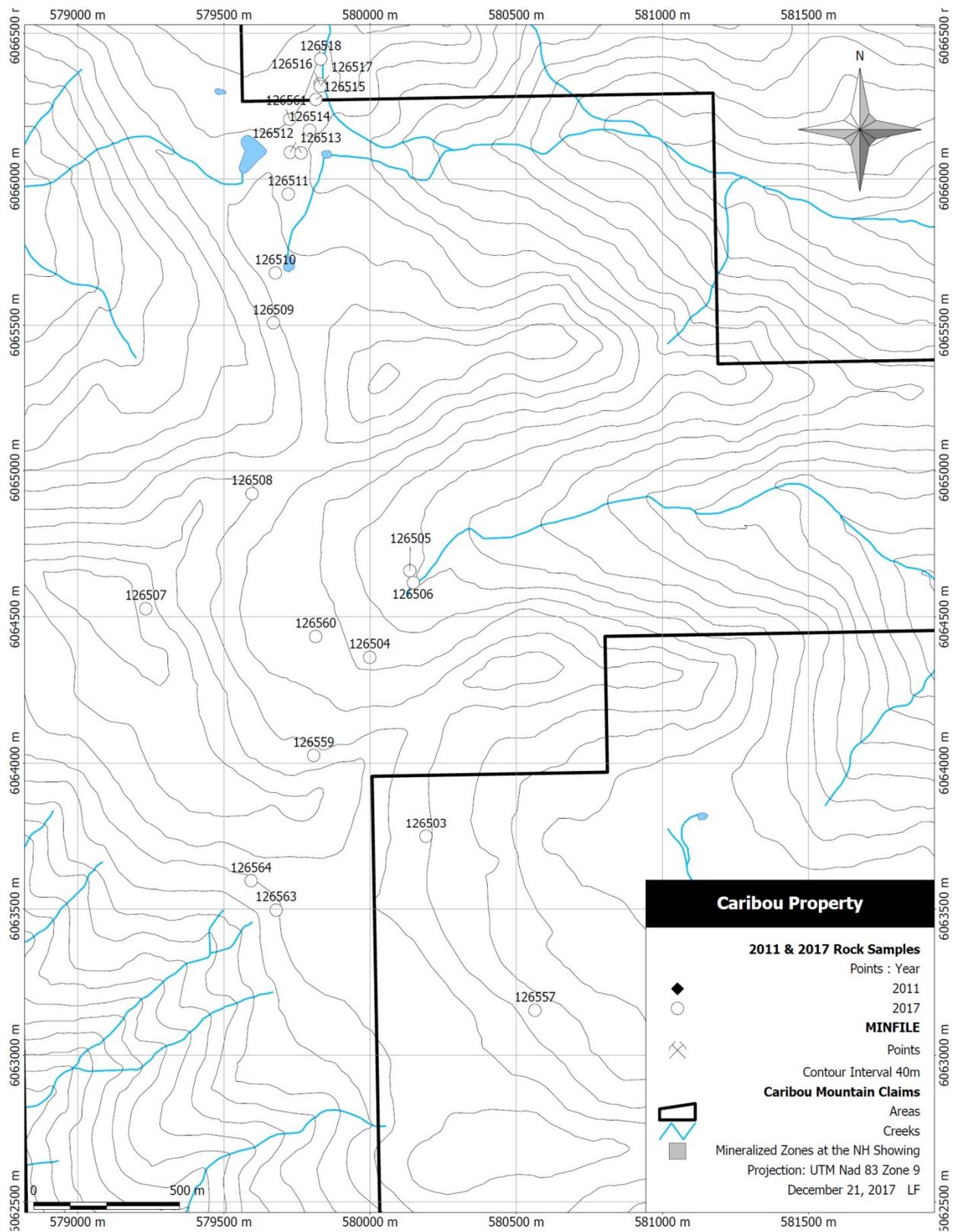


Figure 9. 2017 Rock Sample locations from the Upper Grid

9.2 Rock Sampling and Trenching

The first recorded rock sampling on the property was in 1967 when Canvan Investments and Manex Mining laid out a total of 53 meters of initial trenching which was drilled and blasted in 10 trenches.

An additional 35 meters of trenching was done in 1968.

More trenching may have been done over the showings based on an undated assessment report by L. Warren.

In late May 1987, extensive hand trenching was completed on the mineralized showings. Records are not available for this trenching.

9.3 Soil Geochemistry

In 1967 soil samples were taken at 15 meter spacing on three lines which were 152 meters long, covering the projection of the fault at the A zone at the NH showing. Reconnaissance soil samples were taken over parts of a compass traverse. Geochemical results on the three lines, particularly copper and lesser zinc, display a very strong southeasterly trend.

During the 1968 program with Dome Babine Mines Ltd, soil sampling was completed on a 30 meter square grid, both copper and zinc responded and indicated a few isolated highs of 1 to 2 samples each. Follow up samples and reconnaissance soil and silt samples were collected. 399 silt and soil samples were collected between 1967 and 1968.

During 1973 over the AB claims near the AB Showing 60 soil samples were collected and analyzed for silver and copper, poor soil development over much of the property caused many samples to not be taken and some cannot be considered reliable as areas where prospecting showed mineralization, did not necessarily show soil highs. (AR 4671)

The reader is cautioned that the AB showing does not lie within the current claim boundary.

During a 9 day program in August 2011, two crew members with UTM Exploration collected 120 soil samples over the NH showing to follow up on historic results and test for extensions of the mineralization. Samples were collected on a 200 meter by 200 meter grid with a manual soil auger from depths of 15cm to 50cm.

During a 13 day program in October 2017, between three and five crew members collected 72 soil samples on 200m spaced geochemical soil sample grid in the alpine on the western claim and 247 samples were used to infill the portion of the lower 2011 soil grid in the anomalous area below the NH showing at 25 meter spacing on 200m spaced lines. Results on the lower infill grid were consistent with the 2011 program and showed an anomalous trend. Results for the wide spaced upper soil grid show an open zone that is anomalous in copper and silver 800m wide with associated rock samples as float containing up to 8,960ppm copper and 51.1ppm silver in rock sample # 126564.

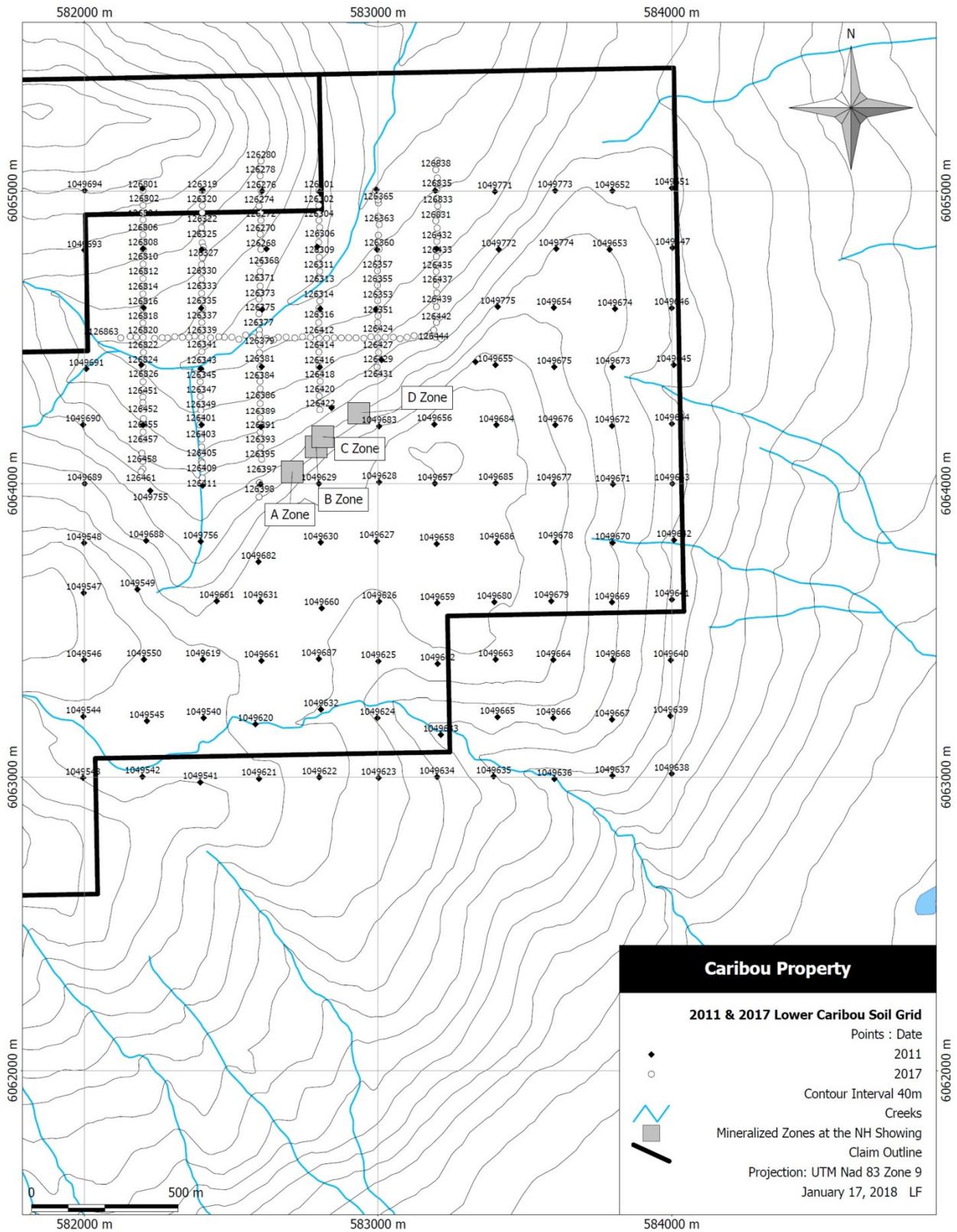


Figure 10. 2011 and 2017 Lower Soil Grid Sample Locations

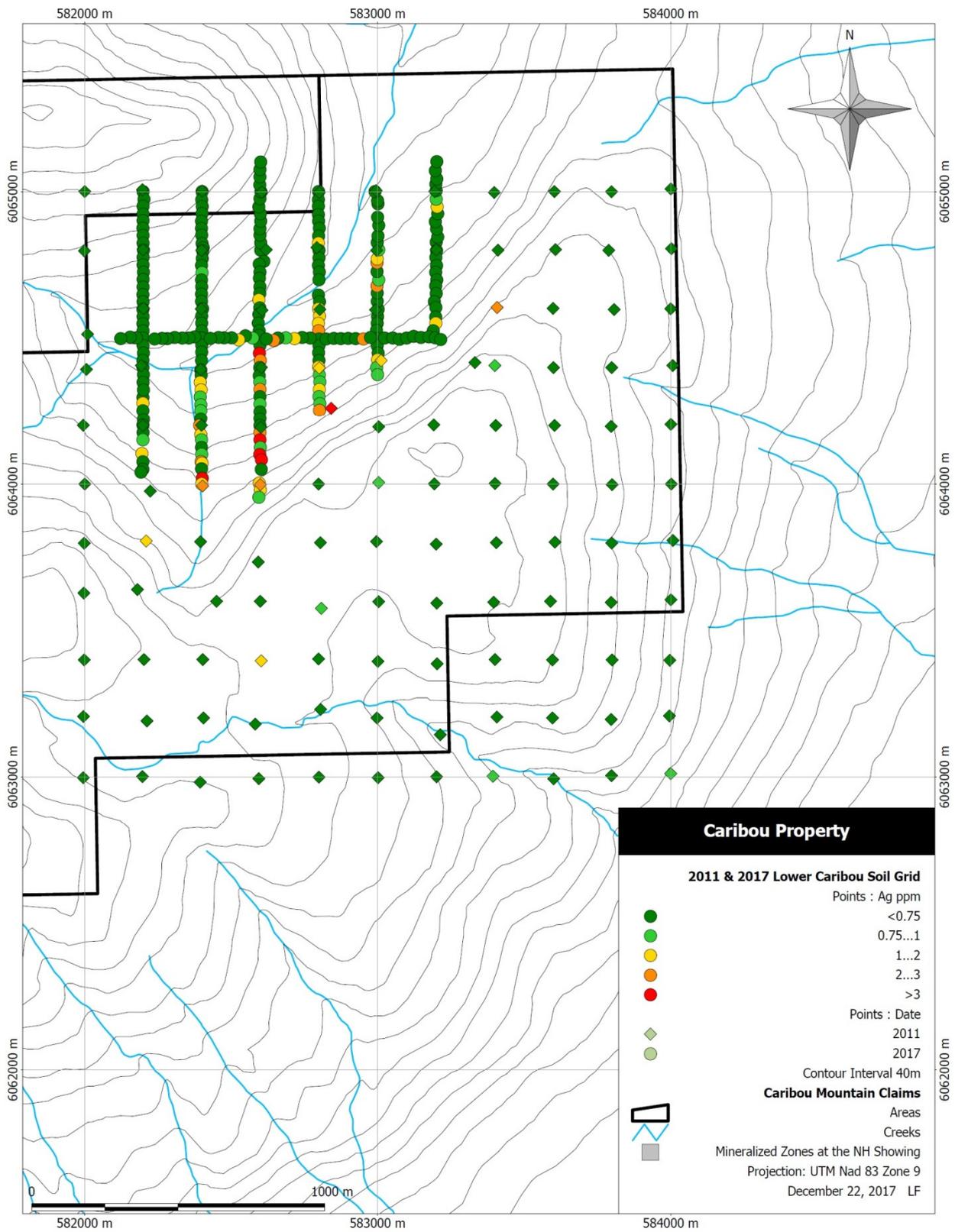


Figure 11. 2011 and 2017 Lower Soil Grid Results, Silver in soil

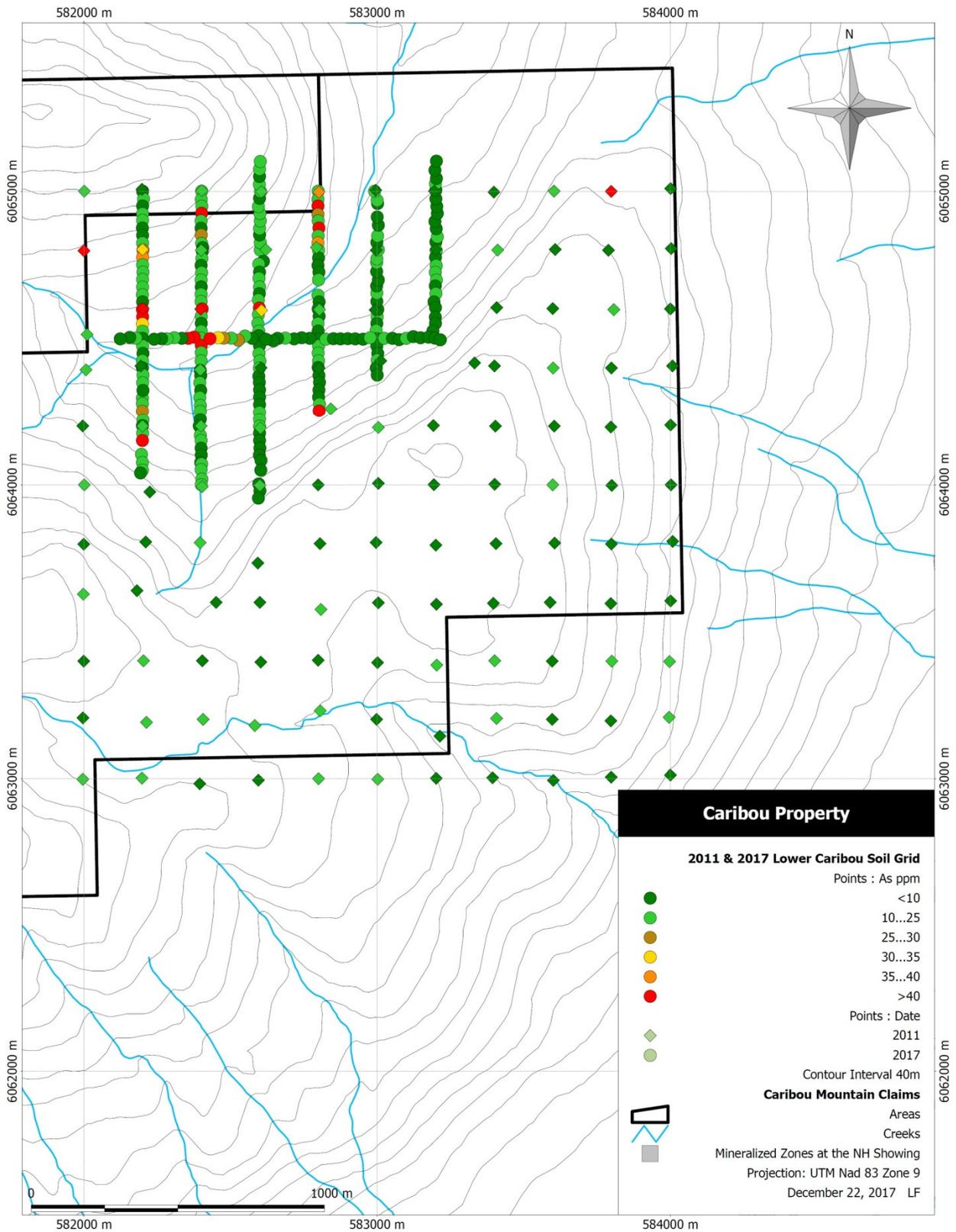


Figure 12. 2011 and 2017 Lower Soil Grid Results, Arsenic in soil

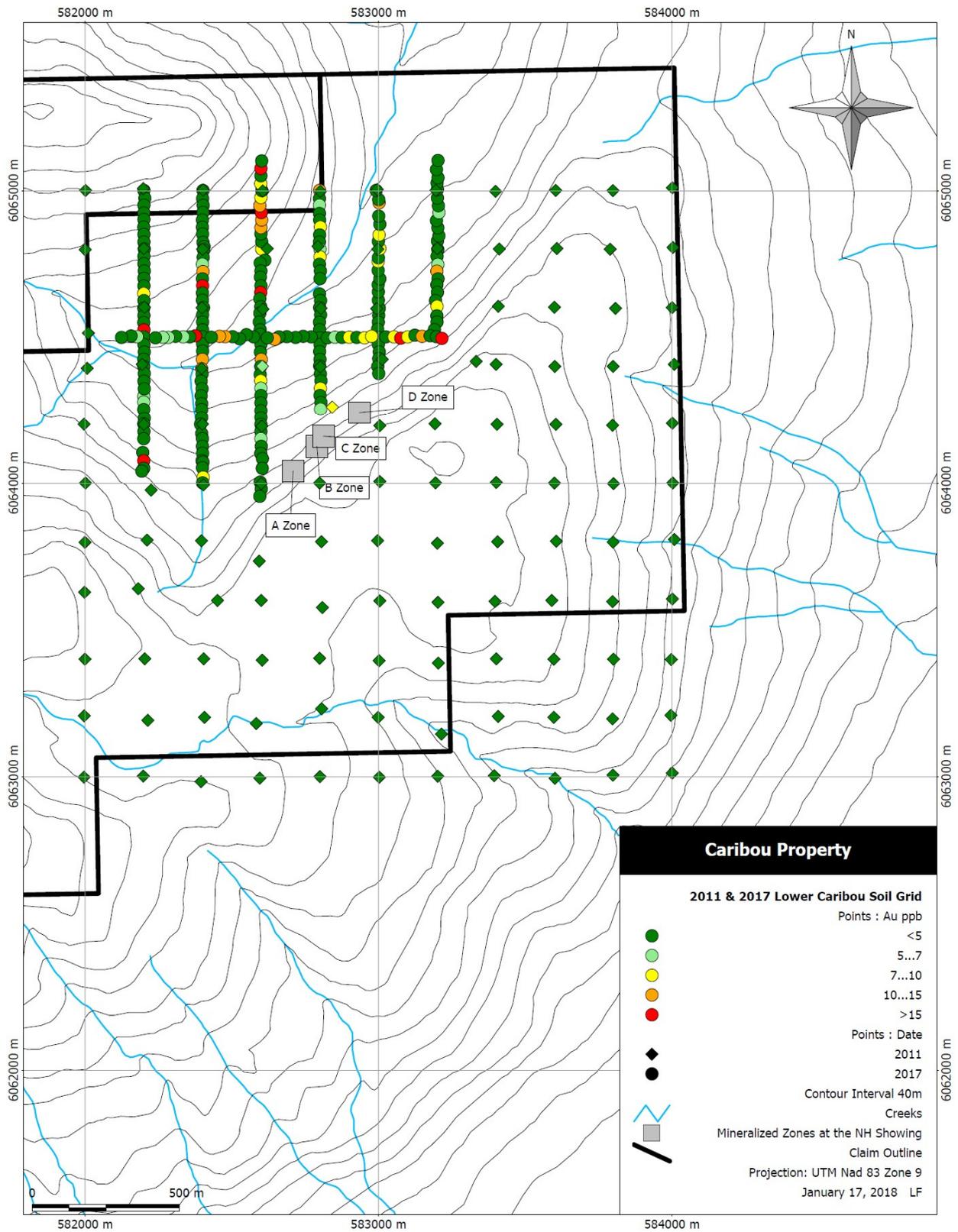


Figure 13. 2011 and 2017 Lower Soil Grid Results, Gold in soil

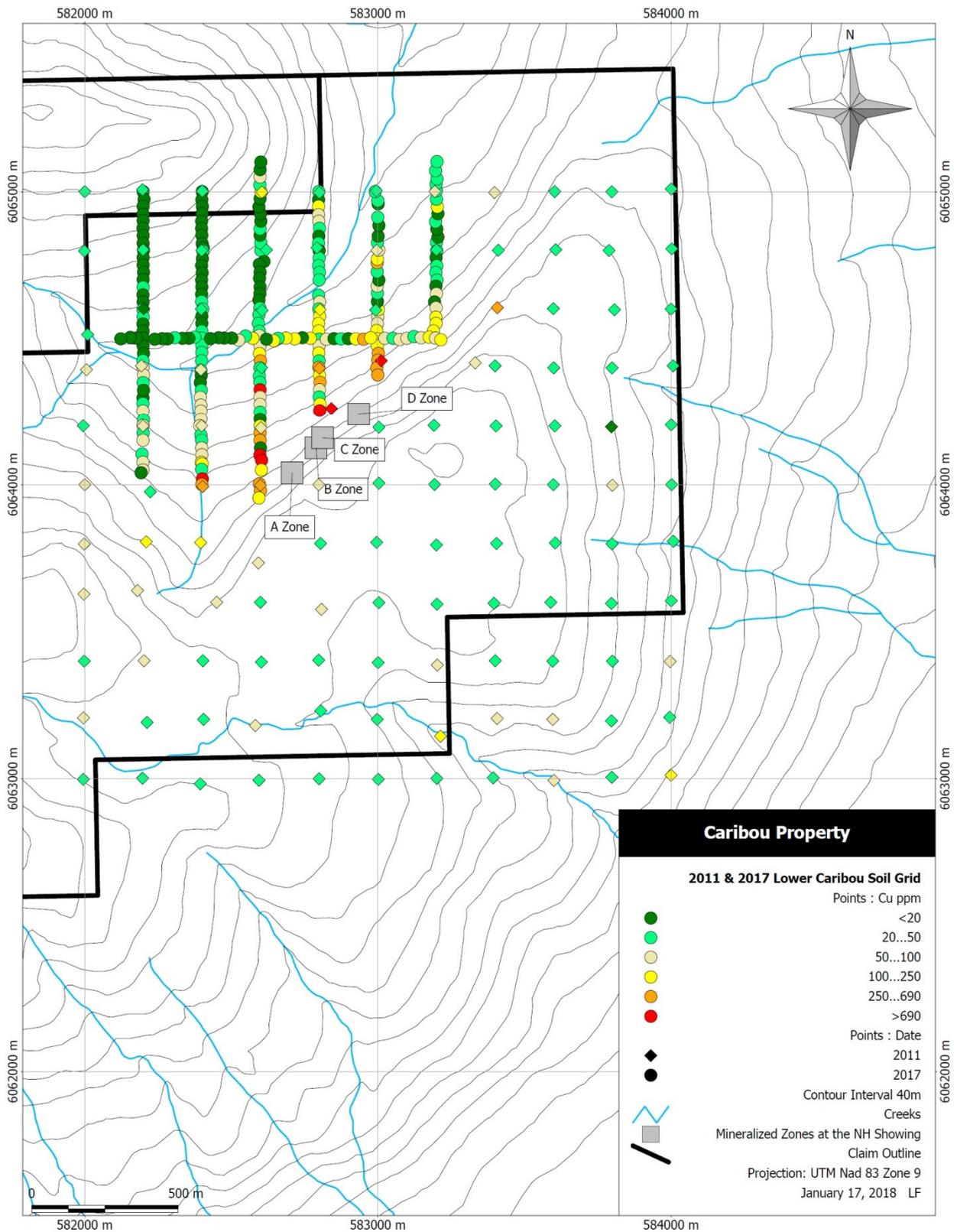


Figure 14. 2011 and 2017 Lower Soil Grid Results, Copper in soil

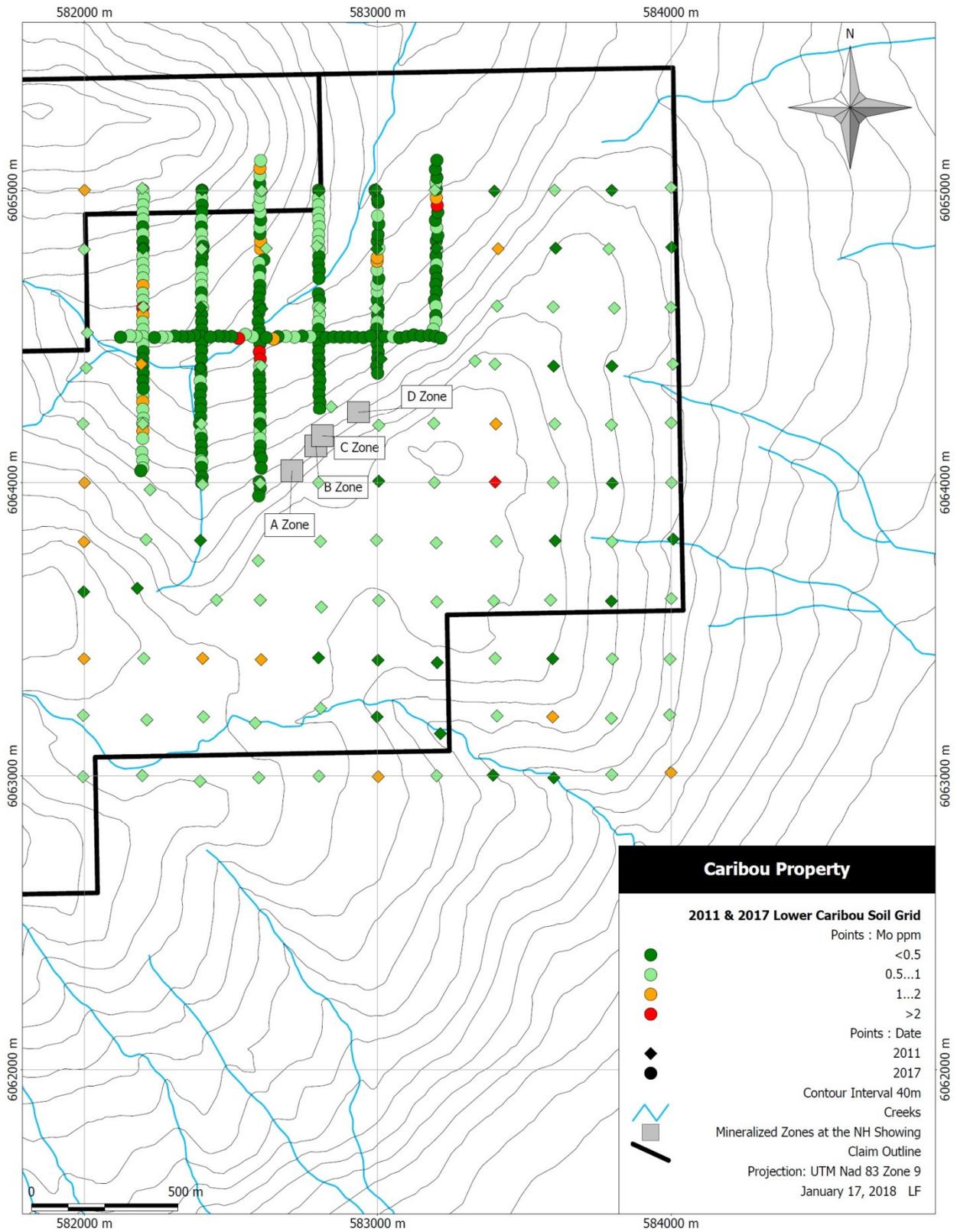


Figure 15. 2011 and 2017 Lower Soil Grid Results, Molybdenum in soil

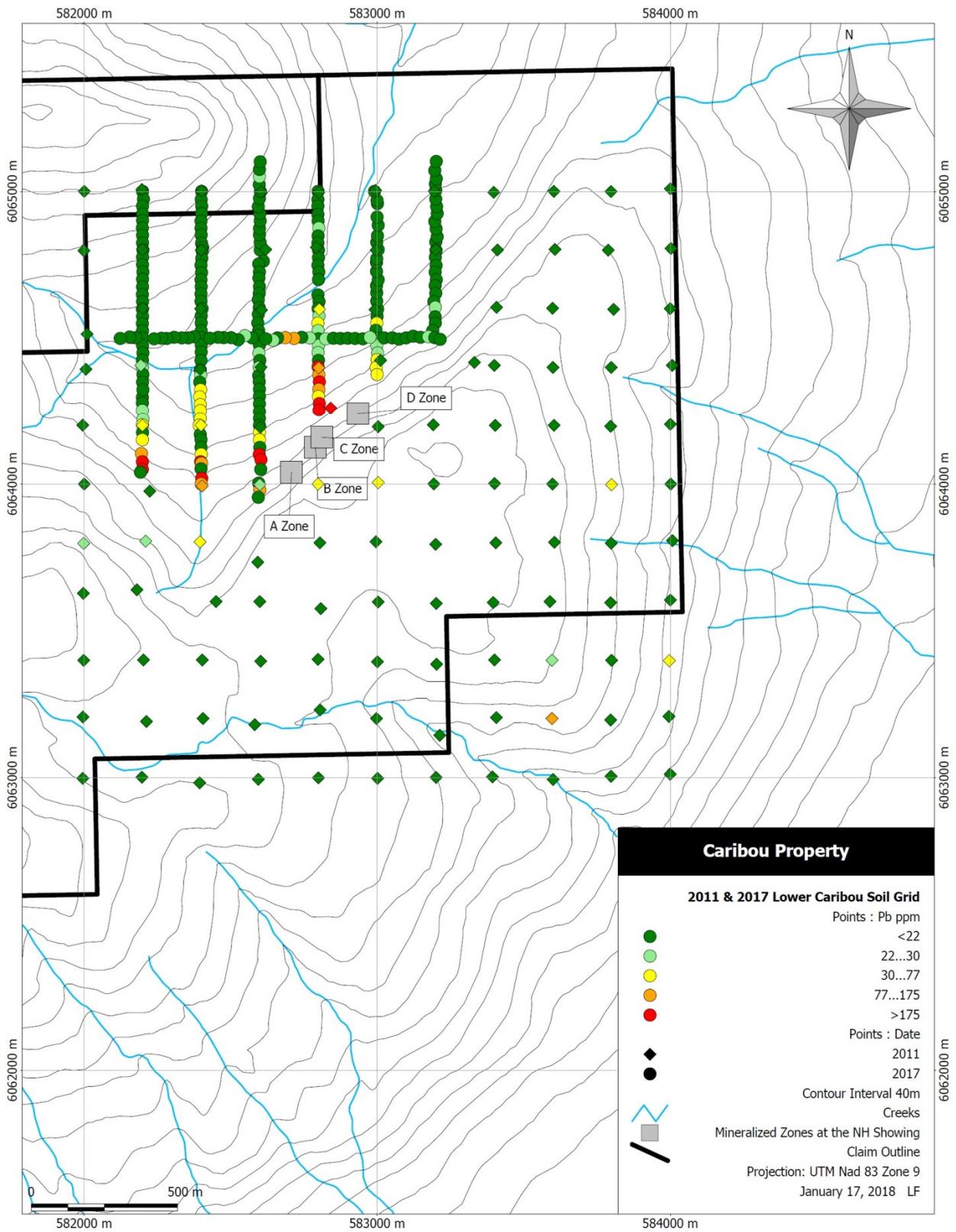


Figure 16. 2011 and 2017 Lower Soil Grid Results, Lead in soil

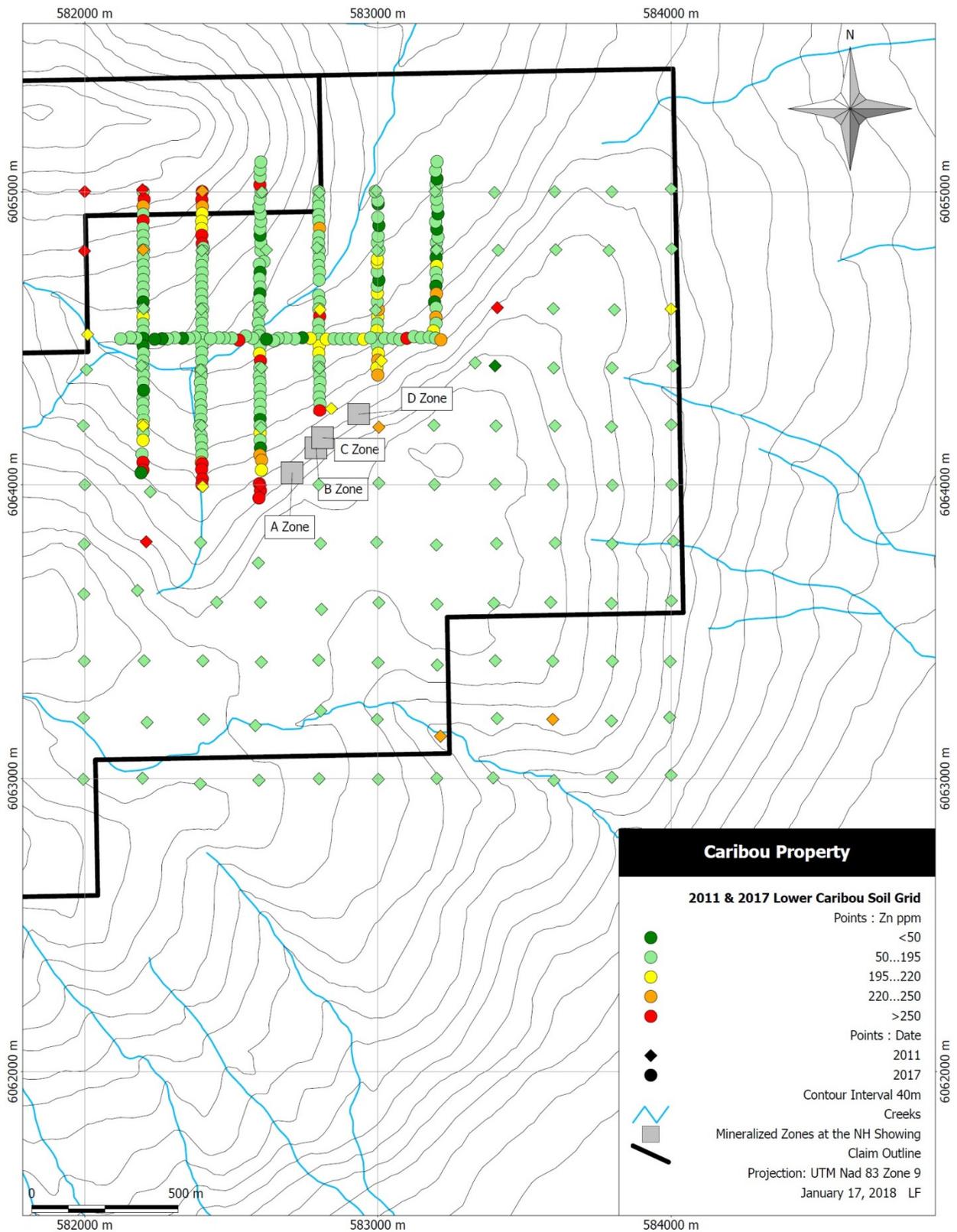


Figure 17. 2011 and 2017 Lower Soil Grid Results, Zinc in soil

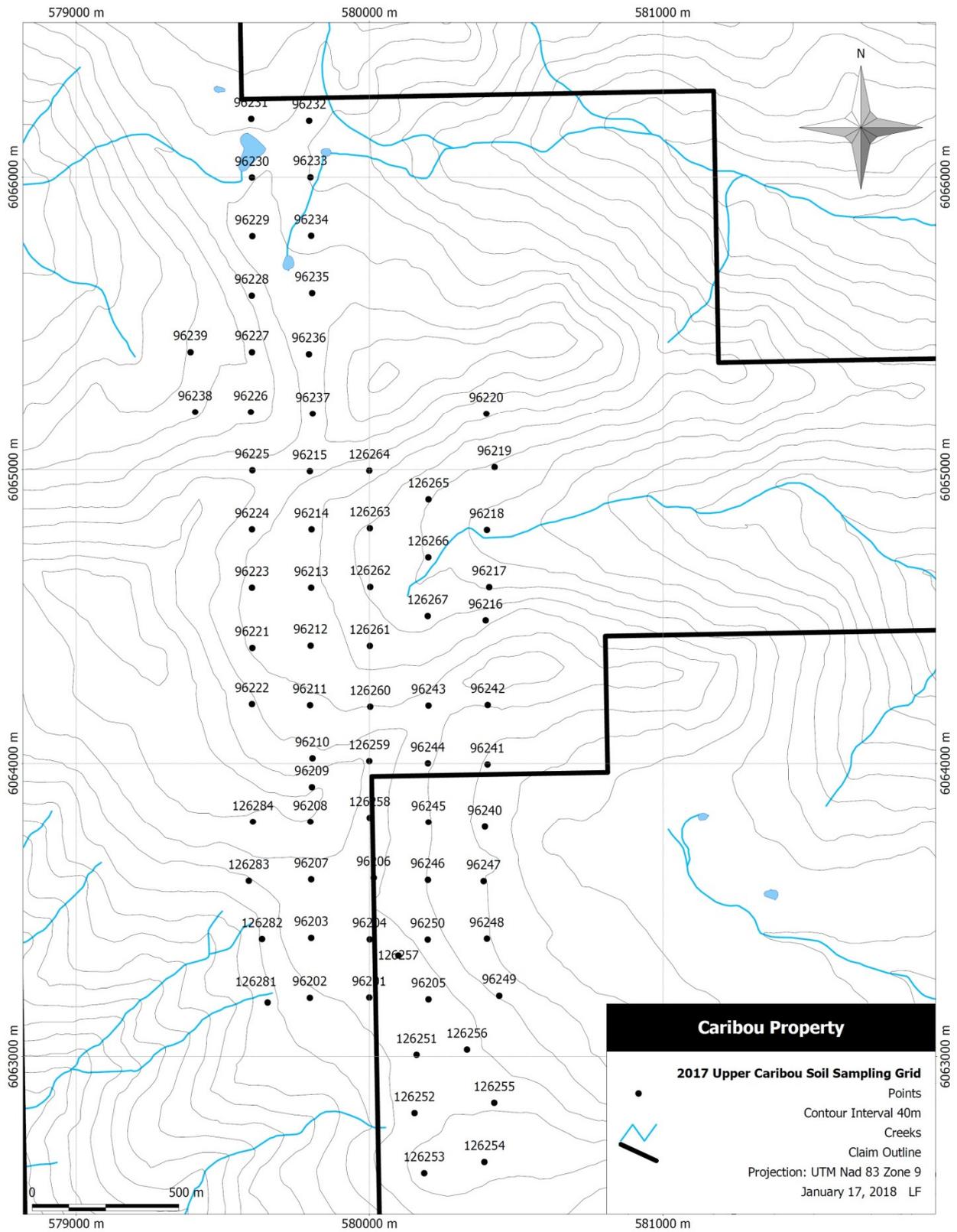


Figure 18. 2017 Upper Lower Soil Grid Sample Locations

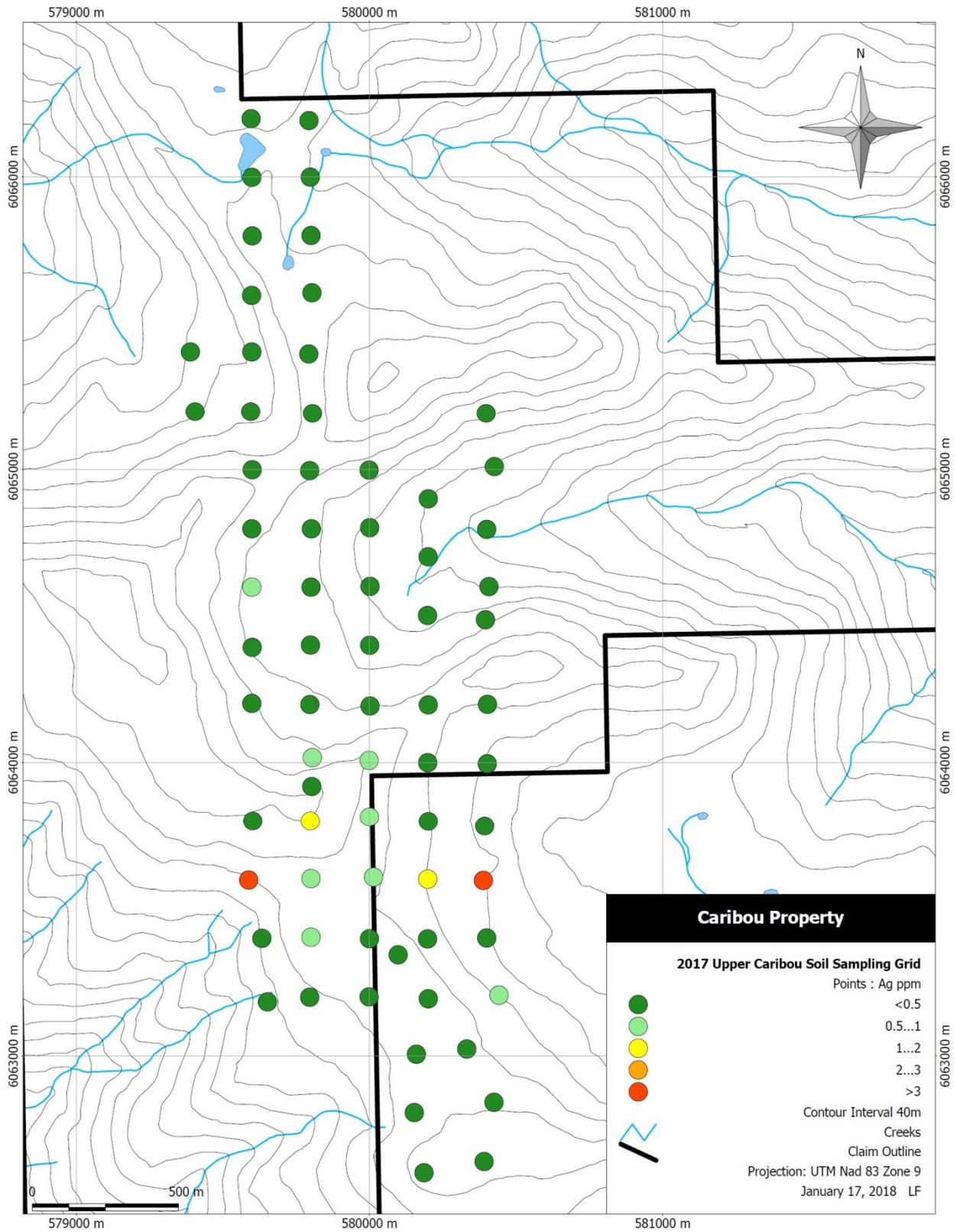


Figure 19. 2017 Upper Soil Grid Results, Silver in Soil

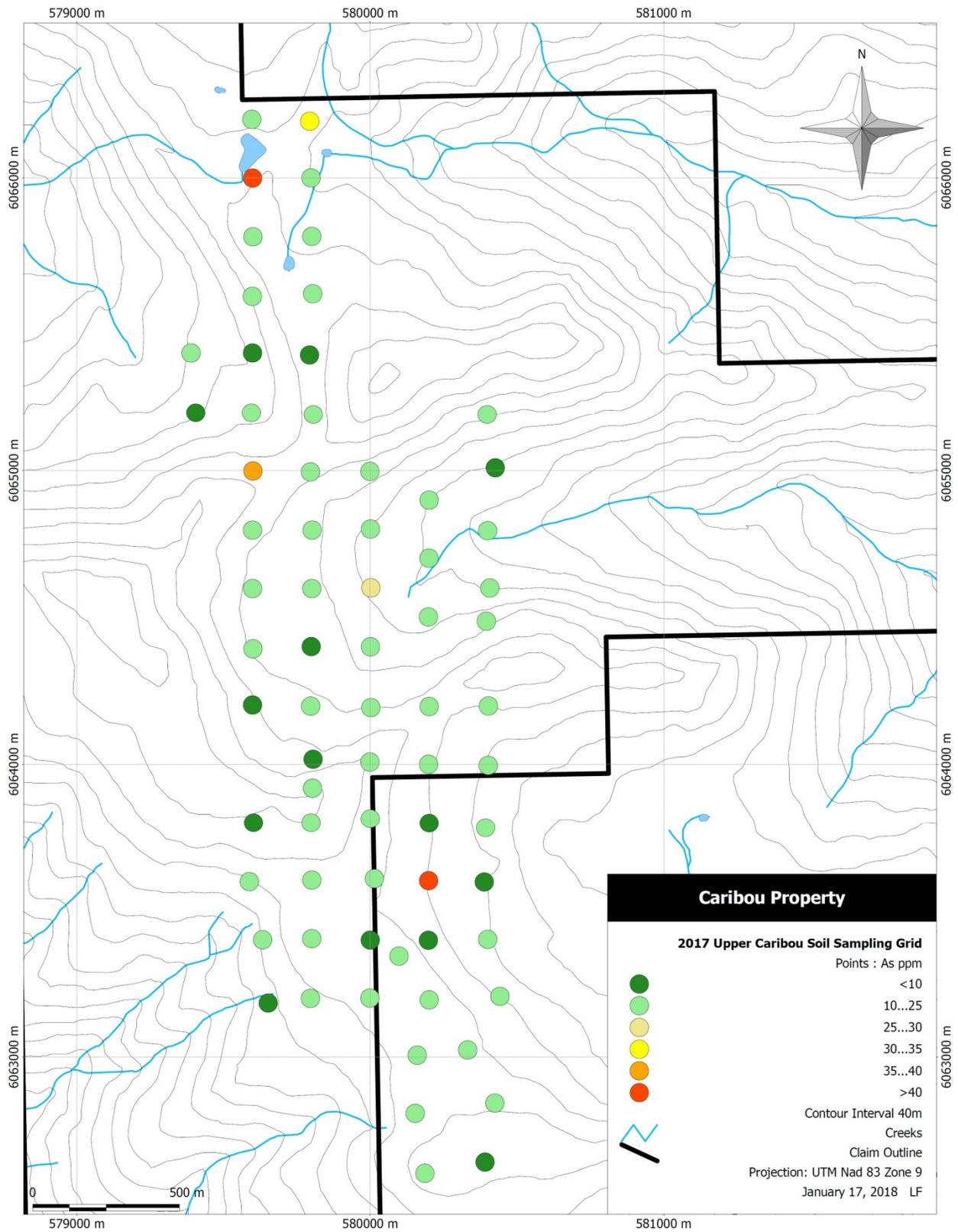


Figure 20. 2017 Upper Soil Grid Results, Arsenic in Soil

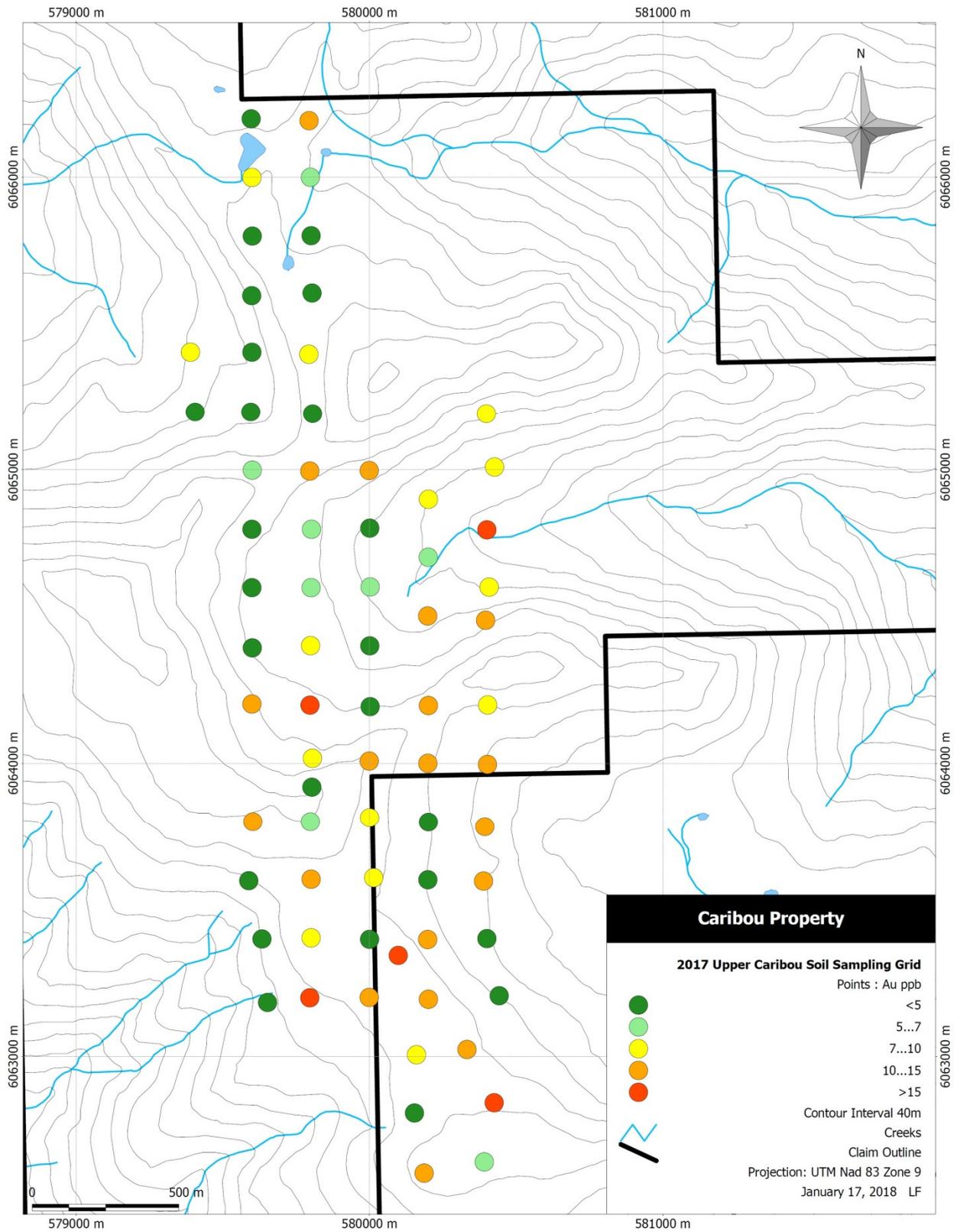


Figure 21. 2017 Upper Soil Grid Results, Gold in Soil

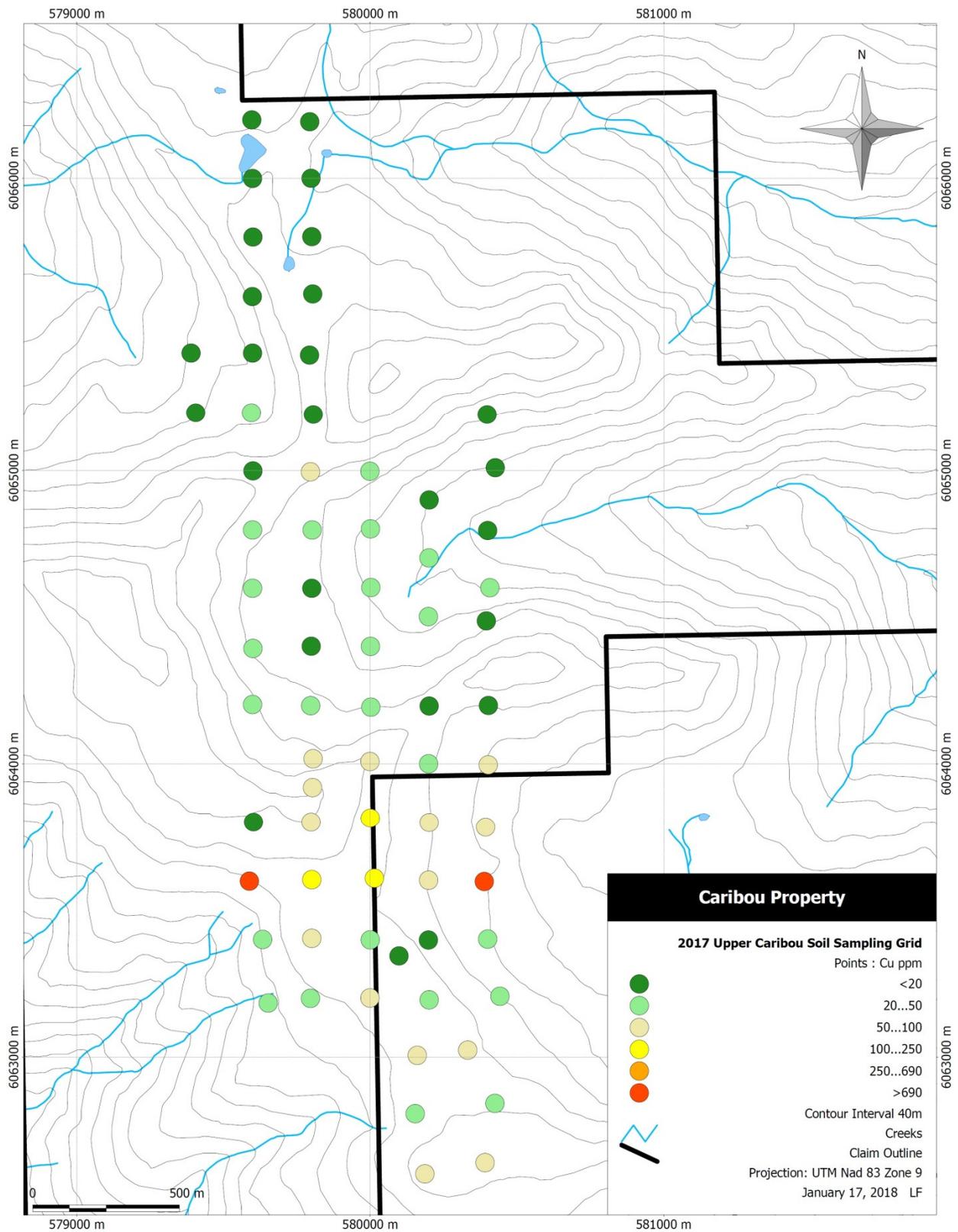


Figure 22. 2017 Upper Soil Grid Results, Copper in Soil

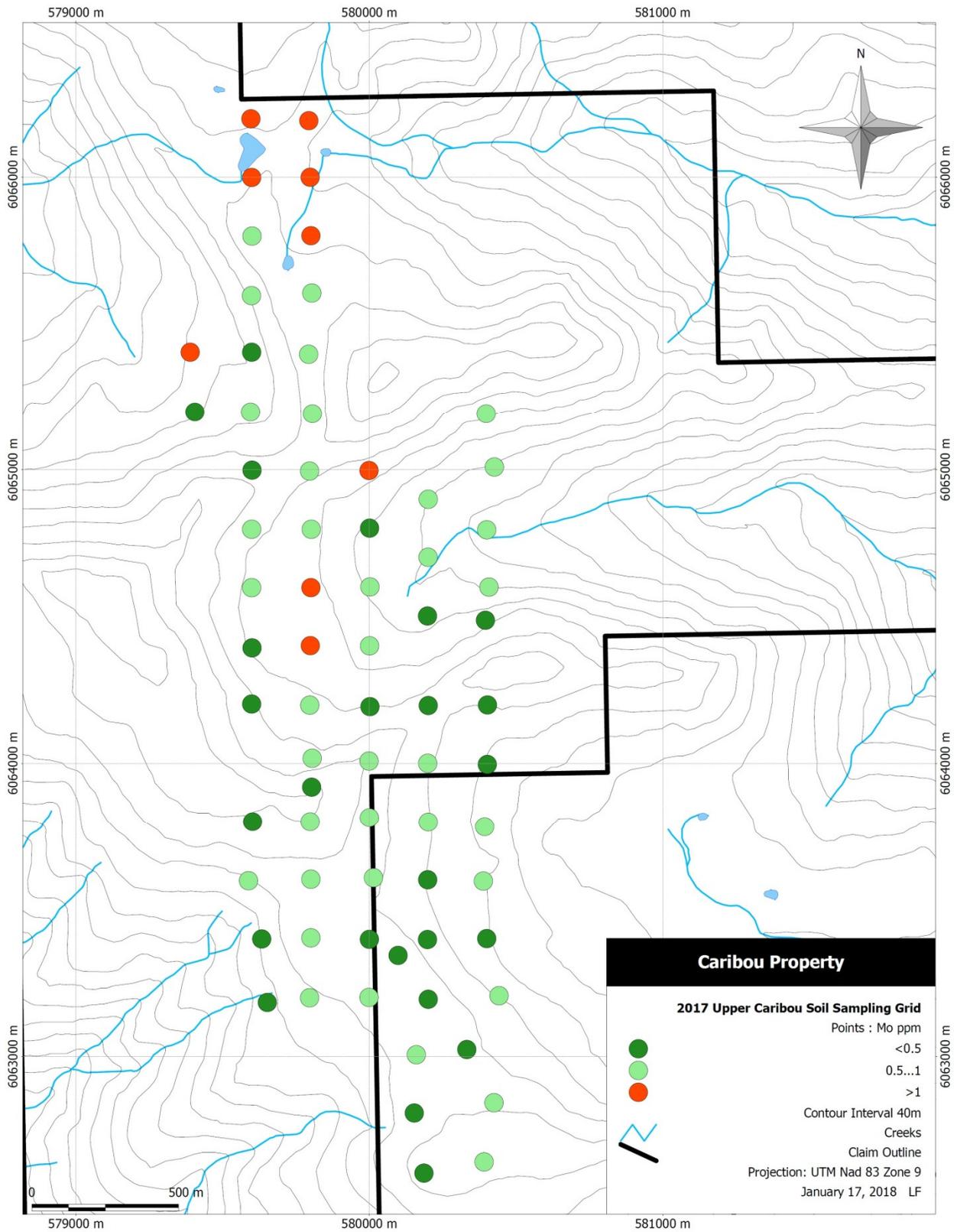


Figure 23. 2017 Upper Soil Grid Results, Molybdenum in Soil

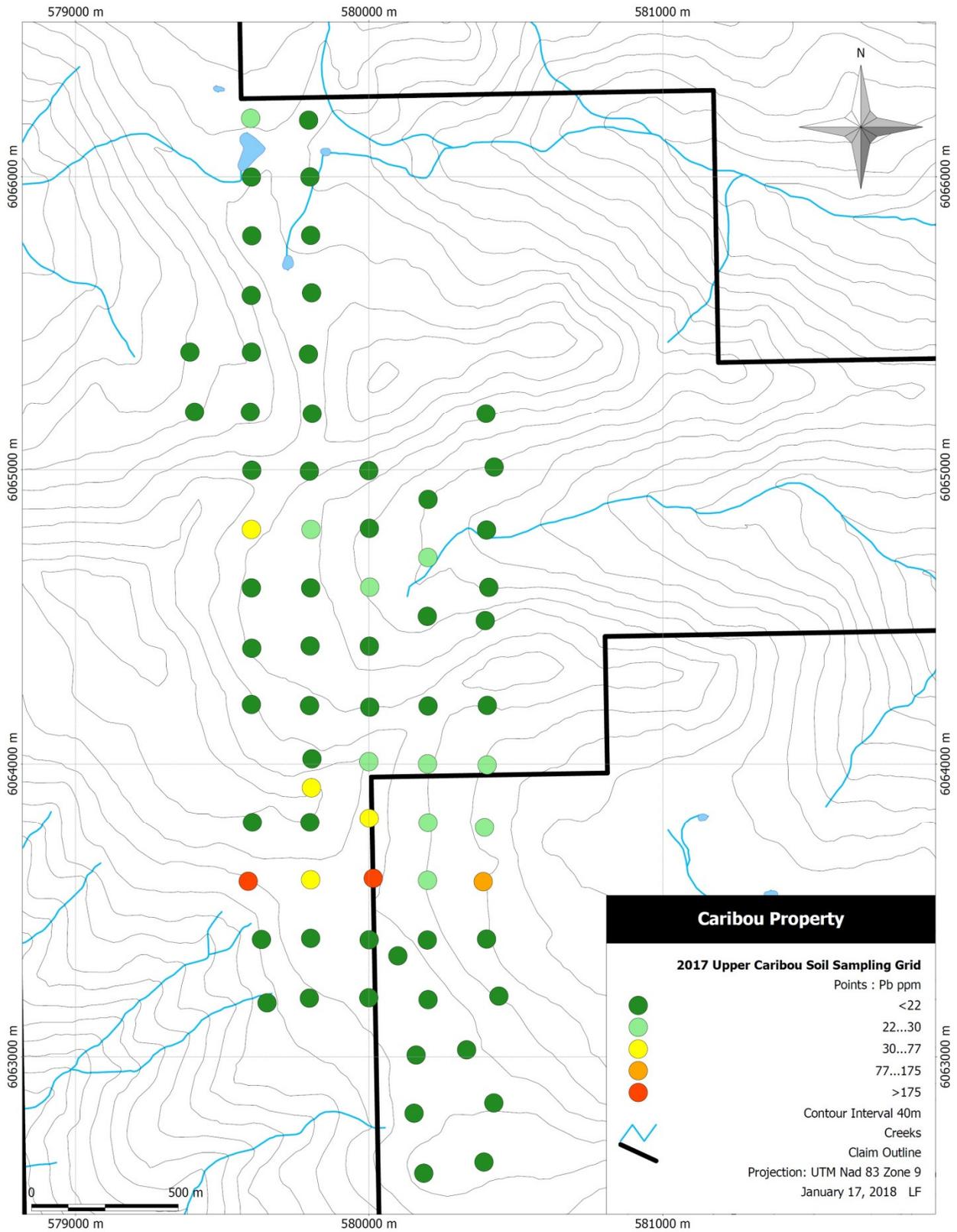


Figure 24. 2017 Upper Soil Grid Results, Lead in Soil

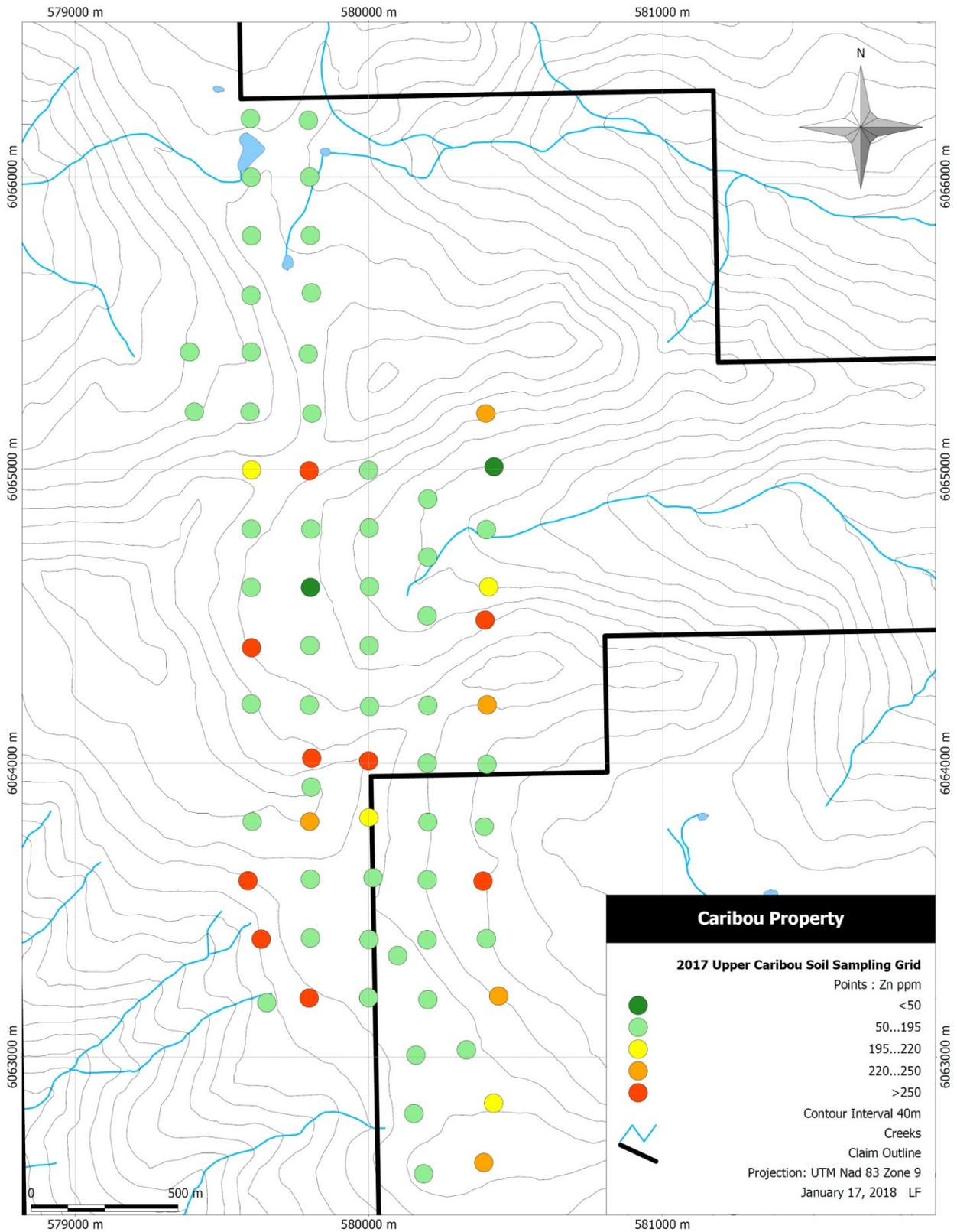


Figure 25. 2017 Upper Soil Grid Results, Zinc in Soil

9.4 Geophysics Surveys

During the 1967 exploration program, magnetometer readings were taken on stations at 15 meter spacing over three 152 meter long grid lines that covered the projection of the fault that was thought to control the A zone mineralization at the NH showing. "The magnetometer survey indicated a 200-300 gamma low trending southeasterly and substantiates both the geochemical and aerial photographs interpretation of the strike of the structure through A zone. The high calcite content could possibly explain the zone of low magnetic susceptibility over the fault." (1967, Beley)

Induced Polarization and Resistivity surveys consisting of 13 northeast trending lines with 30-60 meter electrode intervals and line spacing between 30 meters and 60 meters were completed in 1968 for Manex Mining Limited using a McPhar frequency type IP system for a total of 9,509 meters. These were completed over the A zone to trace out the extension of the fault that was thought to control the copper-silver mineralization in the showing and search for additional concentrations of metallic minerals. Results of the survey showed IP anomalies forming a zone which correlated with the known mineralization and extended to the south east; other small possible anomalies of limited extent were identified (1968, Bell) The potential extension to the mineralization was tested with DDH 3 but no results are available.

10 Drilling

The NH showing on the Caribou project was drilled in 1968 and 1972 with a total of 748.6 meters in seven drill holes. Diamond drilling potentially crossed the A zone fault zone. However, assay data available for these holes is incomplete and in a form where their reliability cannot be certain, information for the 1972 program was found in a report that was written long after the drilling occurred.

The first drill program was completed by Dome-Babine Mines Ltd in 1968 and consisted of four diamond drill holes totalling 322 m. Diamond drilling was all BQ wireline and recovery of the core was 70%. Mineralized sections had recovery that varied from 20-90% over a given 10 foot section. A few of the higher grade sections had recovery of only about 35%.

Data, including assays is incomplete for this drill program.

Diamond drill hole #1 was drilled at -50 degree dip and 220° azimuth to a depth of 65 meters. It intercepted series of purple tuffs and grey-brown tuffs and argillite or dike rock. Prospective "grey-brown tuff" projected from the A zone was intercepted towards the end of the hole from 64-65 meters and returned assays of Cu 1.97 and Ag 60.625 g/t.

Diamond drill hole #2 was drilled at -45 degree dip and 210° azimuth to a depth of 103 meters, it intercepted a series of tuffs and dykes (flows?). The A zone fault was intercepted between 27.4 – 48.8 meters and averaged 0.76% copper and 50.3 g/t silver. A second mineralized zone was intercepted between 82.3 – 97.5 meters in badly broken core which had an average of 0.61% copper and 115 g/t silver, recovery was only 33% between 88.4-91.4 meters.

Diamond drill hole #3 was drilled at -45 degree dip and 195° azimuth to a depth of 81.7 meters and was located 67m to the east of the other drill sites to test an IP anomaly.

Diamond drill hole #4 was located between DDH#1 and DDH#2 and intercepted 1.08 % Copper and 16.25 g/t silver from 61-70.1 meters including 2.48% copper and 30.9 g/t silver between 210-220 feet.

In the late fall of 1972, three holes totalling 426.72 meters were drilled. The program was terminated due to severe early winter conditions, results were inconclusive although several short copper mineralized sections were intercepted. Data is inconclusive for this program, drilling is briefly referred to in Needoba, 1973 and assay intervals and drill hole locations are present in Howard's 1987 report.

Diamond drill hole #5 was drilled at -61 dip 035° to 105.2 meters depth with 0.32% copper and 11.6 g/t silver from 57.9 to 91.4 meters.

Diamond drill hole #6 was drilled at -60 dip at 215° azimuth to 157.9 meters depth with no significant mineralization.

Diamond drill hole #7 was drilled at -50 dip at 215° to 163.7 meters, it looks as though it may have had a zone of mineralization between 60.9 to 82.3 meters but the assay numbers are difficult to read in this section of the 1987 report.

Table 6. Historic Drill Hole Locations

Year Drilled	Name	Easting	Northing	Elevation m	EOH m	Azimuth	Dip	2017 Field Check Information
1968	DDH 1	582761	6063987	1498	65.1	220	50°	Not located
1968	DDH 2	582761	6063958	1502	103.0	210	45°	Not located
1968	DDH 3	582824	6063936	1504	81.7	195	45°	Log located to the north on the lower side with a 2X4 inserted in the hole at approximately 220 azimuth -45° dip
1968	DDH 4	582763	6063968	1502	72.2	222	66°	flat cleared area with metal tag "Canadian Longyear Ltd. Smithers BC 65 FT 1/2" 18X7.0L TL FC NR R-8-2696 Wire Rope Industry"
1972	DDH 5	587235	6063910	1510	105.2	35	61°	Not located
1972	DDH 6	582734	6063908	1510	157.9	215	60°	Not located
1972	DDH 7	582799	6064002	1494	163.7	215	50°	Flattened area with old timbers which are lined up parallel and contain spikes plus metal buckets.
	Core storage	582791	6063954	1468				Small stacks of drill core in plastic and wooden core boxes

The diamond drill hole summary table is created from georeferenced historic maps and coordinates taken during site visits on October 2nd and 14th, 2017.

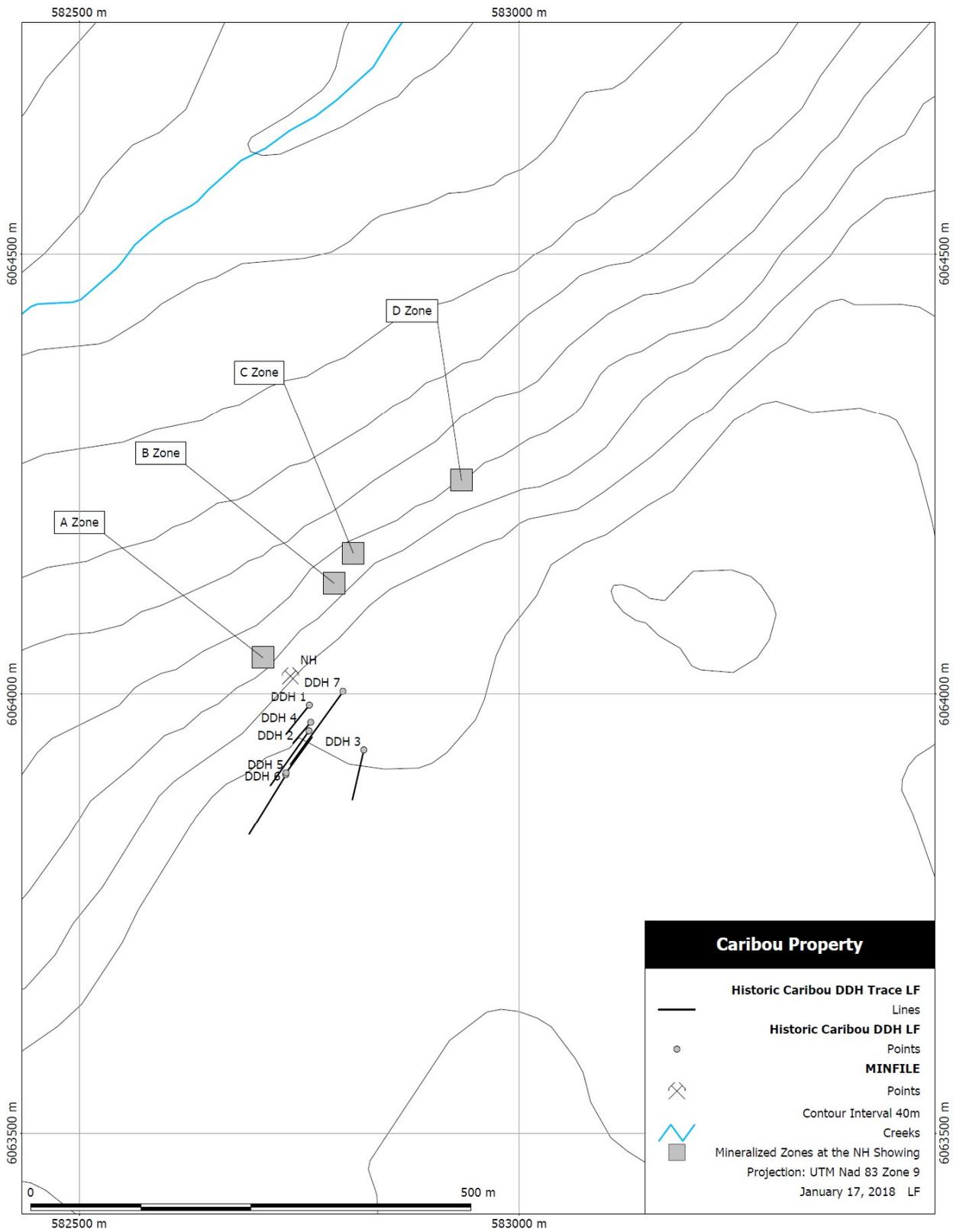


Figure 26. Locations of 1968 and 1972 Diamond Drilling at the NH Showing.



Figure 27. Stored drill core at the NH Showing

11 Sample Preparation, Analysis and Security

11.1 1967 Program

Preliminary work consisted of a reconnaissance traverse to establish areas of interest and to lay out the trenching program. Ten trenches were drilled and blasted totalling 175 linear feet. Not all trenches cross cut the structure as trenching location and direction is frequently determined by the terrain. Soil samples were collected at 50 foot spacing over three grid lines 500 feet long.

11.2 1968 Program

Soil sampling was completed on a 100 foot square grid and analyzed for copper, lead and zinc.

Diamond drilling was BQ Wireline, with 322m in 4 holes, recovery was generally poor. Comparisons of assays in core vs sludge were done. No sample preparation, analysis or security information is available.

11.3 1973 Program

21,000 feet of chained line was run at 102° on lines spaced 400 feet apart on the AB claims. Stations were flagged every 200 feet; 60 soil samples were taken from a depth of 6-12 inches using a soil auger,

placed in Kraft sample envelopes which were numbered with the corresponding grid location. Samples were forwarded to Core Laboratories Ltd., in Vancouver for analysis of copper and silver. After drying in an electric oven, the soil was screened and the -80 mesh fraction was digested in hot perchloric-nitric acid mixture. Quantitative analysis was performed by atomic absorption method and reported in parts per million (ppm).

The reader is cautioned that the AB showing does not lie within the current claim boundary.

11.4 2011 Program

Between August 6th and August 15th, 2011, two people employed by UTM Exploration Services collected 120 B-Horizon samples. Samples were at 200m intervals on lines spaced 200m apart with a manual soil auger from depths between 15cm to 50cm. Samples were collected in Kraft sample bags and uniquely labeled by the last four numbers of the UTM coordinate. Locations of samples were recorded along with: soil horizon, soil composition, soil color, visual comments. Locations were determined using a Garmin CSx handheld GPS unit.

17 grab samples of rocks were also collected in 12X20 poly bags and labeled using the sample tag number assigned to the sample. A sample tag matching the written number on the outside of the bag was placed in the sample bag and tied off using a tie strap, UTM coordinates collected by GPS and sent off for analysis.

The following is the described “Sample Preparation, Analysis and Security” section (Ledwon et al, 2011):

“All samples were transported directly to the laboratory by UTM personnel. All soil samples were prepped at the Terrace, B.C. AGAT facility and then the pulps were transported to the Mississauga, Ontario laboratory for full analysis. Soils were analyzed using an ICP/ICP-MS method with all gold values reported in PPB while all other elements were recorded in Parts Per Million (PPM) or percentage. Rock samples were analyzed using an ICP/ICP-MS method as well as fire assay ICP-OES finish with all gold values reported in PPB while all other elements were recorded in Parts Per Million or percentage. A complete description of the AGAT analytical techniques is presented in Appendix I and the certificate of analysis are attached as Appendix III. AGAT labs is an ISO-9000 certified laboratory. Samples were prepped at AGAT labs in Terrace, B.C. and assayed at AGAT labs in Mississauga, ONT using an ICP-ICP-MS for all soils and a fire assay ICP-OES finish. A complete description of AGAT analytical techniques and assay procedures is presented in Appendix II and the certificate of analysis are attached as Appendix I. AGAT Labs is an ISO- 9000 certified laboratory.”

In the author’s opinion, the sample preparation, security and analytical procedures from the 2011 program is adequate.

The reader is cautioned that some of these samples do not lay within the current claim boundaries.

11.5 2017 Program

Between October 2 to October 20, 2017 a crew of between 3-5 people consisting of Lorie Farrell with Farrell Exploration Services Inc., Tom Bell with Eagle Eye Ventures and support crew supplied by CJL Enterprises Ltd. and Northern Labour Services Ltd. (NLS) performed a prospecting and soil sampling program over the Caribou Project. A total of 319 soil samples were collected using a combination of shovel, plastic trowel and U-Dig folding trowel from depths of 3 to 41 cm. Samples were placed in Kraft sample bags, marked with unique identification numbers. This unique identification number was also placed on an aluminum tag which was left at the sample site with flagging tape. Samples which were infilling part of the 2011 soil grid were at 25m spacing on north-south oriented lines which were 200m apart. Soil samples which were taken to the west as part of a prospecting program were taken in a 200m grid. Sample locations were determined in UTM NAD 83 Zone 9 using a variety of handheld Garmin GPS units including: Garmin GPSMAP 64s, Garmin e-trex Venture HC, e-trex Legend H, e-trex Vista H. These coordinates were recorded along with sample number, sample depth, color, percentage of coarse fragments, soil horizon, environment, and notes. Samples were stored on the Author's property until being placed in poly-ore bags followed by rice bags, sealed with a "zap strap" and shipped to the Agat Laboratory branch in Terrace BC by Greyhound, where they were then shipped to Mississauga, Ontario. QA-QC reference samples were not inserted into the soil sample sequence.

During this same period, 36 rock samples were collected using an Eastwing rock hammer and were placed in a poly-ore sample bag along with a tag with a unique sample identification number, this number was also written on the bag and was linked to the sample description which contained sample coordinates, date and notes which included sample type, rock type, mineralization, alteration and other relevant information. Rock samples were stored in the Author's office until being placed in a rice bag, sealed with a "zap strap" and shipped to the AGAT Laboratory branch in Terrace BC by Greyhound, where they were then shipped to their laboratory in Mississauga, Ontario. Two CDN-CGS-27 standards (sample numbers 123569 and 126519) and two garden dolomite blanks (sample numbers 126570 and 126520) were inserted into the rock sample sequence.

At the AGAT laboratory in Mississauga ON, samples were inspected and compared to the chain of custody form that was supplied by the author and entered into the AGAT LIMS program. Soil samples were dried to 60° C and shaken on an 80 mesh screen with the plus fraction stored and the minus fraction analyzed. Rock samples were crushed to 75% passing 10 mesh (2mm) and split to 250 g using a jones riffler splitter or rotary split. Samples were then pulverized to 85% passing 200 mesh (75 microns). All equipment is cleaned using quartz and air from a compressed air source. Blanks, sample replicates, duplicates and internal reference materials are routinely used as part of AGAT Laboratories' quality assurance program. Samples were analyzed using (201-074) Aqua Regia Digest – Metals Package with an ICP/ICP-MS finish. Prepared samples are digested with aqua regia for one hour using temperature controlled hot blocks. Resulting digests are diluted with de-ionized water. Sample splits of 1g are routinely used. Solubility of elements can be dependent on the mineral species and as such, data reported from the aqua regia leach should be considered as representing only the leachable portion of a particular analysis. PerkinElmer 7300DV and 8300DV ICP-OES and Perkin Elmer Elan 9000 and NexION ICP-MS instruments are used in the analysis. Inter-Element Correction (IEC) techniques are used to correct for any spectral interferences.

Following initial assays, the 6 samples that were over the limit for Copper were analyzed by Sodium Peroxide Fusion followed by ICP-OES and ICP-MS Finish. Samples are fused with sodium peroxide and sodium hydroxide in a muffle furnace for half an hour.

The resultant cake is dissolved in dilute nitric acid and completed to 100ml with de-ionized water. Blanks, sample replicates, duplicates, and internal reference materials (both aqueous and geochemical standards) are routinely used as part of AGAT Laboratories quality assurance program.

Perkin Elmer 7300DV/8300DV ICP-OES and Perkin Elmer ELAN 9000/NexION ICP-MS instruments are used in the analysis. Inter-Element Correction (IEC) techniques are used to correct for any spectral interferences.

AGAT Laboratories has achieved an accreditation of ISO 9001:2000. The author is not aware of any relationships between AGAT Laboratories and any of the parties in the option agreement.

Standard reference material from CDN Resource Laboratories was inserted twice into the sample stream for rock samples

Table 7. 2017 QA-QC Reference Material

STD CDN-CGS-27	Au g/t	1st	2st	low limit	2sd high limit
	0.432	0.023	0.046	0.386	0.478
	Cu%	1sd	2sd	low limit	2sd high limit
	0.379	0.0075	0.015	0.364	0.394

Results of sample 123569 were within the range of two standard deviations of the anticipated results, Au assays for 126519 were outside of the lower end of the two standard deviation range of the anticipated results. Garden dolomite was used as blank material; samples were elevated more than expected in 126570, the sample prior to this is a high grade sample. Results of 126520 were as anticipated. No corrective actions were taken with these assays. Copper results for sample #126566 were not reported on the first round of results but this issue was resolved after being pointed out to the lab.

In the author's opinion, the sample preparation, security and analytical procedures from the 2017 program is adequate.

The reader is cautioned that some of these samples do not lay within the current claim boundaries.

12 Data Verification

Site visits were done during the October 2017 program between October 2nd and October 20th. As the ground was frozen, it was not safe to fully explore the cliffs containing the NH showing. Mineralized samples were collected from both outcrop and float to verify mineralization near the showings. Historic mapping that was done in 1968 at the cliffs containing the NH showing visibly correlates with cliffs that are visible from the helicopter. The areas with the drill sites were visited on October 2nd and October 14th. Three drill sites were located as well as a site with stored drill core. These coordinates correlate well with historic georeferenced maps. Possible azimuth direction and depths on a couple of the drill holes located may be off slightly from recorded information.

During the same period, soil samples were collected at 25m spacing on 200m spaced lines within parts of the 2011 soil sampling grid to infill and duplicate results from parts of this program. Sample sites in the lower soil grid were also checked for obvious potential contamination by mineralized float from the cliffs above. Mineralized boulders were located in a rock slide chute immediately below the A zone of the NH showing on line 582600E. Soil samples from this site are high in copper (767ppm). Other sample sites where mineralized float was noted, show no correlation between mineralized float being located in the sample site and an increase in soil assays. As an example, 126911 was taken from the side of a rock slide and malachite float was found mixed in the soil sample at site but it did not return significantly elevated copper assays (89 ppm).

Copper, silver, gold, arsenic results on the lower grid correlate well with 2011 results in corresponding sample sites.

Elevated copper and silver values were returned in soil and float on the upper grid over an 800m extent which is open to the east and west.

An attempt was made to locate the AB showing using coordinates from the MINFILE database during the program. Possible trenches were located but no visible mineralization. However, the locations of the showings in the MINFILE database were noticed to be incorrect in December 2017. A historic map of the AB showing from 1973 corresponds with where the incorrect NH coordinates have currently been placed in MINFILE. The correct coordinates for the AB showing have not been visited by the author.

A more recent personal inspection has not been done by the author since no work has been recorded on the property since the 2017 personal inspection. Seasonal snow would also prevent the author from obtaining any additional beneficial information from a site inspection. The author was initially engaged to author a 43-101 technical report in 2017 for a transaction on the property which was not completed. The inspections done in 2017 were considered more than adequate at that time and are still considered sufficient. This 43-101 is an update of the 2017 report which was not filed.

In the author's opinion, the data used in this report is adequate for the purposes of this report.



Figure 28. Copper mineralization as malachite in bedrock within cliffs of the NH Showing, sample # 126553

13 Mineral Processing and Metallurgical Testing

Not applicable to this report.

14 Mineral Resource Estimates

Not applicable to this report.

15 Mineral Reserve Estimates

Not applicable to this report

16 Mining Methods

Not applicable to this report

17 Recovery Methods

Not applicable to this report

18 Project Infrastructure

Not applicable to this report

19 Market Studies and Contracts

Not applicable to this report

20 Environmental Studies, Permitting, and Social or Community Impact

Not applicable to this report

21 Capital and Operating Costs

Not applicable to this report

22 Economic Analysis

Not applicable to this report

23 Adjacent Properties

There are no mineral claims immediately adjacent to the Caribou Property.

The Serb Creek developed prospect is located 8.5km south-south west of the NH zone, hosts a moly porphyry within the Eocene granitic stock of the Nanika Plutonic Suite that intrudes an Early Jurassic granodioritic stock of the Topley Plutonic Suite. These stocks are emplaced within the Lower Jurassic Telkwa Formation, Hazelton Group.

Serb Creek is associated with a multiphase stock composed of a small plug of quartz diorite porphyry, an elongate stock of porphyritic biotite granite of the oriented 5km in an east-west direction and a suite of northwest trending felsic porphyry and mafic dykes. The Eocene biotite granite of the Nanika Plutonic Suite is the main host to the molybdenum mineralization.

Low grade molybdenum mineralization is widely distributed within the biotite granite in quartz veins up to 2 cm wide, quartz stock work and fractures. Molybdenum mineralization is distributed over a zone 1,300 by 600m; higher grade material lies north of a body of quartz diorite porphyry (Main Zone) and in a northwest vein and fracture zone to the east (East Zone). The veins and veinlets contain varying amounts of quartz, pyrite, molybdenite and epidote as well as sparse galena, sphalerite and chalcopyrite. (Minfile No 093L 083)

Louise Lake is a developed porphyry prospect 15km north of the Caribou property with copper, molybdenum, gold and silver mineralization associated with intensely altered Nanika Plutonic Suite quartz monzonite feldspar porphyry. The feldspar porphyry intrusive plug, intrudes Skeena Group sediments next to a major 060 degree trending fault. Argillite, sericite and silica are the main alteration phases evident in the intrusive and grade from a highly silicified central stockwork zone. (Minfile No 093L 079)

The author has not verified the above information and the information is not necessarily indicative of the mineralization on the property that is the subject of this technical report.

24 Other Relevant Data and Information

To the author's best knowledge, all relevant data and information that is available, has been provided in the preceding text.

25 Interpretations and Conclusions

Based on literature from past programs, surrounding geologic information, proximity of good access and infrastructure and the field review of the property, the author believes that the Caribou property is a property of merit and has good potential for additional discovery of copper mineralization and other economic elements. Initial discoveries of copper and silver mineralization were found to be high grade but limited in extent. However, when combined with the results from more recent geochemical soil surveys, this mineralization may be an indicator of a larger system. Further work is needed to follow up on this and better understand the potential for additional mineralization.

Investors are cautioned that the potential to find a larger mineralized system on the Caribou project is conceptual and that the proposed program of work may not identify new sources of mineralization. In the author's opinion, the Caribou property has sufficient merit to warrant the following recommended program of exploration.

26 Recommendations

Further evaluation of the Caribou Property is recommended given the known mineralization but grassroots nature of the project. A phased approach to exploration is recommended. Phase one of the following recommended program would be done over the next two years. Recommendations for the phase one program are as follows:

- Stake additional claims to cover the AB zone to the south.
- Geochemical soil sampling grids should be completed where allowed by topography, anomalous areas should be closed off.
- Soil profile pits should be dug in anomalous soil areas below known mineralization to test the possible extent of gravitational creep.

- The location of the AB zone should be checked on the ground and silver copper soil anomaly to the north of AB should be further investigated.
- An Induced Polarization geophysics survey should be completed consisting of a minimum of five line kilometers over the NH showing and soil anomaly to the north of the NH showing.
- Additional geology and prospecting should be performed.
- Improved access from either an improved helicopter pad below the NH showing or access trail onto the property.

Phase two would consist of targeting 1,500 meters of diamond drilling based on the results of the phase one and two programs.

Table 8. Proposed Exploration Budget

Phase	Description	Estimated Cost (CAD)
Phase 1	Three week - four person crew to continue with geochemistry grids, prospecting, geology and hand trenching/soil profiling.	\$100,000
Phase 2	Induced Polarization Survey; minimum 5,000m over the NH showing extending north over the anomalous soil results. (Can be concurrent with part of phase 1)	\$60,000
Phase 3	1,500 meters of diamond drilling to test geophysics and geochemistry targets	\$370,000

The above table is for scoping purposes, quotations from suppliers have not been obtained.

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28 Certificate of Author – Dated and Signed

L. Farrell P. Geo. B.Sc. QP Certificate.

To Accompany the Report titled "National Instrument 43-101, Technical Report 2020 update on the Caribou property, Ominica Mining Division, British Columbia" dated June 21, 2020 (the "Technical Report")

I, Lorie G. P. Farrell, P. Geo., of 4547 Whistler Road, Smithers B.C. V0J 2N4, do hereby certify that:

1. I am a consulting geologist and owner of Farrell Exploration Services Inc.
2. I graduated with a Bachelor of Science degree in Geology from the University of Saskatchewan in 2002.
3. I am a member of the Association of Engineers and Geoscientists of British Columbia, (APEGBC No. 38472).
4. I have practiced my profession as an exploration geologist continuously since 2002 with the exception of the period from the summer of 2014 to the spring of 2016. I have worked as an exploration geologist in British Columbia, the Yukon and Northwest Territories, Nunavut and Saskatchewan; this has included working on a variety of copper-molybdenum, molybdenum, molybdenum-tungsten, and copper-gold porphyry deposits as well as poly-metallic vein deposits and more.
5. I am the author of the technical report titled "National Instrument 43-101, Technical Report 2020 update on the Caribou property, Ominica Mining Division, British Columbia, and am responsible for all sections of this report.
6. I planned and executed the 2017 program on the Caribou project.
7. As of the date of this certificate, to the best of my knowledge, information and belief, the technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.
8. I am independent of the issuer and Cloudbreak Discovery Corp. applying all of the tests in section 1.5 of National Instrument 43-101.
9. I have no interest in the Caribou Property.
9. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.
10. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and publication by the Owners, including electronic publication on their websites accessible by the public.

Dated this 7th Day of July, 2020

"Lorie Farrell"

Lorie Gayle Poulton Farrell P. Geo.





CLIENT NAME: MISC AGAT CLIENT ON, ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

PROJECT: Caribou

AGAT WORK ORDER: 17T280583

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Dec 18, 2017

PAGES (INCLUDING COVER): 18

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: 17T280583

PROJECT: Caribou

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<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Dec 18, 2017					SAMPLE TYPE: Other				
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	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	
96201 (8880395)	0.43	3.12	11.9	0.013	<5	266	1.02	0.13	0.74	0.18	24.4	22.7	29.8	3.47	
96202 (8880396)	0.42	2.84	13.3	0.016	<5	368	1.00	0.07	1.04	0.10	24.5	41.5	32.6	4.22	
96203 (8880397)	0.82	2.21	11.1	0.009	<5	190	0.97	0.10	0.58	0.04	22.7	20.9	37.8	4.39	
96204 (8880398)	0.22	1.50	9.4	<0.005	<5	141	0.52	0.08	0.41	0.07	18.9	16.0	22.6	1.38	
96205 (8880399)	0.34	2.46	13.8	0.010	<5	190	1.05	0.09	0.68	0.13	26.8	29.0	26.5	1.93	
96206 (8880400)	0.98	2.20	10.4	0.008	<5	177	0.83	0.09	0.42	0.26	22.7	23.6	36.5	2.45	
96207 (8880401)	0.53	2.56	11.2	0.014	<5	152	0.87	0.08	0.95	0.14	25.4	39.9	98.6	3.94	
96208 (8880402)	1.33	2.01	24.0	0.006	<5	168	1.26	0.14	0.57	0.16	56.8	44.2	14.8	2.92	
96209 (8880403)	0.36	1.88	12.7	<0.005	<5	152	1.00	0.11	0.48	0.12	71.6	26.7	20.5	2.25	
96210 (8880404)	0.62	2.84	9.7	0.008	<5	287	0.92	0.06	1.42	0.15	34.8	48.4	34.3	3.45	
96211 (8880405)	0.33	1.52	13.4	0.018	<5	40	1.46	0.13	0.67	0.24	53.6	37.6	37.8	8.63	
96212 (8880406)	0.24	2.07	9.1	0.007	<5	170	0.70	0.16	0.52	0.10	14.9	18.9	37.9	3.34	
96213 (8880407)	0.25	1.69	10.9	0.006	<5	55	0.32	0.18	0.06	0.08	14.8	7.2	15.0	2.63	
96214 (8880408)	0.19	2.06	16.6	0.006	<5	109	0.92	0.11	0.21	0.25	30.1	28.4	21.3	8.75	
96215 (8880409)	0.17	2.82	13.7	0.013	<5	329	2.35	0.05	0.54	0.12	21.4	54.2	68.8	22.8	
96216 (8880410)	0.19	3.57	19.8	0.010	<5	189	0.83	0.04	1.22	0.05	16.1	72.9	104	1.74	
96217 (8880411)	0.19	2.01	17.6	0.007	<5	125	0.94	0.07	0.75	0.09	31.8	41.3	56.0	3.74	
96218 (8880412)	0.22	2.02	14.1	0.021	<5	61	0.82	0.08	0.19	0.10	33.2	15.7	29.7	2.14	
96219 (8880413)	0.37	1.22	7.6	0.007	<5	46	0.27	0.16	0.05	0.07	9.40	4.4	14.6	0.94	
96220 (8880414)	0.44	1.03	16.9	0.009	<5	226	2.41	0.05	1.24	0.44	45.9	37.9	1.0	3.83	
96221 (8880415)	0.34	2.66	17.0	<0.005	<5	68	1.03	0.04	0.87	0.08	32.4	59.1	64.4	3.22	
96222 (8880416)	0.44	3.36	9.8	0.014	<5	79	0.62	0.03	1.39	0.09	15.7	64.4	94.8	9.38	
96223 (8880417)	0.72	2.63	16.0	<0.005	<5	116	1.49	0.17	0.31	0.12	49.7	10.5	34.0	2.68	
96224 (8880418)	0.22	2.03	10.6	<0.005	<5	88	1.51	0.08	0.33	0.31	22.0	24.1	21.9	18.3	
96225 (8880419)	0.30	1.44	35.3	0.006	<5	109	1.63	0.11	0.64	0.20	32.4	39.2	36.1	12.0	
96226 (8880420)	0.24	1.30	17.2	<0.005	<5	88	1.42	0.19	0.44	0.26	24.7	20.8	20.4	11.3	
96227 (8880421)	0.17	0.63	8.7	<0.005	<5	94	0.88	0.07	0.38	0.12	40.1	11.3	0.9	2.81	
96228 (8880422)	0.32	1.25	23.7	<0.005	<5	225	2.36	0.07	0.34	0.12	66.5	16.7	3.8	5.51	
96229 (8880423)	0.26	1.79	16.9	<0.005	<5	113	0.72	0.14	0.13	0.09	20.5	16.5	14.6	2.44	
96230 (8880424)	0.19	1.12	84.7	0.007	<5	110	0.91	0.07	0.05	0.08	36.2	8.6	8.3	3.21	
96231 (8880425)	0.22	1.65	20.6	<0.005	<5	96	1.11	0.10	0.14	0.22	23.4	12.9	20.6	3.82	
96232 (8880426)	0.20	2.04	31.6	0.013	<5	72	0.74	0.12	0.12	0.11	22.4	13.7	24.3	3.29	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280583

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Dec 18, 2017					SAMPLE TYPE: Other				
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	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	
96233 (8880427)	0.19	1.84	14.9	0.006	<5	114	0.70	0.18	0.20	0.09	35.2	12.0	15.3	3.34	
96234 (8880428)	0.18	2.11	11.4	<0.005	<5	53	1.29	0.13	0.06	0.07	53.5	12.0	7.9	3.77	
96235 (8880429)	0.24	1.86	13.1	<0.005	<5	55	0.65	0.08	0.06	0.10	19.6	9.3	4.0	3.04	
96236 (8880430)	0.30	1.72	9.6	0.007	<5	48	0.48	0.15	0.08	0.04	43.2	7.9	4.4	3.75	
96237 (8880431)	0.14	1.44	11.7	<0.005	<5	174	1.56	0.12	0.23	0.07	127	11.5	5.8	3.82	
96238 (8880432)	0.17	1.35	8.3	<0.005	<5	70	1.28	0.04	0.24	0.08	15.1	15.4	16.7	7.36	
96239 (8880433)	0.41	1.44	15.0	0.009	<5	91	0.67	0.14	0.14	0.13	13.2	9.1	28.3	3.35	
96240 (8880434)	0.31	2.00	12.4	0.012	<5	142	0.77	0.10	0.52	0.10	23.4	29.0	37.9	2.48	
96241 (8880435)	0.23	1.88	11.1	0.011	<5	208	0.78	0.08	0.56	0.11	23.9	25.5	30.6	2.21	
96242 (8880436)	0.26	3.02	20.8	0.007	<5	71	0.76	0.02	1.19	0.06	14.7	64.8	90.7	1.09	
96243 (8880437)	0.18	4.48	17.4	0.010	<5	304	0.49	0.02	1.55	0.07	14.6	83.3	82.8	5.08	
96244 (8880438)	0.33	2.44	18.5	0.011	<5	122	1.21	0.10	0.18	0.09	56.7	29.5	36.6	3.77	
96245 (8880439)	0.40	2.09	8.7	<0.005	<5	119	0.62	0.11	0.39	0.09	26.4	34.0	53.6	2.47	
96246 (8880440)	1.00	1.70	45.8	<0.005	<5	140	0.73	0.09	0.74	0.13	26.0	27.6	38.6	2.49	
96247 (8880441)	5.21	2.54	6.8	0.012	<5	103	1.05	0.05	0.86	0.24	25.4	47.9	34.1	2.77	
96248 (8880442)	0.35	1.83	10.7	<0.005	<5	144	0.62	0.09	0.42	0.12	31.2	27.2	26.1	1.95	
96249 (8880443)	0.85	1.16	13.3	<0.005	<5	249	1.21	0.06	0.89	0.26	20.7	31.7	10.6	2.71	
96250 (8880444)	0.24	0.85	4.1	0.011	<5	83	0.57	0.08	0.41	0.14	15.6	15.8	11.7	1.47	
126251 (8880445)	0.29	1.78	12.1	0.007	<5	159	1.08	0.10	0.41	0.13	29.1	26.6	19.3	2.14	
126252 (8880446)	0.24	1.12	12.4	<0.005	<5	156	0.82	0.08	0.27	0.07	22.7	18.5	10.8	1.84	
126253 (8880447)	0.20	1.71	13.7	0.010	<5	252	1.20	0.11	0.14	0.10	31.9	17.4	10.3	2.02	
126254 (8880448)	0.21	0.94	8.9	0.006	<5	378	0.91	0.09	0.15	0.09	14.2	25.3	6.7	0.93	
126255 (8880449)	0.39	1.16	10.6	0.019	<5	238	0.77	0.11	0.31	0.05	10.0	15.7	10.7	2.86	
126256 (8880450)	0.18	2.14	19.8	0.010	<5	129	0.85	0.07	0.30	0.17	45.6	26.3	22.1	2.62	
126257 (8880451)	0.49	1.11	12.9	0.019	<5	106	1.01	0.09	0.28	0.11	13.2	19.1	7.1	2.81	
126258 (8880452)	0.79	2.23	13.3	0.007	<5	110	0.81	0.12	0.40	0.12	34.4	34.0	41.0	2.59	
126259 (8880453)	0.64	3.36	18.7	0.012	<5	380	1.23	0.06	0.77	0.15	28.6	43.1	38.8	8.71	
126260 (8880454)	0.23	1.85	16.0	<0.005	<5	83	1.08	0.09	0.70	0.05	42.6	34.0	48.1	2.34	
126261 (8880455)	0.18	1.90	13.7	<0.005	<5	129	0.92	0.09	0.49	0.13	27.4	26.9	40.7	3.66	
126262 (8880456)	0.14	2.12	26.8	0.006	<5	74	1.03	0.16	0.22	0.19	55.7	20.3	18.9	4.26	
126263 (8880457)	0.19	1.45	10.7	<0.005	<5	106	1.44	0.16	0.07	0.14	13.9	14.9	17.8	15.3	
126264 (8880458)	0.24	2.57	16.4	0.011	<5	104	1.76	0.17	0.05	0.28	58.3	22.3	21.2	11.2	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280583

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017		DATE REPORTED: Dec 18, 2017		SAMPLE TYPE: Other									
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	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
126265 (8880459)	0.26	1.20	12.7	0.009	<5	75	0.78	0.17	0.18	0.09	29.7	9.8	13.5	4.62
126266 (8880460)	0.19	2.18	16.7	0.006	<5	83	1.18	0.11	0.22	0.14	41.1	25.7	23.8	3.42
126267 (8880461)	0.18	3.21	18.3	0.010	<5	82	0.93	0.04	0.73	0.04	23.9	45.8	84.9	2.52
126268 (8880462)	0.34	4.18	20.8	0.009	<5	123	0.84	0.12	0.10	0.19	21.6	21.0	33.6	3.13
126269 (8880463)	0.48	1.64	16.3	<0.005	<5	373	0.75	0.08	0.47	0.35	20.9	17.6	40.3	2.33
126270 (8880464)	0.24	0.88	5.1	<0.005	<5	80	0.15	0.12	0.10	0.03	7.95	7.0	23.2	0.78
126271 (8880465)	0.48	3.46	11.2	0.010	<5	132	0.60	0.11	0.08	0.13	11.3	15.5	33.4	1.94
126272 (8880466)	0.26	1.14	13.4	0.011	<5	80	0.35	0.07	0.15	0.13	10.1	13.0	23.0	1.42

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017		DATE REPORTED: Dec 18, 2017		SAMPLE TYPE: Other									
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:	0.5	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
96201 (8880395)	64.3	3.88	9.22	<0.05	0.35	0.08	0.065	0.09	12.9	15.1	1.10	1370	0.62	0.02
96202 (8880396)	43.4	5.39	13.3	<0.05	0.33	0.06	0.059	0.06	11.5	30.4	2.08	5570	0.57	0.02
96203 (8880397)	66.0	3.77	8.43	<0.05	0.21	0.05	0.046	0.05	12.0	17.4	1.21	1330	0.63	0.01
96204 (8880398)	38.2	3.57	5.18	<0.05	0.06	0.05	0.036	0.05	7.9	8.6	0.65	1290	0.43	0.02
96205 (8880399)	40.8	4.41	7.38	<0.05	0.07	0.05	0.059	0.08	12.5	11.7	0.92	2360	0.49	0.02
96206 (8880400)	154	4.08	8.65	<0.05	0.04	0.08	0.049	0.04	9.7	16.8	1.25	2240	0.62	0.02
96207 (8880401)	114	5.41	9.02	<0.05	0.14	<0.01	0.047	0.08	12.3	22.3	2.04	2160	0.51	0.09
96208 (8880402)	71.5	5.48	8.32	<0.05	0.25	0.13	0.094	0.10	23.7	11.7	0.88	3720	0.93	0.01
96209 (8880403)	73.1	4.16	8.94	<0.05	0.13	0.02	0.059	0.08	27.1	14.6	1.13	2490	0.41	0.01
96210 (8880404)	69.4	6.09	15.5	<0.05	0.72	0.02	0.050	0.06	14.2	36.7	2.68	5700	0.55	0.03
96211 (8880405)	42.5	5.52	7.61	<0.05	0.21	0.04	0.079	0.07	19.9	12.9	1.09	3470	0.52	<0.01
96212 (8880406)	15.3	3.99	9.91	<0.05	0.16	0.04	0.055	0.04	7.3	20.9	1.17	915	1.31	0.01
96213 (8880407)	15.0	2.68	7.34	0.05	<0.02	0.12	0.039	0.03	6.1	7.8	0.37	463	1.11	<0.01
96214 (8880408)	42.4	5.05	8.03	0.17	0.02	0.02	0.063	0.05	10.4	11.8	0.91	3070	0.75	<0.01
96215 (8880409)	52.8	5.78	11.9	<0.05	0.16	0.05	0.070	0.10	8.4	42.8	2.38	5180	0.53	<0.01
96216 (8880410)	9.7	6.11	15.8	0.09	0.34	<0.01	0.043	0.03	7.0	42.2	6.10	4700	0.45	0.02
96217 (8880411)	25.7	5.53	10.9	<0.05	0.46	0.01	0.049	0.05	13.0	23.0	2.77	3220	0.51	<0.01
96218 (8880412)	19.4	3.68	6.99	<0.05	0.34	0.06	0.053	0.02	7.6	13.8	0.94	981	0.92	<0.01
96219 (8880413)	4.1	1.69	8.27	<0.05	0.19	0.09	0.025	0.01	4.8	3.9	0.30	246	0.66	<0.01
96220 (8880414)	1.3	3.40	3.73	<0.05	0.13	0.02	0.062	0.05	18.9	5.3	0.71	5020	0.53	<0.01
96221 (8880415)	26.7	5.17	12.6	<0.05	0.57	<0.01	0.046	0.03	18.3	28.7	4.20	5240	0.40	<0.01
96222 (8880416)	23.5	5.66	11.2	<0.05	0.42	<0.01	0.033	0.04	5.6	34.2	4.04	2760	0.31	0.03
96223 (8880417)	20.6	2.99	9.58	<0.05	0.29	0.12	0.067	0.02	37.8	17.5	0.64	394	0.72	<0.01
96224 (8880418)	32.5	6.38	8.22	<0.05	0.20	0.04	0.069	0.03	8.8	12.3	0.65	2160	0.60	<0.01
96225 (8880419)	2.0	5.57	8.60	<0.05	0.09	0.01	0.094	0.05	12.6	18.8	1.42	4200	0.36	<0.01
96226 (8880420)	32.6	3.84	5.68	<0.05	0.14	0.05	0.071	0.09	13.2	12.2	0.85	1580	0.55	<0.01
96227 (8880421)	2.9	2.01	2.43	<0.05	0.07	0.02	0.051	0.06	13.3	3.2	0.23	1800	0.24	<0.01
96228 (8880422)	8.3	3.74	5.33	<0.05	0.17	0.05	0.068	0.05	44.9	5.5	0.42	3920	0.63	<0.01
96229 (8880423)	16.1	3.38	6.19	<0.05	0.08	0.01	0.046	0.04	7.8	11.5	0.56	1190	0.77	<0.01
96230 (8880424)	7.6	2.68	4.31	<0.05	0.06	0.06	0.065	0.04	9.5	5.3	0.34	1210	1.12	<0.01
96231 (8880425)	11.0	2.59	5.58	<0.05	<0.02	0.10	0.074	0.03	6.9	8.7	0.67	2120	1.01	<0.01
96232 (8880426)	10.8	3.23	8.47	<0.05	<0.02	0.03	0.067	0.03	8.1	12.3	0.89	1250	1.20	<0.01

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017		DATE REPORTED: Dec 18, 2017		SAMPLE TYPE: Other									
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:	0.5	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
96233 (8880427)	15.5	2.52	8.21	<0.05	<0.02	0.02	0.058	0.09	14.0	10.3	0.64	1230	1.35	0.01
96234 (8880428)	13.1	3.74	8.18	<0.05	0.13	0.07	0.072	0.03	17.0	8.9	0.49	2000	1.33	<0.01
96235 (8880429)	5.9	2.34	4.86	<0.05	0.11	0.05	0.046	0.02	7.6	4.3	0.34	1200	0.70	<0.01
96236 (8880430)	9.3	2.93	6.64	<0.05	0.31	0.02	0.084	0.03	14.5	5.9	0.40	1120	0.86	<0.01
96237 (8880431)	17.7	3.41	7.85	<0.05	0.12	0.01	0.103	0.03	51.7	9.2	0.68	2730	0.58	<0.01
96238 (8880432)	15.0	3.02	5.11	<0.05	0.16	0.04	0.051	0.04	8.0	12.1	0.69	1290	0.31	<0.01
96239 (8880433)	10.4	3.05	6.96	<0.05	0.20	0.10	0.044	0.03	5.6	6.9	0.57	934	1.06	<0.01
96240 (8880434)	64.2	4.33	8.41	<0.05	0.06	<0.01	0.055	0.07	10.9	16.3	1.54	1560	0.50	0.02
96241 (8880435)	97.6	4.68	8.07	<0.05	0.34	0.02	0.054	0.08	12.1	13.9	1.31	2160	0.32	0.01
96242 (8880436)	10.4	5.99	14.7	0.14	0.63	0.02	0.036	0.03	6.2	35.3	4.84	3410	0.34	<0.01
96243 (8880437)	13.5	6.79	13.7	<0.05	0.33	<0.01	0.040	0.09	6.0	44.7	5.28	4330	0.35	0.06
96244 (8880438)	42.6	4.61	9.88	<0.05	0.04	0.03	0.056	0.05	15.5	18.7	1.50	2810	0.57	<0.01
96245 (8880439)	83.4	4.69	8.50	<0.05	0.06	0.01	0.049	0.06	10.0	19.0	1.78	2220	0.72	0.03
96246 (8880440)	89.8	3.78	7.74	<0.05	0.20	0.01	0.049	0.06	11.3	22.9	1.46	1250	0.34	0.04
96247 (8880441)	1050	6.18	13.7	<0.05	0.23	0.05	0.053	0.02	11.4	22.6	1.90	6560	0.73	<0.01
96248 (8880442)	49.5	3.75	7.34	<0.05	0.03	<0.01	0.052	0.06	11.2	12.7	1.13	1810	0.44	0.02
96249 (8880443)	46.6	4.61	4.50	<0.05	0.11	0.02	0.084	0.07	8.8	9.1	0.88	3370	0.58	0.01
96250 (8880444)	19.9	2.93	3.57	<0.05	0.12	<0.01	0.110	0.05	6.4	6.3	0.55	817	0.22	0.02
126251 (8880445)	50.5	4.31	6.76	<0.05	0.06	0.04	0.071	0.07	11.7	10.7	0.79	2580	0.62	0.01
126252 (8880446)	26.1	3.61	4.13	<0.05	0.06	0.03	0.063	0.07	9.7	6.0	0.44	2220	0.44	<0.01
126253 (8880447)	69.0	3.99	4.63	0.09	0.30	0.02	0.072	0.07	11.4	5.6	0.38	2380	0.46	<0.01
126254 (8880448)	64.3	3.99	3.30	0.16	0.15	0.05	0.096	0.06	6.1	7.7	0.29	3930	0.56	<0.01
126255 (8880449)	32.9	3.43	4.10	<0.05	0.14	0.01	0.066	0.07	7.4	8.6	0.45	1300	0.51	<0.01
126256 (8880450)	52.3	4.28	7.99	<0.05	0.07	<0.01	0.057	0.04	12.0	13.6	0.93	1720	0.28	<0.01
126257 (8880451)	14.6	3.67	3.43	<0.05	0.11	0.02	0.072	0.07	6.7	6.6	0.37	2390	0.39	<0.01
126258 (8880452)	156	4.75	9.33	<0.05	0.08	0.02	0.053	0.07	14.0	20.3	1.69	2560	0.68	0.03
126259 (8880453)	68.5	5.83	15.0	<0.05	0.23	0.08	0.070	0.04	12.4	40.2	2.49	7310	0.71	0.03
126260 (8880454)	20.0	4.24	8.91	0.05	0.26	0.03	0.049	0.08	20.5	19.8	2.00	2090	0.29	0.01
126261 (8880455)	39.5	4.52	8.79	<0.05	0.06	0.02	0.048	0.05	12.3	22.9	1.54	2100	0.51	0.01
126262 (8880456)	45.1	4.27	8.38	<0.05	0.05	0.06	0.076	0.04	23.8	14.5	0.84	2510	0.89	<0.01
126263 (8880457)	20.9	3.99	5.37	<0.05	0.07	0.03	0.083	0.08	5.6	7.5	0.33	2560	0.47	<0.01
126264 (8880458)	45.9	4.74	9.29	0.11	0.13	0.07	0.156	0.04	16.3	11.6	0.59	4210	1.24	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280583

PROJECT: Caribou

5623 McADAM ROAD
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017		DATE REPORTED: Dec 18, 2017		SAMPLE TYPE: Other									
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	%
Sample ID (AGAT ID)	RDL:													
126265 (8880459)	15.7	3.44	6.62	<0.05	0.05	0.06	0.064	0.04	10.5	7.2	0.59	1010	0.53	<0.01
126266 (8880460)	30.8	4.79	8.21	<0.05	0.03	0.05	0.067	0.04	12.2	13.9	1.00	2890	0.66	<0.01
126267 (8880461)	24.0	5.31	11.2	<0.05	0.09	<0.01	0.040	0.11	8.3	27.9	3.08	2540	0.31	0.01
126268 (8880462)	27.9	6.36	14.5	<0.05	0.05	0.13	0.114	0.04	6.7	41.2	1.19	2170	1.15	<0.01
126269 (8880463)	20.5	3.52	6.78	<0.05	0.03	0.09	0.050	0.03	14.6	19.5	0.93	7220	1.23	0.01
126270 (8880464)	7.9	4.05	10.2	0.10	0.02	0.04	0.027	0.02	3.8	4.2	0.32	587	0.40	<0.01
126271 (8880465)	20.5	4.69	8.06	<0.05	0.34	0.10	0.100	0.03	4.0	18.6	0.62	475	0.71	<0.01
126272 (8880466)	11.7	3.39	6.72	<0.05	0.02	0.03	0.039	0.02	4.7	11.3	0.65	1020	0.47	<0.01

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017							DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other			
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	0.5	10	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
96201 (8880395)	1.64	24.6	1860	14.0	13.3	<0.001	0.13	0.59	19.2	1.3	0.4	65.6	0.08	0.02	
96202 (8880396)	0.98	35.1	999	10.3	7.9	<0.001	0.06	0.51	33.2	1.0	0.3	55.6	<0.01	<0.01	
96203 (8880397)	0.85	26.5	2250	10.9	10.5	<0.001	0.13	0.33	13.9	1.1	0.3	30.0	<0.01	0.03	
96204 (8880398)	0.69	16.4	1090	11.9	5.4	<0.001	0.07	0.43	8.2	0.6	0.2	45.3	<0.01	0.06	
96205 (8880399)	0.82	21.3	1070	9.2	6.5	<0.001	0.07	0.47	15.6	1.3	0.5	86.1	<0.01	0.01	
96206 (8880400)	0.70	26.3	1410	234	6.6	<0.001	0.12	0.33	11.0	0.9	0.4	32.8	<0.01	<0.01	
96207 (8880401)	0.44	58.7	802	35.2	8.4	<0.001	0.02	0.36	23.4	0.7	0.3	46.7	<0.01	0.03	
96208 (8880402)	0.87	19.3	2030	15.3	14.9	<0.001	0.08	0.41	35.0	2.0	0.3	32.2	<0.01	0.15	
96209 (8880403)	0.31	24.7	977	32.0	7.6	<0.001	0.02	0.41	22.1	1.2	0.5	29.5	<0.01	0.03	
96210 (8880404)	0.37	41.5	965	9.5	5.0	<0.001	0.02	0.25	37.8	1.0	0.4	51.0	<0.01	0.03	
96211 (8880405)	0.27	38.0	1840	8.4	8.0	<0.001	0.02	0.41	31.2	1.3	0.5	16.2	<0.01	0.04	
96212 (8880406)	1.64	23.0	2490	11.1	5.6	<0.001	0.16	0.50	9.4	0.9	0.5	37.4	<0.01	0.02	
96213 (8880407)	0.95	8.9	1360	10.4	7.8	<0.001	0.08	0.63	1.9	0.4	0.3	12.7	<0.01	0.02	
96214 (8880408)	0.70	22.4	1820	29.8	7.3	<0.001	0.02	1.52	22.1	0.8	0.3	25.4	<0.01	0.04	
96215 (8880409)	0.08	76.2	1100	6.6	14.9	<0.001	0.03	1.02	43.1	0.8	<0.2	20.3	<0.01	<0.01	
96216 (8880410)	0.64	100	813	7.4	2.5	<0.001	0.03	1.20	37.7	1.1	0.2	44.6	<0.01	<0.01	
96217 (8880411)	0.42	47.9	1000	15.9	5.2	<0.001	0.01	1.03	29.4	0.9	0.3	27.5	<0.01	<0.01	
96218 (8880412)	2.32	19.2	951	14.1	2.9	0.011	0.04	0.93	5.0	0.7	0.3	16.5	0.06	0.02	
96219 (8880413)	1.78	6.1	776	8.6	1.5	<0.001	0.05	0.58	1.2	0.3	0.6	8.4	0.06	0.02	
96220 (8880414)	0.06	5.0	1870	9.5	3.3	<0.001	0.02	1.73	23.6	0.8	0.3	16.1	<0.01	<0.01	
96221 (8880415)	0.46	80.7	932	13.6	3.0	<0.001	0.02	0.42	34.7	1.4	0.4	24.2	<0.01	<0.01	
96222 (8880416)	0.21	104	842	8.3	2.9	<0.001	0.02	0.39	28.2	0.6	<0.2	65.7	<0.01	<0.01	
96223 (8880417)	5.49	13.7	2060	13.7	4.5	0.002	0.10	0.65	10.8	3.0	1.1	20.2	0.04	0.01	
96224 (8880418)	0.57	17.4	3360	32.1	9.3	<0.001	0.09	2.29	16.8	1.0	<0.2	17.8	<0.01	<0.01	
96225 (8880419)	0.08	11.4	992	6.1	6.9	<0.001	0.01	4.21	37.5	1.1	0.3	14.0	<0.01	0.10	
96226 (8880420)	0.74	17.9	1150	13.2	12.7	<0.001	0.02	2.37	24.4	1.0	0.4	18.1	<0.01	0.02	
96227 (8880421)	<0.05	2.3	1590	6.7	4.7	<0.001	0.03	1.25	16.0	1.0	<0.2	7.8	<0.01	<0.01	
96228 (8880422)	0.11	6.3	1330	11.5	6.3	<0.001	0.03	2.07	27.2	1.6	0.3	13.2	<0.01	0.02	
96229 (8880423)	0.62	15.8	991	12.5	7.6	<0.001	0.03	0.76	7.1	0.6	<0.2	17.6	<0.01	0.03	
96230 (8880424)	0.29	8.5	483	10.0	5.9	<0.001	0.02	3.60	12.8	0.6	0.2	8.0	<0.01	0.01	
96231 (8880425)	0.60	16.7	909	24.4	5.6	<0.001	0.08	1.37	6.1	0.6	<0.2	9.4	<0.01	<0.01	
96232 (8880426)	0.68	17.2	1400	10.0	7.3	<0.001	0.05	1.60	4.4	0.7	0.3	10.6	<0.01	<0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280583

PROJECT: Caribou

5623 McADAM ROAD
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017							DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other			
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	0.5	10	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
96233 (8880427)	2.18	13.4	1480	14.7	10.1	<0.001	0.01	0.71	5.6	0.7	0.7	14.7	<0.01	<0.01	
96234 (8880428)	1.00	7.2	2350	19.2	5.9	<0.001	0.07	0.78	9.7	1.2	0.2	10.1	<0.01	0.05	
96235 (8880429)	0.26	3.1	3340	6.7	3.6	<0.001	0.10	1.53	7.4	0.3	<0.2	4.3	<0.01	<0.01	
96236 (8880430)	0.95	4.2	2040	5.7	6.3	0.003	0.03	1.35	8.0	0.8	0.9	9.5	<0.01	0.06	
96237 (8880431)	0.32	5.0	1200	6.0	3.9	<0.001	<0.01	1.97	20.5	1.2	0.9	13.3	<0.01	<0.01	
96238 (8880432)	0.28	17.0	1320	6.5	7.2	<0.001	0.05	3.26	16.9	0.8	<0.2	10.9	<0.01	<0.01	
96239 (8880433)	0.68	12.2	2730	10.3	5.8	<0.001	0.17	1.21	1.4	0.5	0.3	13.1	0.04	0.01	
96240 (8880434)	1.15	32.7	868	23.2	6.8	<0.001	0.01	0.61	19.6	0.9	0.5	38.3	<0.01	<0.01	
96241 (8880435)	0.24	27.2	915	26.3	5.7	<0.001	<0.01	0.62	26.5	0.5	0.3	37.0	<0.01	<0.01	
96242 (8880436)	0.53	86.5	782	7.4	2.5	<0.001	0.02	1.02	30.4	0.6	0.3	25.9	<0.01	<0.01	
96243 (8880437)	0.37	116	682	13.9	4.1	<0.001	0.03	0.44	24.2	0.7	0.9	200	<0.01	<0.01	
96244 (8880438)	0.52	31.8	954	25.7	9.7	<0.001	0.04	0.37	11.6	0.9	0.3	19.3	<0.01	0.04	
96245 (8880439)	0.84	43.5	738	28.7	7.0	<0.001	0.02	0.42	18.4	0.6	0.4	34.4	<0.01	0.01	
96246 (8880440)	0.68	30.5	756	29.8	6.3	<0.001	0.01	0.36	23.6	1.1	0.4	57.1	<0.01	0.02	
96247 (8880441)	0.41	40.8	959	85.9	3.0	<0.001	0.03	0.30	35.9	1.1	0.4	28.1	<0.01	<0.01	
96248 (8880442)	0.65	25.6	755	16.8	5.3	<0.001	0.02	0.46	17.4	0.7	0.4	39.9	<0.01	<0.01	
96249 (8880443)	0.47	14.3	809	10.2	5.3	<0.001	0.02	0.53	28.8	0.8	1.2	35.1	<0.01	<0.01	
96250 (8880444)	0.60	15.3	624	7.0	4.8	<0.001	0.01	0.44	23.5	0.7	1.1	22.8	<0.01	0.01	
126251 (8880445)	0.59	16.8	1060	10.4	7.5	<0.001	0.04	0.54	16.9	0.9	0.3	46.3	<0.01	<0.01	
126252 (8880446)	0.37	10.7	805	9.3	6.0	<0.001	0.03	0.45	12.8	0.9	0.6	24.7	<0.01	0.03	
126253 (8880447)	1.20	10.6	1060	9.6	9.6	<0.001	0.03	0.55	18.7	1.0	0.6	18.3	<0.01	0.05	
126254 (8880448)	0.60	12.1	756	8.6	4.3	<0.001	0.02	0.27	23.3	1.2	1.0	13.2	<0.01	0.05	
126255 (8880449)	0.92	9.7	694	8.7	8.1	<0.001	0.02	0.38	19.6	0.7	0.9	19.7	<0.01	<0.01	
126256 (8880450)	0.74	17.5	764	10.9	6.0	<0.001	0.03	0.85	17.1	0.9	0.4	28.1	<0.01	<0.01	
126257 (8880451)	0.53	7.8	971	12.3	5.4	0.014	0.02	0.55	25.0	0.6	1.4	19.6	<0.01	<0.01	
126258 (8880452)	0.74	40.6	983	32.1	8.4	<0.001	0.02	0.42	20.5	1.2	1.3	33.6	<0.01	0.03	
126259 (8880453)	0.86	36.5	1210	23.5	6.7	<0.001	0.06	0.30	39.9	1.3	0.4	42.0	<0.01	0.02	
126260 (8880454)	0.61	45.3	947	14.1	10.8	<0.001	0.03	0.51	28.6	1.1	0.4	40.6	<0.01	0.02	
126261 (8880455)	0.80	33.3	1080	15.0	6.6	<0.001	0.02	0.59	18.9	1.1	0.3	31.7	<0.01	0.04	
126262 (8880456)	1.01	16.9	1810	23.2	8.0	<0.001	0.03	0.89	12.0	1.3	0.4	17.5	<0.01	0.02	
126263 (8880457)	0.91	14.2	1260	10.2	22.0	<0.001	0.02	0.80	17.3	0.9	0.3	11.3	<0.01	0.07	
126264 (8880458)	1.22	21.3	2730	10.7	12.3	<0.001	0.06	1.48	17.3	0.9	0.7	11.4	<0.01	0.06	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280583

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017

DATE RECEIVED: Nov 06, 2017

DATE REPORTED: Dec 18, 2017

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Nb ppm 0.05	Ni ppm 0.5	P ppm 10	Pb ppm 0.1	Rb ppm 0.1	Re ppm 0.001	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 0.2	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.01	Te ppm 0.01
126265 (8880459)		0.12	7.1	2880	5.8	13.7	<0.001	0.08	2.35	2.3	0.3	0.5	12.8	<0.01	<0.01
126266 (8880460)		0.63	18.9	1560	28.9	5.5	<0.001	0.02	1.17	16.2	0.9	0.2	17.4	<0.01	0.01
126267 (8880461)		2.53	73.1	1350	11.7	4.9	<0.001	0.05	0.43	18.6	0.5	0.4	33.7	<0.01	<0.01
126268 (8880462)		2.55	20.6	1630	6.5	10.2	<0.001	0.04	0.32	10.1	0.4	0.5	17.3	<0.01	0.07
126269 (8880463)		0.70	20.8	916	9.0	6.6	<0.001	0.04	0.70	12.2	1.5	0.2	37.7	<0.01	0.02
126270 (8880464)		1.89	9.2	1110	12.0	4.4	<0.001	<0.01	0.58	4.8	<0.2	1.1	16.1	<0.01	<0.01
126271 (8880465)		1.82	19.2	1430	15.5	6.8	<0.001	0.02	0.65	11.0	0.4	0.9	17.5	<0.01	<0.01
126272 (8880466)		1.07	13.8	518	10.4	6.0	<0.001	<0.01	0.56	6.2	0.3	0.5	15.9	<0.01	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280583

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyle Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
96201 (8880395)	0.7	0.091	0.05	0.56	106	0.32	35.0	125	4.5	
96202 (8880396)	0.8	0.144	0.02	0.69	190	0.20	33.1	298	9.1	
96203 (8880397)	0.5	0.063	0.05	0.63	111	0.22	25.9	141	4.4	
96204 (8880398)	0.2	0.101	0.02	0.43	102	0.21	14.1	72.0	1.3	
96205 (8880399)	0.3	0.140	0.02	0.59	114	0.22	30.0	102	1.4	
96206 (8880400)	<0.1	0.115	0.04	0.60	140	0.19	23.2	174	0.8	
96207 (8880401)	0.8	0.144	0.02	0.71	172	0.13	28.0	191	4.8	
96208 (8880402)	1.0	0.090	0.05	0.81	129	0.25	73.1	238	6.0	
96209 (8880403)	1.1	0.096	0.02	0.55	112	0.11	36.9	153	3.6	
96210 (8880404)	1.1	0.243	<0.01	0.82	246	0.11	37.5	300	23.9	
96211 (8880405)	1.4	0.041	<0.01	0.49	90.8	0.26	42.2	116	5.4	
96212 (8880406)	0.3	0.070	0.04	1.14	107	0.15	12.6	110	3.8	
96213 (8880407)	<0.1	0.050	0.07	0.40	67.9	0.15	5.54	39.9	<0.5	
96214 (8880408)	0.3	0.081	0.05	0.54	140	0.14	25.5	141	<0.5	
96215 (8880409)	0.5	0.015	0.07	0.37	138	0.11	27.5	273	3.6	
96216 (8880410)	0.4	0.334	<0.01	0.50	177	0.20	21.7	376	15.5	
96217 (8880411)	0.9	0.189	<0.01	0.51	167	0.29	30.2	219	17.4	
96218 (8880412)	0.5	0.091	0.03	0.69	96.5	0.28	15.8	88.3	0.6	
96219 (8880413)	0.1	0.071	0.02	0.62	53.1	0.15	4.18	23.0	<0.5	
96220 (8880414)	1.7	0.011	<0.01	0.48	57.5	0.17	46.6	243	4.6	
96221 (8880415)	0.9	0.254	<0.01	0.48	149	0.16	25.9	349	23.9	
96222 (8880416)	0.6	0.220	<0.01	0.34	136	0.10	17.1	134	17.8	
96223 (8880417)	0.3	0.055	0.04	8.79	53.9	0.20	73.5	76.2	7.1	
96224 (8880418)	0.6	0.023	0.04	0.44	154	0.08	23.5	162	3.3	
96225 (8880419)	1.0	0.039	0.01	0.46	172	0.23	34.3	211	3.7	
96226 (8880420)	1.2	0.027	0.05	2.87	82.9	0.16	31.9	156	4.6	
96227 (8880421)	1.4	0.010	<0.01	0.45	40.6	0.13	23.4	77.8	1.7	
96228 (8880422)	1.1	0.015	0.02	0.88	43.2	0.13	59.4	164	5.0	
96229 (8880423)	0.5	0.049	0.05	0.42	65.7	0.15	10.1	61.2	1.8	
96230 (8880424)	0.7	0.026	0.04	0.42	37.9	0.18	11.4	64.2	1.7	
96231 (8880425)	<0.1	0.051	0.03	0.41	49.2	0.15	8.03	95.2	<0.5	
96232 (8880426)	<0.1	0.084	0.05	0.50	66.8	0.24	10.7	109	<0.5	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280583

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
96233 (8880427)	0.1	0.078	0.07	0.85	48.8	0.22	17.2	87.9	<0.5	
96234 (8880428)	1.3	0.032	0.02	0.74	57.0	0.11	24.0	66.3	2.8	
96235 (8880429)	0.9	0.013	0.02	0.78	46.4	0.14	12.4	131	2.2	
96236 (8880430)	1.2	0.029	0.06	0.47	35.4	0.30	12.2	89.9	0.8	
96237 (8880431)	1.3	0.024	0.02	0.64	43.2	0.24	43.2	146	1.7	
96238 (8880432)	1.0	0.009	0.02	0.43	70.9	0.13	19.5	132	2.0	
96239 (8880433)	0.3	0.029	0.02	0.56	84.8	0.14	7.00	66.5	<0.5	
96240 (8880434)	0.7	0.144	0.02	0.62	130	0.22	23.4	164	1.5	
96241 (8880435)	1.4	0.144	<0.01	0.49	129	0.14	25.5	153	12.1	
96242 (8880436)	0.6	0.325	<0.01	0.44	200	0.17	19.5	226	27.9	
96243 (8880437)	0.4	0.177	<0.01	0.27	151	0.07	17.9	139	14.2	
96244 (8880438)	0.2	0.093	0.04	0.58	130	0.18	28.4	164	1.2	
96245 (8880439)	0.7	0.141	0.02	0.65	151	0.16	20.2	185	2.6	
96246 (8880440)	1.0	0.155	<0.01	1.00	137	0.16	25.1	183	8.1	
96247 (8880441)	0.7	0.126	<0.01	0.62	212	0.08	41.6	332	6.2	
96248 (8880442)	0.5	0.131	0.02	0.60	121	0.21	24.3	133	1.0	
96249 (8880443)	1.2	0.062	<0.01	0.57	116	0.19	31.0	238	3.8	
96250 (8880444)	0.9	0.059	<0.01	0.38	69.6	0.11	18.7	126	5.3	
126251 (8880445)	0.4	0.096	0.02	0.56	123	0.13	32.3	126	1.2	
126252 (8880446)	0.4	0.071	0.02	0.59	96.2	0.18	30.6	132	1.1	
126253 (8880447)	1.5	0.058	0.05	0.65	83.6	0.33	34.6	112	2.9	
126254 (8880448)	1.1	0.022	0.02	0.50	94.9	0.34	31.0	227	1.4	
126255 (8880449)	0.9	0.046	0.02	0.81	95.3	0.51	31.0	202	2.1	
126256 (8880450)	0.5	0.099	0.03	0.60	131	0.14	20.8	94.0	1.0	
126257 (8880451)	0.8	0.034	0.01	0.50	69.2	0.18	27.3	130	1.6	
126258 (8880452)	0.8	0.152	0.03	0.72	142	0.16	28.0	204	2.3	
126259 (8880453)	0.6	0.177	0.03	0.65	229	0.17	47.1	285	5.6	
126260 (8880454)	0.9	0.118	0.02	0.85	130	0.15	38.9	185	6.1	
126261 (8880455)	0.4	0.115	0.01	0.67	132	0.11	29.4	144	1.6	
126262 (8880456)	0.4	0.076	0.05	0.86	101	0.35	36.0	104	0.5	
126263 (8880457)	0.5	0.024	0.12	1.09	109	0.17	16.6	148	1.3	
126264 (8880458)	0.6	0.031	0.07	0.56	86.1	0.22	23.0	179	2.7	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280583

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyle Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017

DATE RECEIVED: Nov 06, 2017

DATE REPORTED: Dec 18, 2017

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Th ppm 0.1	Ti % 0.005	Tl ppm 0.01	U ppm 0.05	V ppm 0.5	W ppm 0.05	Y ppm 0.05	Zn ppm 0.5	Zr ppm 0.5
126265 (8880459)		<0.1	0.020	0.01	0.52	59.3	0.16	9.43	126	<0.5
126266 (8880460)		0.5	0.105	0.03	0.70	124	0.20	23.0	128	0.5
126267 (8880461)		0.4	0.185	<0.01	0.49	151	0.11	18.7	150	4.2
126268 (8880462)		0.5	0.139	0.02	0.64	135	0.29	8.31	152	1.1
126269 (8880463)		0.1	0.100	0.04	0.87	137	0.17	38.6	123	<0.5
126270 (8880464)		0.4	0.163	0.02	0.33	125	0.22	2.13	35.1	1.0
126271 (8880465)		2.2	0.126	0.01	0.46	116	0.22	4.75	121	12.1
126272 (8880466)		0.7	0.108	<0.01	0.35	119	0.21	4.93	77.7	0.7

Comments: RDL - Reported Detection Limit

8880395-8880466 Au determination by this method is semi-quantitative due to small sample size.

Certified By:



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	8880395	0.426	0.424	0.5%	8880414	0.44	0.16		8880434	0.31	0.31	0.0%	8880449	0.388	0.427	9.6%
Al	8880395	3.12	3.21	2.8%	8880414	1.03	1.01	2.0%	8880434	2.00	1.96	2.0%	8880449	1.16	1.14	1.7%
As	8880395	11.9	10.7	10.6%	8880414	16.9	15.2	10.6%	8880434	12.4	10.2	19.5%	8880449	10.6	9.51	10.8%
Au	8880395	0.013	0.006		8880414	0.009	< 0.005		8880434	0.012	0.015	22.2%	8880449	0.019	0.010	
B	8880395	< 5	< 5	0.0%	8880414	< 5	< 5	0.0%	8880434	< 5	< 5	0.0%	8880449	< 5	< 5	0.0%
Ba	8880395	266	277	4.1%	8880414	226	225	0.4%	8880434	142	141	0.7%	8880449	238	233	2.1%
Be	8880395	1.02	1.04	1.9%	8880414	2.41	2.57	6.4%	8880434	0.77	0.69	11.0%	8880449	0.772	0.789	2.2%
Bi	8880395	0.13	0.12	8.0%	8880414	0.05	0.04	22.2%	8880434	0.10	0.10	0.0%	8880449	0.11	0.11	0.0%
Ca	8880395	0.74	0.76	2.7%	8880414	1.24	1.22	1.6%	8880434	0.52	0.51	1.9%	8880449	0.31	0.31	0.0%
Cd	8880395	0.18	0.11		8880414	0.44	0.46	4.4%	8880434	0.104	0.095	9.0%	8880449	0.046	0.039	16.5%
Ce	8880395	24.4	25.1	2.8%	8880414	45.9	39.5	15.0%	8880434	23.4	22.3	4.8%	8880449	10.0	9.94	0.6%
Co	8880395	22.7	22.7	0.0%	8880414	37.9	37.4	1.3%	8880434	29.0	27.7	4.6%	8880449	15.7	15.2	3.2%
Cr	8880395	29.8	30.1	1.0%	8880414	1.0	0.9	10.5%	8880434	37.9	38.6	1.8%	8880449	10.7	10.5	1.9%
Cs	8880395	3.47	3.68	5.9%	8880414	3.83	3.79	1.0%	8880434	2.48	2.39	3.7%	8880449	2.86	2.73	4.7%
Cu	8880395	64.3	49.2	26.6%	8880414	1.3	1.2	8.0%	8880434	64.2	64.4	0.3%	8880449	32.9	32.3	1.8%
Fe	8880395	3.88	3.97	2.3%	8880414	3.40	3.34	1.8%	8880434	4.33	4.24	2.1%	8880449	3.43	3.41	0.6%
Ga	8880395	9.22	9.10	1.3%	8880414	3.73	3.62	3.0%	8880434	8.41	8.15	3.1%	8880449	4.10	3.79	7.9%
Ge	8880395	< 0.05	< 0.05	0.0%	8880414	< 0.05	< 0.05	0.0%	8880434	< 0.05	< 0.05	0.0%	8880449	< 0.05	< 0.05	0.0%
Hf	8880395	0.35	0.26	29.5%	8880414	0.13	0.11	16.7%	8880434	0.055	0.049	11.5%	8880449	0.14	0.13	7.4%
Hg	8880395	0.08	0.06	28.6%	8880414	0.02	< 0.01		8880434	< 0.01	< 0.01	0.0%	8880449	0.01	< 0.01	
In	8880395	0.0654	0.0717	9.2%	8880414	0.062	0.057	8.4%	8880434	0.055	0.055	0.0%	8880449	0.066	0.063	4.7%
K	8880395	0.09	0.09	0.0%	8880414	0.05	0.05	0.0%	8880434	0.07	0.07	0.0%	8880449	0.066	0.064	3.1%
La	8880395	12.9	13.1	1.5%	8880414	18.9	17.4	8.3%	8880434	10.9	10.2	6.6%	8880449	7.36	7.14	3.0%
Li	8880395	15.1	15.6	3.3%	8880414	5.27	5.19	1.5%	8880434	16.3	16.1	1.2%	8880449	8.61	8.33	3.3%
Mg	8880395	1.10	1.13	2.7%	8880414	0.71	0.70	1.4%	8880434	1.54	1.50	2.6%	8880449	0.45	0.44	2.2%
Mn	8880395	1370	1400	2.2%	8880414	5020	4910	2.2%	8880434	1560	1540	1.3%	8880449	1300	1300	0.0%
Mo	8880395	0.62	0.55	12.0%	8880414	0.53	0.34		8880434	0.50	0.50	0.0%	8880449	0.506	0.405	22.2%
Na	8880395	0.02	0.02	0.0%	8880414	< 0.01	< 0.01	0.0%	8880434	0.02	0.02	0.0%	8880449	< 0.01	< 0.01	0.0%
Nb	8880395	1.64	1.39	16.5%	8880414	0.06	< 0.05		8880434	1.15	1.06	8.1%	8880449	0.92	0.82	11.5%
Ni	8880395	24.6	24.3	1.2%	8880414	5.0	4.9	2.0%	8880434	32.7	33.1	1.2%	8880449	9.7	9.7	0.0%
P	8880395	1860	1840	1.1%	8880414	1870	1850	1.1%	8880434	868	856	1.4%	8880449	694	693	0.1%



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

Pb	8880395	14.0	10.4	29.5%	8880414	9.5	8.7	8.8%	8880434	23.2	22.6	2.6%	8880449	8.7	8.7	0.0%
Rb	8880395	13.3	13.4	0.7%	8880414	3.3	3.2	3.1%	8880434	6.8	6.7	1.5%	8880449	8.06	7.69	4.7%
Re	8880395	< 0.001	< 0.001	0.0%	8880414	< 0.001	< 0.001	0.0%	8880434	< 0.001	< 0.001	0.0%	8880449	< 0.001	< 0.001	0.0%
S	8880395	0.13	0.13	0.0%	8880414	0.02	0.02	0.0%	8880434	0.01	0.01	0.0%	8880449	0.02	0.02	0.0%
Sb	8880395	0.588	0.533	9.8%	8880414	1.73	1.69	2.3%	8880434	0.61	0.58	5.0%	8880449	0.38	0.35	8.2%
Sc	8880395	19.2	19.4	1.0%	8880414	23.6	23.3	1.3%	8880434	19.6	19.0	3.1%	8880449	19.6	19.0	3.1%
Se	8880395	1.3	1.3	0.0%	8880414	0.8	1.4		8880434	0.9	0.4		8880449	0.7	0.9	25.0%
Sn	8880395	0.4	0.4	0.0%	8880414	0.3	< 0.2		8880434	0.5	0.5	0.0%	8880449	0.9	0.8	11.8%
Sr	8880395	65.6	64.2	2.2%	8880414	16.1	16.1	0.0%	8880434	38.3	37.8	1.3%	8880449	19.7	20.0	1.5%
Ta	8880395	0.08	0.04		8880414	< 0.01	< 0.01	0.0%	8880434	< 0.01	< 0.01	0.0%	8880449	< 0.01	< 0.01	0.0%
Te	8880395	0.02	0.03		8880414	< 0.01	< 0.01	0.0%	8880434	< 0.01	< 0.01	0.0%	8880449	< 0.01	< 0.01	0.0%
Th	8880395	0.66	0.59	11.2%	8880414	1.7	1.6	6.1%	8880434	0.7	0.7	0.0%	8880449	0.93	0.83	11.4%
Ti	8880395	0.0910	0.0926	1.7%	8880414	0.011	0.011	0.0%	8880434	0.144	0.144	0.0%	8880449	0.0456	0.0444	2.7%
Tl	8880395	0.05	0.05	0.0%	8880414	< 0.01	< 0.01	0.0%	8880434	0.02	0.02	0.0%	8880449	0.02	0.01	
U	8880395	0.561	0.616	9.3%	8880414	0.48	0.39	20.7%	8880434	0.619	0.605	2.3%	8880449	0.81	0.81	0.0%
V	8880395	106	99.9	5.9%	8880414	57.5	57.6	0.2%	8880434	130	131	0.8%	8880449	95.3	92.4	3.1%
W	8880395	0.32	0.28	13.3%	8880414	0.17	0.11		8880434	0.22	0.20	9.5%	8880449	0.51	0.45	12.5%
Y	8880395	35.0	36.0	2.8%	8880414	46.6	48.3	3.6%	8880434	23.4	21.2	9.9%	8880449	31.0	29.9	3.6%
Zn	8880395	125	117	6.6%	8880414	243	243	0.0%	8880434	164	164	0.0%	8880449	202	197	2.5%
Zr	8880395	4.48	4.19	6.7%	8880414	4.57	4.49	1.8%	8880434	1.5	1.4	6.9%	8880449	2.1	2.1	0.0%



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

	CRM #1 (ref.CDN-ME-1304)				CRM #2 (ref.ME-1304)				CRM #3 (ref.CDN-ME-1303)				CRM #4 (ref.ME-1303)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag					34	34	101%	90% - 110%					152	145	96%	90% - 110%
Cu	2680	2750	103%	90% - 110%					3440	3431	100%	90% - 110%				
Pb					2580	2618	101%	90% - 110%					12200	12300	101%	90% - 110%
Zn	2200	2216	101%	90% - 110%					9310	9003	97%	90% - 110%				
	CRM #5 (ref.CDN-ME-1206)				CRM #6 (ref.ME-1304)				CRM #7 (ref.CDN-ME-1304)				CRM #8 (ref.CDN-ME-1206)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag					34	34	100%	90% - 110%								
Cu	7900	7497	95%	90% - 110%					2680	2725	102%	90% - 110%	7900	7557	96%	90% - 110%
Pb					2580	2696	105%	90% - 110%								
Zn	23800	21580	90%	90% - 110%					2200	2172	99%	90% - 110%	23800	21817	91%	90% - 110%



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 17T280583

PROJECT: Caribou

ATTENTION TO: Kyler Hardy;Lorie Farrell

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12018		ICP-MS
Al	MIN-200-12018		ICP/OES
As	MIN-200-12018		ICP-MS
Au	MIN-200-12018		ICP-MS
B	MIN-200-12018		ICP/OES
Ba	MIN-200-12018		ICP-MS
Be	MIN-200-12018		ICP-MS
Bi	MIN-200-12018		ICP-MS
Ca	MIN-200-12018		ICP/OES
Cd	MIN-200-12018		ICP-MS
Ce	MIN-200-12018		ICP-MS
Co	MIN-200-12018		ICP-MS
Cr	MIN-200-12018		ICP/OES
Cs	MIN-200-12018		ICP-MS
Cu	MIN-200-12018		ICP-MS
Fe	MIN-200-12018		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-200-12018		ICP/OES
La	MIN-200-12018		ICP-MS
Li	MIN-200-12018		ICP-MS
Mg	MIN-200-12018		ICP/OES
Mn	MIN-200-12018		ICP/OES
Mo	MIN-200-12018		ICP-MS
Na	MIN-200-12018		ICP/OES
Nb	MIN-200-12018		ICP-MS
Ni	MIN-200-12018		ICP-MS
P	MIN-200-12018		ICP/OES
Pb	MIN-200-12018		ICP-MS
Rb	MIN-200-12018		ICP-MS
Re	MIN-200-12018		ICP-MS
S	MIN-200-12018		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-200-12018		ICP/OES
Tl	MIN-200-12018		ICP-MS
U	MIN-200-12018		ICP-MS
V	MIN-200-12018		ICP/OES
W	MIN-200-12018		ICP-MS
Y	MIN-200-12018		ICP-MS



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 17T280583

PROJECT: Caribou

ATTENTION TO: Kyler Hardy;Lorie Farrell

SAMPLING SITE:

SAMPLED BY:

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



CLIENT NAME: MISC AGAT CLIENT ON, ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

PROJECT: Caribou

AGAT WORK ORDER: 17T280587

SOLID ANALYSIS REVIEWED BY: Adel Mina, Mining Chief Chemist

DATE REPORTED: Dec 18, 2017

PAGES (INCLUDING COVER): 18

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: 17T280587

PROJECT: Caribou

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<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Dec 18, 2017					SAMPLE TYPE: Other				
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	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	
126273 (8880927)	0.39	2.27	19.9	0.025	<5	93	0.36	0.11	0.10	0.12	8.06	10.2	36.7	1.43	
126274 (8880928)	0.27	0.87	10.9	0.010	<5	58	0.10	0.11	0.10	0.05	6.04	5.1	26.4	0.53	
126275 (8880929)	0.28	2.60	9.6	0.007	<5	109	0.21	0.12	0.19	0.07	7.99	18.1	62.9	2.24	
126276 (8880930)	0.24	3.21	19.6	<0.005	<5	82	0.24	0.12	0.32	0.08	7.08	33.8	102	7.34	
126277 (8880931)	0.34	2.97	12.4	0.009	<5	48	0.29	0.06	0.69	0.08	7.00	39.4	117	0.85	
126278 (8880932)	0.67	1.20	5.0	<0.005	<5	73	0.20	0.13	0.19	0.10	7.63	11.3	64.8	0.72	
126279 (8880933)	0.22	3.74	11.0	0.027	<5	104	0.36	0.09	0.25	0.10	7.30	15.1	50.9	2.60	
126280 (8880934)	0.13	2.07	14.7	<0.005	<5	59	0.18	0.09	0.21	0.08	7.81	13.5	61.9	1.09	
126281 (8880935)	0.36	1.85	9.8	<0.005	<5	169	0.77	0.08	0.67	0.11	19.4	20.4	24.1	1.59	
126282 (8880936)	0.42	2.19	12.7	<0.005	<5	173	1.15	0.08	0.60	0.17	29.5	35.2	40.5	3.52	
126283 (8880937)	9.02	3.38	11.9	<0.005	<5	199	0.82	0.11	1.21	0.58	18.6	41.6	68.0	2.63	
126284 (8880938)	0.23	0.53	8.7	0.010	<5	78	0.57	0.11	0.13	0.04	27.9	5.8	4.1	1.77	
126301 (8880939)	0.37	1.67	24.9	0.010	<5	178	0.58	0.07	1.07	0.08	19.8	10.9	36.2	2.10	
126302 (8880940)	0.16	1.34	12.9	<0.005	<5	84	0.28	0.07	0.19	0.10	6.83	7.8	24.0	1.04	
126303 (8880941)	0.39	2.12	54.1	0.005	<5	642	1.33	0.08	1.04	0.49	14.2	17.6	86.8	3.28	
126304 (8880942)	0.41	2.22	25.8	<0.005	<5	132	0.29	0.08	0.20	0.23	9.82	14.9	58.4	1.07	
126305 (8880943)	0.48	3.08	14.3	<0.005	<5	111	0.43	0.07	0.15	0.12	9.37	18.1	63.0	2.85	
126306 (8880944)	0.40	2.95	55.6	0.007	<5	297	0.90	0.14	0.54	0.27	22.2	19.4	69.3	4.45	
126307 (8880945)	0.25	2.80	15.5	<0.005	<5	74	0.36	0.09	0.10	0.11	11.1	6.5	36.6	1.46	
126308 (8880946)	1.57	3.68	37.4	<0.005	<5	262	1.26	0.09	0.73	0.18	25.4	12.0	47.8	2.68	
126309 (8880947)	0.17	5.69	10.7	0.006	<5	96	0.44	0.06	0.13	0.10	7.70	6.9	41.6	1.05	
126310 (8880948)	0.32	1.06	9.8	0.009	<5	174	0.52	0.06	0.53	0.10	17.0	12.6	18.6	1.14	
126311 (8880949)	0.14	2.35	7.8	<0.005	<5	177	0.46	0.10	0.14	0.07	10.8	14.8	25.1	1.93	
126312 (8880950)	0.15	1.36	9.0	<0.005	<5	155	0.51	0.07	0.42	0.08	12.9	11.4	17.7	1.61	
126313 (8880951)	0.18	1.37	12.2	<0.005	<5	182	0.45	0.06	0.66	0.09	11.5	17.4	23.2	1.73	
126314 (8880952)	0.32	1.62	10.6	<0.005	<5	159	0.38	0.07	0.34	0.10	11.1	12.3	18.5	1.79	
126315 (8880953)	0.20	2.44	8.4	<0.005	<5	180	0.60	0.07	0.51	0.13	24.0	16.4	26.6	1.93	
126316 (8880954)	1.13	2.12	6.6	<0.005	<5	147	0.28	0.09	0.24	0.13	9.14	22.6	28.8	2.25	
126317 (8880955)	1.40	2.17	7.9	<0.005	<5	127	0.58	0.08	0.52	0.14	14.5	20.7	41.6	2.48	
126318 (8880956)	1.51	1.93	16.4	<0.005	<5	203	0.88	0.09	0.82	0.22	16.9	19.5	38.3	3.60	
126319 (8880957)	0.17	3.67	16.5	<0.005	<5	83	0.59	0.05	0.76	0.05	12.3	47.1	101	0.70	
126320 (8880958)	0.25	2.53	14.3	<0.005	<5	353	0.37	0.08	0.41	0.03	9.23	32.1	74.0	1.18	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280587

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017		DATE REPORTED: Dec 18, 2017		SAMPLE TYPE: Other									
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	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
126321 (8880959)	0.10	1.87	10.8	<0.005	<5	110	0.21	0.10	0.31	0.04	8.17	22.1	79.1	0.89
126322 (8880960)	0.24	3.00	41.0	<0.005	<5	75	0.39	0.09	0.43	0.06	12.7	20.7	76.8	1.19
126323 (8880961)	0.32	2.76	14.1	<0.005	<5	81	0.41	0.08	0.44	0.08	10.5	26.4	76.6	1.47
126324 (8880962)	0.21	2.92	6.4	<0.005	<5	181	0.17	0.08	0.42	0.03	6.69	29.5	84.4	4.99
126325 (8880963)	0.14	2.57	27.7	<0.005	<5	66	0.22	0.09	0.23	0.06	7.68	24.2	72.0	1.25
126326 (8880964)	0.36	2.42	24.0	<0.005	<5	457	0.38	0.13	0.48	0.16	13.1	42.0	115	1.50
126327 (8880965)	0.25	5.79	6.8	<0.005	<5	274	0.33	0.05	0.95	0.12	6.41	30.1	41.9	2.99
126328 (8880966)	0.23	1.80	8.9	<0.005	<5	75	0.52	0.06	0.17	0.14	13.5	10.9	31.3	1.07
126329 (8880967)	0.47	1.42	12.1	<0.005	<5	67	0.34	0.07	0.42	0.06	10.8	14.5	37.4	0.84
126330 (8880968)	0.57	1.44	6.4	0.006	<5	62	0.33	0.06	0.24	0.07	9.50	11.1	32.3	1.06
126331 (8880969)	0.79	2.94	14.1	0.013	<5	155	0.34	0.09	0.11	0.13	6.45	12.0	35.0	1.41
126332 (8880970)	0.43	2.82	10.5	<0.005	<5	99	0.32	0.12	0.10	0.13	6.57	8.1	37.3	1.39
126333 (8880971)	0.61	3.59	9.6	0.060	<5	106	0.38	0.08	0.10	0.20	6.87	12.9	41.7	1.24
126334 (8880972)	0.45	1.44	10.1	<0.005	<5	94	0.17	0.07	0.16	0.08	7.93	8.2	29.4	0.94
126335 (8880973)	0.41	3.23	10.6	<0.005	<5	145	0.41	0.06	0.24	0.26	11.4	14.2	40.5	1.14
126336 (8880974)	0.33	2.10	110	<0.005	<5	1050	0.39	0.07	0.42	0.31	12.2	19.0	137	0.93
126337 (8880975)	0.42	2.85	10.4	<0.005	<5	110	0.23	0.07	0.10	0.10	6.22	9.8	29.4	1.52
126338 (8880976)	0.25	1.21	2.8	<0.005	<5	124	0.16	0.08	0.15	0.06	6.62	6.0	21.3	1.28
126339 (8880977)	0.22	2.47	13.9	<0.005	<5	157	0.54	0.06	0.58	0.12	16.7	20.9	55.5	2.10
126340 (8880978)	0.17	1.91	18.3	<0.005	<5	221	0.42	0.07	0.75	0.10	9.96	15.2	42.7	1.82
126341 (8880979)	0.54	2.38	97.6	<0.005	<5	193	0.48	0.14	0.29	0.12	9.35	10.3	68.7	1.37
126342 (8880980)	0.21	1.13	13.5	<0.005	<5	111	0.51	0.06	0.59	0.09	17.3	12.8	25.7	1.24
126343 (8880981)	0.25	1.30	13.9	0.012	<5	138	0.43	0.05	0.73	0.12	15.6	15.1	31.0	1.30
126344 (8880982)	0.24	1.47	8.2	0.011	<5	118	0.35	0.40	1.39	0.11	12.8	10.8	16.5	0.98
126345 (8880983)	0.44	0.95	7.7	<0.005	<5	60	0.10	0.10	0.08	0.03	5.52	5.3	18.2	0.69
126346 (8880984)	1.68	1.16	10.3	<0.005	<5	115	0.12	0.09	0.14	0.11	6.07	8.4	51.0	0.63
126347 (8880985)	1.22	1.60	9.9	<0.005	<5	122	0.19	0.06	0.14	0.07	6.29	11.4	28.0	0.97
126348 (8880986)	0.85	1.78	10.8	<0.005	<5	148	0.40	0.08	0.35	0.09	10.5	19.7	29.6	1.44
126349 (8880987)	0.82	1.79	14.1	<0.005	<5	104	0.25	0.07	0.17	0.06	7.59	11.4	28.4	1.25
126350 (8880988)	0.80	1.82	14.3	<0.005	<5	131	0.27	0.07	0.27	0.08	7.91	13.2	30.0	1.13
126351 (8880989)	0.38	1.15	12.6	<0.005	<5	271	1.02	0.12	0.28	0.09	14.6	17.8	8.8	2.55
126352 (8880990)	0.66	1.31	7.5	<0.005	<5	285	1.17	0.22	0.65	0.10	16.3	21.1	15.4	3.50

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280587

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017

DATE RECEIVED: Nov 06, 2017

DATE REPORTED: Dec 18, 2017

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.01	Al % 0.01	As ppm 0.1	Au ppm 0.005	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
126353 (8880991)		0.35	1.01	4.2	<0.005	<5	106	0.12	0.28	0.13	0.04	4.48	3.8	8.2	2.79
126354 (8880992)		0.74	2.99	15.2	<0.005	<5	141	0.38	0.19	0.30	0.11	6.57	24.5	31.9	1.03
126355 (8880993)		2.99	1.28	5.9	<0.005	<5	226	0.60	0.52	1.07	0.13	6.65	6.9	27.9	1.92
126356 (8880994)		0.89	0.80	1.8	<0.005	<5	78	0.11	0.15	0.07	0.02	5.08	2.3	10.1	0.72
126357 (8880995)		0.39	0.88	7.4	<0.005	<5	91	0.12	0.13	0.10	0.05	5.50	3.6	12.1	0.87
126358 (8880996)		2.92	2.55	17.2	0.009	<5	588	1.28	0.11	1.43	0.91	19.6	17.2	49.6	3.31
126359 (8880997)		1.27	2.64	10.2	<0.005	<5	395	0.82	0.14	1.32	0.48	18.6	14.9	31.5	3.48
126360 (8880998)		0.84	2.47	13.0	0.009	<5	306	0.95	0.12	0.91	0.40	25.0	18.8	28.7	2.91

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280587

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017		DATE REPORTED: Dec 18, 2017		SAMPLE TYPE: Other									
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:	0.5	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
126273 (8880927)	15.8	4.79	8.92	0.62	0.12	0.08	0.049	0.03	3.5	16.0	0.65	571	0.64	0.01
126274 (8880928)	8.7	4.41	10.5	0.78	0.05	0.08	0.019	0.02	3.3	4.6	0.38	397	0.54	0.01
126275 (8880929)	16.6	6.18	15.1	0.66	0.22	0.07	0.035	0.03	3.7	24.4	1.25	881	0.83	0.02
126276 (8880930)	142	5.99	17.3	0.43	0.19	0.07	0.044	0.07	3.4	48.0	2.74	1670	0.71	0.04
126277 (8880931)	23.8	5.59	14.4	0.32	0.10	0.03	0.038	0.01	3.3	47.1	4.83	3820	0.44	0.01
126278 (8880932)	52.8	5.91	8.39	0.54	0.04	0.06	0.020	0.02	4.2	9.5	0.86	861	0.51	0.01
126279 (8880933)	18.9	4.81	12.3	0.44	0.12	0.09	0.050	0.04	3.3	28.8	1.26	1150	1.00	0.01
126280 (8880934)	14.6	5.90	14.1	0.55	0.12	0.04	0.035	0.02	3.0	19.7	1.32	1080	0.58	0.01
126281 (8880935)	36.4	4.13	6.49	0.36	0.15	<0.01	0.040	0.09	30.5	11.4	0.98	2360	0.35	0.03
126282 (8880936)	40.1	5.02	10.8	0.46	0.13	0.02	0.056	0.10	11.0	21.0	2.13	8230	0.42	0.01
126283 (8880937)	2120	5.76	12.9	0.59	0.28	0.03	0.040	0.05	7.3	34.0	3.55	8560	0.51	0.02
126284 (8880938)	7.3	4.55	1.53	0.50	0.26	<0.01	0.025	0.19	12.2	2.1	0.13	580	0.27	0.01
126301 (8880939)	21.4	3.24	4.84	0.19	0.05	0.08	0.044	0.04	8.4	14.9	0.69	1330	0.32	0.04
126302 (8880940)	12.8	4.55	7.96	0.53	0.04	0.07	0.066	0.02	2.5	13.0	0.54	560	0.54	0.01
126303 (8880941)	229	3.90	6.65	0.29	0.10	0.12	0.055	0.04	12.5	29.6	1.08	4300	0.51	0.02
126304 (8880942)	56.2	5.39	12.7	0.55	0.03	0.10	0.052	0.04	3.0	19.8	1.18	1440	0.57	0.01
126305 (8880943)	52.4	4.80	10.2	0.51	0.03	0.15	0.057	0.04	3.3	25.6	1.64	1050	0.55	0.01
126306 (8880944)	46.4	4.42	10.7	0.45	0.03	0.10	0.063	0.05	11.1	28.0	1.18	4870	0.81	0.01
126307 (8880945)	16.6	4.82	10.2	0.68	0.17	0.09	0.055	0.02	4.7	12.9	0.35	477	0.78	0.01
126308 (8880946)	31.2	2.65	8.05	0.53	0.10	0.32	0.051	0.03	23.7	24.6	0.77	1310	0.68	0.02
126309 (8880947)	16.3	4.86	8.97	0.75	0.21	0.12	0.089	0.02	3.1	10.6	0.37	381	0.60	0.01
126310 (8880948)	28.7	3.35	3.97	0.37	0.04	0.02	0.035	0.06	7.2	7.5	0.54	1460	0.32	0.03
126311 (8880949)	29.4	4.06	7.43	0.60	0.18	0.05	0.062	0.04	4.3	15.2	0.64	744	0.41	0.01
126312 (8880950)	24.1	3.54	4.81	0.47	0.02	0.04	0.041	0.05	5.4	13.4	0.57	790	0.29	0.02
126313 (8880951)	27.0	4.06	5.77	0.35	<0.02	0.02	0.049	0.07	5.5	11.4	0.86	2000	0.36	0.02
126314 (8880952)	26.9	4.03	5.84	0.49	<0.02	0.04	0.048	0.06	5.0	11.9	0.64	881	0.33	0.02
126315 (8880953)	64.4	3.86	6.37	0.45	0.06	0.05	0.046	0.05	9.1	13.5	0.78	980	0.35	0.03
126316 (8880954)	40.5	4.40	9.31	0.51	0.07	0.07	0.053	0.04	4.0	17.5	0.90	1180	0.61	0.01
126317 (8880955)	187	4.21	11.0	0.31	0.07	0.05	0.063	0.05	6.6	22.9	1.52	2330	0.50	0.01
126318 (8880956)	241	4.21	9.78	0.34	0.14	0.11	0.066	0.06	21.4	13.6	1.06	3780	0.70	0.01
126319 (8880957)	15.1	4.16	17.4	0.46	0.13	0.02	0.045	0.02	4.9	66.3	6.92	5890	0.47	<0.01
126320 (8880958)	14.8	4.42	13.8	0.51	0.04	0.06	0.037	0.03	4.3	37.8	3.83	3960	0.54	0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280587

PROJECT: Caribou

5623 McADAM ROAD
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017		DATE REPORTED: Dec 18, 2017		SAMPLE TYPE: Other									
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:	0.5	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
126321 (8880959)	11.3	5.09	12.8	0.54	0.07	0.06	0.027	0.04	4.3	30.4	2.73	2470	0.49	<0.01
126322 (8880960)	14.0	4.67	12.3	0.34	0.31	0.05	0.044	0.03	4.4	32.6	2.31	1660	0.47	0.02
126323 (8880961)	17.7	4.60	11.5	0.35	0.15	0.03	0.038	0.02	4.0	37.6	2.69	2330	0.50	0.02
126324 (8880962)	12.0	5.13	13.0	0.52	0.03	0.03	0.023	0.03	3.1	44.7	3.25	3550	0.31	0.17
126325 (8880963)	8.8	4.28	14.2	0.28	0.03	0.02	0.032	0.02	3.8	43.9	3.34	2660	0.51	0.02
126326 (8880964)	18.8	4.76	17.6	0.50	0.13	0.12	0.062	0.03	4.3	30.4	3.04	19000	0.86	0.01
126327 (8880965)	11.0	3.66	12.3	<0.05	0.09	0.11	0.036	0.09	2.2	25.8	2.83	3530	0.38	0.26
126328 (8880966)	22.3	3.93	6.06	0.47	0.06	0.09	0.040	0.03	4.1	11.8	0.63	1650	0.47	0.01
126329 (8880967)	18.3	4.02	6.18	0.31	0.04	0.02	0.038	0.03	4.6	14.6	0.95	1350	0.41	0.02
126330 (8880968)	19.2	3.76	6.33	0.42	0.05	0.07	0.038	0.03	4.1	12.8	0.80	873	0.40	0.01
126331 (8880969)	16.5	4.59	8.90	0.53	0.06	0.14	0.053	0.03	3.3	19.3	0.66	1040	0.70	0.01
126332 (8880970)	11.1	5.80	11.5	0.61	0.08	0.07	0.060	0.02	3.4	15.9	0.44	537	0.96	0.01
126333 (8880971)	14.0	4.70	8.63	0.67	0.07	0.19	0.061	0.03	3.2	17.9	0.58	1180	0.78	0.01
126334 (8880972)	15.6	3.89	6.96	0.55	0.10	0.02	0.033	0.03	3.3	9.6	0.56	655	0.35	0.01
126335 (8880973)	26.6	4.47	7.07	0.53	0.12	0.15	0.061	0.03	3.5	16.7	0.84	1540	0.50	0.01
126336 (8880974)	29.4	4.41	8.63	0.69	<0.02	0.11	0.037	0.03	4.7	22.7	0.76	16900	0.76	0.02
126337 (8880975)	19.3	4.81	9.25	0.67	0.04	0.09	0.056	0.03	2.9	15.0	0.64	779	0.47	0.01
126338 (8880976)	11.3	3.47	8.72	0.64	0.03	0.02	0.029	0.03	3.2	11.2	0.46	531	0.32	0.01
126339 (8880977)	31.5	4.56	9.06	0.29	0.04	0.01	0.044	0.04	5.9	29.6	1.80	1790	0.34	0.03
126340 (8880978)	27.6	4.12	8.12	0.25	0.02	0.03	0.039	0.05	7.4	25.9	1.47	1380	0.30	0.02
126341 (8880979)	22.5	4.63	11.3	0.52	0.03	0.07	0.053	0.03	6.6	21.0	0.64	999	0.47	0.01
126342 (8880980)	30.9	4.02	5.63	0.36	0.04	<0.01	0.034	0.05	7.5	11.8	0.94	1390	0.42	0.03
126343 (8880981)	25.2	3.83	5.92	0.27	0.07	<0.01	0.033	0.04	5.7	13.9	1.13	1780	0.33	0.04
126344 (8880982)	34.7	3.36	4.75	0.27	0.43	0.02	0.025	0.06	6.1	8.3	0.76	1210	0.23	0.09
126345 (8880983)	17.6	4.18	11.2	0.59	0.10	0.06	0.042	0.03	2.9	4.5	0.35	477	0.46	0.01
126346 (8880984)	17.9	4.32	10.8	0.49	0.09	0.06	0.025	0.03	2.9	6.7	0.51	672	0.50	0.02
126347 (8880985)	42.7	4.70	8.40	0.60	0.03	0.02	0.045	0.03	2.8	12.0	0.91	946	0.41	0.01
126348 (8880986)	69.1	4.12	7.27	0.42	0.06	0.02	0.041	0.04	3.9	14.6	0.97	1740	0.35	0.02
126349 (8880987)	50.8	4.21	7.61	0.48	0.02	0.04	0.044	0.03	3.5	13.7	0.92	874	0.38	0.01
126350 (8880988)	52.6	4.37	7.06	0.42	0.02	0.04	0.041	0.03	3.6	13.6	1.00	1100	0.34	0.02
126351 (8880989)	79.2	4.43	3.93	0.56	0.07	0.03	0.072	0.08	6.4	8.4	0.49	3150	0.27	<0.01
126352 (8880990)	109	4.70	5.35	0.39	0.08	0.03	0.068	0.13	6.8	12.5	1.00	3850	0.34	0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280587

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017

DATE RECEIVED: Nov 06, 2017

DATE REPORTED: Dec 18, 2017

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
		0.5	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
126353 (8880991)		14.8	3.48	7.72	0.62	<0.02	0.05	0.021	0.05	2.5	2.1	0.19	846	0.25	0.01
126354 (8880992)		40.3	7.64	15.6	0.53	0.03	0.13	0.068	0.04	3.1	26.9	1.42	3110	0.68	0.01
126355 (8880993)		91.4	3.82	8.87	0.22	0.03	0.07	0.041	0.03	11.5	25.8	0.47	767	0.51	0.02
126356 (8880994)		10.3	3.46	8.47	0.69	<0.02	0.04	0.016	0.03	3.0	1.6	0.11	338	0.44	0.01
126357 (8880995)		20.6	4.32	10.0	0.82	<0.02	0.04	0.028	0.03	2.9	2.8	0.18	413	0.50	0.01
126358 (8880996)		350	3.10	7.33	0.22	0.12	0.18	0.047	0.05	28.7	18.1	0.66	15100	1.74	0.02
126359 (8880997)		106	3.56	8.04	0.13	0.11	0.16	0.062	0.05	16.0	19.0	0.67	6930	1.11	0.02
126360 (8880998)		88.3	4.34	10.3	0.25	0.07	0.12	0.058	0.04	13.3	27.5	0.56	5360	0.95	0.01

Certified By:



Certificate of Analysis

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PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017							DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other			
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	0.5	10	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
126273 (8880927)	1.89	17.3	1240	14.8	6.2	0.073	0.02	0.86	5.7	0.2	0.9	13.9	0.05	0.06	
126274 (8880928)	2.80	10.1	624	12.2	2.5	0.074	0.01	0.88	3.2	<0.2	1.1	12.9	0.02	0.01	
126275 (8880929)	3.24	35.6	1100	11.2	5.8	0.070	0.02	0.64	6.6	<0.2	1.0	31.9	0.02	<0.01	
126276 (8880930)	2.38	68.3	1030	10.4	6.8	0.067	0.02	0.76	6.4	<0.2	1.0	44.0	0.01	0.02	
126277 (8880931)	1.51	80.8	760	18.7	2.4	0.080	0.02	0.57	9.6	0.3	1.3	53.2	0.01	0.05	
126278 (8880932)	1.61	21.4	267	28.1	2.1	0.073	0.01	0.68	4.4	<0.2	1.1	20.2	<0.01	0.01	
126279 (8880933)	5.68	30.0	1200	12.1	4.7	0.080	0.03	0.65	5.6	0.4	1.1	25.7	0.03	0.01	
126280 (8880934)	3.36	29.2	773	11.9	2.6	0.077	0.02	0.79	5.3	0.4	1.0	20.7	0.01	0.03	
126281 (8880935)	0.26	22.1	741	9.0	5.7	0.070	0.02	0.64	14.4	0.8	1.2	60.6	<0.01	0.06	
126282 (8880936)	0.11	52.3	801	10.9	7.9	0.074	0.01	0.44	22.3	0.7	0.7	21.4	<0.01	<0.01	
126283 (8880937)	1.06	69.0	990	4770	5.7	0.069	0.05	0.44	22.4	0.5	0.6	36.6	<0.01	0.10	
126284 (8880938)	0.14	4.8	355	14.0	10.0	0.074	<0.01	0.56	5.9	0.4	0.8	14.3	<0.01	0.04	
126301 (8880939)	0.65	17.1	998	7.5	4.0	0.079	0.04	0.64	7.2	0.8	0.5	99.8	<0.01	0.01	
126302 (8880940)	1.36	13.6	740	7.0	3.9	0.079	0.02	0.71	5.0	0.4	0.8	18.0	<0.01	0.05	
126303 (8880941)	0.91	34.0	1240	11.2	10.7	0.074	0.07	0.86	12.0	2.2	0.6	82.3	<0.01	0.05	
126304 (8880942)	1.92	30.3	2090	13.5	4.1	0.073	0.04	0.69	4.4	0.2	0.8	19.5	<0.01	0.05	
126305 (8880943)	1.25	42.9	1110	6.7	8.3	0.070	0.04	0.57	7.3	0.4	0.6	18.1	<0.01	0.02	
126306 (8880944)	1.53	28.6	1650	27.6	8.7	0.073	0.06	0.73	5.7	1.1	0.9	50.1	<0.01	0.12	
126307 (8880945)	2.17	11.0	891	11.0	3.2	0.070	0.04	0.94	5.8	0.6	1.0	16.0	0.06	0.06	
126308 (8880946)	0.92	18.4	3070	9.5	4.9	0.063	0.14	0.60	5.6	3.3	0.7	70.5	0.03	0.05	
126309 (8880947)	1.60	14.0	809	8.7	3.0	0.068	0.04	0.55	6.5	0.5	0.6	21.0	<0.01	0.05	
126310 (8880948)	0.39	14.2	671	8.7	3.3	0.064	<0.01	0.73	9.6	0.6	0.7	44.0	0.01	0.03	
126311 (8880949)	1.40	16.8	1130	9.1	4.6	0.071	<0.01	0.60	9.0	0.2	0.8	26.9	0.02	<0.01	
126312 (8880950)	0.58	13.7	769	8.7	4.1	0.064	0.01	0.84	7.4	0.3	0.7	31.2	0.02	<0.01	
126313 (8880951)	0.53	16.7	1050	12.8	6.6	0.059	0.02	0.82	6.7	0.4	0.7	37.6	<0.01	0.07	
126314 (8880952)	0.73	14.1	608	8.3	4.5	0.062	0.02	0.74	5.6	0.4	0.8	38.7	0.01	<0.01	
126315 (8880953)	0.89	22.1	715	8.9	4.0	0.062	0.02	0.66	10.2	0.9	0.6	62.3	0.02	<0.01	
126316 (8880954)	1.41	20.0	495	15.5	6.7	0.068	0.01	0.61	8.1	0.3	1.0	43.1	0.01	0.04	
126317 (8880955)	0.46	26.3	975	25.6	9.0	0.065	0.03	0.66	9.5	1.0	0.9	36.5	0.01	<0.01	
126318 (8880956)	0.40	16.0	1450	38.3	15.8	0.061	0.06	1.03	16.9	2.2	0.7	47.9	0.02	0.02	
126319 (8880957)	1.40	89.3	761	9.2	1.9	0.061	0.03	1.56	16.3	0.5	0.6	38.3	0.01	0.01	
126320 (8880958)	1.20	59.3	1010	9.5	4.5	0.061	0.03	1.10	8.8	<0.2	0.8	110	<0.01	0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280587

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017

DATE RECEIVED: Nov 06, 2017

DATE REPORTED: Dec 18, 2017

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Nb ppm 0.05	Ni ppm 0.5	P ppm 10	Pb ppm 0.1	Rb ppm 0.1	Re ppm 0.001	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 0.2	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.01	Te ppm 0.01
126321 (8880959)		1.53	45.1	1160	8.8	4.2	0.061	0.02	0.89	8.6	0.3	0.8	32.6	<0.01	0.01
126322 (8880960)		2.84	43.7	3230	8.1	4.7	0.063	0.02	1.22	12.4	0.4	1.0	28.0	0.02	0.03
126323 (8880961)		1.62	53.1	1400	9.0	3.8	0.058	0.01	0.77	11.0	<0.2	0.9	36.0	<0.01	0.01
126324 (8880962)		1.28	68.5	858	8.8	3.0	0.062	0.02	0.37	5.4	<0.2	0.7	26.3	<0.01	0.06
126325 (8880963)		2.18	52.8	695	8.7	2.9	0.064	0.02	0.92	6.9	0.3	0.9	20.1	<0.01	<0.01
126326 (8880964)		1.07	55.2	1720	17.7	3.6	0.064	0.05	1.07	6.3	0.5	1.1	36.4	0.04	0.06
126327 (8880965)		1.02	51.9	4170	3.8	2.8	0.050	0.05	0.33	4.4	0.5	0.6	64.2	0.04	<0.01
126328 (8880966)		1.07	16.3	1050	9.0	3.6	0.055	0.02	0.81	6.3	0.3	0.7	12.1	0.02	<0.01
126329 (8880967)		0.92	22.0	1190	9.6	3.3	0.061	0.01	0.82	6.3	0.2	1.0	17.3	0.01	0.02
126330 (8880968)		0.89	19.0	808	9.2	4.5	0.055	0.01	0.73	5.7	0.3	0.7	15.4	0.01	0.03
126331 (8880969)		1.53	19.3	1420	7.8	5.0	0.054	0.02	0.79	5.3	<0.2	1.1	19.6	0.02	<0.01
126332 (8880970)		3.17	12.9	1420	10.0	5.6	0.057	0.02	0.79	4.4	0.3	1.4	17.3	0.03	0.04
126333 (8880971)		3.27	16.2	2000	8.7	4.2	0.054	0.02	0.73	4.7	0.6	1.0	17.1	0.03	0.04
126334 (8880972)		0.84	14.5	766	10.1	4.1	0.054	<0.01	0.76	5.7	0.4	1.2	15.4	<0.01	0.07
126335 (8880973)		1.19	21.8	1200	9.0	4.4	0.054	0.03	0.70	6.9	0.2	0.7	23.1	0.02	0.02
126336 (8880974)		0.49	20.7	887	9.5	2.3	0.049	0.05	0.87	3.3	1.8	0.7	62.4	<0.01	0.04
126337 (8880975)		1.02	13.8	901	8.4	4.7	0.057	0.03	0.58	5.6	0.4	0.8	14.8	0.01	0.01
126338 (8880976)		0.82	10.3	639	10.1	5.4	0.052	<0.01	0.55	4.4	0.4	0.9	16.2	<0.01	0.04
126339 (8880977)		0.90	39.0	627	10.3	5.1	0.055	0.02	0.87	11.1	0.4	0.7	32.9	<0.01	0.02
126340 (8880978)		0.54	28.2	638	11.1	7.5	0.053	0.02	0.75	7.2	0.9	0.7	49.7	0.01	0.03
126341 (8880979)		1.47	15.8	704	12.3	4.8	0.049	0.03	0.72	7.0	0.9	0.9	30.7	0.01	0.03
126342 (8880980)		0.35	18.6	833	13.1	4.0	0.051	0.01	1.02	8.9	0.2	1.4	24.9	<0.01	0.03
126343 (8880981)		0.63	21.7	690	12.0	3.9	0.052	0.02	0.88	8.9	0.4	0.6	40.9	<0.01	<0.01
126344 (8880982)		0.33	14.9	641	11.3	2.3	0.054	0.02	0.74	9.2	0.5	0.7	86.9	0.02	0.21
126345 (8880983)		1.33	8.9	511	22.2	2.9	0.048	0.01	0.69	3.9	0.3	1.0	20.5	0.02	0.01
126346 (8880984)		1.24	19.3	660	20.3	2.1	0.050	0.03	0.67	2.6	0.3	1.0	40.8	0.05	0.04
126347 (8880985)		0.96	19.3	562	38.8	3.3	0.047	0.02	0.59	5.0	0.2	0.8	26.5	0.02	0.03
126348 (8880986)		0.92	23.2	790	34.3	5.9	0.043	0.02	0.58	7.4	<0.2	0.8	38.5	0.02	0.02
126349 (8880987)		0.84	19.7	586	31.3	3.4	0.049	0.03	0.56	3.9	0.5	0.8	25.4	0.02	0.03
126350 (8880988)		0.76	20.5	616	33.6	3.1	0.049	0.03	0.56	4.5	0.5	0.7	32.8	0.01	<0.01
126351 (8880989)		0.35	8.9	793	12.5	7.6	0.043	0.02	0.79	14.3	1.0	1.1	18.9	0.01	0.05
126352 (8880990)		0.61	14.7	1190	12.3	9.6	0.046	0.02	0.79	16.8	0.7	1.5	29.3	<0.01	0.05

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280587

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017

DATE RECEIVED: Nov 06, 2017

DATE REPORTED: Dec 18, 2017

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Nb ppm 0.05	Ni ppm 0.5	P ppm 10	Pb ppm 0.1	Rb ppm 0.1	Re ppm 0.001	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 0.2	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.01	Te ppm 0.01
126353 (8880991)		0.57	3.7	698	9.1	10.9	0.047	0.01	0.70	2.8	<0.2	1.6	18.8	0.01	0.03
126354 (8880992)		1.21	22.4	2980	7.6	5.7	0.043	0.06	0.58	3.3	0.5	0.9	31.4	0.01	0.01
126355 (8880993)		0.95	9.7	716	12.2	3.8	0.044	0.06	0.72	4.7	1.3	1.2	62.9	0.02	1.67
126356 (8880994)		0.82	3.8	351	10.1	2.2	0.042	0.02	0.58	2.1	<0.2	1.2	16.4	0.01	0.04
126357 (8880995)		0.74	5.8	634	11.4	2.6	0.047	0.02	0.65	2.2	0.2	1.2	19.9	<0.01	<0.01
126358 (8880996)		0.56	19.1	2590	11.7	7.4	0.043	0.15	1.05	8.3	4.2	0.7	87.7	0.02	0.10
126359 (8880997)		0.81	14.6	2240	13.8	8.3	0.045	0.12	0.71	6.9	2.7	0.9	85.2	0.03	0.05
126360 (8880998)		1.41	15.4	1360	12.6	5.6	0.046	0.08	0.67	5.7	2.0	0.9	76.6	0.02	0.05

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
126273 (8880927)	0.6	0.136	<0.01	0.33	153	0.37	3.55	117	5.0	
126274 (8880928)	0.3	0.252	<0.01	0.23	134	0.22	1.69	56.6	1.9	
126275 (8880929)	0.6	0.316	<0.01	0.29	214	0.18	3.98	127	10.5	
126276 (8880930)	0.5	0.357	<0.01	0.25	220	0.24	3.58	183	8.7	
126277 (8880931)	0.2	0.405	<0.01	0.27	136	0.15	5.75	356	5.5	
126278 (8880932)	0.3	0.284	<0.01	0.24	139	<0.05	2.90	88.1	2.3	
126279 (8880933)	0.5	0.314	<0.01	0.27	176	0.27	3.48	134	6.1	
126280 (8880934)	0.4	0.417	<0.01	0.25	201	0.11	2.96	119	6.6	
126281 (8880935)	0.9	0.129	<0.01	0.39	126	0.11	21.5	163	6.3	
126282 (8880936)	0.9	0.063	<0.01	0.41	143	0.10	27.6	479	4.3	
126283 (8880937)	0.5	0.242	<0.01	0.54	235	0.17	19.4	475	11.8	
126284 (8880938)	1.4	0.124	0.01	0.92	76.6	0.05	21.7	57.7	10.1	
126301 (8880939)	0.1	0.093	<0.01	0.53	176	0.13	25.3	110	1.4	
126302 (8880940)	0.4	0.117	<0.01	0.29	114	0.19	2.08	95.7	2.0	
126303 (8880941)	0.2	0.058	0.05	1.50	344	0.17	49.3	168	2.3	
126304 (8880942)	<0.1	0.225	<0.01	0.44	183	0.16	3.14	142	1.3	
126305 (8880943)	0.2	0.097	<0.01	0.39	170	0.14	4.61	150	0.9	
126306 (8880944)	0.1	0.069	0.02	1.16	259	0.24	21.2	220	0.7	
126307 (8880945)	0.3	0.162	<0.01	0.42	175	0.30	5.76	61.5	2.0	
126308 (8880946)	0.1	0.044	0.02	2.14	187	0.15	89.6	150	1.2	
126309 (8880947)	1.0	0.154	<0.01	0.35	115	0.17	4.21	73.6	9.7	
126310 (8880948)	0.6	0.118	<0.01	0.37	103	0.14	18.3	97.2	1.8	
126311 (8880949)	1.1	0.117	<0.01	0.38	109	0.18	5.55	119	8.1	
126312 (8880950)	0.4	0.092	<0.01	0.38	98.0	0.16	11.3	125	0.7	
126313 (8880951)	0.2	0.126	<0.01	0.40	106	0.28	12.2	145	<0.5	
126314 (8880952)	0.2	0.100	<0.01	0.39	107	0.19	8.24	118	0.5	
126315 (8880953)	0.5	0.131	<0.01	0.54	117	0.13	21.1	122	2.1	
126316 (8880954)	0.8	0.132	<0.01	0.41	130	0.12	4.35	133	3.7	
126317 (8880955)	0.3	0.076	<0.01	0.78	146	0.25	19.5	268	1.7	
126318 (8880956)	0.3	0.045	0.02	1.79	157	0.38	85.3	175	3.0	
126319 (8880957)	0.2	0.346	<0.01	0.33	122	0.22	11.2	513	7.2	
126320 (8880958)	0.1	0.279	<0.01	0.28	120	0.16	6.65	312	1.9	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280587

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyle Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
126321 (8880959)	0.3	0.310	<0.01	0.21	117	0.07	3.30	234	3.3	
126322 (8880960)	0.6	0.318	<0.01	0.32	129	0.11	7.00	197	15.6	
126323 (8880961)	0.4	0.317	<0.01	0.32	126	0.06	6.46	215	7.1	
126324 (8880962)	0.2	0.357	<0.01	0.19	140	0.05	3.87	216	1.7	
126325 (8880963)	0.3	0.296	<0.01	0.28	132	0.17	4.62	294	1.6	
126326 (8880964)	0.1	0.315	0.09	0.28	142	0.12	5.96	293	0.7	
126327 (8880965)	0.1	0.151	<0.01	0.23	95.2	0.06	3.58	172	1.5	
126328 (8880966)	0.5	0.156	<0.01	0.38	117	0.18	5.31	99.0	2.3	
126329 (8880967)	0.3	0.186	<0.01	0.35	136	0.18	8.54	108	1.4	
126330 (8880968)	0.3	0.158	<0.01	0.31	114	0.16	5.14	96.9	1.6	
126331 (8880969)	0.5	0.147	<0.01	0.34	117	0.18	3.08	146	2.5	
126332 (8880970)	0.6	0.188	<0.01	0.35	145	0.22	2.54	92.1	3.6	
126333 (8880971)	0.5	0.165	<0.01	0.33	114	0.22	2.90	125	3.2	
126334 (8880972)	0.6	0.173	<0.01	0.30	110	0.13	3.19	78.8	4.8	
126335 (8880973)	0.7	0.153	<0.01	0.43	115	0.18	4.68	128	5.4	
126336 (8880974)	<0.1	0.105	0.04	3.35	636	1.85	8.87	130	<0.5	
126337 (8880975)	0.4	0.129	<0.01	0.32	111	0.21	2.49	115	2.0	
126338 (8880976)	0.3	0.128	<0.01	0.28	97.3	0.11	2.93	72.8	1.1	
126339 (8880977)	0.3	0.165	<0.01	0.63	162	0.17	15.8	181	2.0	
126340 (8880978)	<0.1	0.128	<0.01	0.64	175	0.23	17.8	164	<0.5	
126341 (8880979)	0.2	0.170	<0.01	1.45	308	0.34	17.5	97.6	0.8	
126342 (8880980)	0.5	0.160	<0.01	0.38	143	0.14	15.9	117	1.9	
126343 (8880981)	0.5	0.165	<0.01	0.38	145	0.16	11.6	138	3.1	
126344 (8880982)	0.9	0.154	<0.01	0.32	108	0.14	14.3	81.8	13.9	
126345 (8880983)	0.4	0.175	<0.01	0.27	156	0.23	1.56	59.2	2.4	
126346 (8880984)	<0.1	0.179	<0.01	0.29	152	0.19	2.07	70.3	1.0	
126347 (8880985)	0.2	0.134	<0.01	0.34	145	0.22	2.79	128	0.9	
126348 (8880986)	0.4	0.131	<0.01	0.38	126	0.16	5.75	133	2.1	
126349 (8880987)	<0.1	0.118	<0.01	0.42	128	0.19	3.88	126	<0.5	
126350 (8880988)	0.1	0.129	<0.01	0.45	131	0.16	4.70	136	<0.5	
126351 (8880989)	0.6	0.034	<0.01	0.59	83.7	0.57	30.3	199	1.6	
126352 (8880990)	0.9	0.044	0.02	0.67	92.5	0.57	26.3	243	2.5	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280587

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyle Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
126353 (8880991)	<0.1	0.053	0.07	0.37	87.0	0.40	1.82	84.4	<0.5	
126354 (8880992)	<0.1	0.196	<0.01	0.45	244	0.32	3.25	214	0.7	
126355 (8880993)	<0.1	0.128	<0.01	4.85	158	0.26	34.5	123	<0.5	
126356 (8880994)	<0.1	0.143	<0.01	0.34	139	0.10	1.58	48.7	<0.5	
126357 (8880995)	<0.1	0.108	<0.01	0.32	137	0.25	1.47	63.5	<0.5	
126358 (8880996)	0.2	0.044	0.15	6.53	136	0.27	109	218	2.4	
126359 (8880997)	0.2	0.054	0.10	3.01	138	0.24	63.1	197	2.1	
126360 (8880998)	0.1	0.080	0.08	5.26	154	0.24	43.7	125	1.2	

Comments: RDL - Reported Detection Limit

8880927-8880998 Au determination by this method is semi-quantitative due to small sample size.

Certified By:



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	8880927	0.39	0.33	16.7%	8880945	0.25	0.34	30.5%	8880964	0.36	0.28	25.0%	8880982	0.24	0.23	4.3%
Al	8880927	2.27	2.25	0.9%	8880945	2.80	2.74	2.2%	8880964	2.42	2.47	2.0%	8880982	1.47	1.49	1.4%
As	8880927	19.9	17.05	15.4%	8880945	15.5	17.6	12.7%	8880964	24.0	24.4	1.7%	8880982	8.24	11.1	29.6%
Au	8880927	0.025	0.017	38.1%	8880945	< 0.005	< 0.005	0.0%	8880964	< 0.005	0.008		8880982	0.011	< 0.005	
B	8880927	< 5	< 5	0.0%	8880945	< 5	< 5	0.0%	8880964	< 5	< 5	0.0%	8880982	< 5	< 5	0.0%
Ba	8880927	93	90	3.3%	8880945	74	72	2.7%	8880964	457	464	1.5%	8880982	118	121	2.5%
Be	8880927	0.357	0.330	7.9%	8880945	0.356	0.351	1.4%	8880964	0.38	0.35	8.2%	8880982	0.352	0.366	3.9%
Bi	8880927	0.106	0.099	6.8%	8880945	0.087	0.083	4.7%	8880964	0.13	0.12	8.0%	8880982	0.40	0.23	54.0%
Ca	8880927	0.10	0.10	0.0%	8880945	0.10	0.10	0.0%	8880964	0.48	0.48	0.0%	8880982	1.39	1.37	1.4%
Cd	8880927	0.12	0.09	28.6%	8880945	0.108	0.104	3.8%	8880964	0.16	0.11		8880982	0.11	0.09	20.0%
Ce	8880927	8.06	7.98	1.0%	8880945	11.1	10.3	7.5%	8880964	13.1	12.9	1.5%	8880982	12.8	13.0	1.6%
Co	8880927	10.2	10.0	2.0%	8880945	6.48	6.09	6.2%	8880964	42.0	40.1	4.6%	8880982	10.8	11.0	1.8%
Cr	8880927	36.7	30.9	17.2%	8880945	36.6	35.8	2.2%	8880964	115	109	5.4%	8880982	16.5	17.3	4.7%
Cs	8880927	1.43	1.45	1.4%	8880945	1.46	1.35	7.8%	8880964	1.50	1.44	4.1%	8880982	0.982	0.973	0.9%
Cu	8880927	15.8	14.3	10.0%	8880945	16.6	16.3	1.8%	8880964	18.8	15.2	21.2%	8880982	34.7	32.9	5.3%
Fe	8880927	4.79	4.79	0.0%	8880945	4.82	4.71	2.3%	8880964	4.76	4.79	0.6%	8880982	3.36	3.35	0.3%
Ga	8880927	8.92	8.98	0.7%	8880945	10.2	9.48	7.3%	8880964	17.6	16.9	4.1%	8880982	4.75	4.57	3.9%
Ge	8880927	0.62	0.64	3.2%	8880945	0.685	0.764	10.9%	8880964	0.50	0.54	7.7%	8880982	0.266	0.247	7.4%
Hf	8880927	0.12	0.11	8.7%	8880945	0.17	0.13	26.7%	8880964	0.13	0.09	36.4%	8880982	0.43	0.40	7.2%
Hg	8880927	0.077	0.063	20.0%	8880945	0.09	0.10	10.5%	8880964	0.115	0.087	27.7%	8880982	0.02	0.01	
In	8880927	0.049	0.047	4.2%	8880945	0.055	0.055	0.0%	8880964	0.0622	0.0544	13.4%	8880982	0.025	0.031	21.4%
K	8880927	0.03	0.03	0.0%	8880945	0.02	0.02	0.0%	8880964	0.03	0.03	0.0%	8880982	0.06	0.06	0.0%
La	8880927	3.5	3.5	0.0%	8880945	4.7	4.4	6.6%	8880964	4.3	4.2	2.4%	8880982	6.1	6.1	0.0%
Li	8880927	16.0	15.8	1.3%	8880945	12.9	12.6	2.4%	8880964	30.4	31.1	2.3%	8880982	8.3	8.3	0.0%
Mg	8880927	0.65	0.65	0.0%	8880945	0.346	0.340	1.7%	8880964	3.04	3.09	1.6%	8880982	0.76	0.76	0.0%
Mn	8880927	571	554	3.0%	8880945	477	461	3.4%	8880964	19000	19200	1.0%	8880982	1210	1190	1.7%
Mo	8880927	0.64	0.51	22.6%	8880945	0.78	0.72	8.0%	8880964	0.856	0.815	4.9%	8880982	0.23	0.23	0.0%
Na	8880927	0.01	0.01	0.0%	8880945	0.01	0.01	0.0%	8880964	0.01	0.01	0.0%	8880982	0.09	0.09	0.0%
Nb	8880927	1.89	1.80	4.9%	8880945	2.17	1.85	15.9%	8880964	1.07	0.91	16.2%	8880982	0.326	0.300	8.3%
Ni	8880927	17.3	16.3	6.0%	8880945	11.0	10.9	0.9%	8880964	55.2	52.4	5.2%	8880982	14.9	15.1	1.3%
P	8880927	1240	1220	1.6%	8880945	891	886	0.6%	8880964	1720	1670	2.9%	8880982	641	666	3.8%



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

Pb	8880927	14.8	11.8	22.6%	8880945	11.0	10.3	6.6%	8880964	17.7	14.7	18.5%	8880982	11.3	10.5	7.3%
Rb	8880927	6.2	6.2	0.0%	8880945	3.2	2.9	9.8%	8880964	3.56	3.48	2.3%	8880982	2.3	2.3	0.0%
Re	8880927	0.073	0.071	2.8%	8880945	0.070	0.070	0.0%	8880964	0.0637	0.0602	5.6%	8880982	0.0543	0.0572	5.2%
S	8880927	0.02	0.02	0.0%	8880945	0.036	0.034	5.7%	8880964	0.05	0.05	0.0%	8880982	0.02	0.02	0.0%
Sb	8880927	0.86	0.78	9.8%	8880945	0.936	0.803	15.3%	8880964	1.07	0.89	18.4%	8880982	0.742	0.703	5.4%
Sc	8880927	5.7	5.7	0.0%	8880945	5.77	5.28	8.9%	8880964	6.3	6.0	4.9%	8880982	9.17	8.50	7.6%
Se	8880927	0.2	0.2	0.0%	8880945	0.6	0.8	28.6%	8880964	0.48	0.39	20.7%	8880982	0.54	0.57	5.4%
Sn	8880927	0.9	0.9	0.0%	8880945	1.0	0.9	10.5%	8880964	1.1	0.8		8880982	0.7	0.7	0.0%
Sr	8880927	13.9	12.4	11.4%	8880945	16.0	16.3	1.9%	8880964	36.4	35.8	1.7%	8880982	86.9	86.9	0.0%
Ta	8880927	0.05	0.04	22.2%	8880945	0.06	0.04		8880964	0.04	0.03	28.6%	8880982	0.02	0.02	0.0%
Te	8880927	0.06	0.03	66.7%	8880945	0.06	0.04		8880964	0.06	0.03	66.7%	8880982	0.21	0.11	62.5%
Th	8880927	0.65	0.66	1.5%	8880945	0.3	0.3	0.0%	8880964	0.1	< 0.1		8880982	0.92	0.83	10.3%
Ti	8880927	0.136	0.137	0.7%	8880945	0.162	0.158	2.5%	8880964	0.315	0.318	0.9%	8880982	0.154	0.153	0.7%
Tl	8880927	< 0.01	< 0.01	0.0%	8880945	< 0.01	< 0.01	0.0%	8880964	0.093	0.085	9.0%	8880982	< 0.01	< 0.01	0.0%
U	8880927	0.328	0.319	2.8%	8880945	0.42	0.41	2.4%	8880964	0.280	0.261	7.0%	8880982	0.32	0.32	0.0%
V	8880927	153	149	2.6%	8880945	175	163	7.1%	8880964	142	140	1.4%	8880982	108	108	0.0%
W	8880927	0.369	0.282	26.7%	8880945	0.296	0.253	15.7%	8880964	0.12	0.08		8880982	0.140	0.122	13.7%
Y	8880927	3.55	3.43	3.4%	8880945	5.76	5.35	7.4%	8880964	5.96	5.73	3.9%	8880982	14.3	14.2	0.7%
Zn	8880927	117	113	3.5%	8880945	61.5	60.1	2.3%	8880964	293	289	1.4%	8880982	81.8	80.6	1.5%
Zr	8880927	4.99	4.85	2.8%	8880945	2.0	1.9	5.1%	8880964	0.7	0.6	15.4%	8880982	13.9	14.2	2.1%



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CDN-ME-1303)				CRM #2 (ref.CDN-ME-1304)				CRM #3 (ref.CDN-ME-1206)				CRM #4 (ref.CDN-ME-1303)			
	Expect	Actual	Recovery	Limits												
Ag	152	142	93%	90% - 110%	34	33	97%	90% - 110%	274	272	99%	90% - 110%	152	147	97%	90% - 110%
Cu	3440	3470	101%	90% - 110%	2680	2640	99%	90% - 110%	7900	8020	101%	90% - 110%	3440	3560	104%	90% - 110%
Pb	12200	14000	114%	90% - 110%	2580	2900	112%	90% - 110%	8010	9500	118%	90% - 110%	12200	14100	115%	90% - 110%
Zn	9310	9426	101%	90% - 110%	2200	2190	100%	90% - 110%	23800	22860	96%	90% - 110%	9310	9490	102%	90% - 110%



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 17T280587

PROJECT: Caribou

ATTENTION TO: Kyler Hardy;Lorie Farrell

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12018		ICP-MS
Al	MIN-200-12018		ICP/OES
As	MIN-200-12018		ICP-MS
Au	MIN-200-12018		ICP-MS
B	MIN-200-12018		ICP/OES
Ba	MIN-200-12018		ICP-MS
Be	MIN-200-12018		ICP-MS
Bi	MIN-200-12018		ICP-MS
Ca	MIN-200-12018		ICP/OES
Cd	MIN-200-12018		ICP-MS
Ce	MIN-200-12018		ICP-MS
Co	MIN-200-12018		ICP-MS
Cr	MIN-200-12018		ICP/OES
Cs	MIN-200-12018		ICP-MS
Cu	MIN-200-12018		ICP-MS
Fe	MIN-200-12018		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-200-12018		ICP/OES
La	MIN-200-12018		ICP-MS
Li	MIN-200-12018		ICP-MS
Mg	MIN-200-12018		ICP/OES
Mn	MIN-200-12018		ICP/OES
Mo	MIN-200-12018		ICP-MS
Na	MIN-200-12018		ICP/OES
Nb	MIN-200-12018		ICP-MS
Ni	MIN-200-12018		ICP-MS
P	MIN-200-12018		ICP/OES
Pb	MIN-200-12018		ICP-MS
Rb	MIN-200-12018		ICP-MS
Re	MIN-200-12018		ICP-MS
S	MIN-200-12018		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-200-12018		ICP/OES
Tl	MIN-200-12018		ICP-MS
U	MIN-200-12018		ICP-MS
V	MIN-200-12018		ICP/OES
W	MIN-200-12018		ICP-MS
Y	MIN-200-12018		ICP-MS



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 17T280587

PROJECT: Caribou

ATTENTION TO: Kyler Hardy;Lorie Farrell

SAMPLING SITE:

SAMPLED BY:

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



CLIENT NAME: MISC AGAT CLIENT ON, ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

PROJECT:

AGAT WORK ORDER: 17T280589

SOLID ANALYSIS REVIEWED BY: Adel Mina, Mining Chief Chemist

DATE REPORTED: Dec 18, 2017

PAGES (INCLUDING COVER): 18

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: 17T280589

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: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017

DATE RECEIVED: Nov 06, 2017

DATE REPORTED: Dec 18, 2017

SAMPLE TYPE: Other

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	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
126361 (8881044)	0.58	0.78	6.4	<0.005	<5	118	0.22	0.14	0.43	0.07	7.84	5.3	13.6	1.67
126362 (8881045)	0.21	1.54	10.8	0.009	<5	160	0.47	0.09	0.63	0.12	13.9	12.2	16.5	1.45
126363 (8881046)	0.20	0.36	4.8	<0.005	<5	117	0.11	0.11	0.31	0.07	4.73	1.7	8.4	0.99
126364 (8881047)	0.39	1.83	9.5	<0.005	<5	172	0.73	0.10	0.89	0.26	17.3	14.8	21.1	2.12
126365 (8881048)	0.22	1.05	6.8	0.011	<5	123	0.32	0.10	0.45	0.14	8.79	6.7	14.6	1.71
126366 (8881049)	0.16	1.92	10.6	<0.005	<5	138	0.32	0.08	0.26	0.06	12.0	10.5	18.0	1.08
126367 (8881050)	0.26	0.99	10.4	<0.005	<5	117	0.27	0.06	0.24	0.05	7.01	12.6	13.4	0.74
126368 (8881051)	0.20	0.77	4.3	<0.005	<5	78	0.12	0.12	0.14	0.05	6.17	5.9	17.6	0.83
126369 (8881052)	0.36	2.62	11.3	<0.005	<5	82	0.34	0.06	0.14	0.12	6.38	13.3	31.5	1.83
126370 (8881053)	0.31	0.31	1.2	<0.005	<5	56	<0.05	0.09	0.08	0.02	3.48	0.9	8.9	0.44
126371 (8881054)	0.42	2.54	14.0	<0.005	<5	86	0.26	0.08	0.13	0.06	4.84	7.6	31.4	0.99
126372 (8881055)	0.23	1.98	10.9	<0.005	<5	99	0.43	0.06	0.16	0.06	7.38	11.2	26.6	1.25
126373 (8881056)	0.32	0.68	5.7	0.016	<5	77	0.07	0.09	0.09	0.05	4.26	4.2	15.5	0.52
126374 (8881057)	1.52	0.99	13.2	<0.005	<5	64	0.12	0.07	0.11	0.04	4.35	5.2	19.0	0.76
126375 (8881058)	0.29	1.61	77.0	<0.005	<5	436	0.55	0.06	0.61	0.17	15.9	14.9	78.2	1.12
126376 (8881059)	0.39	1.84	11.7	<0.005	<5	245	0.55	0.06	0.48	0.09	13.1	13.8	31.1	1.57
126377 (8881060)	0.21	1.18	13.2	<0.005	<5	121	0.36	0.06	0.46	0.07	10.9	17.0	26.2	1.36
126378 (8881061)	0.16	1.03	10.0	<0.005	<5	120	0.45	0.04	0.62	0.12	13.5	16.0	20.1	1.07
126379 (8881062)	0.62	2.06	9.4	<0.005	<5	209	0.59	0.06	0.88	0.15	13.3	12.3	44.7	1.72
126380 (8881063)	0.47	1.59	9.3	<0.005	<5	116	0.42	0.07	0.15	0.08	11.0	10.4	19.1	1.19
126381 (8881064)	4.86	2.60	12.5	<0.005	<5	654	1.55	0.10	1.85	1.31	45.1	16.0	51.4	2.43
126382 (8881065)	2.97	2.91	16.5	0.013	<5	728	1.65	0.10	0.90	1.88	23.2	16.7	79.7	3.87
126383 (8881066)	0.60	1.42	10.0	<0.005	<5	151	0.17	0.13	0.12	0.26	7.31	8.1	15.0	0.67
126384 (8881067)	0.26	1.13	6.3	<0.005	<5	107	0.11	0.08	0.11	0.07	7.41	8.6	15.9	0.49
126385 (8881068)	0.80	1.03	5.0	0.008	<5	90	0.12	0.09	0.07	0.14	4.72	5.7	12.1	0.67
126386 (8881069)	2.29	1.04	7.3	0.005	<5	300	0.67	0.06	1.52	0.23	13.3	9.5	19.7	2.19
126387 (8881070)	0.31	1.72	9.6	<0.005	<5	129	0.25	0.09	0.08	0.07	6.82	14.3	15.9	0.73
126388 (8881071)	0.98	1.76	9.5	<0.005	<5	145	0.31	0.07	0.20	0.18	8.85	12.0	16.2	1.38
126389 (8881072)	0.68	1.80	10.2	<0.005	<5	145	0.16	0.07	0.12	0.16	5.51	8.3	22.4	0.74
126390 (8881073)	0.28	1.07	16.6	<0.005	<5	113	0.12	0.12	0.07	0.08	6.25	4.2	16.8	0.57
126391 (8881074)	0.57	2.21	13.5	<0.005	<5	247	0.86	0.10	0.43	0.17	13.6	13.0	27.3	2.77
126392 (8881075)	2.54	2.22	8.1	<0.005	<5	344	0.83	0.14	0.66	0.42	19.5	16.2	24.5	3.32

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280589

PROJECT:

5623 McADAM ROAD
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017		DATE REPORTED: Dec 18, 2017		SAMPLE TYPE: Other									
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	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
126393 (8881076)	3.81	1.73	9.0	0.006	<5	262	0.56	0.08	1.33	0.25	16.4	13.8	18.6	2.44
126394 (8881077)	0.84	0.79	5.9	<0.005	<5	133	0.13	0.08	0.10	0.05	8.77	5.2	11.6	1.19
126395 (8881078)	5.94	1.65	6.4	<0.005	<5	194	0.69	0.06	0.57	0.43	18.8	26.3	26.6	2.34
126396 (8881079)	6.91	1.87	8.2	<0.005	<5	167	0.74	0.07	0.39	0.21	19.0	27.4	26.7	1.47
126397 (8881080)	0.69	1.89	9.4	<0.005	<5	139	0.41	0.06	0.20	0.03	6.53	27.9	19.2	1.88
126398 (8881081)	1.86	2.08	9.7	<0.005	<5	245	0.71	0.04	0.92	0.16	25.9	29.1	25.0	1.36
126399 (8881082)	1.59	2.19	8.0	<0.005	<5	134	0.58	0.07	0.72	0.24	39.8	29.4	31.8	1.20
126400 (8881083)	0.93	2.39	4.7	<0.005	5	370	0.65	0.04	1.16	0.10	22.3	32.7	37.2	1.45
126401 (8881084)	0.63	1.58	8.1	<0.005	<5	105	0.24	0.06	0.13	0.11	7.37	11.3	24.7	0.67
126402 (8881085)	2.19	1.72	7.8	<0.005	<5	142	0.42	0.06	0.32	0.10	9.63	13.7	25.9	0.76
126403 (8881086)	1.00	3.04	12.7	<0.005	<5	130	0.30	0.05	0.24	0.16	9.41	8.9	28.6	1.00
126404 (8881087)	0.77	2.05	11.7	<0.005	<5	207	0.41	0.06	0.30	0.11	11.9	12.5	25.4	1.72
126405 (8881088)	0.66	1.71	9.5	<0.005	<5	136	0.39	0.05	0.51	0.19	12.4	12.9	17.9	1.16
126406 (8881089)	0.94	1.75	8.6	<0.005	<5	112	0.37	0.06	0.27	0.11	10.4	15.2	25.4	1.66
126407 (8881090)	2.87	2.05	7.7	<0.005	<5	65	0.56	0.11	0.37	0.08	7.93	19.8	54.8	1.72
126408 (8881091)	1.89	2.99	12.0	<0.005	<5	49	0.89	0.07	0.83	0.12	12.0	31.6	69.1	0.53
126409 (8881092)	0.47	4.34	12.1	<0.005	<5	104	1.02	0.02	0.79	0.12	17.4	50.9	60.6	1.26
126410 (8881093)	11.0	3.70	12.1	0.009	<5	135	0.95	0.08	0.69	0.20	19.7	33.3	67.6	1.70
126411 (8881094)	1.55	2.34	11.6	<0.005	<5	124	0.58	0.06	1.09	0.09	17.0	27.2	59.5	2.96
126412 (8881095)	2.36	1.43	9.0	<0.005	<5	308	0.95	0.10	1.20	0.25	18.3	17.1	18.1	3.47
126413 (8881096)	0.54	1.15	7.1	<0.005	<5	94	0.20	0.11	0.14	0.03	5.16	7.3	9.1	1.60
126414 (8881097)	0.26	1.17	13.9	<0.005	<5	159	0.75	0.08	0.35	0.07	14.9	18.8	12.6	1.43
126415 (8881098)	0.34	1.13	12.1	<0.005	<5	227	0.67	0.07	0.47	0.09	14.6	16.2	11.6	1.32
126416 (8881099)	0.34	1.31	13.6	<0.005	<5	170	0.54	0.09	0.16	0.04	10.6	17.0	10.3	1.23
126417 (8881100)	1.40	2.15	9.4	<0.005	<5	179	0.72	0.07	0.67	0.10	33.1	24.9	29.4	2.06
126418 (8881101)	0.76	2.01	9.2	<0.005	<5	151	0.59	0.08	0.62	0.07	21.7	24.6	26.7	1.56
126419 (8881102)	0.84	2.07	9.7	<0.005	<5	176	0.73	0.07	0.65	0.14	41.1	23.0	24.0	1.85
126420 (8881103)	1.23	1.87	7.1	0.008	<5	163	0.17	0.12	0.12	0.03	6.18	12.9	18.9	0.70
126421 (8881104)	0.77	1.31	3.7	<0.005	<5	97	0.14	0.09	0.16	0.04	5.62	6.0	16.4	1.21
126422 (8881105)	0.86	1.42	16.6	<0.005	<5	178	0.69	0.10	0.42	0.26	20.5	16.8	11.3	2.66
126423 (8881106)	2.52	2.34	55.2	0.006	<5	202	0.94	0.09	0.90	3.73	38.8	28.1	22.1	3.73
126424 (8881107)	0.42	0.84	9.6	<0.005	<5	265	0.95	0.13	0.75	0.22	15.5	17.3	11.4	1.75

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280589

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: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017

DATE RECEIVED: Nov 06, 2017

DATE REPORTED: Dec 18, 2017

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.01	Al % 0.01	As ppm 0.1	Au ppm 0.005	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
126425 (8881108)		0.64	1.13	11.2	<0.005	<5	234	0.94	0.11	0.45	0.11	13.4	17.7	5.8	2.52
126426 (8881109)		0.39	1.09	8.0	<0.005	<5	162	0.83	0.11	0.34	0.08	10.9	14.3	7.2	2.10
126427 (8881110)		0.73	1.02	9.0	<0.005	<5	174	0.82	0.11	0.35	0.10	13.8	16.3	8.2	1.99
126428 (8881111)		0.74	1.63	7.8	<0.005	<5	152	1.25	0.10	0.55	0.14	16.8	21.8	8.6	3.92
126429 (8881112)		1.09	1.47	12.3	<0.005	<5	221	0.96	0.10	0.67	0.16	17.1	20.8	11.9	2.68
126430 (8881113)		0.91	1.27	9.7	<0.005	<5	175	0.94	0.09	0.34	0.12	15.4	18.3	7.1	2.36
126431 (8881114)		0.80	1.14	7.8	<0.005	<5	235	1.13	0.10	0.51	0.18	16.4	18.7	5.3	2.31
126432 (8881115)		0.31	2.13	7.0	<0.005	<5	307	0.41	0.11	0.70	0.12	10.5	12.4	22.1	1.69

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017

DATE RECEIVED: Nov 06, 2017

DATE REPORTED: Dec 18, 2017

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
126361 (8881044)		21.6	3.18	7.16	0.17	<0.02	0.02	0.026	0.02	5.8	7.5	0.27	701	0.45	0.01
126362 (8881045)		19.1	3.58	8.13	<0.05	0.03	0.05	0.046	0.04	6.6	11.9	0.50	589	0.40	0.01
126363 (8881046)		7.8	2.94	3.42	0.18	0.03	0.01	0.011	0.03	2.8	0.8	0.08	186	0.46	0.02
126364 (8881047)		37.2	3.42	6.94	<0.05	0.04	0.09	0.048	0.03	10.9	9.3	0.56	1850	0.55	0.02
126365 (8881048)		17.2	3.67	6.40	0.27	0.27	0.04	0.024	0.04	6.9	6.1	0.40	406	0.33	0.01
126366 (8881049)		21.3	3.80	8.75	0.38	0.20	0.06	0.036	0.06	3.6	10.6	0.67	393	0.49	0.02
126367 (8881050)		23.6	2.96	4.26	0.49	0.05	0.03	0.042	0.04	3.0	6.5	0.52	1270	0.21	0.02
126368 (8881051)		6.7	3.03	8.86	0.47	0.06	0.02	0.017	0.03	3.0	4.6	0.55	632	0.44	0.01
126369 (8881052)		14.9	3.86	6.97	0.50	0.14	0.10	0.063	0.03	2.5	15.4	0.73	769	0.57	0.01
126370 (8881053)		3.2	1.23	4.99	0.59	0.04	0.04	<0.005	0.03	1.8	0.6	0.05	136	0.17	0.02
126371 (8881054)		8.9	4.85	12.3	0.49	0.14	0.13	0.053	0.03	2.3	12.0	0.61	791	0.75	0.01
126372 (8881055)		15.1	3.66	7.14	0.46	0.13	0.05	0.046	0.03	2.7	12.5	0.69	723	0.48	0.01
126373 (8881056)		5.0	2.79	8.62	0.64	0.06	0.05	0.012	0.02	2.1	3.3	0.34	275	0.33	0.01
126374 (8881057)		9.1	3.34	6.41	0.61	0.09	0.03	0.024	0.02	1.9	6.6	0.46	376	0.36	0.01
126375 (8881058)		24.6	3.36	5.89	0.30	0.11	0.10	0.039	0.03	9.9	16.3	1.02	3630	0.36	0.02
126376 (8881059)		23.4	2.99	6.68	0.14	0.06	0.01	0.041	0.04	6.5	17.8	1.20	1720	0.26	0.02
126377 (8881060)		21.4	3.04	6.48	0.18	0.05	0.04	0.032	0.04	4.1	11.1	0.90	1460	0.37	0.02
126378 (8881061)		37.6	2.55	4.98	0.14	0.11	0.07	0.031	0.05	5.2	9.8	0.91	2180	0.29	0.03
126379 (8881062)		68.7	3.01	6.22	0.28	0.07	0.06	0.040	0.05	14.4	12.6	0.83	796	0.33	0.03
126380 (8881063)		59.8	3.26	6.16	0.39	0.03	0.05	0.051	0.03	3.6	11.0	0.62	759	0.38	0.01
126381 (8881064)		211	2.54	9.24	0.09	0.19	0.27	0.053	0.05	36.9	10.5	0.68	18700	3.27	0.01
126382 (8881065)		367	3.19	11.3	0.39	0.18	0.20	0.053	0.05	44.3	16.3	0.82	19100	3.24	0.01
126383 (8881066)		29.4	4.98	16.3	0.54	<0.02	0.11	0.038	0.03	3.9	5.6	0.43	945	0.79	0.01
126384 (8881067)		33.2	3.36	8.48	0.61	<0.02	0.05	0.030	0.03	2.6	7.9	0.62	744	0.26	0.01
126385 (8881068)		32.4	3.08	8.41	0.65	<0.02	0.05	0.026	0.02	2.0	5.0	0.38	596	0.36	0.01
126386 (8881069)		960	1.95	4.78	0.41	0.08	0.14	0.033	0.04	24.8	8.7	0.63	2670	0.37	0.01
126387 (8881070)		83.8	4.33	8.29	0.51	0.02	0.05	0.061	0.03	2.6	9.7	0.68	2480	0.35	<0.01
126388 (8881071)		77.0	3.48	6.62	0.50	0.34	0.13	0.061	0.04	3.0	9.8	0.53	1680	0.35	0.01
126389 (8881072)		34.1	3.75	8.39	0.63	0.15	0.12	0.040	0.03	2.7	8.3	0.42	689	0.48	0.01
126390 (8881073)		12.8	4.45	14.0	0.67	0.08	0.09	0.024	0.02	3.3	3.2	0.23	330	0.66	0.01
126391 (8881074)		140	3.40	7.56	0.32	0.11	0.06	0.053	0.05	8.7	16.9	0.90	2310	0.44	0.02
126392 (8881075)		350	3.22	7.68	0.26	0.16	0.07	0.055	0.05	17.6	14.9	0.87	5090	0.65	0.02

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280589

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017		DATE REPORTED: Dec 18, 2017		SAMPLE TYPE: Other									
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:	0.5	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
126393 (8881076)	431	2.54	6.32	<0.05	0.18	0.13	0.042	0.06	11.7	11.8	0.82	3240	0.55	0.01
126394 (8881077)	18.8	2.51	5.11	0.34	0.02	0.02	0.023	0.03	3.2	3.7	0.26	372	0.22	0.01
126395 (8881078)	708	4.39	9.15	0.36	0.09	0.03	0.039	0.07	7.6	17.2	1.42	3170	0.28	0.01
126396 (8881079)	767	4.57	10.6	0.40	0.10	0.08	0.050	0.05	6.1	18.9	1.57	3800	0.26	0.01
126397 (8881080)	124	4.24	12.4	0.41	0.03	0.04	0.047	0.04	2.6	15.6	1.21	3850	0.31	<0.01
126398 (8881081)	430	4.53	11.8	0.46	0.14	0.08	0.040	0.08	10.2	24.6	1.94	5680	0.32	0.01
126399 (8881082)	375	4.82	13.3	0.45	0.14	0.04	0.052	0.06	16.5	23.8	2.35	5330	0.38	0.01
126400 (8881083)	132	4.88	13.8	0.35	0.15	0.02	0.040	0.10	9.6	27.7	2.51	5330	0.40	0.01
126401 (8881084)	60.6	3.23	6.80	0.28	0.04	0.04	0.041	0.02	3.0	10.2	0.80	1030	0.42	0.01
126402 (8881085)	63.7	3.21	7.12	0.24	0.02	0.06	0.041	0.03	3.6	13.2	0.96	1450	0.36	0.02
126403 (8881086)	35.1	2.96	6.04	0.36	0.07	0.14	0.051	0.02	3.6	10.8	0.55	553	0.59	0.01
126404 (8881087)	39.0	3.03	6.66	0.31	0.09	0.06	0.044	0.05	5.2	12.3	0.84	1120	0.32	0.02
126405 (8881088)	60.4	2.92	5.61	0.45	0.04	0.03	0.037	0.04	4.2	8.1	0.66	1630	0.29	0.02
126406 (8881089)	58.6	3.03	7.63	0.36	0.02	0.04	0.045	0.03	3.4	10.6	0.83	2850	0.41	0.01
126407 (8881090)	133	4.54	14.1	0.47	0.03	0.17	0.048	0.03	3.7	18.3	1.72	3560	0.68	0.01
126408 (8881091)	189	4.02	16.0	0.37	0.06	0.14	0.080	0.01	4.1	26.0	3.37	5520	0.60	0.01
126409 (8881092)	36.2	4.00	20.7	0.62	0.06	0.05	0.067	0.01	6.6	36.9	7.02	10400	0.33	0.01
126410 (8881093)	724	4.83	15.9	0.37	0.36	0.09	0.071	0.02	8.7	31.6	2.98	8470	0.41	0.01
126411 (8881094)	507	4.44	10.8	0.51	0.19	0.03	0.046	0.05	9.2	29.5	2.70	3400	0.28	0.02
126412 (8881095)	228	3.40	7.11	0.37	0.21	0.09	0.065	0.06	14.7	9.3	0.81	4190	0.43	0.01
126413 (8881096)	31.6	3.76	7.73	0.57	0.05	0.03	0.040	0.05	2.7	3.5	0.38	931	0.27	<0.01
126414 (8881097)	88.1	4.48	5.78	0.48	0.08	<0.01	0.069	0.10	5.3	10.5	0.89	2950	0.31	0.01
126415 (8881098)	132	4.00	5.17	0.53	0.10	0.04	0.063	0.08	5.8	10.7	0.86	2850	0.26	0.01
126416 (8881099)	46.3	4.43	6.39	0.68	0.09	0.06	0.072	0.06	4.3	7.2	0.63	2100	0.30	0.01
126417 (8881100)	397	4.71	10.2	0.52	0.11	0.04	0.062	0.09	10.0	19.7	1.62	3660	0.25	0.02
126418 (8881101)	197	4.61	10.1	0.39	0.09	0.07	0.048	0.06	6.5	17.5	1.44	3310	0.22	0.02
126419 (8881102)	409	4.60	10.3	0.44	0.10	0.03	0.057	0.09	12.9	21.1	1.62	3710	0.25	0.02
126420 (8881103)	79.2	5.10	14.5	0.55	0.03	0.04	0.036	0.03	2.9	9.9	0.87	1230	0.45	0.01
126421 (8881104)	30.8	3.50	10.5	0.69	0.04	0.04	0.025	0.04	4.1	5.0	0.44	448	0.44	0.02
126422 (8881105)	141	4.29	10.5	0.59	0.04	0.09	0.068	0.05	7.8	9.7	0.55	3500	0.38	0.01
126423 (8881106)	1020	5.64	14.1	0.17	0.14	0.06	0.070	0.07	16.4	29.9	1.73	5820	0.38	0.01
126424 (8881107)	98.3	3.13	3.33	0.11	0.11	0.25	0.067	0.07	8.0	5.7	0.43	3680	0.58	0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280589

PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017

DATE RECEIVED: Nov 06, 2017

DATE REPORTED: Dec 18, 2017

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
		0.5	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
126425 (8881108)		146	4.07	3.87	<0.05	0.10	0.05	0.078	0.10	5.7	7.6	0.53	2940	0.23	0.01
126426 (8881109)		152	3.80	3.77	0.22	0.06	0.01	0.068	0.07	4.3	7.2	0.47	2230	0.22	0.01
126427 (8881110)		121	3.91	3.91	0.19	0.05	0.06	0.081	0.07	5.4	6.8	0.35	2960	0.41	<0.01
126428 (8881111)		376	5.12	5.71	0.07	0.09	0.03	0.091	0.07	5.7	10.9	0.62	3750	0.36	<0.01
126429 (8881112)		456	4.78	6.25	<0.05	0.12	0.02	0.083	0.13	6.8	13.1	1.04	3650	0.30	0.01
126430 (8881113)		327	4.43	4.76	0.24	0.07	0.02	0.077	0.11	5.6	8.7	0.68	3170	0.33	<0.01
126431 (8881114)		550	4.26	4.36	<0.05	0.11	0.05	0.080	0.14	6.4	8.9	0.67	3450	0.26	<0.01
126432 (8881115)		28.1	4.19	9.25	<0.05	0.03	0.06	0.050	0.05	6.1	14.9	0.71	690	0.34	0.01

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017							DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other			
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	0.5	10	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
126361 (8881044)	3.99	5.5	272	11.2	3.1	0.044	0.02	0.55	2.2	0.4	1.4	37.0	0.02	0.02	
126362 (8881045)	1.49	9.7	498	8.9	3.7	0.046	0.04	0.49	2.4	0.5	0.8	67.6	0.02	<0.01	
126363 (8881046)	1.26	3.1	200	6.8	2.7	0.035	0.03	0.53	1.5	<0.2	1.0	38.0	0.02	0.01	
126364 (8881047)	1.10	11.6	981	8.7	4.5	0.041	0.07	0.41	2.1	0.6	0.6	75.4	0.02	0.03	
126365 (8881048)	2.05	8.8	270	9.9	4.7	0.044	0.03	0.59	3.3	0.4	1.0	78.3	0.05	0.04	
126366 (8881049)	1.25	18.1	419	7.1	6.3	0.045	0.01	0.52	5.6	0.2	0.6	60.2	0.03	0.03	
126367 (8881050)	0.34	10.1	597	10.5	2.4	0.038	0.01	0.52	3.9	<0.2	0.5	22.5	0.01	0.04	
126368 (8881051)	1.60	10.5	818	10.1	4.5	0.043	0.01	0.49	2.5	<0.2	0.9	17.8	0.02	0.05	
126369 (8881052)	1.73	19.1	1970	8.1	4.0	0.038	0.02	0.57	4.6	<0.2	0.6	14.6	0.03	0.05	
126370 (8881053)	0.28	2.0	293	6.8	1.9	0.037	0.01	0.30	0.5	<0.2	0.7	10.2	0.02	0.01	
126371 (8881054)	3.36	13.8	1690	10.2	5.0	0.041	0.02	0.68	4.0	0.5	0.9	16.4	0.03	0.05	
126372 (8881055)	1.04	17.8	1440	10.2	6.6	0.040	0.01	0.62	5.0	0.5	0.6	18.4	0.01	0.02	
126373 (8881056)	1.19	9.1	430	11.4	2.6	0.041	<0.01	0.53	2.3	<0.2	0.8	12.7	0.01	<0.01	
126374 (8881057)	0.86	10.3	998	9.7	3.8	0.040	0.02	0.66	3.2	0.3	0.6	10.6	0.01	<0.01	
126375 (8881058)	0.46	21.0	673	9.3	3.3	0.041	0.03	0.49	11.4	1.8	0.5	41.1	0.02	<0.01	
126376 (8881059)	0.52	23.2	633	8.5	4.6	0.040	0.02	0.53	8.6	0.3	0.5	28.1	<0.01	0.05	
126377 (8881060)	0.49	19.8	899	14.6	4.1	0.038	0.04	0.59	4.2	0.3	0.4	33.1	0.02	<0.01	
126378 (8881061)	0.39	18.9	897	18.0	3.2	0.038	0.04	0.56	6.8	<0.2	0.3	29.2	0.02	<0.01	
126379 (8881062)	0.38	18.6	773	9.1	3.3	0.038	0.03	0.70	9.5	1.5	0.5	84.8	0.01	0.02	
126380 (8881063)	0.83	12.9	476	15.4	3.2	0.039	0.02	0.55	4.6	<0.2	0.6	21.0	<0.01	0.03	
126381 (8881064)	1.09	16.7	2050	24.1	5.7	0.040	0.15	3.26	12.7	5.4	0.5	97.6	0.05	0.04	
126382 (8881065)	0.48	22.5	2090	16.1	6.5	0.044	0.12	1.75	16.5	4.1	0.6	61.0	0.03	0.05	
126383 (8881066)	5.97	9.2	793	23.6	2.9	0.040	0.04	0.63	1.7	0.2	1.6	15.6	0.01	0.05	
126384 (8881067)	0.65	11.7	369	20.6	1.8	0.037	0.02	0.53	1.6	<0.2	0.7	17.5	<0.01	0.04	
126385 (8881068)	0.43	7.2	447	13.3	2.1	0.040	0.03	0.46	1.0	<0.2	0.6	11.9	<0.01	0.07	
126386 (8881069)	0.33	10.4	1350	11.7	8.6	0.033	0.12	0.85	3.9	1.6	0.4	72.2	0.03	<0.01	
126387 (8881070)	0.38	11.3	1160	14.6	2.3	0.031	0.03	0.57	2.1	<0.2	0.6	15.0	<0.01	0.03	
126388 (8881071)	0.87	11.6	1560	9.3	3.7	0.042	0.04	0.67	2.8	<0.2	0.6	23.9	0.04	0.09	
126389 (8881072)	1.70	11.2	650	9.7	2.1	0.039	0.04	0.47	2.4	0.3	0.6	33.6	0.04	0.06	
126390 (8881073)	3.22	6.7	941	16.7	2.4	0.042	0.02	0.64	2.8	<0.2	1.1	28.0	0.03	0.08	
126391 (8881074)	0.31	16.8	822	20.4	7.2	0.040	0.03	0.63	7.8	0.9	0.6	46.3	0.02	0.04	
126392 (8881075)	0.40	18.3	1110	33.5	7.9	0.039	0.04	0.60	10.8	1.5	0.6	43.2	0.02	0.09	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280589

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017							DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other			
Analyte: Unit: RDL:	Nb ppm 0.05	Ni ppm 0.5	P ppm 10	Pb ppm 0.1	Rb ppm 0.1	Re ppm 0.001	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 0.2	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.01	Te ppm 0.01	
126393 (8881076)	0.47	15.5	1190	38.2	6.9	0.037	0.09	0.56	8.7	1.3	0.5	57.5	0.04	0.06	
126394 (8881077)	0.61	6.4	482	11.8	3.4	0.040	0.01	0.51	1.9	<0.2	0.8	21.4	0.01	0.01	
126395 (8881078)	0.21	30.9	1130	241	6.1	0.034	0.04	0.41	10.0	0.8	0.5	21.3	0.01	0.03	
126396 (8881079)	0.18	29.0	1740	375	4.9	0.032	0.06	0.35	7.3	0.2	0.5	27.6	<0.01	<0.01	
126397 (8881080)	0.30	20.9	1150	21.0	7.2	0.034	0.04	0.32	2.5	0.4	0.6	36.6	<0.01	0.02	
126398 (8881081)	0.28	31.3	1150	20.7	6.0	0.031	0.03	0.42	14.5	0.6	0.5	62.0	<0.01	<0.01	
126399 (8881082)	0.15	27.6	970	98.0	6.0	0.030	0.02	0.29	17.9	1.1	0.8	33.6	<0.01	0.06	
126400 (8881083)	0.28	38.7	868	16.2	6.3	0.034	0.03	0.35	16.0	0.8	0.6	126	<0.01	0.02	
126401 (8881084)	0.69	17.2	504	36.2	1.8	0.031	0.04	0.46	2.8	0.4	0.6	26.2	<0.01	0.01	
126402 (8881085)	0.42	19.7	697	33.1	2.3	0.037	0.03	0.46	2.9	0.2	0.6	38.3	<0.01	0.03	
126403 (8881086)	0.85	14.7	934	7.1	2.1	0.033	0.07	0.41	3.2	0.2	0.4	39.0	0.01	0.02	
126404 (8881087)	0.37	19.5	711	9.0	4.2	0.034	0.03	0.50	5.8	0.2	0.6	53.7	<0.01	<0.01	
126405 (8881088)	0.54	15.4	669	19.4	3.1	0.026	0.03	0.41	5.1	<0.2	0.5	60.3	<0.01	0.05	
126406 (8881089)	0.61	18.1	749	41.5	4.5	0.035	0.06	0.44	2.9	0.3	0.5	33.8	<0.01	<0.01	
126407 (8881090)	1.73	34.1	1400	636	2.2	0.027	0.12	0.40	3.6	<0.2	0.7	34.5	<0.01	0.06	
126408 (8881091)	1.42	54.8	1040	133	0.7	0.030	0.09	0.50	11.6	0.3	0.5	44.7	0.01	0.03	
126409 (8881092)	1.06	88.0	902	9.4	0.6	0.028	0.07	0.68	24.2	0.8	0.4	53.7	<0.01	0.01	
126410 (8881093)	1.56	55.7	1100	589	2.2	0.034	0.08	0.69	18.2	1.2	0.6	59.0	0.02	<0.01	
126411 (8881094)	0.96	46.6	861	77.3	5.0	0.033	0.04	0.67	19.6	1.3	0.6	47.9	0.02	<0.01	
126412 (8881095)	0.49	10.4	1260	26.2	17.0	0.033	0.08	1.00	11.1	1.5	0.6	56.8	0.03	0.05	
126413 (8881096)	0.41	6.2	854	20.9	7.3	0.031	0.02	0.57	3.5	0.2	1.0	10.7	0.01	0.06	
126414 (8881097)	0.39	12.2	1390	26.0	6.6	0.030	0.02	0.62	9.6	0.4	0.8	14.0	<0.01	0.04	
126415 (8881098)	0.38	11.5	943	23.0	6.4	0.031	0.02	0.58	10.6	0.4	0.7	18.7	0.01	0.02	
126416 (8881099)	0.39	8.9	939	20.3	6.8	0.030	0.02	0.61	7.7	0.2	0.9	13.2	<0.01	0.04	
126417 (8881100)	0.43	23.3	1140	175	7.5	0.026	0.03	0.55	12.6	0.7	0.6	44.6	<0.01	0.04	
126418 (8881101)	0.42	20.4	1490	155	6.3	0.030	0.04	0.51	10.0	0.5	0.6	42.4	<0.01	0.07	
126419 (8881102)	0.38	21.5	977	196	5.8	0.034	0.03	0.52	13.4	0.8	0.6	44.4	<0.01	0.02	
126420 (8881103)	0.84	13.5	581	87.3	3.5	0.032	0.02	0.63	3.7	<0.2	0.9	32.9	<0.01	0.03	
126421 (8881104)	0.61	10.1	516	52.7	5.0	0.026	0.02	0.75	3.2	<0.2	1.0	20.2	<0.01	0.06	
126422 (8881105)	0.26	8.1	1840	462	11.2	0.027	0.05	0.45	3.7	0.6	0.7	20.8	<0.01	0.02	
126423 (8881106)	0.46	21.9	1010	1980	6.8	0.032	0.04	0.88	18.0	1.2	0.8	34.5	<0.01	0.08	
126424 (8881107)	0.41	11.1	1030	40.6	5.5	0.030	0.06	0.70	12.3	1.2	0.8	30.7	0.02	0.07	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280589

PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017

DATE RECEIVED: Nov 06, 2017

DATE REPORTED: Dec 18, 2017

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Nb ppm 0.05	Ni ppm 0.5	P ppm 10	Pb ppm 0.1	Rb ppm 0.1	Re ppm 0.001	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 0.2	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.01	Te ppm 0.01
126425 (8881108)		0.37	8.7	820	19.7	7.5	0.037	0.02	0.87	13.6	0.6	1.0	24.4	<0.01	0.02
126426 (8881109)		0.47	8.5	739	17.8	6.5	0.030	0.01	0.69	10.2	0.3	0.9	22.0	<0.01	0.03
126427 (8881110)		0.45	8.2	773	22.9	7.1	0.035	0.02	0.75	10.2	0.3	1.0	17.1	<0.01	0.07
126428 (8881111)		0.27	9.5	1350	26.3	11.0	0.036	0.03	0.84	14.3	0.7	0.9	17.1	<0.01	0.02
126429 (8881112)		0.48	14.9	925	51.2	9.3	0.034	0.02	0.95	15.9	0.5	0.8	23.4	<0.01	0.02
126430 (8881113)		0.41	9.4	1120	40.8	8.9	0.033	0.03	0.84	12.5	0.7	0.8	15.5	<0.01	0.01
126431 (8881114)		0.40	9.3	1170	42.1	8.3	0.036	0.02	0.83	14.6	0.6	0.9	16.3	<0.01	0.06
126432 (8881115)		1.29	15.3	556	12.7	4.8	0.035	0.02	0.64	6.9	0.6	0.9	70.1	<0.01	0.03

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyle Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
126361 (8881044)	<0.1	0.104	<0.01	0.98	106	0.21	8.43	73.5	<0.5	
126362 (8881045)	<0.1	0.092	<0.01	0.69	97.4	0.14	17.7	90.6	<0.5	
126363 (8881046)	0.1	0.076	<0.01	0.30	79.2	0.22	1.89	31.3	1.1	
126364 (8881047)	<0.1	0.061	<0.01	0.99	96.2	0.13	32.1	92.0	0.6	
126365 (8881048)	0.3	0.123	<0.01	0.50	89.7	0.15	12.6	46.0	1.1	
126366 (8881049)	0.7	0.137	<0.01	0.34	115	0.17	4.59	58.1	6.2	
126367 (8881050)	0.2	0.068	<0.01	0.25	80.0	0.15	5.43	109	0.6	
126368 (8881051)	0.2	0.180	<0.01	0.26	84.5	0.22	1.99	60.4	1.0	
126369 (8881052)	0.6	0.113	<0.01	0.27	101	0.17	3.67	107	4.5	
126370 (8881053)	<0.1	0.059	0.01	0.11	39.5	<0.05	0.65	12.3	<0.5	
126371 (8881054)	0.6	0.199	<0.01	0.25	153	0.20	2.13	80.3	5.8	
126372 (8881055)	0.7	0.137	<0.01	0.25	111	0.16	3.77	97.8	5.4	
126373 (8881056)	0.3	0.175	<0.01	0.18	100	0.15	1.34	39.7	2.6	
126374 (8881057)	0.3	0.128	<0.01	0.21	110	0.14	2.00	61.3	3.2	
126375 (8881058)	0.4	0.078	<0.01	1.07	323	0.21	27.0	137	3.2	
126376 (8881059)	0.3	0.082	<0.01	0.59	110	0.15	16.1	158	1.4	
126377 (8881060)	0.2	0.078	<0.01	0.29	124	0.15	8.59	100	1.1	
126378 (8881061)	0.3	0.066	<0.01	0.28	72.6	0.10	11.9	122	3.3	
126379 (8881062)	0.4	0.082	<0.01	0.45	93.8	0.37	49.8	97.9	1.3	
126380 (8881063)	0.3	0.068	<0.01	0.43	83.6	0.20	4.84	121	1.0	
126381 (8881064)	0.3	0.031	0.32	1.84	90.6	0.53	188	204	3.7	
126382 (8881065)	0.3	0.034	0.24	2.23	124	0.39	243	282	3.6	
126383 (8881066)	<0.1	0.106	<0.01	0.47	136	0.33	4.23	94.9	<0.5	
126384 (8881067)	<0.1	0.086	<0.01	0.26	99.1	0.17	2.74	106	<0.5	
126385 (8881068)	<0.1	0.072	<0.01	0.32	89.2	0.17	1.45	77.0	<0.5	
126386 (8881069)	0.1	0.035	<0.01	0.92	68.8	0.18	51.5	112	1.1	
126387 (8881070)	<0.1	0.056	<0.01	0.33	103	0.24	2.27	131	0.5	
126388 (8881071)	0.5	0.062	<0.01	0.38	88.3	0.25	4.08	108	1.0	
126389 (8881072)	0.2	0.113	<0.01	0.33	103	0.15	2.37	51.4	1.3	
126390 (8881073)	0.3	0.223	<0.01	0.30	158	0.26	1.97	47.2	1.4	
126391 (8881074)	0.2	0.049	0.02	4.86	103	0.19	26.3	148	1.5	
126392 (8881075)	0.4	0.038	0.05	2.19	88.8	0.22	43.1	202	2.9	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280589

PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyle Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
126393 (8881076)	0.3	0.035	0.03	0.93	64.3	0.15	25.6	144	2.4	
126394 (8881077)	0.1	0.085	<0.01	0.25	73.3	0.15	3.08	42.5	<0.5	
126395 (8881078)	0.4	0.035	<0.01	0.35	135	0.23	16.7	222	1.8	
126396 (8881079)	0.3	0.042	<0.01	0.39	130	0.20	12.3	229	1.5	
126397 (8881080)	<0.1	0.072	<0.01	0.28	166	0.21	3.19	205	<0.5	
126398 (8881081)	0.5	0.071	<0.01	0.35	179	0.40	20.6	303	2.9	
126399 (8881082)	0.7	0.071	<0.01	0.33	142	0.16	32.3	301	3.9	
126400 (8881083)	0.5	0.164	<0.01	0.37	177	0.14	21.3	309	4.7	
126401 (8881084)	0.1	0.087	<0.01	0.45	103	0.15	3.93	115	0.9	
126402 (8881085)	<0.1	0.081	<0.01	0.41	109	0.14	5.78	140	<0.5	
126403 (8881086)	0.1	0.080	<0.01	0.49	74.3	0.06	4.30	69.3	2.3	
126404 (8881087)	0.3	0.071	<0.01	0.43	94.7	0.09	9.26	105	2.3	
126405 (8881088)	0.2	0.097	<0.01	0.37	92.0	0.09	8.73	94.5	1.2	
126406 (8881089)	<0.1	0.094	<0.01	0.43	108	0.10	5.96	136	<0.5	
126407 (8881090)	<0.1	0.208	<0.01	0.66	233	0.21	4.85	245	1.3	
126408 (8881091)	<0.1	0.189	<0.01	0.74	199	0.20	10.7	399	3.3	
126409 (8881092)	<0.1	0.188	<0.01	0.48	143	0.17	22.1	726	2.2	
126410 (8881093)	0.5	0.166	<0.01	0.64	214	0.30	29.0	447	2.2	
126411 (8881094)	0.4	0.163	<0.01	0.95	156	0.21	30.5	318	3.6	
126412 (8881095)	0.4	0.030	0.02	0.60	101	0.43	49.2	161	2.0	
126413 (8881096)	0.1	0.044	0.01	0.36	103	0.37	2.27	120	<0.5	
126414 (8881097)	0.7	0.047	<0.01	0.48	99.2	0.43	14.3	213	1.9	
126415 (8881098)	0.6	0.044	<0.01	0.48	90.7	0.44	17.0	202	1.9	
126416 (8881099)	0.4	0.042	<0.01	0.46	94.3	0.45	8.66	168	1.2	
126417 (8881100)	0.6	0.069	<0.01	0.37	126	0.23	16.7	171	3.0	
126418 (8881101)	0.5	0.063	<0.01	0.34	116	0.41	11.8	151	2.2	
126419 (8881102)	0.6	0.069	<0.01	0.36	123	0.19	20.3	173	3.2	
126420 (8881103)	0.1	0.153	<0.01	0.30	205	0.16	2.67	102	0.7	
126421 (8881104)	0.1	0.105	<0.01	0.24	127	0.14	2.21	64.9	0.8	
126422 (8881105)	<0.1	0.049	0.01	0.45	112	0.27	12.8	113	<0.5	
126423 (8881106)	0.6	0.096	<0.01	0.89	170	0.48	40.0	359	3.8	
126424 (8881107)	0.4	0.034	<0.01	0.44	63.0	15.3	44.4	171	1.5	

Certified By:



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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyle Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017			DATE REPORTED: Dec 18, 2017			SAMPLE TYPE: Other			
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:									
126425 (8881108)	0.7	0.039	<0.01	0.50	81.0	0.68	26.2	201	2.6	
126426 (8881109)	0.7	0.037	0.01	0.38	77.2	0.48	16.1	176	1.9	
126427 (8881110)	0.6	0.029	<0.01	0.39	77.3	0.62	22.8	167	1.3	
126428 (8881111)	0.6	0.025	0.03	0.49	98.0	0.67	18.3	210	1.8	
126429 (8881112)	0.7	0.072	<0.01	0.49	121	0.57	27.0	241	3.7	
126430 (8881113)	0.6	0.045	<0.01	0.46	95.5	0.61	19.0	208	1.9	
126431 (8881114)	0.8	0.043	<0.01	0.46	85.8	0.61	25.0	233	3.1	
126432 (8881115)	0.3	0.112	<0.01	0.98	125	0.15	11.0	112	0.7	

Comments: RDL - Reported Detection Limit

8881044-8881115 Au determination by this method is semi-quantitative due to small sample size.

Certified By:



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	8881044	0.58	0.45	25.2%	8881062	0.62	0.62	0.0%	8881081	1.86	1.98	6.3%	8881099	0.34	0.37	8.5%
Al	8881044	0.782	0.762	2.6%	8881062	2.06	2.07	0.5%	8881081	2.08	2.09	0.5%	8881099	1.31	1.31	0.0%
As	8881044	6.4	6.1	4.8%	8881062	9.37	7.69	19.7%	8881081	9.7	8.2	16.8%	8881099	13.6	12.4	9.2%
Au	8881044	< 0.005	< 0.005	0.0%	8881062	< 0.005	< 0.005	0.0%	8881081	< 0.005	< 0.005	0.0%	8881099	< 0.005	< 0.005	0.0%
B	8881044	< 5	< 5	0.0%	8881062	< 5	< 5	0.0%	8881081	< 5	< 5	0.0%	8881099	< 5	< 5	0.0%
Ba	8881044	118	116	1.7%	8881062	209	206	1.4%	8881081	245	246	0.4%	8881099	170	171	0.6%
Be	8881044	0.22	0.27	20.4%	8881062	0.595	0.602	1.2%	8881081	0.707	0.691	2.3%	8881099	0.541	0.588	8.3%
Bi	8881044	0.140	0.149	6.2%	8881062	0.06	0.06	0.0%	8881081	0.04	0.04	0.0%	8881099	0.092	0.095	3.2%
Ca	8881044	0.43	0.42	2.4%	8881062	0.884	0.889	0.6%	8881081	0.924	0.934	1.1%	8881099	0.16	0.16	0.0%
Cd	8881044	0.07	0.08	13.3%	8881062	0.151	0.131	14.2%	8881081	0.155	0.143	8.1%	8881099	0.043	0.046	6.7%
Ce	8881044	7.84	7.89	0.6%	8881062	13.3	14.0	5.1%	8881081	25.9	26.0	0.4%	8881099	10.6	10.2	3.8%
Co	8881044	5.3	5.2	1.9%	8881062	12.3	13.1	6.3%	8881081	29.1	29.3	0.7%	8881099	17.0	16.9	0.6%
Cr	8881044	13.6	13.3	2.2%	8881062	44.7	44.8	0.2%	8881081	25.0	23.6	5.8%	8881099	10.3	10.2	1.0%
Cs	8881044	1.67	1.72	2.9%	8881062	1.72	1.83	6.2%	8881081	1.36	1.32	3.0%	8881099	1.23	1.19	3.3%
Cu	8881044	21.6	20.7	4.3%	8881062	68.7	68.3	0.6%	8881081	430	440	2.3%	8881099	46.3	46.0	0.7%
Fe	8881044	3.18	3.09	2.9%	8881062	3.01	3.02	0.3%	8881081	4.53	4.50	0.7%	8881099	4.43	4.27	3.7%
Ga	8881044	7.16	7.09	1.0%	8881062	6.22	6.74	8.0%	8881081	11.8	11.7	0.9%	8881099	6.39	6.10	4.6%
Ge	8881044	0.171	0.152	11.8%	8881062	0.28	0.14		8881081	0.46	0.35	27.2%	8881099	0.678	0.600	12.2%
Hf	8881044	< 0.02	< 0.02	0.0%	8881062	0.07	0.06	15.4%	8881081	0.138	0.109	23.5%	8881099	0.088	0.080	9.5%
Hg	8881044	0.02	0.02	0.0%	8881062	0.06	0.02		8881081	0.08	0.08	0.0%	8881099	0.06	0.04	
In	8881044	0.026	0.025	3.9%	8881062	0.040	0.038	5.1%	8881081	0.040	0.039	2.5%	8881099	0.072	0.077	6.7%
K	8881044	0.02	0.02	0.0%	8881062	0.05	0.05	0.0%	8881081	0.08	0.08	0.0%	8881099	0.06	0.06	0.0%
La	8881044	5.83	6.01	3.0%	8881062	14.4	14.5	0.7%	8881081	10.2	10.1	1.0%	8881099	4.3	4.1	4.8%
Li	8881044	7.51	7.31	2.7%	8881062	12.6	12.7	0.8%	8881081	24.6	24.6	0.0%	8881099	7.2	7.1	1.4%
Mg	8881044	0.27	0.27	0.0%	8881062	0.83	0.83	0.0%	8881081	1.94	1.94	0.0%	8881099	0.63	0.63	0.0%
Mn	8881044	701	684	2.5%	8881062	796	799	0.4%	8881081	5680	5750	1.2%	8881099	2100	2120	0.9%
Mo	8881044	0.45	0.44	2.2%	8881062	0.33	0.33	0.0%	8881081	0.320	0.272	16.2%	8881099	0.30	0.27	10.5%
Na	8881044	0.01	0.01	0.0%	8881062	0.03	0.03	0.0%	8881081	0.01	0.01	0.0%	8881099	0.01	0.01	0.0%
Nb	8881044	3.99	4.00	0.3%	8881062	0.38	0.41	7.6%	8881081	0.28	0.28	0.0%	8881099	0.39	0.39	0.0%
Ni	8881044	5.46	5.22	4.5%	8881062	18.6	19.1	2.7%	8881081	31.3	31.1	0.6%	8881099	8.87	8.70	1.9%
P	8881044	272	261	4.1%	8881062	773	752	2.8%	8881081	1150	1170	1.7%	8881099	939	958	2.0%



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyle Hardy;Lorie Farrell

Pb	8881044	11.2	10.4	7.4%	8881062	9.1	8.9	2.2%	8881081	20.7	20.5	1.0%	8881099	20.3	20.8	2.4%
Rb	8881044	3.1	3.1	0.0%	8881062	3.26	3.55	8.5%	8881081	6.0	6.0	0.0%	8881099	6.76	6.62	2.1%
Re	8881044	0.0440	0.0446	1.4%	8881062	0.0382	0.0386	1.0%	8881081	0.0314	0.0328	4.4%	8881099	0.030	0.031	3.3%
S	8881044	0.02	0.02	0.0%	8881062	0.035	0.036	2.8%	8881081	0.03	0.03	0.0%	8881099	0.02	0.02	0.0%
Sb	8881044	0.548	0.520	5.2%	8881062	0.70	0.68	2.9%	8881081	0.42	0.39	7.4%	8881099	0.61	0.58	5.0%
Sc	8881044	2.2	2.2	0.0%	8881062	9.52	9.59	0.7%	8881081	14.5	14.2	2.1%	8881099	7.7	7.3	5.3%
Se	8881044	0.4	0.4	0.0%	8881062	1.5	1.5	0.0%	8881081	0.6	0.6	0.0%	8881099	0.2	< 0.2	
Sn	8881044	1.4	1.4	0.0%	8881062	0.54	0.57	5.4%	8881081	0.53	0.57	7.3%	8881099	0.9	0.8	11.8%
Sr	8881044	37.0	36.1	2.5%	8881062	84.8	83.8	1.2%	8881081	62.0	61.2	1.3%	8881099	13.2	13.2	0.0%
Ta	8881044	0.02	0.02	0.0%	8881062	0.013	0.016	20.7%	8881081	< 0.01	< 0.01	0.0%	8881099	< 0.01	< 0.01	0.0%
Te	8881044	0.02	0.03		8881062	0.02	0.03		8881081	< 0.01	0.02		8881099	0.04	0.04	0.0%
Th	8881044	< 0.1	< 0.1	0.0%	8881062	0.4	0.2		8881081	0.5	0.5	0.0%	8881099	0.4	0.4	0.0%
Ti	8881044	0.104	0.101	2.9%	8881062	0.082	0.082	0.0%	8881081	0.0712	0.0694	2.6%	8881099	0.0423	0.0404	4.6%
Tl	8881044	< 0.01	< 0.01	0.0%	8881062	< 0.01	< 0.01	0.0%	8881081	< 0.01	< 0.01	0.0%	8881099	< 0.01	< 0.01	0.0%
U	8881044	0.98	1.01	3.0%	8881062	0.452	0.479	5.8%	8881081	0.35	0.34	2.9%	8881099	0.463	0.469	1.3%
V	8881044	106	106	0.0%	8881062	93.8	96.6	2.9%	8881081	179	177	1.1%	8881099	94.3	92.1	2.4%
W	8881044	0.21	0.22	4.7%	8881062	0.37	0.10		8881081	0.397	0.373	6.2%	8881099	0.45	0.46	2.2%
Y	8881044	8.43	8.40	0.4%	8881062	49.8	52.4	5.1%	8881081	20.6	21.0	1.9%	8881099	8.66	8.64	0.2%
Zn	8881044	73.5	70.9	3.6%	8881062	97.9	97.3	0.6%	8881081	303	304	0.3%	8881099	168	169	0.6%
Zr	8881044	< 0.5	< 0.5	0.0%	8881062	1.3	1.1	16.7%	8881081	2.9	2.9	0.0%	8881099	1.2	1.2	0.0%



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CDN-ME-1304)				CRM #2 (ref.CDN-ME-1206)				CRM #3 (ref.CDN-ME-1303)				CRM #4 (ref.CDN-ME-1304)			
	Expect	Actual	Recovery	Limits												
Ag	34	32	95%	90% - 110%	274	265	97%	90% - 110%	152	144	95%	90% - 110%	34	33	98%	90% - 110%
Cu	2680	2640	99%	90% - 110%	7900	7540	95%	90% - 110%	3440	3340	97%	90% - 110%	2680	2570	96%	90% - 110%
Pb	2580	3000	116%	90% - 110%	8010	9000	112%	90% - 110%	12200	14400	118%	90% - 110%	2580	3000	116%	90% - 110%
Zn	2200	2165	98%	90% - 110%	23800	21630	91%	90% - 110%	9310	9064	97%	90% - 110%	2200	2133	97%	90% - 110%



Method Summary

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

AGAT WORK ORDER: 17T280589
 ATTENTION TO: Kyler Hardy;Lorie Farrell
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12018		ICP-MS
Al	MIN-200-12018		ICP/OES
As	MIN-200-12018		ICP-MS
Au	MIN-200-12018		ICP-MS
B	MIN-200-12018		ICP/OES
Ba	MIN-200-12018		ICP-MS
Be	MIN-200-12018		ICP-MS
Bi	MIN-200-12018		ICP-MS
Ca	MIN-200-12018		ICP/OES
Cd	MIN-200-12018		ICP-MS
Ce	MIN-200-12018		ICP-MS
Co	MIN-200-12018		ICP-MS
Cr	MIN-200-12018		ICP/OES
Cs	MIN-200-12018		ICP-MS
Cu	MIN-200-12018		ICP-MS
Fe	MIN-200-12018		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-200-12018		ICP/OES
La	MIN-200-12018		ICP-MS
Li	MIN-200-12018		ICP-MS
Mg	MIN-200-12018		ICP/OES
Mn	MIN-200-12018		ICP/OES
Mo	MIN-200-12018		ICP-MS
Na	MIN-200-12018		ICP/OES
Nb	MIN-200-12018		ICP-MS
Ni	MIN-200-12018		ICP-MS
P	MIN-200-12018		ICP/OES
Pb	MIN-200-12018		ICP-MS
Rb	MIN-200-12018		ICP-MS
Re	MIN-200-12018		ICP-MS
S	MIN-200-12018		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-200-12018		ICP/OES
Tl	MIN-200-12018		ICP-MS
U	MIN-200-12018		ICP-MS
V	MIN-200-12018		ICP/OES
W	MIN-200-12018		ICP-MS
Y	MIN-200-12018		ICP-MS



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 17T280589

PROJECT:

ATTENTION TO: Kyler Hardy;Lorie Farrell

SAMPLING SITE:

SAMPLED BY:

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



CLIENT NAME: MISC AGAT CLIENT ON, ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

PROJECT: Caribou

AGAT WORK ORDER: 17T280590

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Dec 18, 2017

PAGES (INCLUDING COVER): 18

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: 17T280590

PROJECT: Caribou

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MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Dec 18, 2017					SAMPLE TYPE: Other				
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	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	
126433 (8881289)	0.61	2.69	16.3	<0.005	<5	549	0.78	0.08	1.15	0.36	22.8	18.2	46.7	3.09	
126434 (8881290)	0.31	0.48	5.3	<0.005	<5	108	0.07	0.11	0.14	0.05	6.40	2.9	21.3	0.51	
126435 (8881291)	0.74	3.09	13.4	0.005	<5	297	0.32	0.11	0.41	0.15	15.0	20.2	40.4	2.37	
126436 (8881292)	0.32	1.70	13.4	0.013	<5	151	0.74	0.08	0.36	0.03	13.0	20.5	31.5	1.46	
126437 (8881293)	0.43	1.91	10.4	<0.005	<5	278	0.97	0.07	0.37	0.04	19.1	27.6	42.6	3.75	
126438 (8881294)	0.28	0.62	6.0	<0.005	<5	112	0.12	0.15	0.08	0.03	8.10	3.3	19.4	0.69	
126439 (8881295)	0.33	1.66	10.3	<0.005	<5	281	1.08	0.09	0.49	0.06	15.2	23.4	31.7	6.63	
126440 (8881296)	0.26	0.50	4.8	<0.005	<5	118	0.17	0.07	0.22	<0.01	5.54	2.5	16.3	2.07	
126441 (8881297)	0.29	1.17	6.9	0.008	<5	493	0.93	0.10	0.87	0.08	23.8	18.6	15.1	3.09	
126442 (8881298)	0.48	1.26	8.6	<0.005	<5	203	1.00	0.11	0.73	0.09	18.8	20.8	13.3	2.62	
126443 (8881299)	1.45	1.57	7.7	<0.005	<5	253	0.60	0.12	0.54	0.07	14.4	25.4	27.4	1.35	
126444 (8881300)	0.64	1.40	8.0	<0.005	<5	302	0.71	0.22	0.64	0.08	14.3	23.3	25.6	2.90	
126451 (8881301)	0.21	1.61	12.3	0.005	<5	116	0.20	0.12	0.21	0.05	8.52	7.1	39.3	1.03	
126452 (8881302)	1.16	2.70	12.5	0.006	<5	112	0.92	0.08	0.93	0.37	18.1	16.0	69.2	1.62	
126453 (8881303)	0.28	3.43	27.1	<0.005	<5	88	0.94	0.05	0.74	0.11	22.6	38.2	91.0	1.90	
126454 (8881304)	0.48	2.17	20.1	<0.005	<5	121	0.41	0.09	0.23	0.09	10.4	23.0	81.2	2.49	
126455 (8881305)	0.56	2.16	9.8	<0.005	<5	107	0.53	0.08	0.22	0.04	12.5	30.0	74.3	1.10	
126456 (8881306)	0.29	2.92	16.1	<0.005	<5	114	0.49	0.07	0.16	0.18	8.52	16.6	69.3	0.97	
126457 (8881307)	0.88	3.53	51.0	<0.005	<5	66	0.82	0.08	0.98	0.06	23.2	24.1	98.1	1.35	
126458 (8881308)	1.87	1.20	16.9	<0.005	<5	77	0.17	0.11	0.13	0.06	6.59	12.6	47.9	1.01	
126459 (8881309)	0.61	2.11	17.9	0.020	<5	68	0.55	0.14	0.23	0.13	8.39	34.2	86.9	0.62	
126460 (8881310)	0.60	2.49	18.8	<0.005	<5	73	0.59	0.13	0.33	0.08	10.4	38.1	90.5	0.87	
126801 (8881311)	0.13	1.19	3.6	<0.005	<5	180	0.15	0.12	0.24	0.02	6.51	15.6	70.3	1.05	
126802 (8881312)	0.25	3.52	17.0	<0.005	<5	55	0.39	0.05	0.38	0.08	6.71	26.6	98.1	2.01	
126803 (8881313)	0.18	1.91	8.9	<0.005	<5	98	0.19	0.08	0.26	0.04	6.97	29.1	96.7	1.59	
126804 (8881314)	0.19	2.41	15.4	<0.005	<5	161	0.42	0.08	0.17	0.06	8.88	18.4	62.5	2.18	
126805 (8881315)	0.26	2.34	13.9	<0.005	<5	63	0.23	0.09	0.24	0.03	7.89	28.4	95.6	1.29	
126806 (8881316)	0.20	0.84	6.0	<0.005	<5	66	0.07	0.11	0.11	0.01	6.28	11.6	70.2	0.36	
126807 (8881317)	0.17	0.75	6.3	<0.005	<5	60	0.08	0.15	0.09	<0.01	7.45	10.6	63.0	0.42	
126808 (8881318)	0.23	0.83	10.8	<0.005	<5	55	0.07	0.11	0.09	0.03	7.51	8.2	44.3	0.81	
126809 (8881319)	0.18	1.67	25.6	<0.005	<5	113	0.25	0.10	0.56	0.11	10.1	18.3	68.2	1.78	
126810 (8881320)	0.16	0.87	37.7	<0.005	<5	66	0.11	0.13	0.10	<0.01	7.26	11.5	56.2	1.43	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280590

PROJECT: Caribou

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<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Dec 18, 2017					SAMPLE TYPE: Other				
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	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	
126811 (8881321)	0.23	0.70	10.0	<0.005	<5	76	0.07	0.16	0.11	0.01	7.21	8.6	54.7	0.68	
126812 (8881322)	0.24	0.94	23.3	<0.005	<5	61	0.13	0.13	0.08	0.02	7.68	7.2	37.1	1.05	
126813 (8881323)	0.26	1.14	16.1	<0.005	<5	71	0.12	0.13	0.08	0.06	7.14	5.9	31.6	1.07	
126814 (8881324)	0.43	1.17	14.8	<0.005	<5	324	0.41	0.15	0.09	0.24	24.9	7.8	35.1	1.60	
126815 (8881325)	0.23	0.84	11.9	0.009	<5	229	0.15	0.10	0.09	0.09	10.3	7.7	28.7	1.25	
126816 (8881326)	0.19	0.54	9.5	<0.005	<5	44	0.09	0.13	0.07	0.05	6.43	3.2	27.9	0.87	
126817 (8881327)	0.73	2.00	173	<0.005	<5	615	0.71	0.18	1.36	2.64	49.4	24.8	111	2.17	
126818 (8881328)	0.60	3.27	103	<0.005	<5	294	1.47	0.14	0.92	0.49	30.6	16.6	97.7	3.01	
126819 (8881329)	0.52	1.29	34.0	<0.005	<5	73	0.15	0.16	0.09	0.04	8.31	9.3	47.2	0.66	
126820 (8881330)	0.37	1.75	17.7	0.016	<5	82	0.22	0.12	0.11	0.08	7.53	7.4	55.8	1.11	
126821 (8881331)	0.21	0.51	3.8	<0.005	<5	52	0.07	0.20	0.06	0.01	9.35	3.9	51.6	0.78	
126822 (8881332)	0.27	0.97	12.6	<0.005	<5	96	0.17	0.13	0.11	0.04	7.27	5.7	37.3	0.84	
126823 (8881333)	0.21	1.27	6.8	<0.005	<5	103	0.36	0.08	0.62	0.04	16.0	14.4	46.5	1.00	
126824 (8881334)	0.15	1.29	10.9	<0.005	<5	100	0.47	0.07	0.48	0.06	16.3	18.0	49.5	1.55	
126825 (8881335)	0.40	1.32	9.8	<0.005	<5	81	0.54	0.07	0.44	0.07	17.4	20.8	54.5	0.94	
126826 (8881336)	0.33	1.19	10.0	<0.005	<5	130	0.64	0.06	0.82	0.13	20.0	16.2	44.8	1.33	
126827 (8881337)	0.25	1.33	11.3	<0.005	<5	158	0.67	0.07	0.73	0.14	22.6	19.3	47.0	1.62	
126828 (8881338)	0.36	0.62	1.9	<0.005	<5	51	0.14	0.05	0.16	0.02	4.65	4.2	18.4	0.66	
126829 (8881339)	0.33	1.28	14.9	<0.005	<5	167	0.14	0.11	0.11	0.10	12.6	7.2	30.1	1.34	
126830 (8881340)	0.31	0.43	4.0	<0.005	<5	108	0.08	0.16	0.04	0.04	7.96	2.9	22.1	0.99	
126831 (8881341)	0.36	0.84	5.3	<0.005	<5	174	0.28	0.06	0.48	0.07	5.53	5.6	18.0	0.93	
126832 (8881342)	0.52	0.94	5.2	0.005	8	144	0.11	0.12	0.09	0.19	8.32	3.0	21.2	0.67	
126833 (8881343)	1.07	3.35	9.1	<0.005	16	938	1.03	0.09	1.80	1.21	53.2	25.2	53.9	4.05	
126834 (8881344)	0.84	1.68	4.9	<0.005	<5	431	0.90	0.64	2.68	0.60	32.4	13.0	23.9	1.81	
126835 (8881345)	0.33	1.89	5.7	<0.005	<5	226	0.39	0.09	0.80	0.14	12.4	12.4	32.7	3.07	
126836 (8881346)	0.26	1.59	10.4	<0.005	<5	169	0.38	0.18	0.61	0.12	14.6	14.1	36.0	2.21	
126837 (8881347)	0.21	0.97	4.2	<0.005	<5	91	0.22	0.05	0.36	0.11	5.68	6.3	22.1	1.09	
126838 (8881348)	0.25	2.57	9.9	<0.005	<5	228	0.58	0.08	0.73	0.08	13.6	16.3	38.1	2.23	
126839 (8881349)	0.22	2.13	8.9	<0.005	<5	245	0.54	0.10	0.48	0.13	13.4	14.3	38.7	3.16	
126840 (8881350)	0.72	1.28	8.7	<0.005	<5	147	0.78	0.09	0.75	0.19	18.0	18.4	23.0	1.95	
126841 (8881351)	0.39	0.61	2.3	<0.005	<5	126	0.09	0.12	0.10	0.05	6.98	3.2	23.0	0.71	
126842 (8881352)	1.00	2.78	9.9	<0.005	<5	180	1.12	0.12	0.70	0.27	21.2	17.1	50.8	3.51	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280590

PROJECT: Caribou

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 MISSISSAUGA, ONTARIO
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017		DATE REPORTED: Dec 18, 2017		SAMPLE TYPE: Other									
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	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
126843 (8881353)	0.99	2.01	12.7	<0.005	<5	208	0.79	0.12	1.39	0.23	15.8	15.5	42.7	2.41
126844 (8881354)	0.65	0.91	8.0	<0.005	<5	118	0.30	0.13	0.54	0.08	8.73	6.0	29.0	1.24
126845 (8881355)	2.53	2.16	8.6	0.010	<5	373	1.11	0.11	1.31	0.54	26.9	15.9	73.1	3.39
126846 (8881356)	0.37	0.58	7.5	<0.005	<5	55	0.10	0.14	0.08	0.04	6.98	2.9	20.0	0.55
126847 (8881357)	0.98	1.27	8.6	<0.005	<5	182	0.98	0.05	2.60	0.24	19.1	8.0	70.4	1.34
126848 (8881358)	0.39	1.09	11.7	<0.005	<5	95	0.34	0.07	0.33	0.06	12.9	17.8	32.9	1.83
126849 (8881359)	1.65	3.90	27.0	<0.005	<5	577	1.45	0.08	1.18	0.63	39.9	22.9	106	4.19
126850 (8881360)	0.25	0.91	22.8	<0.005	<5	89	0.12	0.09	0.18	0.04	9.09	5.7	29.6	1.46

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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:	0.5	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
126433 (8881289)	47.2	3.74	8.92	<0.05	0.42	0.09	0.058	0.07	11.1	16.2	1.05	5020	0.69	0.02
126434 (8881290)	8.1	2.87	5.73	0.42	0.08	0.05	0.020	0.03	3.3	2.1	0.14	211	0.28	0.01
126435 (8881291)	32.1	4.76	10.2	0.24	0.20	0.08	0.072	0.07	4.2	24.5	1.08	768	0.51	0.01
126436 (8881292)	31.3	5.04	7.08	0.32	0.12	0.05	0.077	0.10	4.3	18.0	0.98	1730	0.38	<0.01
126437 (8881293)	47.3	5.17	7.72	0.32	0.09	0.04	0.080	0.09	7.7	21.3	1.18	2240	0.37	<0.01
126438 (8881294)	10.5	3.12	8.64	0.52	0.06	0.05	0.023	0.04	4.3	2.0	0.14	292	0.42	0.01
126439 (8881295)	87.9	5.40	7.43	0.35	0.12	0.01	0.098	0.10	5.9	14.0	0.90	2890	0.46	0.01
126440 (8881296)	9.0	1.96	2.73	0.34	0.15	0.09	0.035	0.06	2.7	1.6	0.10	378	0.49	<0.01
126441 (8881297)	65.0	3.94	4.24	0.33	0.13	0.17	0.097	0.08	10.2	5.9	0.39	6550	0.82	<0.01
126442 (8881298)	211	4.85	4.09	0.21	0.10	0.03	0.101	0.09	7.5	10.1	0.86	3190	0.40	<0.01
126443 (8881299)	135	4.25	8.28	0.22	0.09	0.11	0.075	0.12	4.5	15.6	1.23	2580	0.59	<0.01
126444 (8881300)	163	4.12	7.05	0.12	0.05	0.07	0.084	0.10	4.3	13.8	0.93	3780	0.62	<0.01
126451 (8881301)	14.4	5.10	11.0	0.45	0.07	0.07	0.054	0.03	3.9	10.1	0.42	428	0.64	0.01
126452 (8881302)	32.2	3.16	7.66	0.16	0.08	0.15	0.044	0.03	15.8	14.7	1.00	2310	1.07	0.02
126453 (8881303)	84.5	4.96	10.9	0.21	0.04	0.07	0.060	0.03	9.2	26.1	2.76	5370	0.69	0.02
126454 (8881304)	31.5	5.95	14.6	0.39	0.03	0.07	0.063	0.03	4.6	21.1	1.93	2670	0.70	0.01
126455 (8881305)	52.0	4.99	10.7	0.36	<0.02	0.07	0.047	0.02	4.4	21.8	2.53	4610	0.60	0.01
126456 (8881306)	29.5	5.08	10.9	0.34	0.07	0.14	0.071	0.02	4.0	16.5	1.32	1530	1.06	<0.01
126457 (8881307)	65.5	4.91	12.8	0.17	0.10	0.09	0.060	0.02	8.8	30.3	2.53	1880	0.70	0.02
126458 (8881308)	22.6	5.25	11.2	0.50	0.04	0.09	0.040	0.03	3.3	9.6	1.07	1270	0.74	0.01
126459 (8881309)	55.6	4.84	13.7	0.29	0.90	0.14	0.053	0.02	3.3	20.2	2.66	4550	0.77	0.01
126460 (8881310)	69.1	4.67	14.4	0.24	0.26	0.05	0.074	0.02	3.4	19.3	3.03	5530	0.89	0.01
126801 (8881311)	9.8	4.55	9.16	0.36	0.16	0.08	0.022	0.03	3.3	17.2	1.50	1570	0.59	0.01
126802 (8881312)	11.2	5.25	13.5	0.15	0.28	0.07	0.056	0.02	3.5	50.0	3.56	2330	0.58	0.01
126803 (8881313)	12.8	6.15	13.3	0.33	0.16	0.05	0.030	0.02	3.8	33.7	3.05	4010	0.52	<0.01
126804 (8881314)	18.3	4.02	7.69	0.44	0.14	0.08	0.040	0.03	3.8	23.4	1.47	3960	0.70	<0.01
126805 (8881315)	8.9	5.61	13.2	0.34	0.31	0.08	0.042	0.02	4.1	43.2	3.53	2590	0.74	<0.01
126806 (8881316)	13.3	6.55	9.72	0.62	0.08	0.04	0.019	0.02	3.7	8.6	1.02	855	0.46	0.02
126807 (8881317)	12.0	5.89	10.0	0.66	0.11	0.06	0.017	0.02	4.1	6.3	0.78	699	0.67	0.01
126808 (8881318)	8.4	4.28	8.75	0.64	0.03	0.03	0.019	0.02	3.8	5.8	0.66	1120	0.46	0.01
126809 (8881319)	9.9	4.07	10.3	0.26	0.05	0.02	0.034	0.02	4.3	29.7	1.85	1890	0.43	0.01
126810 (8881320)	10.1	4.31	12.4	0.55	0.07	0.04	0.025	0.02	3.4	8.9	0.86	1270	0.64	0.01

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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:	0.5	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
126811 (8881321)	12.5	4.76	10.5	0.59	0.11	0.07	0.015	0.03	3.9	6.0	0.69	673	0.56	0.01
126812 (8881322)	15.5	3.92	9.85	0.62	0.04	0.03	0.033	0.02	3.9	9.4	0.53	778	0.59	<0.01
126813 (8881323)	11.4	4.94	11.1	0.71	0.05	0.03	0.045	0.02	3.8	9.1	0.39	470	0.72	<0.01
126814 (8881324)	22.4	3.11	7.86	0.57	0.06	0.05	0.034	0.05	6.5	8.8	0.37	10300	1.14	0.01
126815 (8881325)	12.3	3.53	6.90	0.66	0.03	0.03	0.039	0.03	3.3	6.7	0.37	4840	0.78	<0.01
126816 (8881326)	9.3	3.54	8.41	0.63	0.04	0.04	0.021	0.02	3.2	1.7	0.13	265	0.77	<0.01
126817 (8881327)	36.7	3.56	9.85	0.58	0.10	0.16	0.054	0.02	11.8	21.8	0.43	24400	2.58	0.01
126818 (8881328)	40.2	4.20	10.6	0.48	0.26	0.16	0.077	0.04	22.5	27.6	1.29	7680	1.11	0.02
126819 (8881329)	14.7	6.10	16.2	0.64	0.05	0.07	0.055	0.02	4.1	7.5	0.66	954	0.87	0.01
126820 (8881330)	11.7	5.56	12.2	0.62	0.14	0.09	0.054	0.02	3.5	7.8	0.54	507	0.82	<0.01
126821 (8881331)	11.6	3.79	8.71	0.56	0.77	0.03	0.016	0.02	4.8	1.0	0.08	222	0.59	0.01
126822 (8881332)	11.1	4.96	11.4	0.65	0.25	0.07	0.035	0.02	3.9	4.3	0.33	587	0.86	0.01
126823 (8881333)	15.0	3.45	6.09	0.28	0.29	0.04	0.038	0.05	7.3	14.0	1.12	1440	0.32	0.02
126824 (8881334)	23.0	4.40	6.70	0.24	0.15	0.01	0.043	0.04	6.4	13.5	1.18	1450	0.46	0.02
126825 (8881335)	63.1	4.38	7.18	0.26	0.13	0.05	0.056	0.03	6.5	12.3	1.19	2030	0.43	0.02
126826 (8881336)	55.6	3.93	5.82	0.24	0.19	0.06	0.045	0.06	10.1	12.4	1.15	1760	0.43	0.03
126827 (8881337)	44.5	4.06	6.65	0.16	0.27	0.03	0.051	0.08	10.0	14.9	1.36	1940	0.49	0.03
126828 (8881338)	8.3	1.59	4.96	0.76	0.05	0.03	0.017	0.01	3.4	4.4	0.27	220	0.23	<0.01
126829 (8881339)	17.7	4.67	10.6	0.61	0.10	0.06	0.041	0.04	4.1	5.8	0.43	401	0.45	0.01
126830 (8881340)	8.1	3.82	7.16	0.64	0.09	0.04	0.018	0.03	4.8	0.9	0.06	282	0.52	0.01
126831 (8881341)	23.2	1.82	3.62	0.76	0.08	0.03	0.030	0.02	4.4	12.4	0.30	961	0.28	<0.01
126832 (8881342)	9.9	2.74	7.37	0.50	0.07	0.11	0.029	0.02	5.4	3.9	0.15	188	0.42	0.01
126833 (8881343)	111	2.79	9.54	0.18	0.37	0.37	0.089	0.08	32.2	17.0	1.13	16200	2.26	0.01
126834 (8881344)	49.1	1.64	4.79	0.48	0.25	0.22	0.038	0.03	29.9	5.9	0.54	5890	1.08	0.01
126835 (8881345)	23.9	3.08	6.58	0.09	0.06	0.05	0.041	0.06	6.4	11.6	0.83	1400	0.41	0.02
126836 (8881346)	29.2	4.25	9.54	0.33	0.02	0.05	0.053	0.04	8.0	11.6	0.59	1170	0.60	0.01
126837 (8881347)	28.7	1.93	4.51	0.75	<0.02	0.02	0.026	0.02	4.3	6.6	0.44	290	0.20	<0.01
126838 (8881348)	30.2	3.71	8.88	0.25	0.06	0.06	0.047	0.05	7.9	13.3	0.93	687	0.38	0.02
126839 (8881349)	31.8	3.81	7.89	0.36	0.07	0.03	0.046	0.05	7.2	14.0	0.81	1200	0.49	0.01
126840 (8881350)	217	4.32	5.44	0.36	0.14	0.03	0.075	0.08	11.0	11.5	0.95	3250	0.55	0.01
126841 (8881351)	11.3	2.98	5.88	0.52	<0.02	0.02	0.016	0.03	3.9	1.6	0.13	235	0.30	0.01
126842 (8881352)	222	4.27	10.1	0.40	0.12	0.09	0.051	0.04	19.1	20.1	1.38	2240	0.72	0.01

Certified By:



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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	%
Sample ID (AGAT ID)	RDL:													
126843 (8881353)	169	3.76	8.13	0.15	0.21	0.08	0.058	0.04	13.3	13.0	1.07	2780	0.79	0.01
126844 (8881354)	49.1	3.33	6.22	0.22	0.74	0.03	0.045	0.03	8.5	9.3	0.35	461	0.45	0.01
126845 (8881355)	142	3.35	7.52	0.16	0.67	0.18	0.064	0.06	20.8	14.2	0.85	5070	1.12	0.01
126846 (8881356)	12.8	3.62	7.77	0.56	0.11	0.03	0.021	0.02	3.8	1.8	0.13	317	0.41	0.01
126847 (8881357)	129	1.88	3.24	0.62	0.79	0.16	0.037	0.05	32.2	5.6	0.67	1680	0.71	0.02
126848 (8881358)	33.1	4.10	6.41	0.41	0.06	0.11	0.043	0.04	5.5	7.9	0.70	3470	0.71	0.01
126849 (8881359)	61.2	3.48	10.4	0.21	0.30	0.19	0.088	0.09	31.7	32.9	1.98	6220	2.10	0.02
126850 (8881360)	11.7	3.02	7.57	0.43	0.07	0.06	0.032	0.06	2.8	6.8	0.45	503	0.34	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280590

PROJECT: Caribou

5623 McADAM ROAD
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017							DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other			
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	0.5	10	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
126433 (8881289)	0.83	22.2	1240	10.0	6.9	0.001	0.06	0.55	12.4	1.3	0.6	94.8	0.02	0.02	
126434 (8881290)	0.65	4.7	279	8.5	1.8	<0.001	0.02	0.32	2.1	<0.2	0.7	40.9	<0.01	0.01	
126435 (8881291)	1.15	28.3	913	8.5	4.9	0.001	0.03	0.36	8.9	0.5	1.3	46.9	<0.01	<0.01	
126436 (8881292)	0.26	26.1	2110	6.8	6.3	<0.001	0.02	0.36	8.8	<0.2	1.0	23.7	<0.01	0.05	
126437 (8881293)	0.16	44.2	1620	5.7	13.1	<0.001	0.02	0.40	14.9	<0.2	0.7	22.5	<0.01	<0.01	
126438 (8881294)	1.01	4.8	356	10.8	2.0	<0.001	0.02	0.36	2.3	<0.2	0.9	20.1	<0.01	0.01	
126439 (8881295)	0.29	17.7	1460	15.6	20.3	<0.001	0.03	0.29	12.1	<0.2	0.9	22.4	<0.01	<0.01	
126440 (8881296)	0.22	3.8	1720	5.6	4.9	<0.001	0.05	0.16	9.4	<0.2	0.6	10.3	0.09	<0.01	
126441 (8881297)	0.11	7.8	2290	25.2	11.2	<0.001	0.08	0.32	21.5	1.0	0.8	24.3	0.02	0.03	
126442 (8881298)	0.07	7.5	1290	10.5	6.4	<0.001	0.02	0.43	21.6	0.8	0.8	27.7	<0.01	<0.01	
126443 (8881299)	0.47	17.9	1310	14.3	11.1	<0.001	0.03	0.27	14.3	<0.2	0.7	66.3	<0.01	0.06	
126444 (8881300)	0.42	14.5	1560	21.5	17.8	<0.001	0.03	0.31	10.4	0.2	0.6	34.7	<0.01	0.02	
126451 (8881301)	1.89	11.6	378	13.9	2.7	<0.001	0.03	0.40	4.7	<0.2	0.9	23.7	<0.01	0.04	
126452 (8881302)	0.41	21.0	2380	13.9	3.4	0.001	0.13	0.31	6.5	1.7	0.4	60.7	0.03	0.03	
126453 (8881303)	0.29	58.0	1260	28.9	2.6	<0.001	0.06	0.33	16.2	0.7	0.6	43.4	<0.01	<0.01	
126454 (8881304)	1.09	37.8	1880	25.1	4.3	<0.001	0.04	0.40	5.4	<0.2	1.8	26.6	<0.01	<0.01	
126455 (8881305)	0.25	42.9	712	39.7	2.6	<0.001	0.04	0.36	8.1	0.3	1.8	22.4	<0.01	<0.01	
126456 (8881306)	1.12	26.9	1350	17.2	2.2	<0.001	0.06	0.40	3.6	0.6	0.5	19.9	<0.01	<0.01	
126457 (8881307)	4.71	45.2	1520	43.8	1.8	<0.001	0.08	0.39	12.3	0.5	1.0	46.3	0.05	<0.01	
126458 (8881308)	2.33	20.2	1750	87.8	4.2	0.001	0.03	0.40	4.6	<0.2	0.7	16.6	<0.01	0.03	
126459 (8881309)	1.28	45.3	1320	269	1.6	0.001	0.07	0.50	4.6	<0.2	1.7	17.9	0.09	0.07	
126460 (8881310)	1.05	51.8	1170	223	1.5	<0.001	0.09	0.34	8.0	0.4	0.6	25.9	0.04	<0.01	
126801 (8881311)	1.53	29.3	635	11.2	2.9	<0.001	0.02	0.32	4.9	<0.2	0.8	54.8	0.02	0.05	
126802 (8881312)	1.70	50.9	2450	8.3	3.0	<0.001	0.02	0.60	12.2	<0.2	0.5	18.0	<0.01	<0.01	
126803 (8881313)	1.48	47.8	668	11.2	4.6	<0.001	0.01	0.55	8.8	<0.2	0.7	23.1	<0.01	0.04	
126804 (8881314)	1.19	29.3	1880	7.8	7.8	<0.001	0.03	0.49	6.7	<0.2	0.4	17.3	<0.01	0.01	
126805 (8881315)	3.00	51.6	786	9.9	3.4	<0.001	0.02	0.44	8.6	<0.2	1.0	17.4	<0.01	0.02	
126806 (8881316)	1.66	19.7	346	14.4	1.3	<0.001	0.01	0.39	4.5	<0.2	0.7	20.4	<0.01	<0.01	
126807 (8881317)	3.13	17.0	330	11.1	2.2	<0.001	0.01	0.44	4.3	<0.2	0.9	18.3	<0.01	<0.01	
126808 (8881318)	1.36	14.0	400	11.8	4.7	<0.001	<0.01	0.43	3.5	<0.2	0.7	13.1	<0.01	0.03	
126809 (8881319)	0.64	29.1	600	9.5	5.3	<0.001	0.03	0.37	5.1	<0.2	0.4	42.1	<0.01	<0.01	
126810 (8881320)	2.07	18.1	485	12.2	3.9	<0.001	0.02	0.48	4.5	<0.2	0.8	14.2	<0.01	<0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280590

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017							DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other			
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	0.5	10	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
126811 (8881321)	4.21	14.3	553	13.6	2.6	<0.001	0.02	0.29	3.4	<0.2	1.1	13.4	0.02	0.02	
126812 (8881322)	1.80	12.5	595	11.1	3.2	<0.001	0.01	0.46	3.5	<0.2	0.8	14.2	<0.01	<0.01	
126813 (8881323)	2.79	9.6	914	11.4	4.5	<0.001	0.01	0.62	3.8	<0.2	1.3	15.2	<0.01	0.05	
126814 (8881324)	0.89	10.8	812	10.3	7.4	<0.001	0.03	0.49	3.7	<0.2	1.1	18.8	<0.01	<0.01	
126815 (8881325)	0.44	9.7	518	9.5	3.1	<0.001	0.02	0.44	2.6	<0.2	1.1	20.2	<0.01	<0.01	
126816 (8881326)	0.98	6.2	415	9.8	2.5	<0.001	0.02	0.58	2.2	<0.2	0.8	9.1	<0.01	<0.01	
126817 (8881327)	0.65	28.2	2750	19.0	4.7	<0.001	0.14	0.39	5.1	1.0	0.6	155	0.02	0.09	
126818 (8881328)	1.12	26.5	3380	10.9	5.3	0.002	0.12	0.45	17.4	1.6	0.8	89.4	0.02	0.08	
126819 (8881329)	3.07	15.5	1640	15.4	3.1	<0.001	0.02	0.72	5.2	<0.2	2.4	15.9	<0.01	0.05	
126820 (8881330)	2.25	14.1	1590	12.3	4.4	<0.001	0.02	0.57	4.3	<0.2	0.9	17.7	<0.01	0.03	
126821 (8881331)	1.95	6.9	366	11.7	3.2	<0.001	<0.01	0.66	3.2	<0.2	1.8	13.1	0.03	<0.01	
126822 (8881332)	2.22	9.1	1210	15.4	5.2	<0.001	0.01	0.68	3.9	<0.2	1.2	14.9	<0.01	0.08	
126823 (8881333)	0.82	20.6	707	9.4	6.3	<0.001	0.02	0.50	9.1	<0.2	0.6	27.8	0.02	0.04	
126824 (8881334)	0.71	23.1	1000	15.4	5.6	<0.001	0.01	0.78	8.7	<0.2	0.6	17.6	<0.01	0.08	
126825 (8881335)	0.63	25.3	802	23.2	2.8	<0.001	0.01	0.59	9.1	0.2	0.6	15.1	<0.01	0.01	
126826 (8881336)	0.60	21.3	955	14.0	3.2	<0.001	0.02	0.72	12.9	0.2	0.7	27.0	<0.01	0.04	
126827 (8881337)	0.21	23.7	998	15.0	3.6	<0.001	0.01	0.80	14.0	<0.2	0.7	26.0	<0.01	<0.01	
126828 (8881338)	0.38	6.2	225	8.2	2.1	<0.001	0.01	0.22	1.8	<0.2	0.5	14.6	<0.01	0.02	
126829 (8881339)	1.02	11.4	455	9.8	4.2	<0.001	0.03	0.46	4.8	<0.2	0.8	31.0	<0.01	0.01	
126830 (8881340)	1.42	4.0	264	10.7	3.0	<0.001	0.01	0.53	2.4	<0.2	1.5	20.5	<0.01	<0.01	
126831 (8881341)	0.35	5.4	311	6.1	1.8	<0.001	0.02	0.31	4.4	0.8	0.4	36.7	<0.01	0.02	
126832 (8881342)	0.34	4.2	660	10.6	2.8	<0.001	0.04	0.33	1.8	0.6	0.9	23.7	<0.01	<0.01	
126833 (8881343)	0.67	33.1	2220	9.9	9.2	0.002	0.16	1.02	21.7	6.0	0.8	122	0.02	0.02	
126834 (8881344)	0.39	14.0	1600	6.6	4.1	0.001	0.14	0.53	8.8	3.3	0.5	163	0.09	0.19	
126835 (8881345)	0.37	16.4	879	6.8	7.4	<0.001	0.04	0.31	7.1	0.3	0.5	101	<0.01	<0.01	
126836 (8881346)	2.34	13.0	489	11.0	6.3	<0.001	0.03	0.39	5.1	0.5	1.0	74.3	<0.01	0.03	
126837 (8881347)	0.53	9.7	364	4.0	2.4	<0.001	0.02	0.16	2.4	0.2	0.4	43.8	<0.01	0.01	
126838 (8881348)	0.47	20.5	944	6.2	4.5	<0.001	0.05	0.28	5.3	<0.2	0.5	158	<0.01	<0.01	
126839 (8881349)	0.68	19.2	943	8.2	4.8	<0.001	0.04	0.28	6.2	0.4	1.4	66.3	<0.01	0.05	
126840 (8881350)	0.12	12.4	1110	25.0	7.3	<0.001	0.03	0.64	13.1	0.6	0.7	33.4	<0.01	0.06	
126841 (8881351)	0.46	4.6	270	12.0	2.8	<0.001	0.01	0.29	2.0	<0.2	0.9	34.9	<0.01	<0.01	
126842 (8881352)	0.41	20.1	1910	106	5.5	0.002	0.08	0.56	10.5	1.1	0.6	64.9	<0.01	<0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280590

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017

DATE RECEIVED: Nov 06, 2017

DATE REPORTED: Dec 18, 2017

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Nb ppm 0.05	Ni ppm 0.5	P ppm 10	Pb ppm 0.1	Rb ppm 0.1	Re ppm 0.001	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 0.2	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.01	Te ppm 0.01
126843 (8881353)		0.42	16.4	1940	92.8	7.0	0.002	0.10	0.59	14.8	1.1	0.6	76.5	<0.01	0.02
126844 (8881354)		1.60	6.7	415	20.8	7.0	0.001	0.03	0.54	5.2	0.8	1.2	32.6	0.03	<0.01
126845 (8881355)		1.08	16.6	2080	25.0	9.5	<0.001	0.11	0.92	26.6	2.3	0.8	67.0	0.08	0.01
126846 (8881356)		1.07	4.9	322	13.1	1.7	<0.001	0.02	0.58	2.9	<0.2	1.0	14.7	<0.01	<0.01
126847 (8881357)		0.72	13.4	1420	7.2	3.5	<0.001	0.14	1.63	11.4	4.7	0.4	116	0.23	0.01
126848 (8881358)		0.25	14.4	1230	27.3	4.9	<0.001	0.04	0.59	4.7	<0.2	0.4	20.7	<0.01	0.06
126849 (8881359)		0.50	42.8	2130	11.8	9.8	0.002	0.13	0.80	17.9	4.3	0.9	75.4	0.03	0.01
126850 (8881360)		0.46	9.6	839	8.8	4.9	<0.001	0.03	0.36	4.0	<0.2	0.8	14.8	<0.01	<0.01

Certified By:



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PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyle Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
Sample ID (AGAT ID)										
126433 (8881289)	1.0	0.076	0.13	4.04	113	0.43	31.4	119	5.7	
126434 (8881290)	0.3	0.133	<0.01	0.32	92.2	0.26	1.61	17.4	0.7	
126435 (8881291)	0.9	0.093	0.02	0.50	122	0.30	5.03	210	4.3	
126436 (8881292)	0.7	0.042	0.01	0.52	101	0.70	6.47	176	2.3	
126437 (8881293)	0.9	0.031	0.05	0.76	94.7	0.49	14.7	176	1.9	
126438 (8881294)	0.1	0.138	0.01	0.35	105	0.30	2.17	35.7	<0.5	
126439 (8881295)	0.7	0.041	0.04	0.55	98.6	0.57	9.26	231	2.3	
126440 (8881296)	0.3	0.024	0.06	0.33	32.5	0.34	3.10	37.2	0.6	
126441 (8881297)	0.7	0.026	0.07	0.51	54.5	0.52	30.2	177	1.9	
126442 (8881298)	1.2	0.027	0.02	0.61	69.4	0.93	29.2	223	2.5	
126443 (8881299)	0.6	0.082	0.02	0.45	124	0.37	6.43	190	2.3	
126444 (8881300)	0.3	0.068	0.04	0.51	105	0.41	7.81	199	0.7	
126451 (8881301)	0.6	0.200	0.01	0.39	168	0.38	3.14	57.3	2.6	
126452 (8881302)	0.1	0.073	0.02	1.39	138	0.16	44.1	106	0.7	
126453 (8881303)	0.1	0.107	0.01	0.68	186	0.13	26.6	175	1.0	
126454 (8881304)	<0.1	0.206	<0.01	0.52	189	0.24	5.95	180	0.7	
126455 (8881305)	<0.1	0.129	0.02	0.45	157	0.19	6.70	202	0.7	
126456 (8881306)	0.1	0.175	<0.01	0.66	140	0.24	5.13	116	1.6	
126457 (8881307)	0.2	0.225	<0.01	0.86	189	1.26	24.0	208	3.3	
126458 (8881308)	0.2	0.315	<0.01	0.39	192	0.45	2.39	122	1.5	
126459 (8881309)	1.7	0.162	0.02	0.49	168	0.84	4.35	314	1.3	
126460 (8881310)	0.5	0.215	<0.01	0.63	204	0.39	5.72	368	1.3	
126801 (8881311)	0.5	0.249	0.01	0.24	113	0.16	1.92	116	2.6	
126802 (8881312)	0.7	0.357	<0.01	0.49	129	0.26	5.82	295	11.4	
126803 (8881313)	0.5	0.414	0.02	0.31	138	0.17	3.73	234	6.2	
126804 (8881314)	0.6	0.184	0.05	0.36	102	0.17	4.28	152	3.4	
126805 (8881315)	0.7	0.450	<0.01	0.40	147	0.24	3.56	290	13.8	
126806 (8881316)	0.3	0.443	0.02	0.22	160	0.10	1.74	80.7	2.2	
126807 (8881317)	0.4	0.358	0.02	0.23	146	0.14	1.62	68.3	3.9	
126808 (8881318)	0.4	0.274	0.02	0.23	158	0.39	1.59	58.0	1.2	
126809 (8881319)	0.1	0.180	0.02	0.40	230	0.81	5.92	180	<0.5	
126810 (8881320)	0.2	0.276	0.09	0.26	297	1.38	1.69	84.3	1.4	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280590

PROJECT: Caribou

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<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyle Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
126811 (8881321)	0.3	0.345	0.04	0.22	188	0.37	1.67	60.0	2.6	
126812 (8881322)	0.4	0.155	0.02	0.32	165	0.39	1.92	57.1	1.1	
126813 (8881323)	0.6	0.158	0.02	0.32	201	0.47	1.88	65.3	2.3	
126814 (8881324)	1.0	0.080	0.08	0.59	185	0.43	6.24	69.3	0.5	
126815 (8881325)	0.5	0.112	0.04	0.29	179	0.33	2.07	57.8	<0.5	
126816 (8881326)	0.4	0.128	0.03	0.26	139	0.26	1.29	28.5	0.6	
126817 (8881327)	0.4	0.053	0.59	3.78	738	0.54	28.1	167	2.5	
126818 (8881328)	0.6	0.056	0.14	2.28	414	0.46	82.4	211	5.0	
126819 (8881329)	0.6	0.257	0.03	0.38	261	0.77	2.67	71.9	2.4	
126820 (8881330)	0.8	0.230	0.02	0.36	169	0.34	2.39	58.3	5.4	
126821 (8881331)	2.0	0.177	0.03	0.29	153	0.30	1.46	14.9	3.0	
126822 (8881332)	1.3	0.192	0.03	0.33	166	0.43	1.80	43.1	3.1	
126823 (8881333)	0.8	0.150	<0.01	0.40	110	0.22	12.7	108	3.9	
126824 (8881334)	0.7	0.165	<0.01	0.45	138	0.30	10.3	126	1.9	
126825 (8881335)	0.6	0.159	<0.01	0.49	153	0.34	11.9	139	2.4	
126826 (8881336)	0.9	0.149	<0.01	0.72	127	0.34	22.4	118	5.0	
126827 (8881337)	1.2	0.124	<0.01	0.49	113	0.28	21.8	138	9.8	
126828 (8881338)	0.1	0.076	<0.01	0.21	55.5	0.14	4.01	31.2	<0.5	
126829 (8881339)	0.5	0.155	0.02	0.41	126	0.27	2.48	55.0	1.5	
126830 (8881340)	0.3	0.156	0.02	0.36	127	0.31	1.82	18.9	1.1	
126831 (8881341)	0.2	0.038	0.01	1.82	66.9	0.18	10.5	53.8	0.8	
126832 (8881342)	0.1	0.070	0.01	0.61	71.3	0.31	2.59	28.5	<0.5	
126833 (8881343)	0.6	0.049	0.31	3.42	91.8	0.80	90.7	187	7.2	
126834 (8881344)	0.3	0.039	0.12	1.51	49.2	0.24	73.0	80.6	2.5	
126835 (8881345)	0.2	0.100	0.02	0.54	89.4	0.17	16.6	97.1	1.3	
126836 (8881346)	0.2	0.126	0.01	0.56	134	0.29	13.5	79.0	0.5	
126837 (8881347)	<0.1	0.058	<0.01	0.32	54.1	0.09	7.71	40.7	<0.5	
126838 (8881348)	0.2	0.096	<0.01	0.69	95.6	0.12	15.8	72.7	1.4	
126839 (8881349)	0.2	0.090	0.02	0.70	118	0.16	15.1	98.9	1.9	
126840 (8881350)	0.8	0.049	0.02	0.66	102	0.63	23.9	205	3.4	
126841 (8881351)	<0.1	0.139	0.03	0.28	84.6	0.20	2.09	23.9	<0.5	
126842 (8881352)	0.3	0.066	0.02	1.20	131	0.34	44.6	169	2.5	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280590

PROJECT: Caribou

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

ATTENTION TO: Kyle Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Dec 18, 2017				SAMPLE TYPE: Other
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
126843 (8881353)	0.4	0.071	0.03	1.48	132	0.24	38.2	160	4.3	
126844 (8881354)	1.5	0.098	0.02	0.59	104	0.42	17.0	80.9	0.8	
126845 (8881355)	1.3	0.051	0.11	2.10	94.7	0.42	94.5	183	5.4	
126846 (8881356)	0.5	0.137	0.02	0.37	105	0.39	2.46	34.1	0.6	
126847 (8881357)	0.6	0.046	0.03	0.88	51.7	0.19	86.5	73.8	2.5	
126848 (8881358)	0.3	0.095	0.02	0.49	123	0.32	7.96	87.0	<0.5	
126849 (8881359)	2.1	0.051	0.11	17.8	185	0.59	77.3	283	3.5	
126850 (8881360)	0.6	0.086	0.03	0.32	141	0.38	1.74	71.8	0.7	

Comments: RDL - Reported Detection Limit

8881289-8881360 Au determination by this method is semi-quantitative due to small sample size.

Certified By:



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	8881289	0.607	0.591	2.7%	8881308	1.87	1.82	2.7%	8881328	0.604	0.605	0.2%	8881343	1.07	1.00	6.8%
Al	8881289	2.69	3.05	12.5%	8881308	1.20	1.23	2.5%	8881328	3.27	3.16	3.4%	8881343	3.35	3.42	2.1%
As	8881289	16.3	13.4	19.5%	8881308	16.9	16.1	4.8%	8881328	103	111	7.5%	8881343	9.11	11.0	18.8%
Au	8881289	< 0.005	< 0.005	0.0%	8881308	< 0.005	< 0.005	0.0%	8881328	< 0.005	0.037		8881343	< 0.005	< 0.005	0.0%
B	8881289	< 5	< 5	0.0%	8881308	< 5	< 5	0.0%	8881328	< 5	< 5	0.0%	8881343	16	< 5	
Ba	8881289	549	621	12.3%	8881308	77	78	1.3%	8881328	294	282	4.2%	8881343	938	922	1.7%
Be	8881289	0.775	0.768	0.9%	8881308	0.17	0.17	0.0%	8881328	1.47	1.34	9.3%	8881343	1.03	1.12	8.4%
Bi	8881289	0.084	0.094	11.2%	8881308	0.11	0.11	0.0%	8881328	0.145	0.152	4.7%	8881343	0.09	0.09	0.0%
Ca	8881289	1.15	1.30	12.2%	8881308	0.13	0.13	0.0%	8881328	0.915	0.882	3.7%	8881343	1.80	1.75	2.8%
Cd	8881289	0.36	0.37	2.7%	8881308	0.06	0.04		8881328	0.495	0.571	14.3%	8881343	1.21	1.16	4.2%
Ce	8881289	22.8	26.3	14.3%	8881308	6.59	6.59	0.0%	8881328	30.6	31.0	1.3%	8881343	53.2	53.5	0.6%
Co	8881289	18.2	19.7	7.9%	8881308	12.6	13.2	4.7%	8881328	16.6	17.4	4.7%	8881343	25.2	25.7	2.0%
Cr	8881289	46.7	48.1	3.0%	8881308	47.9	49.1	2.5%	8881328	97.7	99.5	1.8%	8881343	53.9	54.2	0.6%
Cs	8881289	3.09	3.35	8.1%	8881308	1.01	1.04	2.9%	8881328	3.01	3.04	1.0%	8881343	4.05	4.15	2.4%
Cu	8881289	47.2	53.3	12.1%	8881308	22.6	23.2	2.6%	8881328	40.2	38.7	3.8%	8881343	111	112	0.9%
Fe	8881289	3.74	4.27	13.2%	8881308	5.25	5.35	1.9%	8881328	4.20	4.07	3.1%	8881343	2.79	2.84	1.8%
Ga	8881289	8.92	10.1	12.4%	8881308	11.2	11.4	1.8%	8881328	10.6	10.7	0.9%	8881343	9.54	9.92	3.9%
Ge	8881289	< 0.05	< 0.05	0.0%	8881308	0.503	0.579	14.0%	8881328	0.478	0.414	14.3%	8881343	0.178	0.143	21.8%
Hf	8881289	0.418	0.374	11.1%	8881308	0.04	0.04	0.0%	8881328	0.263	0.299	12.8%	8881343	0.37	0.36	2.7%
Hg	8881289	0.09	0.11	20.0%	8881308	0.086	0.081	6.0%	8881328	0.16	0.11		8881343	0.369	0.353	4.4%
In	8881289	0.058	0.068	15.9%	8881308	0.0401	0.0405	1.0%	8881328	0.0773	0.0823	6.3%	8881343	0.0886	0.0849	4.3%
K	8881289	0.07	0.07	0.0%	8881308	0.03	0.03	0.0%	8881328	0.04	0.04	0.0%	8881343	0.08	0.08	0.0%
La	8881289	11.1	12.3	10.3%	8881308	3.3	3.2	3.1%	8881328	22.5	24.2	7.3%	8881343	32.2	32.0	0.6%
Li	8881289	16.2	18.2	11.6%	8881308	9.6	9.8	2.1%	8881328	27.6	26.6	3.7%	8881343	17.0	17.5	2.9%
Mg	8881289	1.05	1.20	13.3%	8881308	1.07	1.10	2.8%	8881328	1.29	1.24	4.0%	8881343	1.13	1.16	2.6%
Mn	8881289	5020	5680	12.3%	8881308	1270	1300	2.3%	8881328	7680	7410	3.6%	8881343	16200	15100	7.0%
Mo	8881289	0.69	0.74	7.0%	8881308	0.74	0.76	2.7%	8881328	1.11	1.04	6.5%	8881343	2.26	2.12	6.4%
Na	8881289	0.02	0.02	0.0%	8881308	0.01	0.01	0.0%	8881328	0.02	0.02	0.0%	8881343	0.01	0.01	0.0%
Nb	8881289	0.83	0.87	4.7%	8881308	2.33	2.46	5.4%	8881328	1.12	1.35	18.6%	8881343	0.67	0.66	1.5%
Ni	8881289	22.2	25.2	12.7%	8881308	20.2	20.7	2.4%	8881328	26.5	25.9	2.3%	8881343	33.1	34.0	2.7%
P	8881289	1240	1410	12.8%	8881308	1750	1780	1.7%	8881328	3380	3290	2.7%	8881343	2220	2270	2.2%



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

Pb	8881289	10.0	10.6	5.8%	8881308	87.8	87.5	0.3%	8881328	10.9	11.5	5.4%	8881343	9.9	10.7	7.8%
Rb	8881289	6.92	7.97	14.1%	8881308	4.2	4.2	0.0%	8881328	5.3	5.3	0.0%	8881343	9.2	9.2	0.0%
Re	8881289	0.001	0.001	0.0%	8881308	0.001	< 0.001		8881328	0.002	0.001		8881343	0.002	0.002	0.0%
S	8881289	0.061	0.066	7.9%	8881308	0.03	0.03	0.0%	8881328	0.117	0.112	4.4%	8881343	0.157	0.152	3.2%
Sb	8881289	0.551	0.571	3.6%	8881308	0.401	0.431	7.2%	8881328	0.45	0.46	2.2%	8881343	1.02	0.981	3.9%
Sc	8881289	12.4	13.1	5.5%	8881308	4.6	4.5	2.2%	8881328	17.4	17.9	2.8%	8881343	21.7	21.6	0.5%
Se	8881289	1.3	1.2	8.0%	8881308	< 0.2	< 0.2	0.0%	8881328	1.62	2.17	29.0%	8881343	6.0	5.9	1.7%
Sn	8881289	0.6	0.8	28.6%	8881308	0.72	0.78	8.0%	8881328	0.77	0.74	4.0%	8881343	0.8	0.7	13.3%
Sr	8881289	94.8	105	10.2%	8881308	16.6	15.3	8.2%	8881328	89.4	87.7	1.9%	8881343	122	119	2.5%
Ta	8881289	0.02	0.02	0.0%	8881308	< 0.01	< 0.01	0.0%	8881328	0.02	0.03		8881343	0.016	0.015	6.5%
Te	8881289	0.02	< 0.01		8881308	0.034	0.036	5.7%	8881328	0.08	0.06	28.6%	8881343	0.02	0.05	
Th	8881289	1.0	0.9	10.5%	8881308	0.2	0.2	0.0%	8881328	0.58	0.66	12.9%	8881343	0.6	0.6	0.0%
Ti	8881289	0.0762	0.0861	12.2%	8881308	0.315	0.322	2.2%	8881328	0.056	0.057	1.8%	8881343	0.0494	0.0496	0.4%
Tl	8881289	0.13	0.15	14.3%	8881308	< 0.01	< 0.01	0.0%	8881328	0.14	0.16	13.3%	8881343	0.305	0.303	0.7%
U	8881289	4.04	4.45	9.7%	8881308	0.39	0.39	0.0%	8881328	2.28	2.31	1.3%	8881343	3.42	3.47	1.5%
V	8881289	113	126	10.9%	8881308	192	192	0.0%	8881328	414	435	4.9%	8881343	91.8	93.8	2.2%
W	8881289	0.43	0.47	8.9%	8881308	0.45	0.44	2.2%	8881328	0.463	0.471	1.7%	8881343	0.80	0.33	
Y	8881289	31.4	33.9	7.7%	8881308	2.39	2.34	2.1%	8881328	82.4	86.2	4.5%	8881343	90.7	88.9	2.0%
Zn	8881289	119	134	11.9%	8881308	122	126	3.2%	8881328	211	202	4.4%	8881343	187	190	1.6%
Zr	8881289	5.73	5.88	2.6%	8881308	1.54	1.59	3.2%	8881328	5.04	5.86	15.0%	8881343	7.2	7.2	0.0%



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.ME-1304)				CRM #2 (ref.ME-1303)				CRM #3 (ref.ME-1304)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Ag	34	34	101%	90% - 110%	152	152	100%	90% - 110%	34	33	98%	90% - 110%				
Cu	2680	2644	99%	90% - 110%	3440	3433	100%	90% - 110%	2680	2651	99%	90% - 110%				
Pb	2580	2314	90%	90% - 110%	12200	11100	91%	90% - 110%	2580	2287	89%	90% - 110%				
Zn	2200	2141	97%	90% - 110%	9310	9293	100%	90% - 110%	2200	2148	98%	90% - 110%				



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 17T280590

PROJECT: Caribou

ATTENTION TO: Kyler Hardy;Lorie Farrell

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12018		ICP-MS
Al	MIN-200-12018		ICP/OES
As	MIN-200-12018		ICP-MS
Au	MIN-200-12018		ICP-MS
B	MIN-200-12018		ICP/OES
Ba	MIN-200-12018		ICP-MS
Be	MIN-200-12018		ICP-MS
Bi	MIN-200-12018		ICP-MS
Ca	MIN-200-12018		ICP/OES
Cd	MIN-200-12018		ICP-MS
Ce	MIN-200-12018		ICP-MS
Co	MIN-200-12018		ICP-MS
Cr	MIN-200-12018		ICP/OES
Cs	MIN-200-12018		ICP-MS
Cu	MIN-200-12018		ICP-MS
Fe	MIN-200-12018		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-200-12018		ICP/OES
La	MIN-200-12018		ICP-MS
Li	MIN-200-12018		ICP-MS
Mg	MIN-200-12018		ICP/OES
Mn	MIN-200-12018		ICP/OES
Mo	MIN-200-12018		ICP-MS
Na	MIN-200-12018		ICP/OES
Nb	MIN-200-12018		ICP-MS
Ni	MIN-200-12018		ICP-MS
P	MIN-200-12018		ICP/OES
Pb	MIN-200-12018		ICP-MS
Rb	MIN-200-12018		ICP-MS
Re	MIN-200-12018		ICP-MS
S	MIN-200-12018		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-200-12018		ICP/OES
Tl	MIN-200-12018		ICP-MS
U	MIN-200-12018		ICP-MS
V	MIN-200-12018		ICP/OES
W	MIN-200-12018		ICP-MS
Y	MIN-200-12018		ICP-MS

Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 17T280590

PROJECT: Caribou

ATTENTION TO: Kyler Hardy;Lorie Farrell

SAMPLING SITE:

SAMPLED BY:

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

CLIENT NAME: MISC AGAT CLIENT ON, ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

PROJECT: Caribou

AGAT WORK ORDER: 17T280591

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Feb 09, 2018

PAGES (INCLUDING COVER): 18

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

***NOTES**

VERSION 1:Version 2: These results super cede the original results sent on Friday December 8th at 6:38pm.

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: 17T280591

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017

DATE RECEIVED: Nov 06, 2017

DATE REPORTED: Feb 09, 2018

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.01	Al % 0.01	As ppm 0.1	Au ppm 0.005	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
126851 (8881772)		0.20	1.13	26.2	0.010	<5	86	0.11	0.45	0.10	0.08	4.73	7.3	23.4	1.03
126852? (8881773)		0.19	0.91	31.7	0.014	<5	56	0.11	0.15	0.14	0.06	4.49	7.1	22.7	0.59
126853 (8881774)		0.17	2.32	90.8	<0.005	<5	102	0.19	0.08	0.09	0.10	5.82	14.6	50.7	2.23
126854 (8881775)		0.25	1.43	109	0.016	<5	511	0.31	0.07	1.56	0.19	11.4	13.6	295	2.60
126855 (8881776)		0.35	1.53	68.2	<0.005	<5	132	0.16	0.06	0.15	0.11	6.64	8.9	45.0	0.87
126856 (8881777)		0.29	0.38	3.2	0.005	<5	77	0.06	0.08	0.07	<0.01	4.05	1.8	14.7	0.52
126857 (8881778)		0.09	1.60	14.7	<0.005	<5	127	0.34	0.05	0.27	0.06	9.25	10.7	23.0	0.98
126858 (8881779)		0.42	1.25	16.1	0.006	<5	71	0.19	0.08	0.08	0.08	4.89	11.9	26.9	1.32
126859 (8881780)		0.68	0.62	5.2	0.005	<5	54	0.07	0.14	0.08	0.03	4.65	3.5	18.4	0.27
126860 (8881781)		0.21	0.44	2.4	<0.005	<5	47	<0.05	0.12	0.04	0.02	4.23	1.8	10.9	0.19
126861 (8881782)		0.18	1.28	14.0	0.005	<5	78	0.14	0.15	0.07	0.04	8.25	7.6	27.1	0.86
126862 (8881783)		0.28	1.17	9.8	<0.005	<5	75	0.13	0.10	0.11	0.03	6.34	6.9	30.1	0.62
126863 (8881784)		0.16	1.15	5.2	<0.005	<5	83	0.22	0.06	0.38	0.07	7.35	10.1	26.2	0.66
126901 (8881785)		0.73	1.55	10.1	<0.005	<5	266	0.73	0.11	0.31	0.09	8.64	18.4	13.7	1.67
126902 (8881786)		0.23	0.77	3.3	0.006	<5	94	0.10	0.09	0.14	0.04	3.48	1.7	4.7	0.85
126903 (8881787)		0.50	0.87	7.8	<0.005	<5	187	0.16	0.12	0.21	0.02	4.40	8.5	14.1	0.72
126904 (8881788)		0.63	0.78	5.3	0.007	<5	65	0.18	0.10	0.07	0.03	4.15	4.9	7.7	0.71
126905 (8881789)		0.41	0.72	5.3	<0.005	<5	139	0.38	0.07	0.24	0.02	6.16	2.0	4.7	0.76
126906 (8881790)		2.86	1.75	4.9	0.008	<5	209	0.90	0.10	0.58	0.14	16.1	25.0	22.4	2.67
126907 (8881791)		0.37	1.11	14.1	0.007	<5	221	0.99	0.12	0.44	0.15	13.3	16.7	8.4	1.68
126908 (8881792)		0.14	0.89	10.8	<0.005	<5	228	0.86	0.10	0.25	0.07	12.0	16.5	5.7	1.93
126909 (8881793)		0.46	0.69	4.8	0.008	<5	123	0.39	0.10	0.17	0.05	5.49	12.6	7.5	0.91
126910 (8881794)		0.23	1.19	7.6	0.018	<5	135	0.41	0.12	0.34	0.04	5.77	11.6	22.4	2.25
126911 (8881795)		0.31	1.21	10.4	0.009	<5	265	1.11	0.24	0.72	0.11	14.8	20.5	9.8	3.12
126912 (8881796)		0.26	0.88	8.9	<0.005	<5	159	0.88	0.28	0.39	0.04	8.86	10.3	4.1	2.00
126913 (8881797)		0.34	0.80	7.8	0.010	<5	264	0.92	0.33	0.50	0.06	11.3	14.3	5.9	2.25
126914 (8881798)		0.68	0.95	6.8	<0.005	<5	254	1.19	0.29	0.36	0.13	15.0	17.1	4.3	2.54
126915 (8881799)		0.20	1.41	7.5	<0.005	<5	185	0.58	0.16	0.25	0.03	8.40	10.2	10.9	1.38
126916 (8881800)		0.53	2.27	6.6	0.018	<5	429	0.76	0.08	0.95	0.09	19.7	22.6	22.0	2.34
126551 (8881801)		193	1.00	9.8	0.177	<5	64	0.48	5.88	0.97	1.45	27.8	12.9	8.7	0.83
126552 (8881802)		3.52	0.35	1.0	0.024	<5	29	0.36	0.69	10.0	0.16	35.2	3.6	17.7	0.15
126553 (8881803)		19.5	0.90	4.3	0.016	<5	62	0.38	0.09	4.20	0.30	33.1	9.4	48.8	1.60

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280591

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Feb 09, 2018					SAMPLE TYPE: Other				
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	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	
126554 (8881804)	0.97	4.58	1.0	<0.005	<5	69	1.32	0.05	1.69	0.21	11.9	66.6	147	1.29	
126555 (8881805)	28.0	0.39	5.3	<0.005	<5	52	0.15	0.10	0.41	0.33	28.4	3.3	62.2	0.17	
126556 (8881806)	0.25	1.27	38.2	<0.005	<5	50	0.68	0.09	1.17	0.05	15.8	28.3	75.0	0.07	
126557 (8881807)	0.45	1.61	19.2	0.011	<5	53	1.12	0.03	1.15	0.02	18.8	33.2	47.9	0.89	
126559 (8881808)	9.68	0.17	1.4	0.016	<5	5	0.10	0.03	33.5	0.06	2.39	1.8	1.6	<0.05	
126560 (8881809)	0.26	0.47	18.4	<0.005	<5	84	0.20	0.19	0.46	0.04	20.1	4.7	24.1	0.13	
126561 (8881810)	0.13	0.28	40.7	<0.005	<5	33	0.13	0.02	0.64	<0.01	6.58	0.3	41.1	0.59	
126562 (8881811)	0.12	0.35	2.8	0.009	<5	94	0.24	0.11	1.30	0.04	6.98	1.9	22.3	0.45	
126563 (8881812)	2.68	2.16	5.5	<0.005	6	88	0.38	0.02	2.58	0.04	14.2	29.9	23.3	1.82	
126564 (8881813)	51.1	2.86	6.2	<0.005	7	92	0.52	0.07	3.55	1.53	10.6	21.0	75.6	0.13	
126565 (8881814)	0.74	1.75	3.7	<0.005	<5	55	0.72	0.03	2.28	0.08	16.3	30.6	16.7	0.18	
126566 (8881815)	345	0.58	3.1	0.019	<5	28	0.15	0.21	2.40	6.06	30.8	2.8	5.9	0.10	
126567 (8881816)	320	2.98	3.3	0.026	<5	26	0.49	0.10	0.37	0.88	22.5	28.8	17.4	0.25	
126568 (8881817)	547	1.66	4.7	0.044	<5	24	0.49	0.30	0.25	2.79	33.0	12.4	22.8	0.42	
126569 (8881818)	2.59	1.19	62.5	0.417	<5	45	0.33	0.39	0.35	0.47	19.6	21.8	48.2	2.52	
126570 (8881819)	0.19	0.03	1.5	0.016	<5	14	<0.05	0.04	29.8	0.02	0.98	0.5	2.0	<0.05	
126501 (8881820)	572	2.00	1.1	0.021	<5	19	0.38	0.23	1.18	3.23	28.4	16.9	14.9	0.37	
126502 (8881821)	104	0.92	14.0	0.005	<5	40	0.27	0.04	0.42	0.63	26.2	6.8	38.7	0.39	
126503 (8881822)	11.5	0.55	6.0	<0.005	<5	24	0.23	0.05	0.11	0.12	14.9	5.2	13.4	<0.05	
126504 (8881823)	2.77	0.41	13.1	<0.005	<5	50	0.19	0.07	0.32	0.06	8.62	2.7	49.0	0.38	
126505 (8881824)	1.80	0.85	24.5	0.012	<5	90	0.34	0.08	0.47	0.15	23.5	11.2	13.6	0.87	
126506 (8881825)	0.27	0.35	32.4	0.006	<5	40	1.67	0.04	12.1	0.16	13.9	12.0	6.2	3.31	
126507 (8881826)	1.12	0.49	19.6	<0.005	<5	56	0.34	0.71	1.43	0.25	23.7	6.7	23.1	0.79	
126508 (8881827)	0.22	0.15	2.8	0.008	<5	29	0.15	0.03	4.98	0.33	3.29	8.4	35.9	0.57	
126509 (8881828)	0.12	0.41	6.8	<0.005	<5	58	0.27	0.05	0.18	0.03	10.7	1.7	35.4	1.41	
126510 (8881829)	0.10	0.36	2.5	<0.005	<5	97	0.23	0.11	0.18	0.08	3.24	1.7	23.2	0.79	
126511 (8881830)	0.12	0.31	12.6	0.009	<5	50	0.24	0.07	0.23	0.09	10.5	0.5	22.1	0.54	
126512 (8881831)	0.09	0.31	17.5	<0.005	<5	84	0.15	0.02	0.84	0.03	12.3	0.3	46.0	0.80	
126513 (8881832)	0.06	0.41	24.1	<0.005	<5	92	0.35	0.04	0.04	0.04	16.3	1.0	27.0	2.70	
126514 (8881833)	0.07	0.33	56.9	0.006	<5	81	0.16	0.09	0.04	0.02	13.7	0.3	54.0	0.96	
126515 (8881834)	0.06	0.41	58.6	0.010	<5	93	0.31	0.14	0.02	0.01	19.2	0.4	26.1	0.89	
126516 (8881835)	0.05	0.28	68.1	0.007	<5	41	0.20	<0.01	0.02	0.02	13.2	0.6	63.2	0.91	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280591

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Feb 09, 2018					SAMPLE TYPE: Other				
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	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	
126517 (8881836)	0.72	0.36	58.6	<0.005	<5	45	0.23	0.01	0.51	0.05	4.10	0.8	36.8	0.98	
126518 (8881837)	0.17	0.34	19.1	<0.005	<5	66	0.33	0.36	0.22	0.13	2.89	2.9	45.2	1.80	
126519 (8881838)	2.28	1.23	53.8	0.310	<5	45	0.39	0.36	0.36	0.46	19.8	21.7	48.0	2.70	
126520 (8881839)	0.04	0.04	<0.1	<0.005	<5	16	<0.05	0.02	30.8	0.02	1.08	0.5	2.8	<0.05	

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ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017		DATE REPORTED: Feb 09, 2018		SAMPLE TYPE: Other									
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:	0.5	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
126851 (8881772)	13.6	2.95	7.85	0.53	0.16	0.04	0.036	0.03	2.4	9.7	0.63	482	0.31	0.01
126852? (8881773)	11.8	3.11	5.83	0.46	0.09	0.04	0.030	0.03	2.3	7.0	0.58	453	0.32	0.01
126853 (8881774)	14.5	4.21	9.63	0.47	0.15	0.09	0.054	0.03	2.2	23.5	1.07	1160	0.32	0.01
126854 (8881775)	25.1	2.51	6.19	0.23	0.18	0.09	0.029	0.03	4.9	12.8	1.05	4660	0.35	0.04
126855 (8881776)	17.8	3.79	7.20	0.40	0.07	0.09	0.042	0.03	2.5	13.3	0.74	641	0.40	0.01
126856 (8881777)	6.7	2.34	4.59	0.59	0.02	0.03	0.007	0.02	2.2	1.0	0.09	179	0.28	0.01
126857 (8881778)	24.2	3.36	5.04	0.41	0.21	0.05	0.036	0.04	3.3	13.1	0.75	621	0.29	0.01
126858 (8881779)	11.9	4.42	8.61	0.58	0.03	0.06	0.040	0.02	2.4	9.1	0.56	2310	0.62	<0.01
126859 (8881780)	7.4	3.73	10.6	0.67	0.03	0.05	0.015	0.03	2.5	2.5	0.23	487	0.56	0.01
126860 (8881781)	4.8	1.86	6.75	0.70	<0.02	0.02	0.005	0.02	2.2	1.1	0.10	136	0.31	0.02
126861 (8881782)	11.7	4.46	11.7	0.65	0.08	0.07	0.031	0.03	3.2	8.4	0.48	1040	0.97	<0.01
126862 (8881783)	9.9	4.55	10.8	0.55	0.06	0.09	0.031	0.02	2.2	6.5	0.45	719	0.71	0.01
126863 (8881784)	15.7	3.20	6.10	0.27	0.05	0.02	0.031	0.03	3.3	9.0	0.82	571	0.37	0.02
126901 (8881785)	67.3	3.66	7.39	0.39	0.05	0.07	0.085	0.05	3.2	12.6	0.71	3370	0.26	<0.01
126902 (8881786)	14.5	2.05	6.62	0.49	0.02	0.05	0.016	0.05	1.9	1.0	0.11	261	0.23	<0.01
126903 (8881787)	35.2	2.98	7.00	0.50	0.04	0.07	0.038	0.06	2.2	2.8	0.29	2190	0.34	0.01
126904 (8881788)	18.0	2.65	5.99	0.67	0.03	0.03	0.023	0.03	2.2	1.7	0.17	859	0.35	0.01
126905 (8881789)	107	1.85	4.05	0.62	0.03	0.03	0.024	0.04	3.2	1.0	0.09	252	0.24	0.01
126906 (8881790)	439	4.21	7.50	0.42	0.12	0.05	0.053	0.08	5.9	16.0	1.38	4270	0.30	0.01
126907 (8881791)	210	3.90	3.18	0.36	0.07	0.03	0.075	0.09	5.5	6.6	0.48	3290	0.31	<0.01
126908 (8881792)	66.5	3.50	2.90	0.39	0.06	0.03	0.064	0.06	5.0	6.0	0.40	2850	0.23	<0.01
126909 (8881793)	30.3	2.08	3.16	0.57	0.51	0.07	0.040	0.05	2.2	1.9	0.16	1550	0.56	<0.01
126910 (8881794)	50.7	3.18	5.84	0.36	0.12	0.04	0.042	0.04	2.6	7.4	0.62	992	0.28	<0.01
126911 (8881795)	89.2	4.24	4.49	0.31	0.12	0.03	0.065	0.11	6.0	11.4	1.00	3750	0.30	<0.01
126912 (8881796)	45.1	3.41	2.79	0.27	0.06	0.07	0.070	0.14	3.5	5.2	0.34	1720	0.28	<0.01
126913 (8881797)	54.6	3.43	2.34	0.27	0.09	0.06	0.063	0.11	4.4	4.8	0.36	2650	0.41	<0.01
126914 (8881798)	196	3.67	3.00	0.35	0.11	0.04	0.085	0.12	5.6	5.6	0.41	3440	0.23	<0.01
126915 (8881799)	61.1	3.69	6.01	0.38	0.05	0.04	0.069	0.04	3.8	11.5	0.53	970	0.45	<0.01
126916 (8881800)	180	4.29	10.3	0.19	0.13	0.05	0.060	0.09	7.4	22.1	1.81	3370	0.31	0.01
126551 (8881801)	>10000	4.93	9.56	0.55	0.21	0.04	0.065	0.08	12.2	10.6	0.78	1440	0.45	0.08
126552 (8881802)	608	1.73	3.17	0.80	0.14	<0.01	0.036	0.04	17.6	3.8	0.25	2470	0.25	0.05
126553 (8881803)	4890	2.70	9.23	0.99	0.19	<0.01	0.059	0.09	19.4	13.0	0.79	1240	0.26	0.07

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(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017		DATE REPORTED: Feb 09, 2018		SAMPLE TYPE: Other									
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:	0.5	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
126554 (8881804)	417	8.85	31.5	0.39	0.16	<0.01	0.051	0.03	6.3	62.0	5.74	7200	0.11	0.02
126555 (8881805)	5940	1.88	2.38	0.46	0.12	<0.01	0.040	0.09	12.5	2.9	0.15	394	0.42	0.11
126556 (8881806)	55.6	5.36	9.14	1.00	1.58	0.03	0.038	0.02	7.8	8.3	2.74	2160	0.37	0.08
126557 (8881807)	56.2	6.29	11.9	0.62	1.04	<0.01	0.046	0.05	8.2	13.9	2.01	3040	0.42	0.05
126559 (8881808)	1430	0.26	0.87	0.62	0.05	0.02	<0.005	<0.01	1.1	1.3	0.10	1630	<0.05	<0.01
126560 (8881809)	46.8	1.86	2.28	0.28	0.27	<0.01	0.042	0.16	7.3	2.3	0.26	798	0.32	0.09
126561 (8881810)	24.0	0.75	0.93	0.31	0.24	0.09	0.009	0.12	2.4	0.4	0.02	79	0.39	0.12
126562 (8881811)	13.4	1.56	1.13	0.36	0.11	0.01	0.051	0.17	3.6	1.1	0.08	792	0.22	0.11
126563 (8881812)	2160	5.23	10.8	0.31	0.79	0.04	0.024	0.10	7.7	20.8	1.82	1190	0.41	0.12
126564 (8881813)	8960	4.18	14.1	1.04	1.01	<0.01	0.022	0.05	5.0	20.7	2.31	3500	0.31	0.06
126565 (8881814)	180	7.82	18.5	0.22	1.52	<0.01	0.056	0.06	7.0	12.9	1.38	4060	0.44	0.06
126566 (8881815)	>10000	2.58	4.65	0.55	0.19	0.15	0.062	0.06	16.3	4.6	0.33	1260	0.23	0.10
126567 (8881816)	>10000	8.01	25.3	0.50	0.42	0.02	0.053	0.03	9.8	41.0	3.05	3440	0.36	0.05
126568 (8881817)	>10000	5.25	13.7	0.61	0.39	0.02	0.103	0.02	20.1	19.8	1.52	1610	0.25	0.07
126569 (8881818)	3790	4.25	5.49	0.53	0.32	0.16	0.027	0.85	9.9	6.3	0.89	413	140	0.04
126570 (8881819)	39.6	0.06	0.06	<0.05	0.02	<0.01	<0.005	<0.01	1.0	0.5	0.90	124	0.32	<0.01
126501 (8881820)	>10000	5.95	17.5	0.58	0.25	0.03	0.071	0.02	14.8	26.2	1.91	2200	0.39	0.06
126502 (8881821)	>10000	2.68	7.55	0.50	0.19	0.01	0.034	0.08	11.3	11.2	0.72	886	0.40	0.08
126503 (8881822)	2430	2.30	2.79	0.31	0.14	0.01	0.010	0.03	6.3	4.9	0.20	335	0.29	0.17
126504 (8881823)	777	1.74	1.58	0.23	0.18	0.02	0.039	0.13	4.0	2.2	0.07	572	0.41	0.10
126505 (8881824)	720	3.42	5.62	0.35	0.23	1.82	0.039	0.17	10.4	6.0	0.33	602	1.08	0.07
126506 (8881825)	491	3.57	2.16	0.39	0.19	0.23	0.020	0.07	7.2	2.4	4.55	3460	0.25	0.03
126507 (8881826)	122	1.61	4.16	0.46	0.25	0.04	0.033	0.13	11.8	4.3	0.64	718	62.5	0.10
126508 (8881827)	42.5	1.83	0.59	0.38	0.05	0.04	0.031	0.06	1.4	3.4	0.67	1570	1.33	0.01
126509 (8881828)	20.5	1.60	1.50	0.19	0.14	0.02	0.036	0.16	7.7	0.8	0.06	507	0.91	0.10
126510 (8881829)	12.0	1.13	1.06	0.06	0.19	0.02	0.047	0.14	1.6	0.6	0.04	724	7.19	0.13
126511 (8881830)	32.3	0.75	1.01	<0.05	0.22	0.12	0.047	0.12	5.2	1.0	0.02	336	1.03	0.13
126512 (8881831)	8.9	0.91	1.08	0.15	0.17	0.09	0.017	0.15	5.3	0.9	0.06	115	0.88	0.11
126513 (8881832)	4.6	1.13	1.97	<0.05	0.16	0.08	0.042	0.21	8.1	9.7	0.02	320	0.50	0.10
126514 (8881833)	5.6	0.90	1.61	<0.05	0.19	0.05	0.243	0.15	6.6	2.8	0.02	93	0.91	0.13
126515 (8881834)	17.0	0.85	1.48	<0.05	0.23	0.09	0.042	0.17	8.8	4.7	<0.01	76	1.00	0.15
126516 (8881835)	4.5	0.98	1.01	0.12	0.19	0.20	0.023	0.14	5.8	1.6	0.01	77	0.81	0.13

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280591

PROJECT: Caribou

5623 McADAM ROAD
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Feb 09, 2018					SAMPLE TYPE: Other				
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	%	
Sample ID (AGAT ID)	RDL:														
126517 (8881836)	167	1.27	1.31	<0.05	0.20	0.16	0.019	0.20	1.9	0.7	0.19	586	0.65	0.15	
126518 (8881837)	156	1.37	1.17	<0.05	0.21	0.05	0.050	0.14	1.2	1.3	0.28	708	24.6	0.11	
126519 (8881838)	3870	4.41	5.68	0.06	0.20	0.13	0.029	0.87	9.7	6.3	0.92	409	139	0.04	
126520 (8881839)	1.3	0.10	0.23	0.05	<0.02	<0.01	<0.005	0.03	1.1	1.1	1.89	170	0.37	<0.01	

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017							DATE REPORTED: Feb 09, 2018				SAMPLE TYPE: Other			
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	0.5	10	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
126851 (8881772)	1.10	14.2	456	15.3	3.2	0.032	0.01	0.68	4.5	<0.2	1.1	18.5	0.02	0.04	
126852? (8881773)	0.88	12.6	465	8.5	2.3	0.033	0.01	0.63	4.0	<0.2	0.8	15.4	0.02	0.01	
126853 (8881774)	1.47	23.2	971	10.1	5.0	0.034	0.02	1.75	6.1	<0.2	0.9	16.8	0.02	0.02	
126854 (8881775)	0.56	21.2	1510	8.1	5.1	0.033	0.08	0.80	6.4	1.9	0.5	163	0.03	0.05	
126855 (8881776)	1.12	17.9	530	9.0	2.5	0.030	0.03	0.57	5.0	0.3	0.5	25.0	0.02	0.02	
126856 (8881777)	0.32	4.5	286	8.0	2.0	0.031	0.01	0.47	1.4	<0.2	16.3	15.3	0.01	0.01	
126857 (8881778)	0.58	18.2	1020	8.9	4.1	0.032	0.01	0.66	6.1	<0.2	0.5	30.7	<0.01	0.04	
126858 (8881779)	2.22	13.2	2150	11.7	5.1	0.029	0.01	0.70	3.7	<0.2	0.8	19.3	<0.01	<0.01	
126859 (8881780)	2.32	7.5	663	13.3	1.6	0.030	0.01	0.73	2.2	<0.2	1.1	16.5	<0.01	0.04	
126860 (8881781)	0.67	3.8	211	7.8	1.0	0.033	<0.01	0.48	1.4	<0.2	0.9	11.4	<0.01	<0.01	
126861 (8881782)	6.23	12.4	639	14.6	3.9	0.035	0.02	0.69	3.7	<0.2	1.4	15.7	0.02	0.04	
126862 (8881783)	2.78	12.0	665	11.1	2.0	0.036	0.02	0.76	3.4	<0.2	0.8	14.2	0.01	0.02	
126863 (8881784)	0.88	17.2	578	9.1	2.7	0.034	0.02	0.69	6.6	0.3	0.5	21.4	<0.01	<0.01	
126901 (8881785)	0.29	10.4	1710	27.9	10.4	0.030	0.03	0.49	8.3	<0.2	0.6	12.0	<0.01	0.06	
126902 (8881786)	0.19	2.0	624	9.1	3.5	0.032	0.02	0.41	2.1	<0.2	0.8	8.0	<0.01	<0.01	
126903 (8881787)	0.35	6.5	1490	17.8	9.4	0.032	0.03	0.49	4.0	<0.2	0.8	10.3	<0.01	<0.01	
126904 (8881788)	0.16	4.2	834	10.2	3.1	0.032	0.02	0.54	2.5	<0.2	0.8	7.0	<0.01	0.01	
126905 (8881789)	0.14	2.3	1080	6.8	2.9	0.032	0.04	0.36	4.4	0.2	0.8	8.9	0.01	0.01	
126906 (8881790)	0.43	20.5	1240	20.8	8.4	0.032	0.04	0.49	14.2	0.4	0.5	32.1	<0.01	0.02	
126907 (8881791)	0.36	10.0	987	22.5	6.3	0.034	0.02	0.85	14.8	0.5	0.7	20.4	<0.01	0.02	
126908 (8881792)	0.28	7.5	676	12.6	5.5	0.031	0.01	0.73	13.8	0.6	1.0	15.3	<0.01	<0.01	
126909 (8881793)	0.87	5.8	1580	11.6	4.1	0.030	0.05	0.57	5.6	0.3	0.6	10.7	0.07	0.06	
126910 (8881794)	0.41	10.3	1470	8.6	6.3	0.032	0.04	0.47	5.6	0.3	0.6	12.1	0.03	0.02	
126911 (8881795)	0.50	12.2	1080	10.0	8.2	0.032	0.02	0.78	16.9	0.6	0.7	25.7	<0.01	0.08	
126912 (8881796)	0.66	5.3	1180	10.9	11.2	0.026	0.02	0.65	13.5	<0.2	0.7	16.7	<0.01	0.03	
126913 (8881797)	0.75	6.5	1440	10.8	8.0	0.030	0.03	0.68	14.4	0.5	0.6	21.5	0.01	0.03	
126914 (8881798)	0.62	8.6	1040	25.0	7.6	0.032	0.02	0.67	17.1	0.7	0.9	21.1	<0.01	0.03	
126915 (8881799)	0.77	9.3	734	18.2	4.5	0.035	0.01	0.51	9.7	<0.2	0.9	27.7	<0.01	<0.01	
126916 (8881800)	0.64	26.4	926	10.3	8.6	0.029	0.04	0.46	18.5	0.7	0.7	187	<0.01	0.02	
126551 (8881801)	<0.05	211	1900	83.8	2.7	0.029	0.17	0.93	11.9	12.0	0.8	17.2	<0.01	6.27	
126552 (8881802)	0.09	26.5	443	13.3	1.1	0.033	0.11	0.34	6.7	0.8	0.4	37.5	<0.01	0.69	
126553 (8881803)	<0.05	13.8	615	4.5	3.1	0.030	0.08	0.61	9.1	0.9	0.7	13.5	<0.01	0.04	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280591

PROJECT: Caribou

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

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017							DATE REPORTED: Feb 09, 2018				SAMPLE TYPE: Other			
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	0.5	10	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
126554 (8881804)	<0.05	135	1020	2.8	1.6	0.031	0.02	0.38	24.6	0.4	0.6	25.1	<0.01	0.08	
126555 (8881805)	0.10	6.8	529	3.9	2.0	0.034	0.03	0.43	7.0	0.6	0.7	6.4	<0.01	<0.01	
126556 (8881806)	0.45	57.6	1160	8.0	0.4	0.028	0.01	2.89	24.4	0.5	0.7	24.0	<0.01	0.06	
126557 (8881807)	0.09	43.3	1580	6.2	2.7	0.029	0.01	1.31	22.7	0.8	1.2	28.5	<0.01	<0.01	
126559 (8881808)	<0.05	1.5	31	1.2	0.2	0.030	0.40	0.06	1.3	3.5	<0.2	53.5	<0.01	0.05	
126560 (8881809)	0.20	11.4	585	4.1	3.8	0.032	0.02	0.66	5.8	0.7	0.7	7.6	<0.01	0.25	
126561 (8881810)	0.14	2.2	25	1.2	2.9	0.034	0.01	2.20	2.9	<0.2	0.4	4.6	<0.01	<0.01	
126562 (8881811)	0.38	3.8	245	3.7	4.5	0.033	0.02	0.47	3.8	<0.2	1.5	8.9	<0.01	0.05	
126563 (8881812)	0.13	38.9	1130	8.1	4.3	0.033	0.07	0.36	13.0	0.9	0.8	24.6	<0.01	<0.01	
126564 (8881813)	0.18	54.7	643	1280	1.3	0.029	0.12	0.29	14.8	0.8	0.5	54.5	<0.01	<0.01	
126565 (8881814)	0.48	18.1	1600	129	1.9	0.028	0.03	0.92	24.0	0.8	1.0	28.2	<0.01	<0.01	
126566 (8881815)	0.14	4.1	474	2650	1.0	0.030	1.55	0.23	6.7	2.4	0.7	14.0	<0.01	0.20	
126567 (8881816)	0.26	26.4	1140	22.8	0.6	0.029	1.76	0.50	16.1	0.9	1.1	13.0	0.01	0.07	
126568 (8881817)	0.18	11.9	858	34.9	0.7	0.028	3.87	0.23	11.3	4.4	0.9	<0.2	<0.01	0.47	
126569 (8881818)	0.40	37.7	1040	23.5	55.7	0.309	2.12	3.44	11.7	7.1	2.0	27.8	<0.01	0.90	
126570 (8881819)	0.32	<0.5	86	1.1	0.8	0.028	0.32	0.13	0.5	0.9	<0.2	73.8	<0.01	0.06	
126501 (8881820)	0.10	19.8	946	12.3	0.6	0.029	2.81	0.35	12.2	2.0	0.8	5.0	<0.01	0.20	
126502 (8881821)	0.13	6.2	531	17.7	2.0	0.026	0.87	0.32	6.3	1.9	0.5	6.4	<0.01	0.02	
126503 (8881822)	0.09	3.4	398	4.6	0.7	0.026	0.53	0.15	4.6	0.3	0.7	4.7	<0.01	0.04	
126504 (8881823)	0.09	2.6	204	2.0	2.9	0.028	0.07	0.40	4.1	0.4	0.4	8.3	<0.01	<0.01	
126505 (8881824)	0.07	2.6	1850	127	6.3	0.033	1.76	1.83	7.0	1.9	0.4	12.8	<0.01	<0.01	
126506 (8881825)	0.05	1.8	864	6.0	3.2	0.029	0.24	10.1	9.7	0.9	0.3	111	<0.01	<0.01	
126507 (8881826)	0.10	3.1	409	14.4	3.8	0.182	0.24	1.24	3.7	0.9	3.0	16.7	<0.01	0.04	
126508 (8881827)	0.15	6.9	83	6.3	2.0	0.027	0.06	0.46	3.6	0.3	0.5	36.6	<0.01	<0.01	
126509 (8881828)	0.06	1.8	390	2.8	4.4	0.028	0.31	1.10	7.5	0.3	0.4	6.6	<0.01	<0.01	
126510 (8881829)	0.08	2.5	25	7.0	3.5	0.033	0.01	0.83	5.3	<0.2	3.8	6.8	<0.01	<0.01	
126511 (8881830)	0.09	1.5	15	3.6	3.0	0.026	0.04	9.09	3.9	<0.2	0.3	4.4	<0.01	<0.01	
126512 (8881831)	0.15	2.0	26	2.4	4.1	0.029	0.01	3.19	2.8	<0.2	0.5	7.1	<0.01	<0.01	
126513 (8881832)	0.09	2.4	40	3.6	6.6	0.030	0.02	3.64	3.5	<0.2	0.6	8.0	<0.01	<0.01	
126514 (8881833)	0.12	2.1	32	1.9	4.8	0.029	0.01	1.77	3.2	<0.2	0.8	4.1	<0.01	0.02	
126515 (8881834)	0.12	1.4	47	1.8	4.7	0.027	0.01	2.64	3.2	<0.2	0.7	7.9	<0.01	0.02	
126516 (8881835)	0.16	2.7	14	1.5	4.1	0.026	0.36	8.55	2.8	<0.2	0.5	5.0	<0.01	<0.01	

Certified By:



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AGAT WORK ORDER: 17T280591

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017

DATE RECEIVED: Nov 06, 2017

DATE REPORTED: Feb 09, 2018

SAMPLE TYPE: Other

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	0.5	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)														
126517 (8881836)	0.16	1.9	22	2.4	4.9	0.026	0.47	8.80	4.4	<0.2	0.6	15.4	<0.01	0.01
126518 (8881837)	<0.05	3.5	20	2.7	3.8	0.103	0.08	9.35	4.0	0.3	0.2	8.0	<0.01	0.13
126519 (8881838)	0.26	38.2	1060	22.5	57.4	0.291	2.12	3.86	11.5	7.1	1.6	30.8	<0.01	1.02
126520 (8881839)	<0.05	<0.5	105	0.4	1.3	0.027	0.33	<0.05	0.5	0.5	<0.2	75.1	<0.01	<0.01

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ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Feb 09, 2018				SAMPLE TYPE: Other
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
126851 (8881772)	0.8	0.119	<0.01	0.21	179	0.37	1.98	94.8	0.6	
126852? (8881773)	0.3	0.106	<0.01	0.25	195	0.38	2.02	76.7	0.7	
126853 (8881774)	0.6	0.110	<0.01	0.43	407	1.41	1.94	132	4.6	
126854 (8881775)	0.4	0.057	0.02	7.37	394	1.24	15.4	123	2.8	
126855 (8881776)	0.3	0.098	<0.01	0.41	235	0.49	2.66	88.8	1.2	
126856 (8881777)	<0.1	0.071	<0.01	0.18	76.1	0.13	0.98	28.7	<0.5	
126857 (8881778)	0.7	0.122	<0.01	0.29	112	0.20	5.21	101	10.0	
126858 (8881779)	0.4	0.163	0.02	0.25	131	0.26	1.89	75.0	1.2	
126859 (8881780)	0.3	0.193	<0.01	0.20	137	0.23	1.16	38.3	1.0	
126860 (8881781)	0.2	0.106	<0.01	0.13	75.3	0.07	0.73	17.3	<0.5	
126861 (8881782)	0.5	0.163	<0.01	0.24	137	0.31	1.49	75.4	3.4	
126862 (8881783)	0.3	0.170	<0.01	0.21	144	0.24	1.47	64.6	1.9	
126863 (8881784)	0.3	0.111	<0.01	0.27	94.1	0.19	4.86	88.7	2.0	
126901 (8881785)	0.3	0.022	<0.01	0.38	87.1	0.37	8.13	206	1.0	
126902 (8881786)	0.1	0.028	0.01	0.27	55.7	0.26	1.10	58.6	<0.5	
126903 (8881787)	0.1	0.033	0.03	0.31	79.6	0.36	2.60	112	0.7	
126904 (8881788)	<0.1	0.038	0.01	0.29	68.9	0.33	2.04	77.2	<0.5	
126905 (8881789)	<0.1	0.029	<0.01	0.29	43.6	0.20	7.05	55.3	<0.5	
126906 (8881790)	0.4	0.038	<0.01	0.40	100	0.33	16.1	200	2.9	
126907 (8881791)	0.6	0.027	<0.01	0.44	64.0	0.60	25.7	192	2.0	
126908 (8881792)	0.6	0.027	<0.01	0.49	67.3	0.51	24.4	175	2.1	
126909 (8881793)	0.6	0.020	<0.01	0.27	47.3	0.53	5.04	91.7	1.0	
126910 (8881794)	0.3	0.022	0.02	0.32	81.1	0.41	5.64	103	1.0	
126911 (8881795)	1.0	0.033	0.02	0.67	78.5	0.63	23.6	250	4.0	
126912 (8881796)	0.8	0.019	<0.01	0.50	53.3	0.54	10.4	166	1.3	
126913 (8881797)	0.8	0.017	<0.01	0.60	56.1	0.58	18.8	172	1.6	
126914 (8881798)	0.9	0.027	0.02	0.66	70.0	0.49	25.1	187	2.7	
126915 (8881799)	0.6	0.042	<0.01	0.41	91.1	0.42	6.37	139	1.5	
126916 (8881800)	0.6	0.076	<0.01	0.64	144	0.32	21.7	225	4.1	
126551 (8881801)	1.0	0.044	<0.01	0.57	155	0.83	29.8	80.8	6.9	
126552 (8881802)	0.6	0.022	<0.01	1.26	28.5	0.21	35.4	36.4	4.8	
126553 (8881803)	1.1	0.031	<0.01	0.45	113	0.39	18.4	114	5.3	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280591

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyle Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017

DATE RECEIVED: Nov 06, 2017

DATE REPORTED: Feb 09, 2018

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Th ppm 0.1	Ti % 0.005	Tl ppm 0.01	U ppm 0.05	V ppm 0.5	W ppm 0.05	Y ppm 0.05	Zn ppm 0.5	Zr ppm 0.5
126554 (8881804)		0.5	0.070	<0.01	0.44	277	0.06	19.3	1040	3.0
126555 (8881805)		1.0	0.025	<0.01	0.46	42.4	0.21	18.3	45.0	4.3
126556 (8881806)		0.9	0.460	<0.01	0.62	66.0	0.24	21.9	225	57.7
126557 (8881807)		1.1	0.229	<0.01	0.46	178	0.08	23.3	433	33.6
126559 (8881808)		<0.1	0.008	<0.01	<0.05	19.6	<0.05	2.35	17.0	1.9
126560 (8881809)		0.6	0.049	<0.01	0.22	13.1	0.09	13.2	51.0	8.7
126561 (8881810)		0.8	0.005	<0.01	0.21	2.1	0.10	2.97	7.2	9.4
126562 (8881811)		0.5	0.021	<0.01	0.25	16.6	0.29	8.49	40.7	5.9
126563 (8881812)		0.7	0.279	<0.01	0.39	217	0.16	18.2	204	29.4
126564 (8881813)		0.6	0.319	<0.01	0.38	208	0.27	10.1	445	38.4
126565 (8881814)		0.4	0.813	<0.01	0.26	441	0.07	27.3	175	47.9
126566 (8881815)		0.9	0.025	<0.01	9.17	119	0.38	18.4	46.0	6.6
126567 (8881816)		1.5	0.041	<0.01	0.68	244	0.45	16.4	406	5.8
126568 (8881817)		1.4	0.018	<0.01	0.50	137	0.27	15.8	233	5.9
126569 (8881818)		2.0	0.121	0.49	0.62	133	5.65	9.14	62.6	4.1
126570 (8881819)		<0.1	<0.005	<0.01	0.20	0.7	<0.05	3.16	1.6	<0.5
126501 (8881820)		1.1	0.017	<0.01	0.33	166	0.35	17.1	253	4.5
126502 (8881821)		1.0	0.018	<0.01	0.30	73.9	0.20	17.0	121	4.1
126503 (8881822)		0.7	0.007	<0.01	0.17	32.5	0.07	8.02	47.1	3.7
126504 (8881823)		0.5	0.005	<0.01	0.31	10.5	<0.05	9.01	42.2	5.9
126505 (8881824)		1.4	0.012	<0.01	0.73	106	<0.05	23.9	77.7	6.2
126506 (8881825)		0.5	0.006	<0.01	0.84	39.2	<0.05	26.1	117	9.8
126507 (8881826)		1.4	0.006	0.27	0.39	11.3	<0.05	15.1	52.2	9.2
126508 (8881827)		0.4	<0.005	<0.01	0.09	44.4	<0.05	6.16	130	1.5
126509 (8881828)		0.6	<0.005	<0.01	0.34	5.9	<0.05	10.0	42.0	4.5
126510 (8881829)		0.4	<0.005	<0.01	0.46	9.3	<0.05	6.28	50.5	5.7
126511 (8881830)		0.9	<0.005	<0.01	0.52	3.9	<0.05	10.5	31.0	6.5
126512 (8881831)		0.7	0.005	<0.01	0.33	3.4	0.13	4.96	13.8	5.6
126513 (8881832)		0.8	<0.005	<0.01	0.30	7.9	<0.05	8.74	39.6	5.7
126514 (8881833)		0.8	0.005	<0.01	0.30	1.4	0.06	6.30	20.8	7.3
126515 (8881834)		0.8	0.005	<0.01	0.45	3.9	0.06	7.05	20.5	8.2
126516 (8881835)		1.1	0.006	0.04	0.38	2.9	0.11	4.90	18.3	6.6

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T280591

PROJECT: Caribou

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 05, 2017	DATE RECEIVED: Nov 06, 2017					DATE REPORTED: Feb 09, 2018				SAMPLE TYPE: Other
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:									
126517 (8881836)	0.7	0.006	0.05	0.26	4.8	0.05	4.54	40.9	7.5	
126518 (8881837)	0.5	<0.005	0.02	0.49	12.1	<0.05	6.51	61.2	6.6	
126519 (8881838)	2.0	0.125	0.47	0.57	141	4.52	9.44	65.2	7.0	
126520 (8881839)	<0.1	<0.005	<0.01	0.11	0.6	<0.05	3.09	2.0	0.5	

Comments: RDL - Reported Detection Limit

8881772-8881839 Au determination by this method is semi-quantitative due to small sample size.

Certified By:



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	8881772	0.20	0.20	0.0%	8881790	2.86	2.78	2.8%	8881809	0.26	0.31	17.5%	8881827	0.223	0.253	12.6%
Al	8881772	1.13	1.12	0.9%	8881790	1.75	1.70	2.9%	8881809	0.47	0.46	2.2%	8881827	0.152	0.161	5.8%
As	8881772	26.2	32.0	19.9%	8881790	4.90	5.27	7.3%	8881809	18.4	15	20.4%	8881827	2.8	2.2	24.0%
Au	8881772	0.010	0.015		8881790	0.0082	0.0063	26.2%	8881809	< 0.005	< 0.005	0.0%	8881827	0.008	< 0.005	
B	8881772	< 5	< 5	0.0%	8881790	< 5	< 5	0.0%	8881809	< 5	< 5	0.0%	8881827	< 5	< 5	0.0%
Ba	8881772	86	88	2.3%	8881790	209	197	5.9%	8881809	84	82	2.4%	8881827	29	31	6.7%
Be	8881772	0.11	0.11	0.0%	8881790	0.903	0.925	2.4%	8881809	0.20	0.22	9.5%	8881827	0.151	0.165	8.9%
Bi	8881772	0.45	0.41	9.3%	8881790	0.103	0.132	24.7%	8881809	0.185	0.184	0.5%	8881827	0.033	0.038	14.1%
Ca	8881772	0.10	0.10	0.0%	8881790	0.584	0.564	3.5%	8881809	0.46	0.46	0.0%	8881827	4.98	5.25	5.3%
Cd	8881772	0.084	0.088	4.7%	8881790	0.14	0.11	24.0%	8881809	0.04	0.04	0.0%	8881827	0.33	0.31	6.3%
Ce	8881772	4.73	4.60	2.8%	8881790	16.1	16.3	1.2%	8881809	20.1	20.1	0.0%	8881827	3.29	3.35	1.8%
Co	8881772	7.3	7.6	4.0%	8881790	25.0	24.8	0.8%	8881809	4.7	4.7	0.0%	8881827	8.43	9.00	6.5%
Cr	8881772	23.4	23.8	1.7%	8881790	22.4	22.7	1.3%	8881809	24.1	22.3	7.8%	8881827	35.9	38.4	6.7%
Cs	8881772	1.03	1.11	7.5%	8881790	2.67	2.92	8.9%	8881809	0.127	0.121	4.8%	8881827	0.570	0.578	1.4%
Cu	8881772	13.6	11.5	16.7%	8881790	439	421	4.2%	8881809	46.8	57.7	20.9%	8881827	42.5	43.4	2.1%
Fe	8881772	2.95	2.90	1.7%	8881790	4.21	4.12	2.2%	8881809	1.86	1.86	0.0%	8881827	1.83	1.94	5.8%
Ga	8881772	7.85	8.27	5.2%	8881790	7.50	7.84	4.4%	8881809	2.28	2.25	1.3%	8881827	0.59	0.64	8.1%
Ge	8881772	0.53	0.41	25.5%	8881790	0.42	0.35	18.2%	8881809	0.28	0.28	0.0%	8881827	0.382	0.355	7.3%
Hf	8881772	0.16	0.13	20.7%	8881790	0.118	0.102	14.5%	8881809	0.266	0.261	1.9%	8881827	0.05	0.05	0.0%
Hg	8881772	0.04	0.04	0.0%	8881790	0.051	0.067	27.1%	8881809	< 0.01	< 0.01	0.0%	8881827	0.04	0.03	28.6%
In	8881772	0.0355	0.0329	7.6%	8881790	0.053	0.053	0.0%	8881809	0.0420	0.0384	9.0%	8881827	0.031	0.029	6.7%
K	8881772	0.03	0.03	0.0%	8881790	0.08	0.08	0.0%	8881809	0.16	0.16	0.0%	8881827	0.06	0.06	0.0%
La	8881772	2.40	2.46	2.5%	8881790	5.9	6.0	1.7%	8881809	7.34	7.51	2.3%	8881827	1.4	1.4	0.0%
Li	8881772	9.7	9.8	1.0%	8881790	16.0	15.7	1.9%	8881809	2.3	2.3	0.0%	8881827	3.40	3.57	4.9%
Mg	8881772	0.63	0.63	0.0%	8881790	1.38	1.35	2.2%	8881809	0.26	0.26	0.0%	8881827	0.67	0.71	5.8%
Mn	8881772	482	489	1.4%	8881790	4270	4020	6.0%	8881809	798	779	2.4%	8881827	1570	1670	6.2%
Mo	8881772	0.312	0.315	1.0%	8881790	0.30	0.31	3.3%	8881809	0.317	0.305	3.9%	8881827	1.33	1.33	0.0%
Na	8881772	0.01	0.01	0.0%	8881790	0.01	< 0.01		8881809	0.09	0.09	0.0%	8881827	0.01	0.01	0.0%
Nb	8881772	1.10	1.12	1.8%	8881790	0.43	0.45	4.5%	8881809	0.196	0.192	2.1%	8881827	0.15	0.14	6.9%
Ni	8881772	14.2	14.9	4.8%	8881790	20.5	20.3	1.0%	8881809	11.4	11.1	2.7%	8881827	6.91	7.47	7.8%
P	8881772	456	458	0.4%	8881790	1240	1200	3.3%	8881809	585	584	0.2%	8881827	83	92	10.3%



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

Pb	8881772	15.3	15.7	2.6%	8881790	20.8	17.9	15.0%	8881809	4.1	3.1	27.8%	8881827	6.26	6.12	2.3%
Rb	8881772	3.2	3.3	3.1%	8881790	8.4	8.8	4.7%	8881809	3.8	3.7	2.7%	8881827	2.0	2.1	4.9%
Re	8881772	0.032	0.029	9.8%	8881790	0.0324	0.0332	2.4%	8881809	0.0323	0.0314	2.8%	8881827	0.027	0.030	10.5%
S	8881772	0.01	< 0.01		8881790	0.036	0.035	2.8%	8881809	0.02	0.02	0.0%	8881827	0.06	0.06	0.0%
Sb	8881772	0.68	0.63	7.6%	8881790	0.49	0.44	10.8%	8881809	0.660	0.634	4.0%	8881827	0.457	0.430	6.1%
Sc	8881772	4.47	4.44	0.7%	8881790	14.2	13.8	2.9%	8881809	5.8	5.4	7.1%	8881827	3.6	3.7	2.7%
Se	8881772	< 0.2	< 0.2	0.0%	8881790	0.4	0.6	40.0%	8881809	0.66	0.52	23.7%	8881827	0.3	0.2	40.0%
Sn	8881772	1.1	1.0	9.5%	8881790	0.5	0.5	0.0%	8881809	0.67	0.61	9.4%	8881827	0.52	0.42	21.3%
Sr	8881772	18.5	16.8	9.6%	8881790	32.1	31.8	0.9%	8881809	7.6	7.8	2.6%	8881827	36.6	38.0	3.8%
Ta	8881772	0.02	0.01		8881790	< 0.01	< 0.01	0.0%	8881809	< 0.01	< 0.01	0.0%	8881827	< 0.01	< 0.01	0.0%
Te	8881772	0.04	0.02		8881790	0.024	0.027	11.8%	8881809	0.25	0.25	0.0%	8881827	< 0.01	< 0.01	0.0%
Th	8881772	0.8	0.6	28.6%	8881790	0.4	0.4	0.0%	8881809	0.6	0.6	0.0%	8881827	0.4	0.3	28.6%
Ti	8881772	0.119	0.119	0.0%	8881790	0.038	0.038	0.0%	8881809	0.049	0.049	0.0%	8881827	< 0.005	< 0.005	0.0%
Tl	8881772	< 0.01	< 0.01	0.0%	8881790	< 0.01	0.01		8881809	< 0.01	< 0.01	0.0%	8881827	< 0.01	< 0.01	0.0%
U	8881772	0.21	0.22	4.7%	8881790	0.40	0.40	0.0%	8881809	0.22	0.22	0.0%	8881827	0.09	0.09	0.0%
V	8881772	179	194	8.0%	8881790	100	107	6.8%	8881809	13.1	12.4	5.5%	8881827	44.4	49.2	10.3%
W	8881772	0.37	0.38	2.7%	8881790	0.328	0.313	4.7%	8881809	0.09	0.05		8881827	< 0.05	< 0.05	0.0%
Y	8881772	1.98	2.07	4.4%	8881790	16.1	16.3	1.2%	8881809	13.2	13.3	0.8%	8881827	6.16	6.57	6.4%
Zn	8881772	94.8	88.6	6.8%	8881790	200	197	1.5%	8881809	51.0	50.2	1.6%	8881827	130	132	1.5%
Zr	8881772	0.58	0.44	27.5%	8881790	2.9	2.7	7.1%	8881809	8.7	9.3	6.7%	8881827	1.5	1.6	6.5%



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CDN-ME-1206)				CRM #2 (ref.CDN-ME-1303)				CRM #3 (ref.CDN-ME-1304)				CRM #4 (ref.CDN-ME-1206)			
	Expect	Actual	Recovery	Limits												
Ag	274	271	99%	90% - 110%	152	151	99%	90% - 110%								
Cu	7900	7948	101%	90% - 110%					2680	2753	103%	90% - 110%	7900	7565	96%	90% - 110%
Pb	8010	9356	117%	90% - 110%	12200	14200	117%	90% - 110%								
Zn	23800	22650	95%	90% - 110%					2200	2125	97%	90% - 110%	23800	21120	89%	90% - 110%
Parameter	CRM #5 (ref.CDN-ME-1304)				CRM #6 (ref.CDN-ME-1206)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Ag	34	33	98%	90% - 110%	274	271	99%	90% - 110%								
Pb	2580	3005	116%	90% - 110%	8010	9257	116%	90% - 110%								

Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 17T280591

PROJECT: Caribou

ATTENTION TO: Kyler Hardy;Lorie Farrell

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12018		ICP-MS
Al	MIN-200-12018		ICP/OES
As	MIN-200-12018		ICP-MS
Au	MIN-200-12018		ICP-MS
B	MIN-200-12018		ICP/OES
Ba	MIN-200-12018		ICP-MS
Be	MIN-200-12018		ICP-MS
Bi	MIN-200-12018		ICP-MS
Ca	MIN-200-12018		ICP/OES
Cd	MIN-200-12018		ICP-MS
Ce	MIN-200-12018		ICP-MS
Co	MIN-200-12018		ICP-MS
Cr	MIN-200-12018		ICP/OES
Cs	MIN-200-12018		ICP-MS
Cu	MIN-200-12018		ICP-MS
Fe	MIN-200-12018		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-200-12018		ICP/OES
La	MIN-200-12018		ICP-MS
Li	MIN-200-12018		ICP-MS
Mg	MIN-200-12018		ICP/OES
Mn	MIN-200-12018		ICP/OES
Mo	MIN-200-12018		ICP-MS
Na	MIN-200-12018		ICP/OES
Nb	MIN-200-12018		ICP-MS
Ni	MIN-200-12018		ICP-MS
P	MIN-200-12018		ICP/OES
Pb	MIN-200-12018		ICP-MS
Rb	MIN-200-12018		ICP-MS
Re	MIN-200-12018		ICP-MS
S	MIN-200-12018		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-200-12018		ICP/OES
Tl	MIN-200-12018		ICP-MS
U	MIN-200-12018		ICP-MS
V	MIN-200-12018		ICP/OES
W	MIN-200-12018		ICP-MS
Y	MIN-200-12018		ICP-MS



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 17T280591

PROJECT: Caribou

ATTENTION TO: Kyler Hardy;Lorie Farrell

SAMPLING SITE:

SAMPLED BY:

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



CLIENT NAME: MISC AGAT CLIENT ON, ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

PROJECT: Caribou

AGAT WORK ORDER: 18T301400

SOLID ANALYSIS REVIEWED BY: Adel Mina, Mining Chief Chemist

DATE REPORTED: Feb 09, 2018

PAGES (INCLUDING COVER): 5

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

***NOTES**

VERSION 1:Version 2: This is a corrected report and super cedes the original results sent.

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: 18T301400

PROJECT: Caribou

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: Kyler Hardy;Lorie Farrell

(201-079) Sodium Peroxide Fusion - ICP-OES finish

DATE SAMPLED: Jan 10, 2018		DATE RECEIVED: Jan 11, 2018					DATE REPORTED: Feb 09, 2018					SAMPLE TYPE: Other				
Sample ID (AGAT ID)	Analyte:	Al	As	B	Ba	Ca	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Mo	
	Unit:	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
	RDL:	0.01	0.005	0.01	0.001	0.05	0.001	0.005	0.001	0.01	0.05	0.01	0.005	0.005	0.005	
126551 (9009242)		8.62	<0.005	<0.01	0.058	1.09	0.001	<0.005	2.16	6.14	2.07	<0.01	0.849	0.147	<0.005	
126567 (9009243)		8.41	<0.005	<0.01	0.030	0.46	0.003	<0.005	5.61	8.57	0.82	<0.01	2.91	0.326	<0.005	
126568 (9009244)		7.99	<0.005	<0.01	0.005	0.38	0.001	<0.005	12.0	5.99	0.05	<0.01	1.50	0.159	<0.005	
126501 (9009245)		8.11	<0.005	<0.01	0.017	1.23	0.002	<0.005	9.61	6.90	0.43	<0.01	1.86	0.215	<0.005	
126502 (9009246)		6.32	<0.005	<0.01	0.062	0.48	<0.001	0.008	2.66	3.10	1.82	<0.01	0.738	0.090	<0.005	
126566 (9058457)		8.25	<0.005	<0.01	0.041	2.58	<0.001	<0.005	6.33	3.34	1.85	<0.01	0.377	0.136	<0.005	
Sample ID (AGAT ID)	Analyte:	Ni	Pb	S	Si	Sn	Ti	V	W	Zn						
	Unit:	%	%	%	%	%	%	%	%	%						
	RDL:	0.001	0.005	0.01	0.005	0.005	0.005	0.005	0.01	0.005						
126551 (9009242)		0.022	0.010	0.18	25.5	<0.005	0.699	0.025	<0.01	0.009						
126567 (9009243)		0.003	<0.005	1.61	21.1	<0.005	0.600	0.029	<0.01	0.039						
126568 (9009244)		0.002	0.006	3.59	21.4	<0.005	0.528	0.022	<0.01	0.024						
126501 (9009245)		0.002	<0.005	2.63	21.4	<0.005	0.497	0.022	<0.01	0.026						
126502 (9009246)		<0.001	<0.005	0.80	31.7	<0.005	0.332	0.011	<0.01	0.012						
126566 (9058457)		0.001	0.231	1.51	24.5	<0.005	0.322	0.014	<0.01	0.007						

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyle Hardy;Lorie Farrell

(201-079) Sodium Peroxide Fusion - ICP-OES finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Al	9009242	8.62	8.60	0.2%														
As	9009242	< 0.005	< 0.005	0.0%														
B	9009242	< 0.01	< 0.01	0.0%														
Ba	9009242	0.058	0.057	1.7%														
Ca	9009242	1.09	1.09	0.0%														
Co	9009242	0.001	0.001	0.0%														
Cr	9009242	< 0.005	< 0.005	0.0%														
Cu	9009242	2.16	2.17	0.5%														
Fe	9009242	6.14	6.16	0.3%														
K	9009242	2.07	2.07	0.0%														
Li	9009242	< 0.01	< 0.01	0.0%														
Mg	9009242	0.849	0.856	0.8%														
Mn	9009242	0.147	0.148	0.7%														
Mo	9009242	< 0.005	< 0.005	0.0%														
Ni	9009242	0.022	0.022	0.0%														
Pb	9009242	0.0101	0.0111	9.4%														
S	9009242	0.183	0.188	2.7%														
Si	9009242	25.5	25.4	0.4%														
Sn	9009242	< 0.005	< 0.005	0.0%														
Ti	9009242	0.699	0.699	0.0%														
V	9009242	0.0248	0.0240	3.3%														
W	9009242	< 0.01	< 0.01	0.0%														
Zn	9009242	0.009	0.009	0.0%														



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Kyler Hardy;Lorie Farrell

(201-079) Sodium Peroxide Fusion - ICP-OES finish

Parameter	CRM #1 (ref.SY-4)														
	Expect	Actual	Recovery	Limits											
Al	10.95	11.12	102%	90% - 110%											
Ca	5.72	5.77	101%	90% - 110%											
Fe	4.34	4.31	99%	90% - 110%											
K	1.37	1.39	101%	90% - 110%											
Mg	0.325	0.298	92%	90% - 110%											
Si	23.3	23.2	100%	90% - 110%											
Ti	0.172	0.17	99%	90% - 110%											



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 18T301400

PROJECT: Caribou

ATTENTION TO: Kyler Hardy;Lorie Farrell

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Al	MIN-200-12001		ICP/OES
As	MIN-200-12001		ICP/OES
B	MIN-200-12001		ICP/OES
Ba	MIN-200-12001		ICP/OES
Ca	MIN-200-12001		ICP/OES
Co	MIN-200-12001		ICP/OES
Cr	MIN-200-12001		ICP/OES
Cu	MIN-200-12001		ICP/OES
Fe	MIN-200-12001		ICP/OES
K	MIN-200-12001		ICP/OES
Li	MIN-200-12001		ICP/OES
Mg	MIN-200-12001		ICP/OES
Mn	MIN-200-12001		ICP/OES
Mo	MIN-200-12001		ICP/OES
Ni	MIN-200-12001		ICP/OES
Pb	MIN-200-12001		ICP/OES
S	MIN-200-12001		ICP/OES
Si	MIN-200-12001		ICP/OES
Sn	MIN-200-12001		ICP/OES
Ti	MIN-200-12001		ICP/OES
V	MIN-200-12001		ICP/OES
W			ICP/OES
Zn	MIN-200-12001		ICP/OES