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GROTTOLI PROPERTY

PROSPECTING & TILL SAMPLING REPORT

2019 - 2021

Tweed Township

Larder Lake Mining Division

Ontario, Canada

Prepared for: Dan Grottoli, July 4th, 2021

Contents

Location

The Grottoli Property (Property), also referred to the “Jerry Lake Claim”, is situated in the east central quadrant of Tweed Township, approximately 100 kilometers north of Cochrane, Ontario, Canada. The Property lies within the Larder Lake Mining Division. The Property comprises of a single, multi-cell twelve (12) unit, unpatented mining claim 530527 centered at UTM NAD83, Zone 17 548870E, 5483277N. The twelve (12) unit multi-cell claim totals 192 hectares. To the north, east and west the multi-cell claim ties onto a contiguous group of claims recorded 100% in the name of 268189 Ontario Limited. To the south the multi-cell claim ties onto a contiguous group of claims recorded 100% in the name of Bay Capital Markets Inc.

Figure 1: Grottoli Property location in Ontario

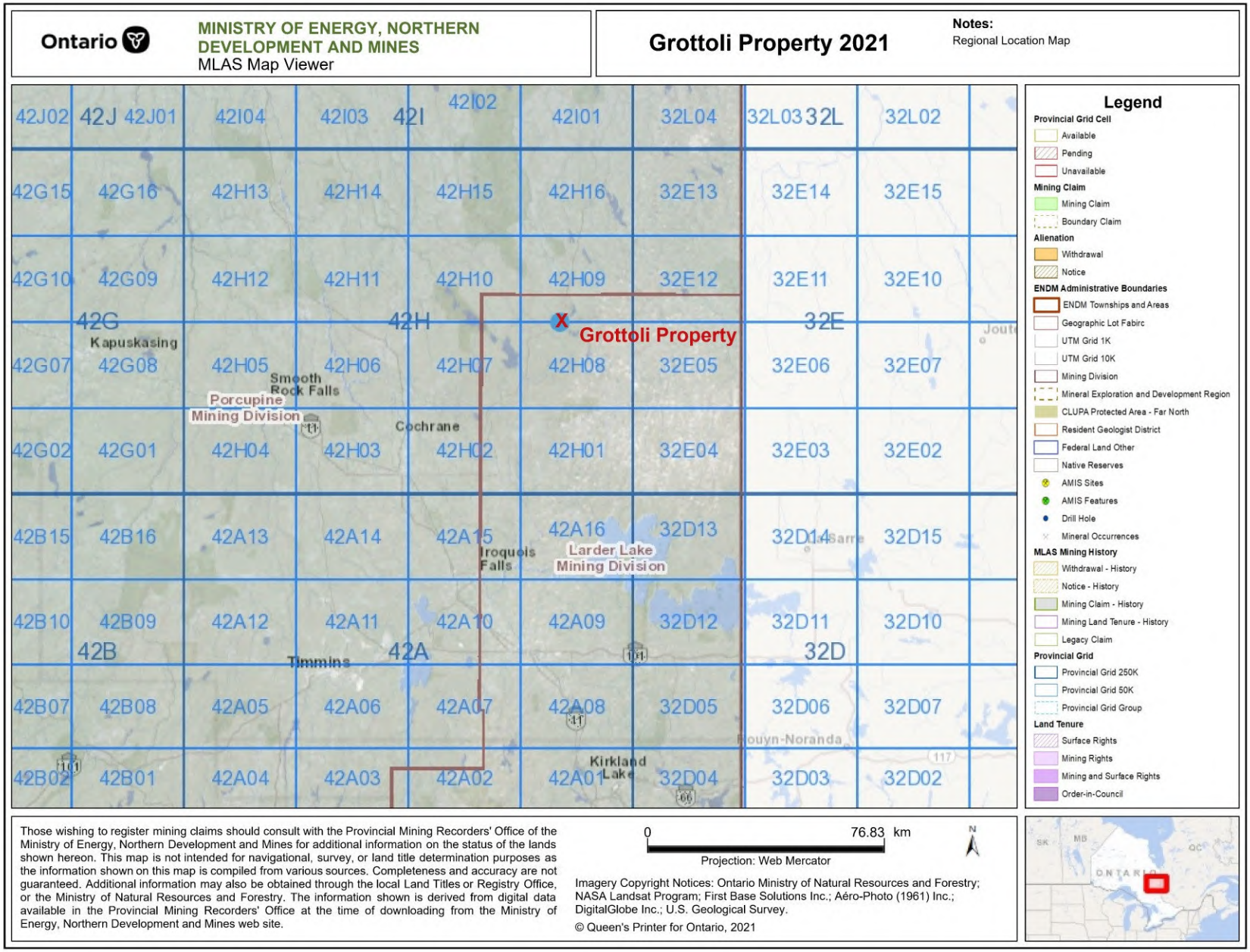


Figure 2: Regional property location map

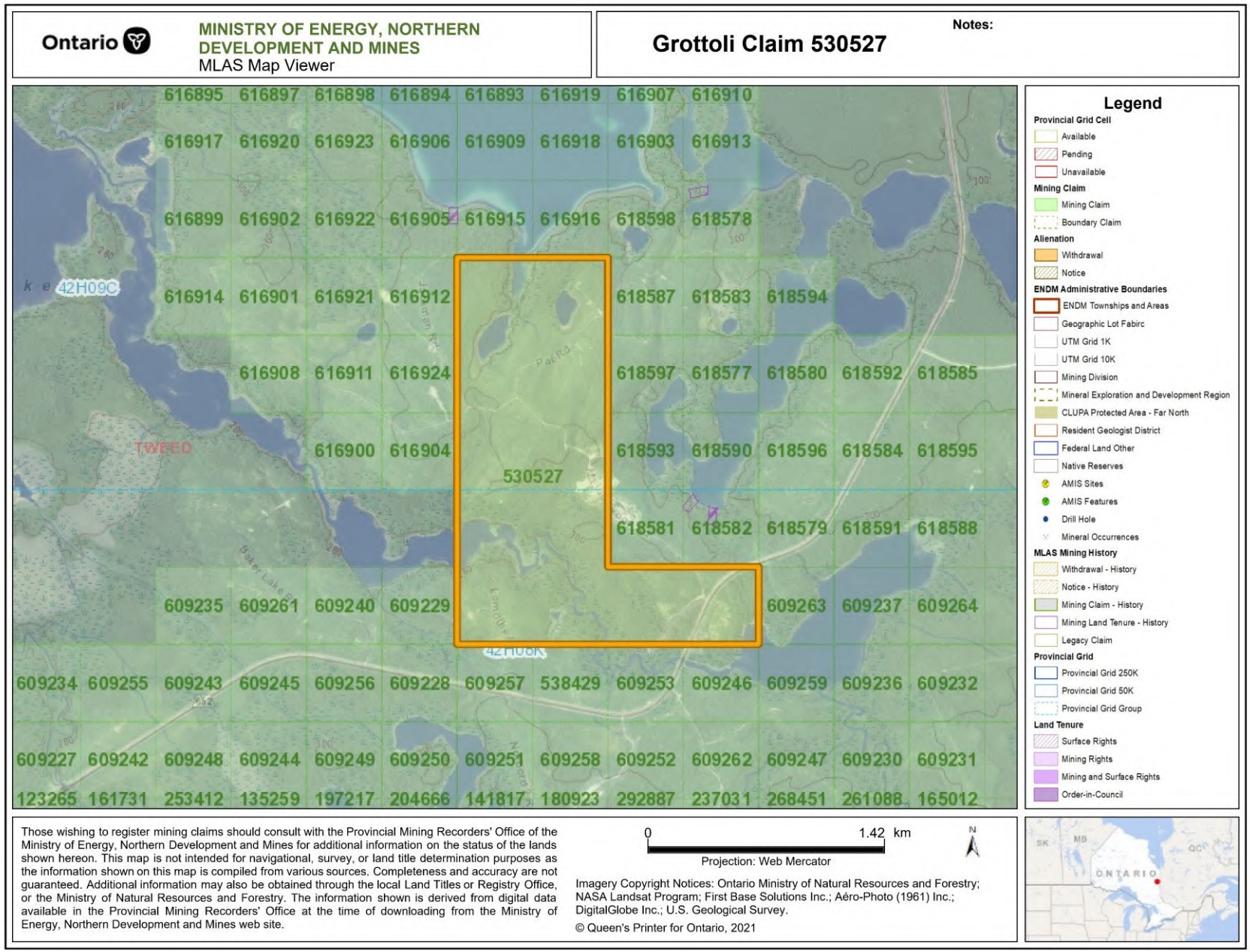


Figure 3: Property claim block.

Ownership and Claim Status

The Property consists of a single 12 unit contiguous multi-cell mining claim 530527 (Provincial Cells 42H08K008, 42H08K009, 42H08K028, 42H08K029, 42H08K030, 42H08K031, 42H09C348, 42H09C349, 42H09C368, 42H09C369, 42H09C388, 42H09C389) was registered on September 4, 2018. The anniversary date is September 4, 2021. The claim is recorded 100% in the name of Dan Gino Grottoli. There are no other interest or outstanding debt on the Property.

Exploration Plan & Permit

At the time of writing this report the author is not aware of any Exploration Plan or Exploration Permit being applied the property.

Summary of Work

Rational for acquiring the Property by D. Grottoli: “Because of my involvement with an associated business (KRT), I was in search of an absorbent that could be used for solidification of liquids and slurries. I chose this area because of exploratory drilling just north of Jerry Lake where the report indicated that a very fine-grained sand (blow sand??) was being encountered at lower levels and jamming drill holes. I anticipated that this fine sand would make a good absorbent and if it was located on the surface then it would also be economical. Surface samples were taken from three locations. I believe that the stone and sand samples are a form of dolostone”. Absorbency tests were performed in 2019 by KRT staff to determine the effectiveness of pulverized sand and stone samples left over from the ALS Canada Ltd. analysis above. The pulverized dolostone was an effective absorbent – solidifier in the tabletop tests. The sand and coarsely granulated limestone encountered on the surface was too coarse to be an effective solidifier in most cases.

Field Visits: in the summer of 2019 Dan Grottoli made two trips into multi-cell claim 530527. The first was Friday June 14, 2019, to Saturday June 15, 2019 (Inclusive) to locate and plot passable roads on the claim as well as to take dolostone sand and rock samples (float) from the surface for testing. Mr. Grottoli was accompanied by two unpaid helpers (Louis Favot and Paul St. Amand) on this first trip.

The second trip was on Friday August 2, 2019, to Saturday August 3, 2019 (inclusive) was to take photos along the roads on the claim and to identify and locate outcroppings of bedrock. D. Grottoli was accompanied by one unpaid helper.

On June 16, 2021, to June 18, 2021 (inclusive) M. Gaudreau and T. Fielding completed reconnaissance road traverses to confirm best access points, took seven (7) “C” horizon soil samples from the north part of the Property, fifteen (15) “C” horizon soil samples from the lower part of the property immediately north of Driftwood River and one (1) alluvial sample from the Driftwood River for secondary analysis in Sudbury.

The results of the field surveys resulted in determining the Property is covered by glacial drift and outwash that has somewhat variable grains of a mix of sand and calcite. The source of the calcite and sand material appears to be derived from a distant source. The magnetic anomaly shown on the 1:1,000,000 scale geological map prepared by the Ontario Geologic Survey indicates a Nipissing diabase intrusive. However, this lithology remains unconfirmed by field testing, by M. Grottoli. The magnetic anomaly has similarities to an alkalic intrusion (carbonatite) and the determination of which, remains inconclusive.

Accessibility and Infrastructure

The Property is easily accessible year-round by motorized and non-motorized vehicles off Highway 652 and on foot. The west part of the Driftwood where it empties into Baker Lake can be accessed by boat via the Baker Lake Road off Highway 652 to the east part of Baker Lake.

There are two infrastructures within the Property, being aggregate license #'s 17392 and 16062.

Regional Climate

In Cochrane, the summers are comfortable, the winters are freezing and dry, and it is partly cloudy year round. Over the course of the year, the temperature typically varies from -13 °C to 23 °C and is rarely below -27 °C or above 28 °C. The warm season lasts for 3.3 months, from June 4 to September 15, with an average daily high temperature above 18 °C. The hottest day of the year is August 5, with an average high of 23 °C and low of 8 °C. The cold season lasts for 3.5 months, from November 17 to March 3, with an average daily high temperature below 2 °C. The coldest day of the year is January 1, with an average low of -13 °C and high of -3 °C.

Historical Work

There has been no historical work on the Property other than work completed by Dan G. Grottoli as documented in this report for the years 2019 to 2021. The location of MDI42H08NE00064 is incorrect and does not fall within the Property claim 530527. This was confirmed by review of Movado diamond drilling reports. The three (3) diamond drill holes were put down Movado. The company was testing an east-west trending magnetic iron formation on the south side of the Floodwood River.

Geology

The Property's underlying lithology is not well known due to an esker formed by glacial outwash with a high content of calcite carbonate and silica in the form of clayey till, varved clay and silt, boulder clay, sand, gravel, organic mud and peat that cover the whole of the Property. It is presumed these sediments are deep in places.

Underlying the south part of the Property and in the vicinity of the Floodwood River, bedrock was tested by three (3) drillholes put down by the Movado Mining Company Limited in 1968 to test magnetic anomalies, electromagnetic and very low frequency conductors immediately south of the floodwood river. The drillholes intersected interbanded sediments and volcanic lithologies containing pyrite and pyrrhotite with non-economic grades of copper mineralization.

In the northcentral part of the property a magnetic anomaly as high as 60,100 gammas is well defined on map M81187 by the Ontario Ministry of Northern Development & Mines 1:20,000 Survey DETOUR-BURNTBUSH-ABITIBI Area Airborne Electromagnetic and Total Intensity Magnetic Survey flown, processed in 1988 and printed in 1989. No electromagnetic anomalies occurred within this magnetic anomaly. From the Ontario Geologic Survey 1:1,000,000 mapping the anomaly appears to be (assumed on the bases of the geophysical signature) a mafic and/or ultramafic gabbro intrusive.

The remainder of the underlying bedrock which underlies the Property is currently undetermined.

Prospecting

The prospectors completed work on the Property from 2019 to 2021 in the form of reconnaissance exploration to locate and map outcroppings, collect surface, and augured till “C” horizon samples, alluvial stream testing and sampling and materials absorbency testing.

Site visits on June 14th and 15th, 2019

Prospecting log by D. Grottoli:
“I made two trips to the Multi Cell Claim # 530527. The first was Friday June 14, 2019, to Saturday June 15, 2019 (Inclusive) in order to locate & plot passable roads on the claim as well as to take dolostone sand & rock samples from the surface for testing. I was accompanied by two unpaid helpers on this first trip. The second trip was on Friday August 2, 2019 to Saturday August 3, 2019 (inclusive) was to take photos along the roads on the claim and to identify and locate outcroppings of bedrock.”

On June 14th, 2019, D. Grottoli and two unpaid helpers traveled from Sudbury to Matheson, switched vehicles and continued to claim 530527 situated in Tweed Township. The purpose of the field trip was to complete access reconnaissance work and collect samples for testing. The sample area focused in and around Aggregate Permit 16062 which is situated in the southeast part of the claim. Numerous GPS locations were recorded at points of interest. They then returned to Cochrane.

On June 15th, 2019, D. Grottoli and two unpaid helpers traveled from accommodations in Cochrane to claim 530527 situated in Tweed Township. The purpose of the field trip was to complete access reconnaissance work and collect samples for testing. The sample area focused within and around Aggregate Permit 16062 which is situated in the southeast part of the claim. Numerous GPS locations were recorded at points of interest. Sample details are found in Dan Grottoli 2019 Prospector’s Log herein at the end of this report.

Site visit August 3rd ,2019

On August 3rd, 2019, D. Grottoli and one unpaid helper traveled from accommodations in Cochrane to claim 530527 situated in Tweed Township. The purpose of the field trip was to collect samples for testing. Sample details are found in Dan Grottoli 2019 Prospector’s Log herein at the end of this report. Possible outcrop was noted for a follow up site visit.

Site visit on June 16th, 17th and 18th, 2021

M. Gaudreau and T. Fielding traveled from accommodations in Cochrane to claim 530527 situated in Tweed Township. The purpose of the field trip was to complete access reconnaissance into prearranged soil sample locations, locate outcroppings by staggering the traverses on route to collect “C” horizon till samples. One alluvial sample was taken from the Floodwood River for additional testing in Sudbury.

Field Log

Note: All coordinates were taken in NAD (North American Datum) 83, UTM (Universal Transverse Mercator), Zone 17. Soil samples were taken with a 1.25 metre long, 4cm diameter, Eijkelkamp T-Handle Edelman combination soil auger. The lengthened bit allows augering in stiffer soils. A total of 22 soil samples and 1 alluvial sample were taken and sent to AGAT Laboratories in Sudbury on June 22, 2021. Sample lots of GL-1 to GL-7 and TR1 to TR15.

Summary: During the three (3) days on the grid, field traverses were completed to predetermined locations. The traverses were purposely staggered to check for outcrop. During examination of the terrain, it was noted that several of the numerous north-south striking gulley's were quite deep with steeply dipping sides. This observation somewhat supports the hypothesis that the glacial till is on average >15m depth. For example, the sides of the gulley at Soil Sample 1 (NAD83, Zone 17 548556E, 5483722N) was checked from top to bottom. No outcrop was observed, and all the soil medium tested was of a sandy, clay silty composition becoming a more fine-grained grey clay at the bottom of the gulley near an intermittent creek. When possible, soil samples were taken on or beside fallen trees or stumps which was advantageous because less roots were encountered when auguring. The soil samples averaged approximately 1.10 metre depth to ensure a sample of the "C" soil horizon was taken. The road reconnaissance on June 16th was effective in confirming that the ATV and canoe was not required for any of the planned sampling or traverses and subsequently the trailered ATV and canoe were left at the Chimo Motel in Cochrane. The alluvial stream sample from the Floodwood River was taken with a 10" Garrett gravity trap gold pan. All the samples were taken on foot and packed out daily to the truck. On June 17th while entering the Property the field party observed that the permitted aggregate license number 16062 boundaries were recently flagged. A person in a white pickup truck that was passed at the claim entrance off highway 652 might have been responsible for the recent flagging.

June 15th, 2021, M. Gaudreau and T. Fielding packed field gear including a trailered ATV and canoe setup and departed late in the day from Sudbury and picked up sampling tools in North Bay. They then continued to Cochrane, however had to find accommodations in Haileybury due to the late timing to book accommodations in Cochrane.

June 16th, 2021, M. Gaudreau and T. Fielding departed Haileybury and continued to Cochrane. After checking several available accommodation locations, booked accommodations for three (3) day/nights at the Chimo Motel. These accommodations were preferred due to the conveniences of assets security, meal preparation and parking of the trailer when not used on site. The field team departed Cochrane and traveled by 4x4 truck, trailering the ATV and canoe to the Property. Some road reconnaissance was completed, and the west Property claim line was flagged, and three (3) soil samples were collected. Along the traverses they actively searched for outcroppings. No outcrops were encountered. At the end of the day, the field team returned to Cochrane.

The following soil samples were taken:

Sample #:	Soil Sample 1
Sample Size:	>500 ml
Sample Depth:	~1.2m to "C" horizon
Coordinate:	NAD83, Zone 17, 548556E, 5483722N
Sample Description:	Light to medium brown, sandy, clay silty, very fine, homogeneous matrix.
Site Observations:	Taken at the bottom of slope on west side of slope under a fallen tree stump. There was no visible outcrop and no boulder till. The auger did not reach bedrock. The surrounding vegetation included a mix of tag alder intertangled with considerable downfall and mature spruce and poplar trees.

Sample #:	Soil Sample 2
Sample Size:	>500 ml
Sample Depth:	~1.2m to "C" horizon
Coordinate:	NAD83, Zone 17, 548607E, 5484033N

Sample Description: Light brown, silty sand.
Site Observations: Taken 15-20m from the east and south part of a small unnamed lake in a low 20m width swell with 20m sides, gradual sloping to the west on a beaver trail. The sample location was 1m above the lake water table. The forest trees were 10-20cm diameter and consisted mainly of spruce. Several (float) boulders were outcropping on the beaver trail. The forest floor was covered with moss.

Sample #: Soil Sample 3
Sample Size: >500 ml
Sample Depth: ~1.2m to "C" horizon
Coordinate: NAD83, Zone 17, 548725E, 5484063N
Sample Description: Somewhat dray, light brown, sandy, silty, with very minor amounts of small pebble sized fragments.
Site Observations: Taken on an elevated knoll of mixed new growth of birch, poplar, and spruce. The ground is well compacted and hard with a few rocks encountered.

Sample #: Soil Sample 6
Sample Size: >500 ml
Sample Depth: ~1.2m to "C" horizon
Coordinate: NAD83, Zone 17, 549123E, 5484226N
Sample Description: Sandy, medium brown, clay-silt with some minor pebbles that appear to be limestone.
Site Observations: Taken 30m east of the proposed location and taken on west slope of small unnamed lake due to very low ground beside the lake. After several attempts the sampling tool did not reach soil, only dark black organic matter. Vegetation in the low area is jack pine-spruce mix. Up on the knoll in the sample area the foliage changes to mixed birch, poplar, and balsam.

June 17th, 2021, M. Gaudreau and T. Fielding returned to the Property by truck and left the ATV/Canoe trailer combination at Chimo Motel. The earlier road reconnaissance confirmed that all the samples would be taken on foot. The field team continues to take soil samples from predetermined locations. On route to the sample locations prospecting for outcrop was ongoing. No outcrop was located during this prospecting day and three (3) soil samples were taken. The west boundary was also flagged on the ATV trail to Jerry Lake.

The following soil samples were taken:

Sample #: Soil Sample 4
Sample Size: >500 ml
Sample Depth: ~1.2m to "C" horizon
Coordinate: NAD83, Zone 17, 548817E, 5484472N
Sample Description: Material is brown and clay rich, silty sediment.
Site Observations: Sample taken ~20m east on the slope, near the water, on the south part of Jerry Lake. The water in Jerry Lake was a brilliant green colour. Very unusual. The shoreline of Jerry Lake at this location is sandy with numerous small 1-3cm pebbles. The forest is over mature with birch and spruce with lots of blowdown. The forest floor is covered in a veneer of moss.

Sample #: Soil Sample 5

Sample Size: >500 ml
Sample Depth: ~1.2m to “C” horizon
Coordinate: NAD83, Zone 17, 548964E, 5484379N
Sample Description: Material is a light brown clay rich, silty clay with small pebbles and one 3mm layer of dark grey 1.5mm course sandy grit.
Site Observations: Sample taken on a flat area of mature-mixed forest of birch and spruce. The forest floor is covered in a veneer of moss.

Sample #: Soil Sample 7
Sample Size: >500 ml
Sample Depth: ~1.2m to “C” horizon
Coordinate: NAD83, Zone 17, 548472E, 5484399N
Sample Description: Material is a light brown gritty clay with small pebbles.
Site Observations: Sample taken 15m south of the ATV trail into Jerry Lake. The forest is mixed poplar, birch and spruce and the forest floor is covered with leafy organic matter.

June 18th, 2021, M. Gaudreau and T. Fielding returned to the Property by truck and left the ATV/Canoe trailer combination at Chimo Motel. The planned travers would explore and sample the south part of the Property, north of the Floodwood River system in the lowest elevation within the Property. A total of 15 samples would be taken at prearranged locations in two (2) continuous lots with an approximate sample spacing of 10m. On the traverses to the south from the parking are within aggregate permit # 16062. No outcrop was located during the traverse. Several small rocks to <30cm were observed under fallen tree’s root mass. The south travers transected two 20m downward sloping benches with an ~45° slope. The forest is a mix of primarily mature jack pines, some birch, cedar, and low bush maples.

The following soil samples were taken and numbered in numerical order from east to west:

Sample #: Trough 1
Sample Size: >500 ml
Sample Depth: ~1.2m to “C” horizon
Coordinate: NAD83, Zone 17, 549270E, 5482521N
Sample Description: Material is darker grey, sandy, and silty.
Site Observations: Sample was taken 5m north of the Floodwood River. The location did not appear to be the below the Floodwood River high water mark. The forest is primarily cedar and low scruff brush and has a mossy forest floor. The river at this location is approximately 15-2-m wide, with a few areas of rapids and an average depth of 1m. The water is moving swiftly, and the river bottom is a mix of large, rounded rocks and boulders covered with a thin black rind of organic matter.

Sample #: Trough 2
Sample Size: >500 ml
Sample Depth: ~1.2m to “C” horizon
Coordinate: NAD83, Zone 17, 549260E, 5482532N
Sample Description: Material is brown, sandy, gritty, loose, and wet.
Site Observations: Sample was taken 3m north of the Floodwood River. The forest is primarily cedar and low scruff brush and has a mossy forest floor.

Sample #: Trough 3
Sample Size: >500 ml
Sample Depth: ~1.2m to “C” horizon
Coordinate: NAD83, Zone 17, 549243E, 5482531N
Sample Description: Material is dark brown, silty, sandy, and wet.
Site Observations: Sample was taken 3m north of the Floodwood River. The forest is primarily cedar and low scruff brush and has a mossy forest floor.

Sample #: Trough 4
Sample Size: >500 ml
Sample Depth: ~1.2m to “C” horizon
Coordinate: NAD83, Zone 17, 549238E, 5482545N
Sample Description: Material is dark brown with some narrow grey at bottom.
Site Observations: Two attempts to take a sample failed due to hitting rocks. Kept moving around and finally did get a sample. The sample was taken 4m north of the Floodwood River. The forest is primarily cedar and low scruff brush and has a mossy forest floor.

Sample #: Trough 5
Sample Size: >500 ml
Sample Depth: ~1.2m to “C” horizon
Coordinate: NAD83, Zone 17, 549217E, 5482529N
Sample Description: Material is grey-brown, sandy, and gritty.
Site Observations: Sample was taken 3m north of the Floodwood River. The forest is primarily cedar and low scruff brush and has a mossy forest floor.

Sample #: Trough 6
Sample Size: >500 ml
Sample Depth: ~1.2m to “C” horizon
Coordinate: NAD83, Zone 17, 549215E, 5482529N
Sample Description: Material is tan, brown, gritty, sandy, and clayish.
Site Observations: Sample was taken 3m north of the Floodwood River. The sample was taken during a downpour. The forest is primarily cedar and low scruff brush and has a mossy forest floor.

Sample #: Trough 7
Sample Size: >500 ml
Sample Depth: ~1.2m to “C” horizon
Coordinate: NAD83, Zone 17, 549212E, 5482530N
Sample Description: Material is brown, sandy, and gritty.
Site Observations: Sample was taken 4m north of the Floodwood River. The forest is primarily cedar and low scruff brush and has a mossy forest floor.

Sample #: Trough 8
Sample Size: >500 ml
Sample Depth: ~1.2m to “C” horizon
Coordinate: NAD83, Zone 17, 549212E, 5482530N
Sample Description: Material is dark brown, sandy, gritty with a <2% 4mm sized black pebbles.

Site Observations: Sample was taken 9m north of the Floodwood River due to rocky ground. The forest is primarily cedar and low scruff brush and has a mossy forest floor.

Sample #: Trough 9
Sample Size: >500 ml
Sample Depth: ~1.2m to “C” horizon
Coordinate: NAD83, Zone 17, 549178E, 5482527N
Sample Description: Material is brown-grey, gritty, and has 2% black shiny flakes (biotite mica?).
Site Observations: Sample was taken 3m north of the Floodwood River. The forest is primarily cedar and low scruff brush and has a mossy forest floor. The river at this location was 6-7m wide and fast moving with a bed of boulders and well washed material was located behind several of the boulder areas. This location was panned with a 10” gold pan and a >500 liter sample was taken to check at a later date. No gold was observed in the panning however a downpour occurred earlier, and the river flow increased therefore further panning was abandoned.

Sample #: Alluvial stream sample
Sample Size: >500 ml
Sample Depth: 5cm
Coordinate: NAD83, Zone 17, 549208E, 5482527N
Sample Description: Material is a somewhat homogeneous mix of pebbles and sand.
Site Observations: Sample was taken ~15m north of the Floodwood River. The depth of 1.2m could not be achieved due to hard man that could have damaged the sampling tool if the field team persisted to the proposed sample depth. The forest is primarily mature jack pines and thick low scruff brush with conifers needle shed covering the forest floor.

The field team moved northwest to the next sampling site. The preplanned location (<3m from the river) was impractical due to a >65° slope at the river’s edge. All the samples were taken on a bench at the top of the steep slope at the bend in the river. The river at this location has widened to 25-30m with a moderately slow current but navigable by canoe or similar watercraft. The last two samples Trough 14 and Trough 15 encountered a gravel-pebbly hard pan (outwash) at the 1m mark, and these two samples most likely did sample the “C” horizon but bottomed out in an ancient river delta layer of undetermined thickness. Sample Trough 10 also bottomed out in the outwash layer. At the end of the day a different route was taken back to the truck and no outcrop was located.

Sample #: Trough 10
Sample Size: >500 ml
Sample Depth: ~1.2m to “C” horizon
Coordinate: NAD83, Zone 17, 549094E, 5482775N
Sample Description: Material is light brown, sandy, gritty with ~45% pebbles content.
Site Observations: Sample was taken ~15m north of the Floodwood River. The forest is primarily mature jack pines and thick low scruff brush with conifers needle shed and moss covering the forest floor.

Sample #: Trough 11
Sample Size: >500 ml
Sample Depth: ~1.2m to “C” horizon
Coordinate: NAD83, Zone 17, 549111E, 5482765N
Sample Description: Material is tan, brown, sandy, with fine silt.

Site Observations: Sample was taken ~15m north of the Floodwood River. The forest is primarily mature jack pines and thick low scruff brush with conifers needle shed and moss covering the forest floor.

Sample #: Trough 12
Sample Size: >500 ml
Sample Depth: ~1.2m to “C” horizon
Coordinate: NAD83, Zone 17, 549101E, 5482776N
Sample Description: Material is light brown, sandy, gritty clay rich.
Site Observations: Sample was taken ~15m north of the Floodwood River. The forest is primarily mature jack pines and thick low scruff brush with conifers needle shed and moss covering the forest floor.

Sample #: Trough 13
Sample Size: >500 ml
Sample Depth: ~1.2m to “C” horizon
Coordinate: NAD83, Zone 17, 549108E, 5482789N
Sample Description: Material is dark brown, silty and clay rich.
Site Observations: Sample was taken ~15m north of the Floodwood River. The forest is primarily mature jack pines and thick low scruff brush with conifers needle shed and moss covering the forest floor.

Sample #: Trough 14
Sample Size: >500 ml
Sample Depth: ~0.8m to “C” horizon
Coordinate: NAD83, Zone 17, 549119E, 5482810N
Sample Description: Material is light brown, pebbly, gritty, and sandy.
Site Observations: Sample was taken ~15m north of the Floodwood River. The depth of 1.2m could not be achieved due to hard pan that could have damaged the sampling tool if the field team persisted to the proposed sample depth. The forest is primarily mature jack pines and thick low scruff brush with conifers needle shed and moss covering the forest floor.

Sample #: Trough 15
Sample Size: >500 ml
Sample Depth: ~0.8m to “C” horizon
Coordinate: NAD83, Zone 17, 549114E, 5482809N
Sample Description: Material is light brown, pebbly, gritty, and sandy.
Site Observations: Sample was taken ~15m north of the Floodwood River. The depth of 1.2m could not be achieved due to hard pan that could have damaged the sampling tool if the field team persisted to the proposed sample depth. The forest is primarily mature jack pines and thick low scruff brush with conifers needle shed and moss covering the forest floor.

The field team returned to Sudbury from Cochrane on June 19, 2021.
M. Gaudreau completed acid and magnetic tests on selected samples on June 20, 2021.
M. Gaudreau and D. Grottoli examined and split the field samples for assay on June 21, 2021.
D. Grottoli delivered twenty-two (22) samples from the 2021 prospecting program to AGAT in Sudbury on June 22, 2021. He also requested a two (2) week “RUSH” turnaround on the samples which was never realized. Assays received from AGAT on 2021-07-28.

Project Infrastructure

Other than a network of seasonal bush and haul roads into the Property there is no project infrastructure in place. Two licensed aggregate sites fall partly into the property. Aggregate permit # 17392 in the west central part of the claim and permit # 16062 on the southeast part of the Property, claim 530527.

Selective Field Sample Testing

Selected samples were checked by D. Grottoli (2019 - 2020) and M. Gaudreau (2021).
A small semi-dry piece of clay rich Soil Sample 7 reacted very strongly to the 10% diluted with distilled water hydrochloric acid test. The strength of the reaction is shown in the image below. Note the size of bubbles from the reaction, up to 1cm. The sample assay returned 3.73% Ca.

D. Grottoli completed absorbency testing on the samples he collected in 2019. His technical report is found in the appendices of this report.

Conclusion and Prospectors Recommendations

Supported by 2019 physical testing and lab analysis D. Grottoli confirmed absorbency testing using standard apparatus at a laboratory testing site in Sudbury. The results confirmed that the finer the fraction size of material the better the absorbency. Crushed limestone rock which appears to be from the James Bay Lowlands transported by glaciation and highly siliceous sand salvaged and deposited by glaciation in the form of a truncated esker were the material used in the testing.

The 2021 field program was successful in confirming the lack of outcrop, if any exists within the claim. The “C” horizon soil samples analysis returned several elevated minerals worth noting.

No gold grains were found while panning the Floodwood River. The alluvial sample taken from the Floodwood River was not run through a sluice at the time of submitting this report. The samples taken on the upper bank of the Floodwood River, TR-9, TR-10, TR-11, and TR-15 which encountered a gravelly hardpan, returned the highest elevated gold (Au) assays possibly suggesting placer gold might be in this gravel hardpan interval of an unknown depth.

Other elevated anomalies from the “C” horizon till assays include elevated Ba, Bi, Ca, Cr, Cs, Cu, Ga, Hf, Li, Mg, Ni, Pb, Rb, and Sr. This mix of REE’s could possibly originate from an alkalic intrusion (carbonatite), while Cu, Cr, Mg, Ni, and Pb could also be associated with a carbonatite. The mineral suite better supports a Nipissing diabase-gabbro (ultramafic) lithology with disseminates magnetite and including disseminated sulfides that have been weathered away.

Keeping in mind that the samples were taken from a relatively shallow depth compared to the estimated depth to bedrock depth. The conclusions mentioned herein by the author remain unconfirmed in determining the underlying bedrock lithologies.

Supported by the till testing and analytical results the interpretation somewhat supports a geochemical survey (50m to 100m station/line spacing) on the south part of the grid north and south of the Floodwood River.

A 50m station survey on the northwest part of the claim, ensuring to test the strongest part of the magnetic anomaly, might indicate if minerals such as Cu, Ni, PGE’s, Co, Pb, and Zn are in situ underlying the overburden. An electromagnetic airborne survey has already been flown over the claim area. If conductive minerals that are contiguous and in quantities as heavy disseminate and/or stringers where continuity is present should have resulted in electromagnetic anomalies. Therefore, based on this hypothesis no economic base and associated precious metals might be present. However, the elevated magnetite on all but one of the samples taken on the north part of the claim, south and within the interpreted Nipissing diabase could partly support the magnetic anomaly as being a magnetite bearing gabbro intrusive or alkalic intrusion (carbonatite).

From the Prospectors point of view. There appears to be few available options in continuing exploration within the Property.

1. A geochemical survey such as MMI (Mobile metal Ion) or SGH (Spatiotemporal Geochemical Hydrocarbons).
2. A survey that could define mineralization if disseminated, associated with magnetite and non-contiguous. A geophysical survey combination such as gravity survey and/or gradient array IP (Induced Polarization) survey if amenable.

Systematically and methodically thought out, a geochemical survey might be considered as the first best option.

Further testing might find an economic use in absorbency, neutralizing acid generation, industrial additives, aggregate, and placer gold.


Location flagged with sample number
Photo taken of sample number and GPS coordinate
Sampling tool sample depth
Location marked after sampling
2021 Soil Sampling Protocals
Soil sampling auger

Location of Soil Sample 1

Soil Sample 2

Soil Sample 3

Soil Sample 6

Soil Sample 4

Soil Sample 5

Soil Sample 7

Brilliant green lake water, south end of Jerry Lake, Soil Sample 4, looking west.

Location of Soil Sample 7, looking north to the ATV trail that access the south bay of Jerry Lake.

Location of soil sample Trough 1, top photo looking west, bottom photo looking east at the Floodwood River.

Sample Trough 1 (note problems GPS signal problems with Garmin 76CSx, changed to Etrex backup GPS.

Site of Trough 1 sample showing the typical ground cover immediately north of the Floodwood River.

Sample Trough 2

Sample Trough 3

Sample Trough 4

Sample Trough 5

Location of Trough 5 sample, taken looking south, noting the ground cover and the distance to the rivers edge.

Sample Trough 6

Photo of location of sample Trough 6 after a thunderstorm passed through.

Prospector, T. Fielding examining river edge at the area to be panned. Note the boulders on shoreline.

Photo showing one of several rapids that would have to be portaged and the swiftness of the current.

Location of gold panning area. The Gold panning was unsuccessful in discovering traces of gold. Photo above, of the Floodwood River was taken to show the approximate location where the alluvial sample material taken, shown on the left side of the above photo. The alluvial sample primarily consisted of a sandy, well washed, coarse sand, with minor centimetre sized pebbles and a much lesser amount of organic matter.

The sample material is mostly the composition of granite with a high percentage of quartz, pink to red feldspar, white orthoclase, and hornblende crystals.

A >500 liter alluvial sample was taken as reference material. The material will be thoroughly checked in Sudbury using a sluice, at a later date.

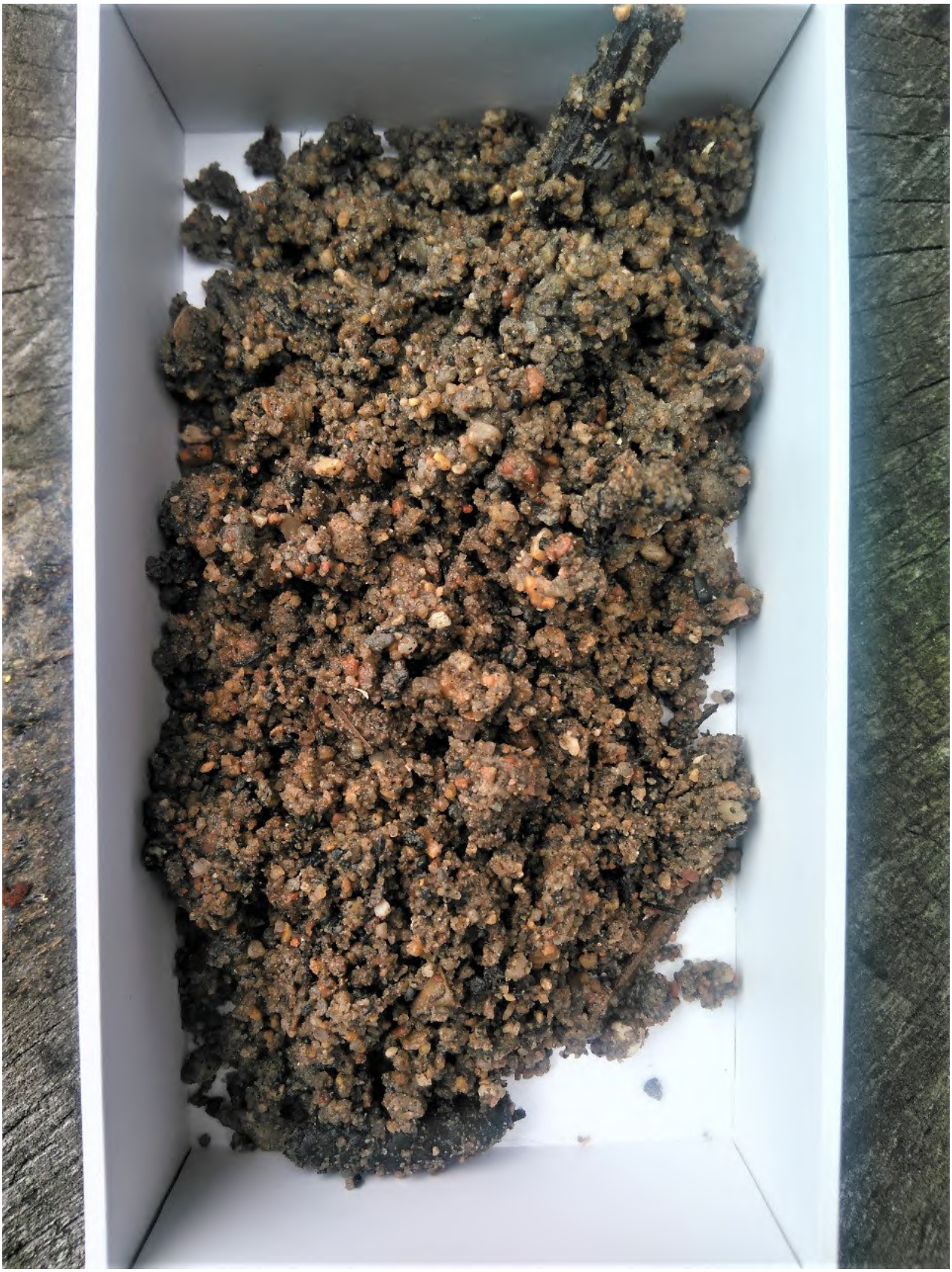


Photo of a small amount of the alluvial stream sample material. Box measures 9cm width x 17cm length.

Sample Trough 7

Sample Trough 7 looking south towards the north shore of Floodwood River.

Sample Trough 8

Sample Trough 9

Sample Trough 9, looking south to Floodwood River

Sample Trough 9 looking south towards Floodwood River. Note a stick is placed in the auger hole and ribboned.

Sample Trench 10. Very mossy ground cover under mature balsam and jack pines.

Sample Trough 10. Typical thick mossy ground cover in this second sample area to the west.

Photo taken at Trough 10 top of grade. Photo shows the steep grade to the Floodwood River and thick scrub brush.

Sample Trough 11.

Sample Trough 11, one of several samples to encounter gravely hard pan at bottom of sample depth.

Photo enlargement of grey gravely material taken from the bottom of sample Trough 11. The is hardpan is over the top of the slope, 20+ meters above and north of the Floodwood River. Encountering this hardpan layer below the organic and sandy-clay rich material was very interesting. Perhaps a river delta indicating that at one time the Floodwood River shoreline was at this elevation.

Sample Trough 12.

Sample Trough 13. Taken after a second thunderstorm passed through the area.

Sample Trough 14. Several locations were checked before committing to this one.

Sample Trough 14. Photo shows maximum depth sample could be taken without damaging the sampling tool.

Sample Trough 15.

Sample Trough 15 also encountered the hard pan at approximately 1m depth.

Appendices

REPORT ON MULTI CELL MINING CLAIM # 530527 - TWEED TOWNSHIP

GRASS ROOTS PROSPECTING

JUNE & AUGUST 2019

Prepared by: D. Grottoli CA, CPA

April 9, 2021

Claim History:

On September 4, 2018 I registered A Multi Cell Mining Claim # 530527 in TWEED Township consisting of 12 cells (42H08K008, 42H08K009, 42H08K028, 42H08K029, 42H08K030, 42H08K031, 42H09C348, 42H09C349, 42H09C368, 42H09C369, 42H09C388, 42H09C389). This claim is located just north of the North Floodwood River bridge on highway #652 (Detour Lake Gold Mine Hwy) north east of Cochrane, Ontario (See Figures 1 & 2), The property was previously used by the First Nations Timber Co. as an aggregate pit for logging road construction in the area. It appears that this aggregate pit is situated on an esker (See Figure 3) running in a north-south direction, containing substantial quantities of CaCo3.

Because of my involvement with an associated business (KRT); I was in search of an absorbent that could be used for solidification of liquids & slurries. I chose this area because of exploratory drilling just north of Jerry Lake where the report indicated that a very fine grained sand (blow sand??) was being encountered at lower levels and jamming drill holes. I anticipated that this fine sand would make a good absorbent and if it was located on the surface then it would also be economical. Surface samples were taken from three locations as shown in Figure 4. Pictures of the two rock samples are shown in Figure 5. The three samples were analyzed at ALS Canada Ltd. and those results are shown in APPENDIX 2. I believe that the stone and sand samples are a form of dolostone.

Absorbency tests (see APPENDIX 1) were performed in 2019 by KRT staff to determine the effectiveness of pulverized sand and stone samples left over from the ALS Canada Ltd. analysis above. The pulverized dolostone was an effective absorbent – solidifier in the table top tests below. The sand and coarsely granulated limestone encountered on the surface was too coarse to be an effective solidifier in most cases. The Report on absorbency and solidification is attached below.

Figure 1

Aerial view of claim #530527:

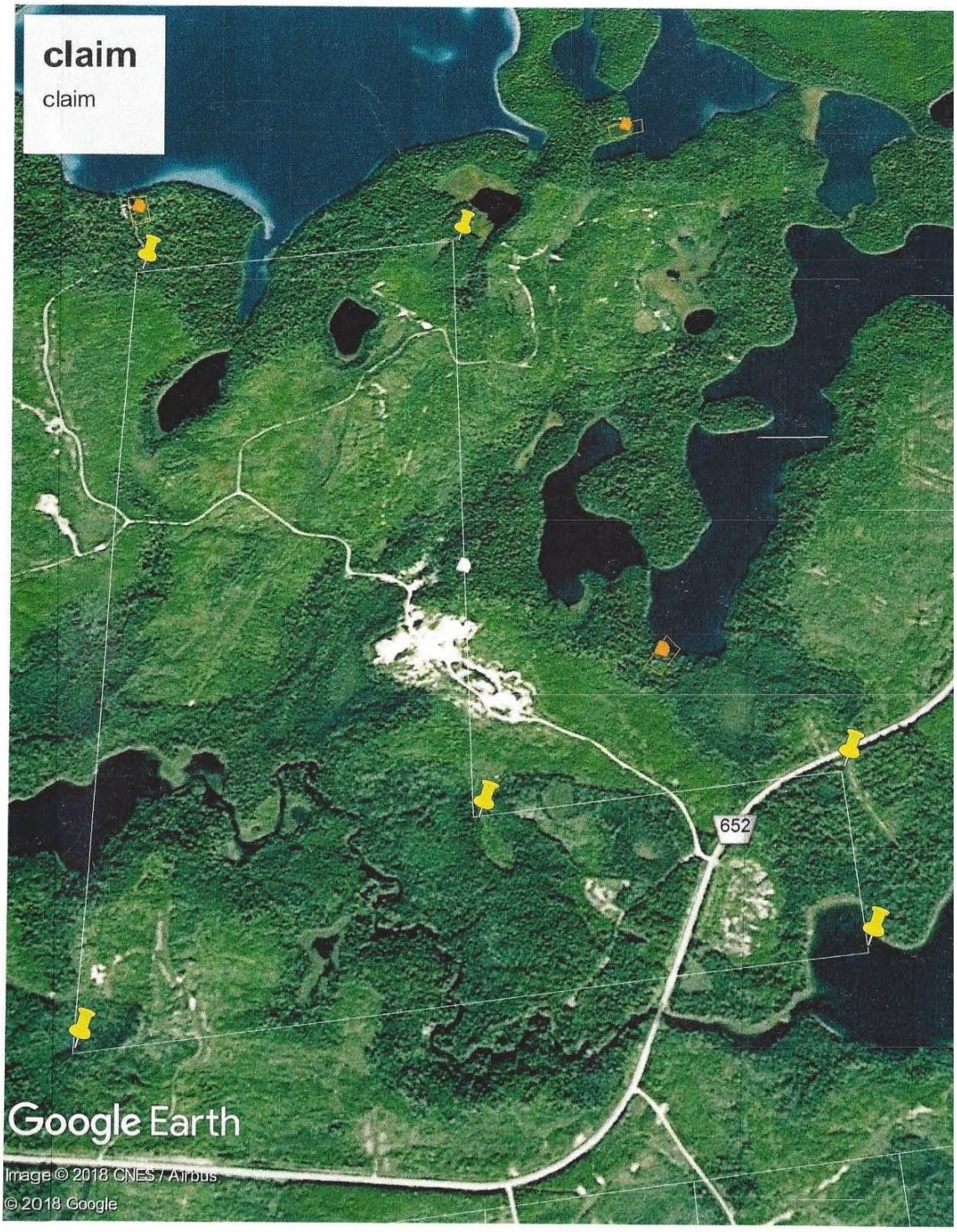


Figure 2

MLAS view of claim # 530527 boundaries:

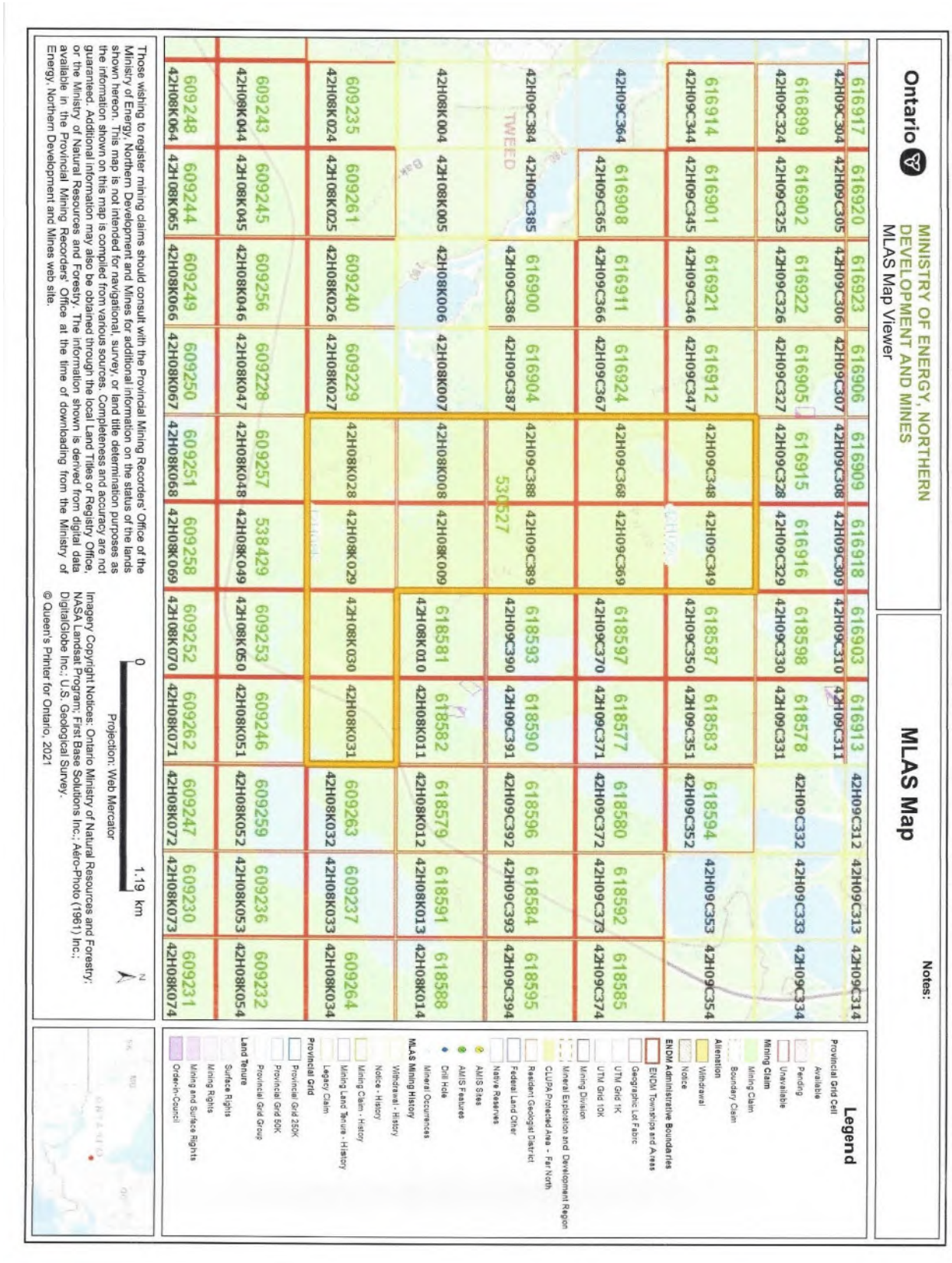


Figure 3

Quaternary survey – Tweed Twp.:

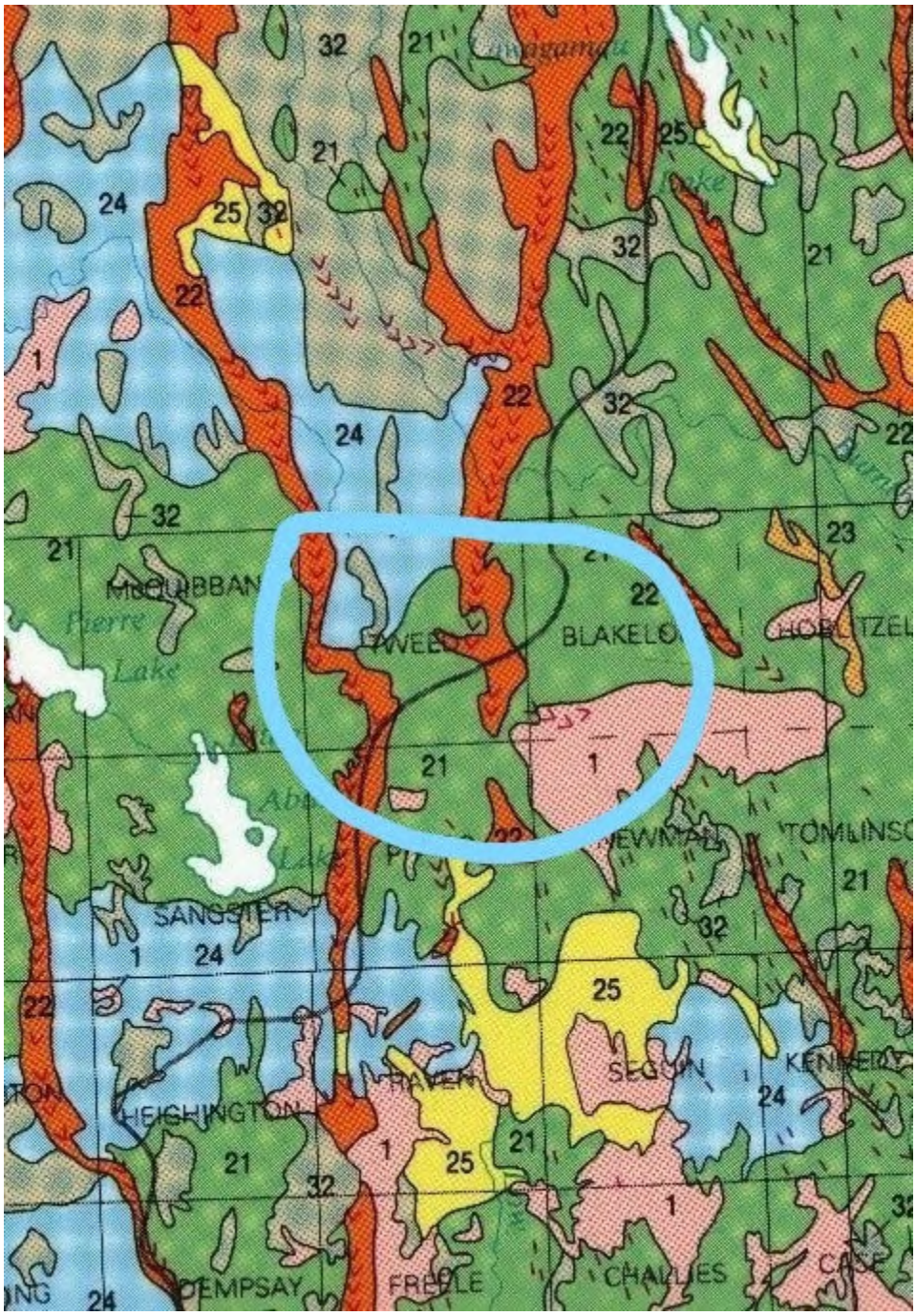


Figure 4

Jerry Lake sample locations:

Figure 5

Rock sample #19152663 (2)

Rock sample #19152663 (3)

APPENDICES

1. Table top testing of pulverized samples in figure 5 for absorbency & solidification properties.
2. ALS Canada Ltd. analysis results for samples in figure 5.

APPENDIX 1

REPORT FOR KRT – 25 Duhamel Rd. Lively, Ont.

Absorbency & solidification testing

-We will be testing five absorbents, $CaCO_3$ dust (finely pulverized), Dryox, $CaCO_3$ lightly pulverized (course grain), limestone coarsely crushed and the sand sample with three different liquid wastes, T2 (tank 2 oily water), Flammables, and AlOH solution, to determine the quantity of solid required to solidify a constant volume of liquid waste.

Procedure

- Using a micropipette take 1 mL of the liquid waste being tested and dispense it into a weigh boat, Using a digital scale measure out 1 g of the absorbent and scatter it over the liquid sample until it begins to solidify. Keep adding absorbent in 0.5 g increments until the liquid waste is solidified. The degree of solidification is visual only. No slump test will be performed.

Base liquid image

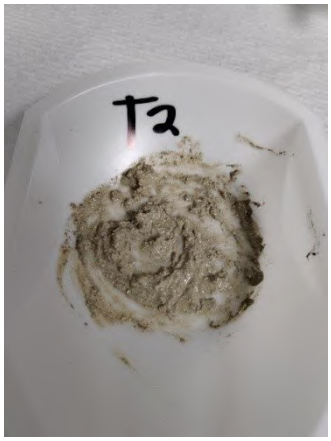
1mL T2 Oily water

1mL Flam

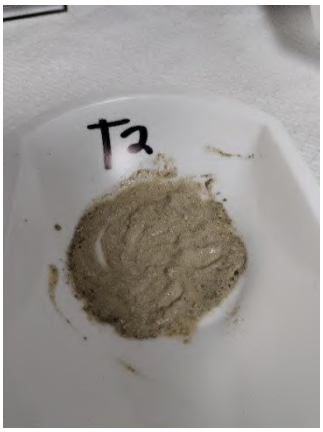
1mL AlOH

CaCO3 Dust: T2

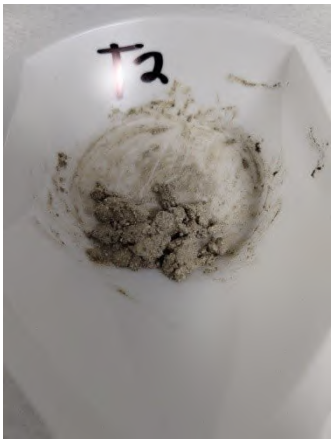
Figure 1g CaO Dust – 1 mL T2



2g CaO Dust -1 mL T2



3g CaO Dust –1 mL T2



3.5 g CaO Dust –1 mL T2

Table for CaO Dust → 1mL T2

Gram of absorbent added	Observations
1	The oil was attracted to the absorbent and is absorbing liquid right away.
1.5	
2.0	becoming a thicker mud
2.5	
3.0	still a bit of moisture but beginning to clump together
3.5	completely dry and clumped together

CaCO3 Dust: Flam

1g CaO Dust - 1 mL Flam

1.5g CaO Dust - 1 mL Flam

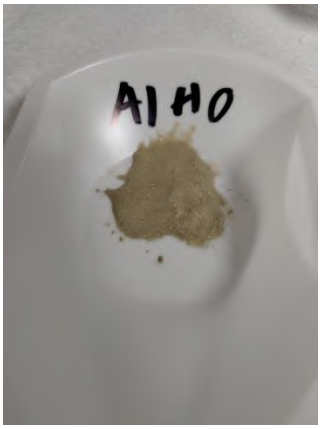
2.0g CaO Dust - 1 mL Flam

2.5g CaO Dust - 1 mL Flam

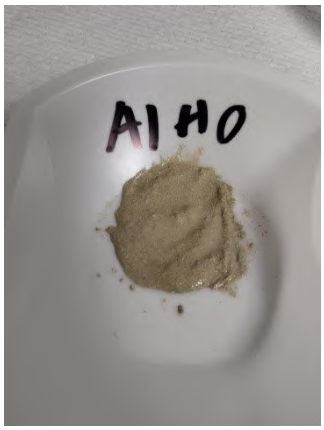
Table for CaO Dust → 1 mL Flam

Gram of absorbent added (g)	Observations
1	Appears to be unresponsive
1.5	Muddy liquid
2.0	Clumping begin
2.5	Clumped and dry

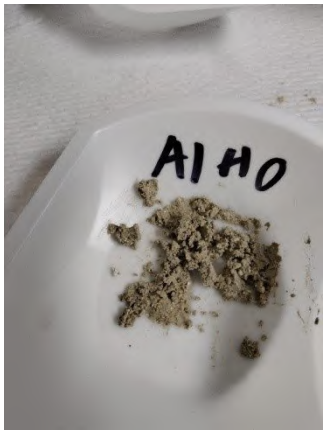
CaCO3 Dust: AlOH



1g CaO Dust - 1mL AlOH



1.5g CaO Dust - 1mL AlOH

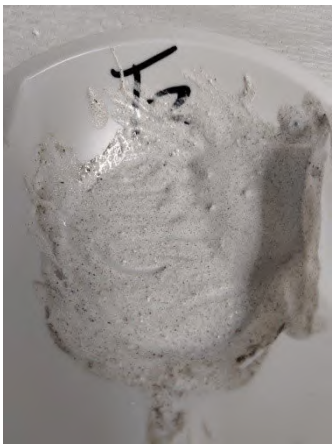


2.5g CaO Dust - 1mL AlOH

Table for CaO Dust →AlOH

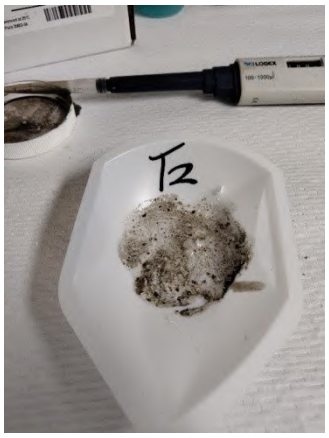
Gram of absorbent added (g)	Observations
1	Pulled moisture in
1.5	Became a muddy paste
2.0	Started to clump
2.5	Dried and clumped

Dryox: T2



2.0g Dryox - 1mL T2

3.0g Dryox - 1mL T2



5.0g Dryox - 1mL T2

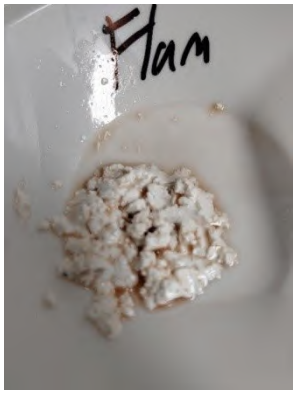
6.0g Dryox - 1mL T2

Table for Dryox→ 1mL T2

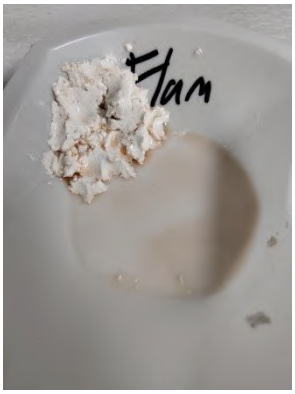
Gram of absorbent added (g)	Observations
1.0	Not much absorption, mixed with liquid
1.5	
2.0	Solution is gray in colour still very moist
2.5	
3.0	All liquid is staturated in dryox
3.5	Muddy still extremely moist
4.0	
4.5	
5.0	Not much change you are able to scrape it into a liquidy muddy pile but not very much absorption
6.0	No change from 5.0

Dryox: Flam

2.0g Dryox - 1mL Flam



3.0g Dryox - 1mL Flam



4.0g Dryox - 1mL Flam

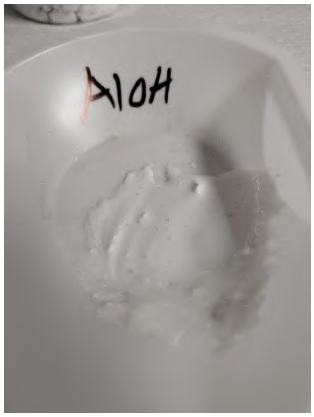
5.0g Dryox - 1mL Flam

6.0g Dryox - 1mL Flam

Table for Dryox→ 1mL Flam

Gram of absorbent added (g)	Observations
1.0	Looks like some absorption happened but still lots of left over liquid
1.5	
2.0	Soaking up and not dissolving into the liquid like in the T2 test, still moisture tho
2.5	
3.0	Most liquid is adsorbed, but there is still residual moisture
3.5	
4.0	Still not much change
4.5	
5.0	Even while spreading most dryox over left-over moisture there it doesn't seem like it's a good choice to get all moisture
6.0	Not much change

Dryox: AlOH



1.0g Dryox - 1mL AlOH

2.0g Dryox - 1mL AlOH

4.0g Dryox - 1mL AlOH

7.0g Dryox - 1mL AlOH

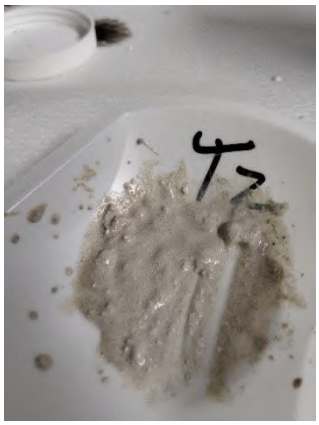
Table for Dryox→ 1 mL AlOH

Gram of absorbent added (g)	Observations
1.0	Dissolved like the T2 test
1.5	
2.0	White liquid mixture
2.5	
3.0	
4.0	no change
5.0	
7.0	One or 2 clumps but still 90% liquid

CaCO3 lightly pulverized: T2

2.0gCaO – 1mL T2

3.0g CaO – 1mL T2



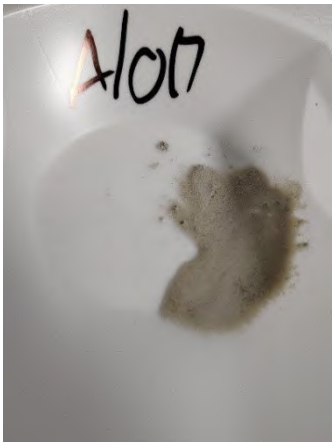
4.0g CaO – 1mL T2

6.0g CaO – 1mL T2

Table for CaO lightly pulverized → 1mL T2

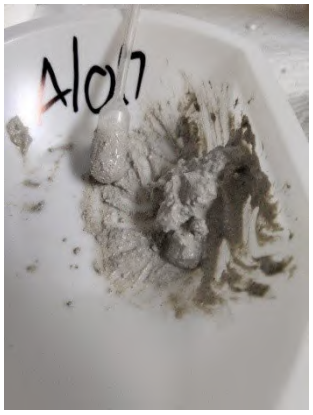
Gram of absorbent added (g)	Observations
1.0	Water attracted to absorbent
1.5	
2.0	Muddy
2.5	
3.0	Still mud
4.0	Still mud
5.0	Starting to clump
6.0	Not much change

CaCO3 lightly pulverized: AlOH



1.0g CaO - 1mL AlOH

3.0g CaO - 1mL AlOH



5.0g CaO - 1mL AlOH

7.0g CaO - 1mL AlOH

Table for CaO→ 1 mL AlOH

Gram of absorbent added (g)	Observations
1.0	Still muddy moist
1.5	
2.0	
3.0	Thicker
4.0	Still very moist
5.0	Stating to clump
5.5	
6.0	Starting to dry
6.5	
7.0	Clumped and dry

CaCO3 lightly pulverized: Flam

No photos available.

Table for CaO→ 1 mL Flam

Gram of absorbent added (g)	Observations
1.0	Moisture is attracted to absorbent
1.5	
2.0	Most of the liquid is absorbed
2.5	Clumping and stating to dry
3.0	Dry and clumped

CaCO3 (coarsely crushed): T2

1.0g limestone - 1mL T2

4.0 limestone - 1mL T2

7.0g limestone - 1mL T2

Gram of absorbent added (g)	Observations
1.0	Next to no absorption
1.5	
2.0	
2.5	
3.0	
4.0	The powder is starting to change the colour, but the oil is still present
5.0	
6.0	
7.0	Most oil is absorbed but still lots of liquid

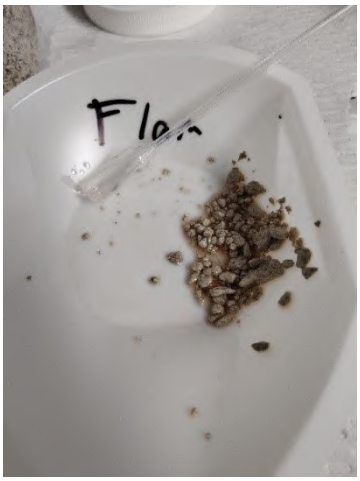
No photos available.

Table for $CaCO_3$ (coarsely crushed) → 1mL AlOH

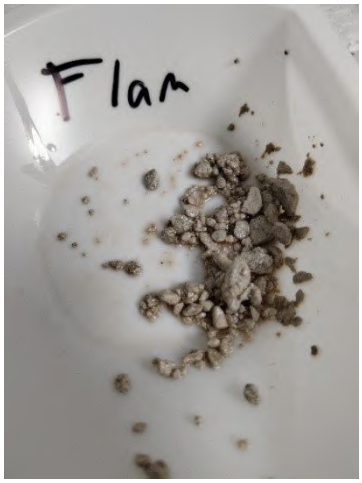
Gram of absorbent added (g)	Observations
1.0	No absorption
1.5	
2.0	Still no absorption
3.0	
4.0	
5.0	No change
6.0	
7.0	Still no change

CaCO3 (coarsely crushed): Flam

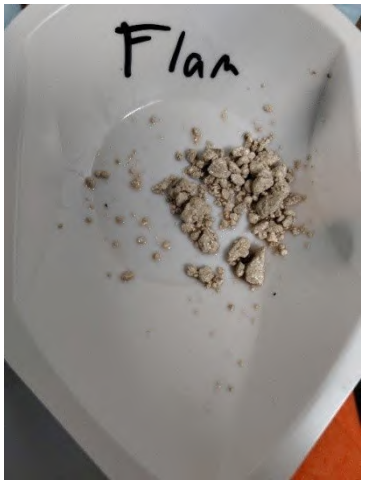
1.0g limestone - 1mL Flam



2.0g limestone - 1mL Flam



3.0g limestone - 1mL Flam



4.0g limestone - 1mL Flam

Table for CaCO3 (coarsely crushed) → 1mL Flam

Gram of absorbent added (g)	Observations
1.0	
2.0	Absorbed lots of solution
3.0	Mostly dry
3.5	
4.0	Completely dry

50/50: CaCO3 Dust/ CaCO3 lightly pulverized: 10mL of T2

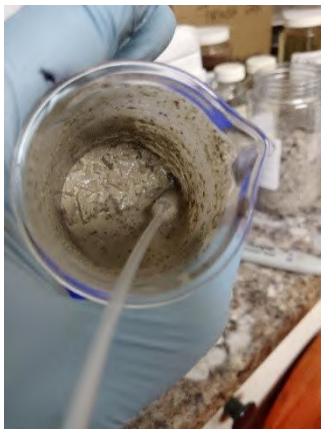
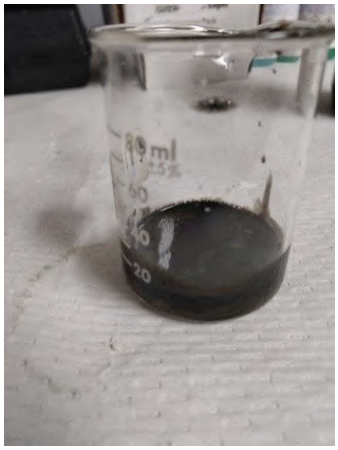


Figure 220.0 g 50/50 - 10mL T2



7.0g 50/50 - 10mL T2

ı 50/50 - 10mL T2

50.0 g 50/50 - 10mL T2

Table for 50/50 mix → 10mL of T2

Gram of absorbent added (g)	Observations
1.0	
2.0	Looks like top layer of oil is gone
3.0	
4.0	
5.0	
6.0	
7.0	Sediment forming
8.0	
9.0	
10.0	
15.0	
20.0	
30.0	
40.0	Looking muddy
50.0	Looks like a sludge
55.0	Almost dry
60.0	dry

A second test was run on just the powder to see how much difference the limestone had on the drying process

10.0g dust - 10mL T2

20.0g dust - 10mL T2

30.0g dust – 10mL T2

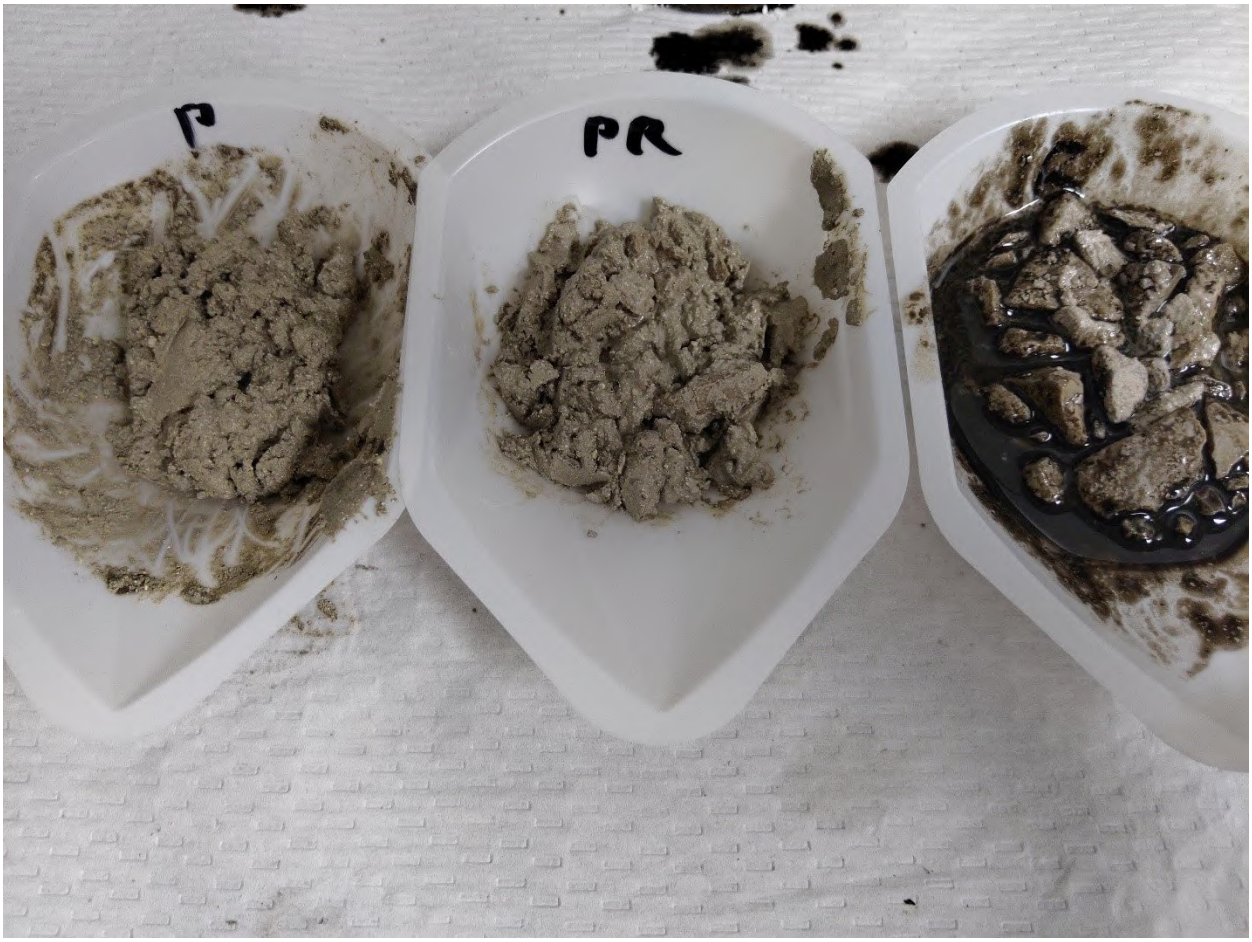
Table for just powder –> 10 mL T2

Gram of absorbent added (g)	Observations
10.0	
20.0	
30.0	Dry

And one with just limestone

Table for just limestone → 10mL T2

Gram of absorbent added (g)	Observations
10.0	
20.0	
30.0	
40.0	
50.0	
60.0	Still water



P= powder *PR= powder and rock* *R= Rock*

Therefore it can be determined that the limestone rock is not contributing much to the absorption process but is adding mass with no absorption benefit.

Conclusion

From these experiments I think it is fair to say that **the best by far is the pulverized CaCO3.** The lightly pulverized (course grain) limestone in my opinion might have better results if it was crushed further especially seeing its results when working with just flammables. Dryox seems like a bad choice for watery substances because it 'melts' down but might be a useable option for flammables. Coarsely ground limestone and the sand sample had the same poor results.

Author Carol Woodliffe

Date: July 15, 2019.

APPENDIX 2

ALS CANADA LTD. ANALYSIS RESULTS

 # SD-19150613 (#1)

 # SD-19152663 (#2)

 # SD-19152663 (#3)

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone. +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **DAN GROTTOLI**
398 MAKI AVENUE
SUDBURY ON P3E 2P2

Finalized Date: 5-JUL-2019
Account: DGOUCMMT

CERTIFICATE SD19150613

Project: Tweed

This report is for 1 Sand sample submitted to our lab in Sudbury, ON, Canada on 21-JUN-2019.

The following have access to data associated with this certificate:

DAN GROTTOLI

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SPL-21	Split sample - riffle splitter
PUL-QC	Pulverizing QC Test
DISP-01	Disposal of all sample fractions
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: DAN GROTTOLI
398 MAKI AVENUE
SUDBURY ON P3E 2P2

Finalized Date: 5-JUL-2019
Account: DGOUCMMT

Project: Tweed

CERTIFICATE OF ANALYSIS SD19150613

Sample Description	Method / Analyte / Units / LOD	TOT-ICP06 Total % 0.01	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.1	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Ge ppm 5	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01
#1		100.59	0.52	<0.01	416	19.8	30	0.61	0.91	0.50	0.40	11.4	1.21	<5	2.2	0.17

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **DAN GROTTOLI**
398 MAKI AVENUE
SUDBURY ON P3E 2P2

Finalized Date: 5-JUL-2019
Account: DGOUCMMT

Project: Tweed

CERTIFICATE OF ANALYSIS SD19150613

Sample Description	Method Analyte Units LOD	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5
#1		10.0	0.07	2.6	8.5	2.34	52.7	1.58	<1	304	0.3	0.18	3.02	0.08	0.49	23

***** See Appendix Page for comments regarding this certificate *****

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To: DAN GROTTOLI
398 MAKI AVENUE
SUDBURY ON P3E 2P2

Finalized Date: 5-JUL-2019
Account: DGOUCMMT

Project: Tweed

CERTIFICATE OF ANALYSIS SD19150613

Sample Description	Method Analyte Units LOD	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.1	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 In ppm 0.005	ME-MS42 Re ppm 0.001	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	ME-MS42 Tl ppm 0.02	ME-4ACD81 Ag ppm 0.5	ME-4ACD81 Cd ppm 0.5
#1		<1	4.6	0.45	93	0.4	0.02	<0.005	<0.005	<0.001	<0.05	<0.2	<0.01	0.03	<0.5	<0.5

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SUDBURY ON P3E 2P2

Finalized Date: 5-JUL-2019
Account: DGOUCMMT

Project: Tweed

CERTIFICATE OF ANALYSIS SD19150613

Sample Description	Method Analyte Units LOD	ME-4ACD81 Co ppm 1	ME-4ACD81 Cu ppm 1	ME-4ACD81 Li ppm 10	ME-4ACD81 Mo ppm 1	ME-4ACD81 Ni ppm 1	ME-4ACD81 Pb ppm 2	ME-4ACD81 Sc ppm 1	ME-4ACD81 Zn ppm 2	PUL-QC Pass75um % 0.01
#1		3	3	10	<1	7	12	3	13	89.7

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To: **DAN GROTTOLI**
398 MAKI AVENUE
SUDBURY ON P3E 2P2

Finalized Date: 5-JUL-2019
Account: DGOUCMMT

Project: Tweed

CERTIFICATE OF ANALYSIS SD19150613

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applies to Method:				
	DISP-01	LOG-22	PUL-31	PUL-QC
	SPL-21	WEI-21		

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	C-IR07	ME-4ACD81	ME-ICP06	ME-MS42
	ME-MS81	OA-GRA05	S-IR08	TOT-ICP06

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To: DAN GROTTOLI
398 MAKI AVENUE
SUDBURY ON P3E 2P2

Finalized Date: 8-JUL-2019
Account: DGOUCMMT

CERTIFICATE SD19152663

Project: Matheson

This report is for 2 Rock samples submitted to our lab in Sudbury, ON, Canada on 24-JUN-2019.

The following have access to data associated with this certificate:

DAN GROTTOLI

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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www.alsglobal.com/geochemistry

To: DAN GROTTOLI
398 MAKI AVENUE
SUDBURY ON P3E 2P2

Finalized Date: 8-JUL-2019
Account: DGOUCMMT

Project: Matheson

CERTIFICATE OF ANALYSIS SD19152663

Sample Description	Method	WEI-21	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
	Analyte	Recvd Wt.	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOD	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
#2		0.12	0.58	0.09	0.28	38.9	13.70	0.01	0.03	<0.002	<0.01	0.02	<0.01	<0.01	<0.01	45.2
#3		0.22	1.58	0.34	0.18	41.9	10.90	0.02	0.15	<0.002	0.02	0.01	0.01	0.01	<0.01	43.1

***** See Appendix Page for comments regarding this certificate *****

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398 MAKI AVENUE
SUDBURY ON P3E 2P2

Finalized Date: 8-JUL-2019
Account: DGOUCMMT

Project: Matheson

CERTIFICATE OF ANALYSIS SD19152663

Sample Description	Method / Analyte / Units / LOD	TOT-ICP06 Total % 0.01	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.1	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Ge ppm 5	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01
#2		98.81	12.70	0.01	7.7	1.4	10	0.03	0.19	0.10	0.06	0.2	0.26	<5	<0.2	0.04
#3		98.22	12.35	0.01	8.9	3.3	10	0.21	0.30	0.20	0.06	0.3	0.25	<5	<0.2	0.06

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Finalized Date: 8-JUL-2019
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Project: Matheson

CERTIFICATE OF ANALYSIS SD19152663

Sample Description	Method Analyte Units LOD	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5
#2		1.9	0.01	<0.2	1.5	0.39	0.7	0.26	<1	56.5	<0.1	0.04	0.20	0.02	0.51	6
#3		3.4	0.02	0.3	1.7	0.45	3.3	0.25	<1	102.0	0.1	0.04	0.29	0.03	2.81	10

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 8-JUL-2019
Account: DGOUCMMT

Project: Matheson

CERTIFICATE OF ANALYSIS SD19152663

Sample Description	Method Analyte Units LOD	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.1	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 In ppm 0.005	ME-MS42 Re ppm 0.001	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	ME-MS42 Tl ppm 0.02	ME-4ACD81 Ag ppm 0.5	ME-4ACD81 Cd ppm 0.5
#2		<1	1.3	0.09	3	1.1	0.01	0.018	<0.005	<0.001	0.06	0.7	0.01	0.02	<0.5	<0.5
#3		<1	3.3	0.16	5	0.9	0.02	0.007	<0.005	0.001	0.12	0.8	<0.01	0.05	<0.5	<0.5

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SUDBURY ON P3E 2P2

Finalized Date: 8-JUL-2019
Account: DGOUCMMT

Project: Matheson

CERTIFICATE OF ANALYSIS SD19152663

Sample Description	Method	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	CRU-QC	PUL-QC
	Analyte	Co	Cu	Li	Mo	Ni	Pb	Sc	Zn	Pass2mm	Pass75um
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOD	1	1	10	1	1	2	1	2	0.01	0.01
#2		1	2	<10	<1	3	2	<1	3	97.9	99.2
#3		1	3	<10	<1	6	<2	<1	2		98.9

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SUDBURY ON P3E 2P2

Finalized Date: 8-JUL-2019
Account: DGOUCMMT

Project: Matheson

CERTIFICATE OF ANALYSIS SD19152663

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	C-IR07	ME-4ACD81	ME-ICP06	ME-MS42
	ME-MS81	OA-GRA05	S-IR08	TOT-ICP06

Prospector's Log

(Dan Grottoli - licence #10000996)

Assessment Field work:

I made two trips to the Multi Cell Claim # 530527 . The first was Friday June 14, 2019 to Saturday June 15, 2019 (inclusive) in order to locate & plot passable roads on the claim as well as to take dolostone sand & rock samples from the surface for testing.
I was accompanied by two unpaid helpers on this first trip. The second trip was on Friday August 2. 2019 to Saturday August 3. 2019 (inclusive)
was to take photos alone the roads on the claim and to identify and locate outcroppings of bedrock.
I was accompanied by one unpaid helper.

		SUBSIDIES	NOT ELIGIBLE	PROSPECTOR RESEARCH	PERSONAL TRANSPORT, ACCOMODATION	MEMO HST	ASSAY COST	FOOD LODGING	SUBSIDIES
June 8, 2019									
8:15 AM	I purchase supplies (chisel and Garmin) for Jerry Lake (Tweed Twp) trip	Cdn Tire	$301.69						
	i brought 3 pair work gloves and three pails from KRT - no receipt est cost $30.00								$30.00
June 13, 2019									
	erass roots prospectire & personal mileaae								
8:15 AM	top up gasoline in vehicle for trip to Jerry Lake	Cdn Tire	**$63.27**						
2:15 PM	purchase rubber boots for Jerry Lake trip	Mark's Wk Whse							$72.79
Friday June 14, 2019	grass roots prospecting & personal mileage			$300.00	$269.50	539			
8:00 AM	leave Sudbury on Hwy 17 E - accompanied by Louis Favot. Paul St. Amand								
8:40 AM	stop at Kates Kountry Kitchen - pick up sandwiches & beveraaes for lunch	Kates Kountry Kitchen cash - no receipt						$30.00	
8:50 AM	turn off at verner and take hwy 575 / 64 through Field to hwy 11 N								
12:30 PM	stop at KRT in Matheson to pick up truck for bush roads - leave mv car								
1:30 PM	leave Matheson for Cochrane								
2:30 PM	Arrive in Cochrane, check in at motel, gas up truck	Thriftwood Lodge - Cochrane						$280.24	
		Cdn Tire - Cochrane	**$37.70**						
3:00 PM	leave Cochrane on hwy 652 E to Detour Lake Gold Hwy N.								
5:00 PM	locate entry to claim just north of Floodwood River bridge on Detour Lake Gold hwy								
6:30 PM	walk about main pit area of claim then leave to return to Cochrane								
7:30 PM	arive in Cochrane, have supper then back at motel for the nite	Supper for three at Ont. Northland Stn. Restaurant - cash no receipts			$75.00	150		$60.00	
Saturday, June 15, 2019	erass roots prospectire & personal mileaae			$300.00	$269.50	539			
8:00 AM	Check out of Thriftwood Lodge motel	leave Hwy 17 E - accompanied by Louis Favot, Paul St. Amand							
8:30 AM	stop at Tim Hortons Coffee - pick up breakfast & lunch for three	Tim Hortons -breakfast and lunch for three - cash no receiot						$50.00	
8:50 AM	leave Cochrane on hwy 652 E to Detour Lake Gold Hwy N. with Louis & Paul								
10:30 AM	Arrive at claim and start taking GPS readings along loaaine roads on claim (See Exhibit 1).				$37.50	75			
12:00 PM	Louis, Paul & I start taking sand and rock samples. See Exhibit 2 for locations.								
1:30 PM	Sampling is complete & we leave claim for return trip (via Cochrane, Matheson, New Liskeard, Field) to Sudbury.								
5:00 PM	stop for supper in New Liskeard	Harvey's hambergers - 3 suppers - cash no receiot						$30.00	
6:00 PM	stop for gas in Latchford.	Dam Depot Latchford	**$69.00**						
9:00 PM	arrive in Sudbury								
July 5, 2019									
3:00 PM	submit sand sample to ALS Lab.	ALS Laboratory Group					$139.45		
July 8, 2019									
2:45 PM	submit 2 rock samples to ALS Lab.	ALS Laboratory Group					$237.39		
July 25, 2019									
	charge for return of samples from ALS Lab	ALS Laboratory Group					$56.61		
Site photo trip									
Friday August 2, 2019	erass roots prospectire & personal mileaae			$300.00	$269.50	539			
8:00 AM	Louis & I leave Sudbury for Jerry Lk. claim via Field, Matheson, Cochrane.								
1:45 PM	arrive in Matheson & exchange car for truck at KRT. Then Fuel up truck in Matheson - leave for Cochrane	Allaire Esso Matheson	$85.01						
5:00 PM	Arrive in Cochrane	LCBO Cochrane						$20.30	
6:30 PM	Check into Cochrane motel	Thrift lodge Cochrane						$140.12	
8:00 PM	Two Suppers	Terry's steak house						$33.85	
Saturday August 3, 2019	erass roots prospectire & personal mileaae			$300.00	$269.50	539			
7:30 AM	breakfast at Tim Horton's	Tim Horton's - two breakfasts - cash no receipts.						$20.00	
8:00 AM	Leave Cochrane for Jerry Lk claim site								
9:00 AM	arrive at claim and begin taking photos along the logging rds on the claim (See Exhibit 3). We also are looking for bedrock outcroppings.								
12:00 PM	we locate three possible bedrock outcrops for future identification (See Exhibit 4).								
1:00 PM	Leave Jerry Lk claim area for return to Sudbury via Cochrane. Matheson. Field.								
2:20 PM	arrive in Cochrane from claim.	HWY 11 COCHRANE ESSO	$71.00						
5:30 PM	arrive at New Liskeard from Cochrane for lunch	Harvey's New Liskeard - lunch for 2. Cash no receiot.						$20.00	
6:00 PM	travel to Sudbury	PETROCAN Temaaami	$74.85						
9:00 PM	arrive in Sudbury.								
			$702.52	$1,200.00	$1,190.50	2,381	$433.45	$684.51	$102.79
		LESS FUEL PURCHASES	$400.83						
			$301.69						

EXHIBIT 1

EXHIBIT 2

EXHIBIT 3

EXHIBIT 4

Prospector's Log

(Dan Grottoli - licence #10000996)

Assessment Field work:

this trip was was to locate bedrock near the Floodwood River. Louis Favot and I left Sudbury for the Jerry Lake claim on June 18, 2021 at 6:00 AM.

We arrived at the claim at about 12:30 PM and left it at about 4:30 PM to return to Sudbury.

			SUPPLIER	NOT ELIGIBLE	PROSPECTOR PER-DIEM	PERSONAL TRANSPORT. @ $0.50 / KM	MEMO KMS	ASSAY COST	FOOD LODGING	SUPPLIES
June 17, 2021										
	10:32 AM	I fill up car with gasoline for Jerry Lake (Tweed Twp) trip tomorrow.	Cdn Tire	$76.45						
June 18, 2021										
	6:00 AM	leave Sudbury for Jerry Lake claim.			$600.00	$269.50	539			
	11:23 AM	Arrive in Cochrane and fill up car with gasoline. Leave for Jerry Lake claim via hwy #652.	Petro - Canada	$62.32						
	12:30 PM	Arrive at Jerry Lake claim. Begin walk towards Floodwood River and encounter ATV trail. walk along trial and observe very steep sand dunes. I Assumed these are sand dunes because Goggle earth and OGS do not show bedrock spikes in this area. SEE EXHIBIT 1 Walk to bridge on Floodwood R. to observe if any bedrock visible. SEE EXHIBIT 2								
	4:30 PM	leave claim for Cochrane.								
	5:19 PM	fill up car in Cochrane and return trip to Sudbury.	Petro - Canada	$28.57						
	11:00 PM	arrive at Sudbury.				$269.50	539			
June 21, 2021										
	2:00 PM	meet Marc Gaudreau to prepare samples for submission to Agate.								
June 22, 2021										
	2:15 PM	submit samples to AGATE Labs long lake Rd.						??		
				$167.34	$600.00	$539.00				

EXHIBIT 1

EXHIBIT 2

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, ON

ATTENTION TO: Dan Grottoli

PROJECT: JERRY LAKE

AGAT WORK ORDER: 21T765753

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 27, 2021

PAGES (INCLUDING COVER): 11

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.

AGAT Laboratories

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

Certificate of Analysis

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Dan Grottoli

(200-) Sample Login Weight

DATE SAMPLED: Jun 23, 2021 | DATE RECEIVED: Jun 24, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
GL-1 (2650239)	0.35
GL-2 (2650240)	0.48
GL-3 (2650241)	0.37
GL-4 (2650242)	0.52
GL-5 (2650243)	0.56
GL-6 (2650244)	0.42
GL-7 (2650245)	0.44
TR-1 (2650246)	0.29
TR-2 (2650247)	0.37
TR-3 (2650248)	0.53
TR-4 (2650249)	0.54
TR-5 (2650250)	0.49
TR-6 (2650251)	0.42
TR-7 (2650252)	0.46
TR-8 (2650253)	0.41
TR-9 (2650254)	0.37
TR-10 (2650255)	0.36
TR-11 (2650256)	0.31
TR-12 (2650257)	0.46
TR-13 (2650258)	0.43
TR-14 (2650259)	0.40
TR-15 (2650260)	0.33

Comments: RDL - Reported Detection Limit

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

Certified By: Sherin Moussa

AGAT Laboratories

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

Certificate of Analysis

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Dan Grottoli

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

DATE SAMPLED: Jun 23, 2021 | DATE RECEIVED: Jun 24, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) 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
GL-1 (2650239)	<0.01	1.25	4.2	0.007	7	62	0.47	0.12	5.50	0.04	44.5	9.9	39.2	1.26
GL-2 (2650240)	0.07	0.18	0.8	<0.005	<5	5	<0.05	0.01	0.12	0.05	17.0	1.0	4.9	0.10
GL-3 (2650241)	0.07	0.99	3.4	<0.005	7	49	0.36	0.09	6.52	0.07	40.5	8.5	34.2	1.12
GL-4 (2650242)	<0.01	1.11	4.0	<0.005	7	57	0.40	0.09	3.83	0.03	43.6	9.5	36.1	1.14
GL-5 (2650243)	<0.01	0.85	3.1	<0.005	8	50	0.28	0.08	8.83	0.06	35.6	7.5	29.4	0.97
GL-6 (2650244)	<0.01	1.10	3.2	<0.005	8	55	0.42	0.09	6.21	0.06	42.8	9.0	35.1	1.20
GL-7 (2650245)	<0.01	1.29	3.4	0.006	9	65	0.48	0.11	3.73	0.04	46.9	10.4	40.8	1.42
TR-1 (2650246)	<0.01	0.62	1.4	<0.005	<5	31	0.15	0.05	0.40	0.04	28.6	5.0	23.0	0.66
TR-2 (2650247)	<0.01	0.58	1.5	<0.005	<5	31	0.13	0.05	0.42	0.04	29.2	5.4	21.0	0.60
TR-3 (2650248)	<0.01	0.64	1.5	<0.005	<5	39	0.12	0.05	0.47	0.10	27.4	4.9	20.0	0.60
TR-4 (2650249)	0.04	0.54	2.0	<0.005	6	37	0.14	0.05	5.49	0.05	28.2	5.4	20.9	0.68
TR-5 (2650250)	<0.01	0.49	1.5	<0.005	<5	30	0.06	0.04	0.70	0.04	24.2	5.4	22.1	0.54
TR-6 (2650251)	<0.01	0.79	2.2	<0.005	<5	51	0.19	0.07	0.36	0.04	35.2	6.9	26.4	0.85
TR-7 (2650252)	<0.01	0.70	2.2	<0.005	<5	35	0.12	0.06	0.36	0.04	23.8	5.4	23.0	0.64
TR-8 (2650253)	<0.01	0.63	1.6	<0.005	<5	40	0.16	0.05	0.46	0.05	31.3	5.5	23.3	0.67
TR-9 (2650254)	<0.01	0.68	1.4	0.010	<5	42	0.18	0.06	0.44	0.02	33.4	4.9	23.6	0.71
TR-10 (2650255)	0.09	0.71	3.9	0.008	6	26	0.19	0.05	10.2	0.03	95.5	9.6	29.4	0.91
TR-11 (2650256)	0.03	0.18	1.5	0.011	<5	8	<0.05	0.03	0.12	0.04	18.7	1.4	6.9	0.14
TR-12 (2650257)	<0.01	0.44	1.8	<0.005	<5	22	0.08	0.06	2.42	0.04	24.8	3.5	14.2	0.39
TR-13 (2650258)	<0.01	0.86	2.4	<0.005	<5	42	0.27	0.07	0.82	0.04	37.2	6.3	25.3	0.81
TR-14 (2650259)	0.03	0.79	4.0	<0.005	<5	22	0.30	0.06	0.51	0.04	54.5	6.1	24.4	0.79
TR-15 (2650260)	<0.01	0.70	2.0	0.009	<5	13	<0.05	0.05	0.10	0.04	19.4	2.9	15.8	0.54

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Certificate of Analysis

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Dan Grottoli

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

DATE SAMPLED: Jun 23, 2021 | DATE RECEIVED: Jun 24, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) 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
GL-1 (2650239)	20.2	1.88	5.37	0.22	0.45	0.03	0.012	0.19	21.9	21.4	2.24	378	0.24	0.02
GL-2 (2650240)	2.3	0.22	0.92	0.07	0.05	<0.01	<0.005	0.01	7.9	2.4	0.06	18	<0.05	<0.01
GL-3 (2650241)	16.6	1.60	4.41	0.22	0.31	<0.01	0.005	0.16	19.6	18.2	2.31	331	0.36	0.02
GL-4 (2650242)	18.0	1.78	5.07	0.24	0.35	0.01	0.007	0.19	22.6	20.1	2.52	360	0.17	0.02
GL-5 (2650243)	15.8	1.48	3.93	0.13	0.40	0.02	0.013	0.17	17.1	18.1	2.81	288	0.17	0.02
GL-6 (2650244)	17.8	1.76	4.88	0.20	0.52	0.05	0.009	0.19	21.3	20.1	2.23	343	0.26	0.02
GL-7 (2650245)	19.9	2.00	5.69	0.30	0.49	0.03	0.013	0.21	23.2	22.2	2.28	385	0.17	0.02
TR-1 (2650246)	8.1	0.94	3.03	0.09	0.12	0.01	0.009	0.09	13.6	11.9	0.37	128	0.18	0.01
TR-2 (2650247)	7.1	0.86	2.90	0.19	0.07	0.02	0.006	0.07	13.7	11.3	0.34	143	0.27	<0.01
TR-3 (2650248)	6.3	1.03	2.89	0.14	0.06	0.01	<0.005	0.05	12.4	11.2	0.33	147	0.33	<0.01
TR-4 (2650249)	14.6	0.89	2.86	0.12	0.09	0.02	0.009	0.10	13.7	13.1	2.02	161	0.49	0.01
TR-5 (2650250)	29.2	0.93	2.59	0.13	0.05	0.02	<0.005	0.06	12.0	10.3	0.44	106	0.84	<0.01
TR-6 (2650251)	7.1	1.81	3.73	0.15	0.06	0.02	0.008	0.07	16.5	13.8	0.39	703	0.28	<0.01
TR-7 (2650252)	5.1	1.41	3.35	0.13	0.03	0.01	<0.005	0.06	10.9	14.1	0.38	378	0.26	<0.01
TR-8 (2650253)	8.6	1.13	3.21	0.17	0.08	<0.01	0.006	0.08	14.7	12.9	0.40	92	0.47	<0.01
TR-9 (2650254)	9.1	0.98	3.33	0.18	0.09	<0.01	<0.005	0.07	15.4	13.2	0.39	95	0.19	<0.01
TR-10 (2650255)	21.2	1.49	3.92	0.30	0.14	0.03	0.010	0.07	45.8	12.9	2.98	395	0.34	0.01
TR-11 (2650256)	2.7	0.39	1.01	0.07	0.07	<0.01	0.011	0.02	9.3	3.3	0.08	61	0.05	<0.01
TR-12 (2650257)	7.3	0.68	2.08	0.12	0.10	<0.01	0.008	0.05	11.4	8.3	1.08	91	0.08	<0.01
TR-13 (2650258)	11.6	1.27	3.66	0.22	0.15	0.04	0.009	0.10	17.5	14.8	0.67	121	0.13	<0.01
TR-14 (2650259)	11.2	1.27	3.36	0.30	0.09	<0.01	0.010	0.09	30.9	15.1	0.48	298	0.25	<0.01
TR-15 (2650260)	3.5	1.11	4.07	0.05	0.03	0.02	<0.005	0.03	5.7	6.3	0.13	59	0.36	<0.01

Certified By: Sherin Moussa

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Certificate of Analysis

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Dan Grottoli

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

DATE SAMPLED: Jun 23, 2021 | DATE RECEIVED: Jun 24, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.5	0.001	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
GL-1 (2650239)	1.09	21.8	0.065	8.0	19.1	0.005	0.10	0.13	4.1	1.0	0.7	38.5	<0.01	0.04
GL-2 (2650240)	0.59	2.9	0.058	1.2	1.4	<0.001	<0.01	<0.05	0.3	0.8	0.2	3.2	<0.01	<0.01
GL-3 (2650241)	1.00	19.9	0.059	6.9	17.3	<0.001	0.12	0.05	3.3	1.6	0.5	43.4	<0.01	0.03
GL-4 (2650242)	1.06	20.8	0.068	7.1	20.2	<0.001	0.07	0.07	3.7	0.9	0.6	25.7	<0.01	0.03
GL-5 (2650243)	0.88	16.4	0.063	5.4	17.6	<0.001	0.16	0.07	2.8	1.1	0.5	57.0	<0.01	0.02
GL-6 (2650244)	0.89	19.9	0.060	6.6	20.3	<0.001	0.12	0.06	3.8	1.2	0.6	43.3	<0.01	0.02
GL-7 (2650245)	1.23	22.8	0.066	7.0	22.1	<0.001	0.08	0.06	4.5	0.8	0.7	30.2	<0.01	0.01
TR-1 (2650246)	1.34	11.4	0.062	3.6	9.8	<0.001	0.04	<0.05	1.9	0.3	0.4	10.0	<0.01	<0.01
TR-2 (2650247)	1.21	10.9	0.052	3.4	9.4	<0.001	0.08	<0.05	1.7	1.2	0.5	9.2	<0.01	<0.01
TR-3 (2650248)	1.08	10.0	0.053	3.3	9.3	<0.001	0.08	0.05	1.4	0.7	0.4	9.3	<0.01	<0.01
TR-4 (2650249)	1.28	11.0	0.056	4.0	13.8	<0.001	0.21	0.06	1.7	1.0	0.4	34.4	<0.01	<0.01
TR-5 (2650250)	0.96	12.2	0.049	3.5	10.8	<0.001	0.15	<0.05	1.4	1.0	0.6	8.4	<0.01	<0.01
TR-6 (2650251)	1.13	11.8	0.055	4.6	11.2	<0.001	0.03	<0.05	2.1	1.1	1.4	10.7	<0.01	<0.01
TR-7 (2650252)	1.12	10.2	0.057	3.5	9.8	<0.001	0.02	0.06	1.5	0.8	0.7	10.6	<0.01	<0.01
TR-8 (2650253)	1.46	12.5	0.057	4.0	10.1	<0.001	0.16	<0.05	1.8	1.6	0.4	10.3	<0.01	<0.01
TR-9 (2650254)	1.39	11.6	0.059	4.8	8.3	<0.001	0.07	0.07	1.9	0.7	1.1	10.1	<0.01	<0.01
TR-10 (2650255)	0.91	20.1	0.085	5.4	8.0	<0.001	0.20	0.06	3.0	1.4	1.1	56.7	<0.01	<0.01
TR-11 (2650256)	0.63	2.3	0.047	2.9	2.0	0.003	<0.01	0.11	0.6	0.3	0.6	3.6	<0.01	0.02
TR-12 (2650257)	0.92	6.5	0.047	1.8	6.9	<0.001	0.05	<0.05	1.2	0.4	0.4	15.3	<0.01	0.02
TR-13 (2650258)	1.29	13.6	0.054	3.9	15.1	<0.001	0.02	<0.05	2.4	0.8	0.4	10.2	<0.01	0.01
TR-14 (2650259)	1.07	12.1	0.066	4.1	11.2	<0.001	0.02	0.07	3.1	1.7	0.5	9.8	<0.01	0.02
TR-15 (2650260)	1.45	5.7	0.037	4.2	5.3	<0.001	0.02	<0.05	0.6	0.9	0.4	5.2	0.02	0.01

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Certificate of Analysis

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Dan Grottoli

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

DATE SAMPLED: Jun 23, 2021 | DATE RECEIVED: Jun 24, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
GL-1 (2650239)	7.1	0.093	0.18	0.58	30.4	0.21	9.33	35.0	19.4
GL-2 (2650240)	4.4	0.018	<0.01	0.29	4.1	<0.05	2.26	7.1	1.7
GL-3 (2650241)	6.1	0.074	0.15	0.52	24.1	0.15	8.37	29.6	15.1
GL-4 (2650242)	6.9	0.079	0.17	0.57	27.5	0.16	9.55	32.5	16.1
GL-5 (2650243)	5.8	0.071	0.13	0.57	22.4	0.12	7.12	27.2	15.8
GL-6 (2650244)	6.6	0.085	0.15	0.53	27.7	0.14	9.20	33.0	19.6
GL-7 (2650245)	7.9	0.102	0.18	0.65	34.4	0.17	10.3	34.4	21.2
TR-1 (2650246)	4.1	0.055	0.08	0.55	17.2	0.06	4.87	24.1	5.8
TR-2 (2650247)	3.4	0.048	0.07	0.72	16.5	0.07	4.96	21.7	2.7
TR-3 (2650248)	2.3	0.039	0.07	1.37	15.0	0.06	4.60	25.0	2.1
TR-4 (2650249)	3.5	0.044	0.12	1.50	14.1	0.09	5.91	22.2	4.8
TR-5 (2650250)	3.2	0.038	0.10	4.13	16.0	0.07	4.95	21.0	2.0
TR-6 (2650251)	3.2	0.049	0.09	0.99	20.8	0.09	6.02	26.5	2.2
TR-7 (2650252)	2.3	0.048	0.05	0.94	20.1	0.10	3.96	24.6	1.2
TR-8 (2650253)	3.9	0.053	0.07	0.87	17.3	0.16	5.31	30.4	4.4
TR-9 (2650254)	3.4	0.050	0.08	0.82	17.8	0.08	5.54	34.7	3.5
TR-10 (2650255)	6.8	0.071	0.15	0.84	21.6	0.13	11.3	20.8	5.9
TR-11 (2650256)	2.8	0.021	0.02	0.24	6.3	0.05	3.00	6.8	1.9
TR-12 (2650257)	3.4	0.036	0.06	0.40	9.4	0.06	4.81	11.4	3.9
TR-13 (2650258)	4.9	0.058	0.12	0.45	19.9	0.11	6.88	20.9	7.6
TR-14 (2650259)	4.9	0.056	0.14	0.49	18.1	0.11	11.8	19.8	4.8
TR-15 (2650260)	1.6	0.048	0.04	0.31	19.5	0.08	1.63	8.0	0.9

Comments: RDL - Reported Detection Limit

2650239-2650260 Au determination by this method is semi-quantitative due to small sample size.

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

Certified By: Sherin Moussa

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Quality Assurance - Replicate

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Dan Grottoli

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

	REPLICATE #1				REPLICATE #2													
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD										
Ag	2650239	< 0.01	< 0.01	0.0%	2650254	< 0.01	< 0.01	0.0%										
Al	2650239	1.25	1.25	0.0%	2650254	0.68	0.66	3.0%										
As	2650239	4.2	3.7	12.7%	2650254	1.4	1.6	13.3%										
Au	2650239	0.0066	0.0075	12.8%	2650254	0.010	< 0.005											
B	2650239	7	8	13.3%	2650254	< 5	< 5	0.0%										
Ba	2650239	62	63	1.6%	2650254	42	42	0.0%										
Be	2650239	0.47	0.46	2.2%	2650254	0.18	0.16	11.8%										
Bi	2650239	0.115	0.099	15.0%	2650254	0.06	0.06	0.0%										
Ca	2650239	5.50	5.51	0.2%	2650254	0.44	0.44	0.0%										
Cd	2650239	0.040	0.034	16.2%	2650254	0.02	< 0.01											
Ce	2650239	44.5	46.5	4.4%	2650254	33.4	32.2	3.7%										
Co	2650239	9.9	9.9	0.0%	2650254	4.9	4.9	0.0%										
Cr	2650239	39.2	40.1	2.3%	2650254	23.6	23.5	0.4%										
Cs	2650239	1.26	1.24	1.6%	2650254	0.71	0.68	4.3%										
Cu	2650239	20.2	19.5	3.5%	2650254	9.1	9.5	4.3%										
Fe	2650239	1.88	1.90	1.1%	2650254	0.98	0.97	1.0%										
Ga	2650239	5.37	5.37	0.0%	2650254	3.33	3.32	0.3%										
Ge	2650239	0.219	0.171	24.6%	2650254	0.18	0.154	15.6%										
Hf	2650239	0.45	0.44	2.2%	2650254	0.09	0.070	25.0%										
Hg	2650239	0.03	0.03	0.0%	2650254	< 0.01	0.01											
In	2650239	0.012	0.014	15.4%	2650254	< 0.005	< 0.005	0.0%										
K	2650239	0.19	0.19	0.0%	2650254	0.07	0.07	0.0%										
La	2650239	21.9	22.8	4.0%	2650254	15.4	15.1	2.0%										
Li	2650239	21.4	21.6	0.9%	2650254	13.2	12.9	2.3%										
Mg	2650239	2.24	2.25	0.4%	2650254	0.39	0.39	0.0%										
Mn	2650239	378	378	0.0%	2650254	95	93	2.1%										
Mo	2650239	0.24	0.24	0.0%	2650254	0.19	0.21	10.0%										
Na	2650239	0.02	0.02	0.0%	2650254	< 0.01	< 0.01	0.0%										
Nb	2650239	1.09	1.15	5.4%	2650254	1.39	1.37	1.4%										
Ni	2650239	21.8	22.7	4.0%	2650254	11.6	11.7	0.9%										
P	2650239	0.0650	0.0678	4.2%	2650254	0.059	0.0563	4.7%										

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Dan Grottoli

Pb	2650239	8.0	8.0	0.0%	2650254	4.8	4.14	14.8%								
Rb	2650239	19.1	19.2	0.5%	2650254	8.3	8.1	2.4%								
Re	2650239	0.005	< 0.001		2650254	< 0.001	< 0.001	0.0%								
S	2650239	0.10	0.10	0.0%	2650254	0.07	0.07	0.0%								
Sb	2650239	0.13	0.09		2650254	0.07	0.07	0.0%								
Sc	2650239	4.12	4.18	1.4%	2650254	1.9	1.84	3.2%								
Se	2650239	1.0	1.2	18.2%	2650254	0.7	1.0	35.3%								
Sn	2650239	0.7	0.6	15.4%	2650254	1.1	1.4	24.0%								
Sr	2650239	38.5	38.7	0.5%	2650254	10.1	9.5	6.1%								
Ta	2650239	< 0.01	< 0.01	0.0%	2650254	< 0.01	< 0.01	0.0%								
Te	2650239	0.037	0.030	20.9%	2650254	< 0.01	< 0.01	0.0%								
Th	2650239	7.1	7.4	4.1%	2650254	3.4	3.32	2.4%								
Ti	2650239	0.093	0.093	0.0%	2650254	0.050	0.0475	5.1%								
Tl	2650239	0.18	0.16	11.8%	2650254	0.08	0.07	13.3%								
U	2650239	0.58	0.61	5.0%	2650254	0.82	0.800	2.5%								
V	2650239	30.4	31.6	3.9%	2650254	17.8	17.8	0.0%								
W	2650239	0.21	0.18	15.4%	2650254	0.08	0.08	0.0%								
Y	2650239	9.33	9.47	1.5%	2650254	5.54	5.45	1.6%								
Zn	2650239	35.0	34.6	1.1%	2650254	34.7	34.8	0.3%								
Zr	2650239	19.4	19.4	0.0%	2650254	3.5	3.28	6.5%								

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Dan Grottoli

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

	CRM #1 (ref.ME-1303)				CRM #2 (ref.ME-1206)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Ag	152	154	101%	80% - 120%	274	287	105%	80% - 120%								
Au	0.57	0.47	83%	80% - 120%												
Cu	3440	3547	103%	80% - 120%	7900	7785	99%	80% - 120%								
Pb	12200	12600	103%	80% - 120%	8010	8194	102%	80% - 120%								
Zn	9310	9457	102%	80% - 120%	23800	22199	93%	80% - 120%								

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Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

ATTENTION TO: Dan Grottoli

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Al	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
As	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Au	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
B	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Ba	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Be	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Bi	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Ca	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Cd	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Ce	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Co	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Cr	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Cs	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Cu	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Fe	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Ga	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Ge	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Hf	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Hg	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
In	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
K	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
La	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Li	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Mg	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Mn	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Mo	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS

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Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

ATTENTION TO: Dan Grottoli

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Na	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Nb	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Ni	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
P	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Pb	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Rb	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Re	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
S	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Sb	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Sc	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Se	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Sn	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Sr	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Ta	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Te	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Th	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Ti	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Tl	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
U	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
V	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
W	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Y	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Zn	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Zr	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS

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CLIENT NAME: MISC AGAT CLIENT ON, ON

ATTENTION TO: Dan Grottoli

PROJECT: JERRY LAKE

AGAT WORK ORDER: 21T765753

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 27, 2021

PAGES (INCLUDING COVER): 11

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.

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Certificate of Analysis

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Dan Grottoli

(200-) Sample Login Weight

DATE SAMPLED: Jun 23, 2021 | DATE RECEIVED: Jun 24, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
GL-1 (2650239)	0.35
GL-2 (2650240)	0.48
GL-3 (2650241)	0.37
GL-4 (2650242)	0.52
GL-5 (2650243)	0.56
GL-6 (2650244)	0.42
GL-7 (2650245)	0.44
TR-1 (2650246)	0.29
TR-2 (2650247)	0.37
TR-3 (2650248)	0.53
TR-4 (2650249)	0.54
TR-5 (2650250)	0.49
TR-6 (2650251)	0.42
TR-7 (2650252)	0.46
TR-8 (2650253)	0.41
TR-9 (2650254)	0.37
TR-10 (2650255)	0.36
TR-11 (2650256)	0.31
TR-12 (2650257)	0.46
TR-13 (2650258)	0.43
TR-14 (2650259)	0.40
TR-15 (2650260)	0.33

Comments: RDL - Reported Detection Limit

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

Certified By: Sherin Moussa

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Certificate of Analysis

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Dan Grottoli

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

DATE SAMPLED: Jun 23, 2021 | DATE RECEIVED: Jun 24, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) 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
GL-1 (2650239)	<0.01	1.25	4.2	0.007	7	62	0.47	0.12	5.50	0.04	44.5	9.9	39.2	1.26
GL-2 (2650240)	0.07	0.18	0.8	<0.005	<5	5	<0.05	0.01	0.12	0.05	17.0	1.0	4.9	0.10
GL-3 (2650241)	0.07	0.99	3.4	<0.005	7	49	0.36	0.09	6.52	0.07	40.5	8.5	34.2	1.12
GL-4 (2650242)	<0.01	1.11	4.0	<0.005	7	57	0.40	0.09	3.83	0.03	43.6	9.5	36.1	1.14
GL-5 (2650243)	<0.01	0.85	3.1	<0.005	8	50	0.28	0.08	8.83	0.06	35.6	7.5	29.4	0.97
GL-6 (2650244)	<0.01	1.10	3.2	<0.005	8	55	0.42	0.09	6.21	0.06	42.8	9.0	35.1	1.20
GL-7 (2650245)	<0.01	1.29	3.4	0.006	9	65	0.48	0.11	3.73	0.04	46.9	10.4	40.8	1.42
TR-1 (2650246)	<0.01	0.62	1.4	<0.005	<5	31	0.15	0.05	0.40	0.04	28.6	5.0	23.0	0.66
TR-2 (2650247)	<0.01	0.58	1.5	<0.005	<5	31	0.13	0.05	0.42	0.04	29.2	5.4	21.0	0.60
TR-3 (2650248)	<0.01	0.64	1.5	<0.005	<5	39	0.12	0.05	0.47	0.10	27.4	4.9	20.0	0.60
TR-4 (2650249)	0.04	0.54	2.0	<0.005	6	37	0.14	0.05	5.49	0.05	28.2	5.4	20.9	0.68
TR-5 (2650250)	<0.01	0.49	1.5	<0.005	<5	30	0.06	0.04	0.70	0.04	24.2	5.4	22.1	0.54
TR-6 (2650251)	<0.01	0.79	2.2	<0.005	<5	51	0.19	0.07	0.36	0.04	35.2	6.9	26.4	0.85
TR-7 (2650252)	<0.01	0.70	2.2	<0.005	<5	35	0.12	0.06	0.36	0.04	23.8	5.4	23.0	0.64
TR-8 (2650253)	<0.01	0.63	1.6	<0.005	<5	40	0.16	0.05	0.46	0.05	31.3	5.5	23.3	0.67
TR-9 (2650254)	<0.01	0.68	1.4	0.010	<5	42	0.18	0.06	0.44	0.02	33.4	4.9	23.6	0.71
TR-10 (2650255)	0.09	0.71	3.9	0.008	6	26	0.19	0.05	10.2	0.03	95.5	9.6	29.4	0.91
TR-11 (2650256)	0.03	0.18	1.5	0.011	<5	8	<0.05	0.03	0.12	0.04	18.7	1.4	6.9	0.14
TR-12 (2650257)	<0.01	0.44	1.8	<0.005	<5	22	0.08	0.06	2.42	0.04	24.8	3.5	14.2	0.39
TR-13 (2650258)	<0.01	0.86	2.4	<0.005	<5	42	0.27	0.07	0.82	0.04	37.2	6.3	25.3	0.81
TR-14 (2650259)	0.03	0.79	4.0	<0.005	<5	22	0.30	0.06	0.51	0.04	54.5	6.1	24.4	0.79
TR-15 (2650260)	<0.01	0.70	2.0	0.009	<5	13	<0.05	0.05	0.10	0.04	19.4	2.9	15.8	0.54

Certified By: Sherin Moussa

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Certificate of Analysis

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Dan Grottoli

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

DATE SAMPLED: Jun 23, 2021 | DATE RECEIVED: Jun 24, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) 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
GL-1 (2650239)	20.2	1.88	5.37	0.22	0.45	0.03	0.012	0.19	21.9	21.4	2.24	378	0.24	0.02
GL-2 (2650240)	2.3	0.22	0.92	0.07	0.05	<0.01	<0.005	0.01	7.9	2.4	0.06	18	<0.05	<0.01
GL-3 (2650241)	16.6	1.60	4.41	0.22	0.31	<0.01	0.005	0.16	19.6	18.2	2.31	331	0.36	0.02
GL-4 (2650242)	18.0	1.78	5.07	0.24	0.35	0.01	0.007	0.19	22.6	20.1	2.52	360	0.17	0.02
GL-5 (2650243)	15.8	1.48	3.93	0.13	0.40	0.02	0.013	0.17	17.1	18.1	2.81	288	0.17	0.02
GL-6 (2650244)	17.8	1.76	4.88	0.20	0.52	0.05	0.009	0.19	21.3	20.1	2.23	343	0.26	0.02
GL-7 (2650245)	19.9	2.00	5.69	0.30	0.49	0.03	0.013	0.21	23.2	22.2	2.28	385	0.17	0.02
TR-1 (2650246)	8.1	0.94	3.03	0.09	0.12	0.01	0.009	0.09	13.6	11.9	0.37	128	0.18	0.01
TR-2 (2650247)	7.1	0.86	2.90	0.19	0.07	0.02	0.006	0.07	13.7	11.3	0.34	143	0.27	<0.01
TR-3 (2650248)	6.3	1.03	2.89	0.14	0.06	0.01	<0.005	0.05	12.4	11.2	0.33	147	0.33	<0.01
TR-4 (2650249)	14.6	0.89	2.86	0.12	0.09	0.02	0.009	0.10	13.7	13.1	2.02	161	0.49	0.01
TR-5 (2650250)	29.2	0.93	2.59	0.13	0.05	0.02	<0.005	0.06	12.0	10.3	0.44	106	0.84	<0.01
TR-6 (2650251)	7.1	1.81	3.73	0.15	0.06	0.02	0.008	0.07	16.5	13.8	0.39	703	0.28	<0.01
TR-7 (2650252)	5.1	1.41	3.35	0.13	0.03	0.01	<0.005	0.06	10.9	14.1	0.38	378	0.26	<0.01
TR-8 (2650253)	8.6	1.13	3.21	0.17	0.08	<0.01	0.006	0.08	14.7	12.9	0.40	92	0.47	<0.01
TR-9 (2650254)	9.1	0.98	3.33	0.18	0.09	<0.01	<0.005	0.07	15.4	13.2	0.39	95	0.19	<0.01
TR-10 (2650255)	21.2	1.49	3.92	0.30	0.14	0.03	0.010	0.07	45.8	12.9	2.98	395	0.34	0.01
TR-11 (2650256)	2.7	0.39	1.01	0.07	0.07	<0.01	0.011	0.02	9.3	3.3	0.08	61	0.05	<0.01
TR-12 (2650257)	7.3	0.68	2.08	0.12	0.10	<0.01	0.008	0.05	11.4	8.3	1.08	91	0.08	<0.01
TR-13 (2650258)	11.6	1.27	3.66	0.22	0.15	0.04	0.009	0.10	17.5	14.8	0.67	121	0.13	<0.01
TR-14 (2650259)	11.2	1.27	3.36	0.30	0.09	<0.01	0.010	0.09	30.9	15.1	0.48	298	0.25	<0.01
TR-15 (2650260)	3.5	1.11	4.07	0.05	0.03	0.02	<0.005	0.03	5.7	6.3	0.13	59	0.36	<0.01

Certified By: Sherin Moussa

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Certificate of Analysis

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Dan Grottoli

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

DATE SAMPLED: Jun 23, 2021 | DATE RECEIVED: Jun 24, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.5	0.001	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
GL-1 (2650239)	1.09	21.8	0.065	8.0	19.1	0.005	0.10	0.13	4.1	1.0	0.7	38.5	<0.01	0.04
GL-2 (2650240)	0.59	2.9	0.058	1.2	1.4	<0.001	<0.01	<0.05	0.3	0.8	0.2	3.2	<0.01	<0.01
GL-3 (2650241)	1.00	19.9	0.059	6.9	17.3	<0.001	0.12	0.05	3.3	1.6	0.5	43.4	<0.01	0.03
GL-4 (2650242)	1.06	20.8	0.068	7.1	20.2	<0.001	0.07	0.07	3.7	0.9	0.6	25.7	<0.01	0.03
GL-5 (2650243)	0.88	16.4	0.063	5.4	17.6	<0.001	0.16	0.07	2.8	1.1	0.5	57.0	<0.01	0.02
GL-6 (2650244)	0.89	19.9	0.060	6.6	20.3	<0.001	0.12	0.06	3.8	1.2	0.6	43.3	<0.01	0.02
GL-7 (2650245)	1.23	22.8	0.066	7.0	22.1	<0.001	0.08	0.06	4.5	0.8	0.7	30.2	<0.01	0.01
TR-1 (2650246)	1.34	11.4	0.062	3.6	9.8	<0.001	0.04	<0.05	1.9	0.3	0.4	10.0	<0.01	<0.01
TR-2 (2650247)	1.21	10.9	0.052	3.4	9.4	<0.001	0.08	<0.05	1.7	1.2	0.5	9.2	<0.01	<0.01
TR-3 (2650248)	1.08	10.0	0.053	3.3	9.3	<0.001	0.08	0.05	1.4	0.7	0.4	9.3	<0.01	<0.01
TR-4 (2650249)	1.28	11.0	0.056	4.0	13.8	<0.001	0.21	0.06	1.7	1.0	0.4	34.4	<0.01	<0.01
TR-5 (2650250)	0.96	12.2	0.049	3.5	10.8	<0.001	0.15	<0.05	1.4	1.0	0.6	8.4	<0.01	<0.01
TR-6 (2650251)	1.13	11.8	0.055	4.6	11.2	<0.001	0.03	<0.05	2.1	1.1	1.4	10.7	<0.01	<0.01
TR-7 (2650252)	1.12	10.2	0.057	3.5	9.8	<0.001	0.02	0.06	1.5	0.8	0.7	10.6	<0.01	<0.01
TR-8 (2650253)	1.46	12.5	0.057	4.0	10.1	<0.001	0.16	<0.05	1.8	1.6	0.4	10.3	<0.01	<0.01
TR-9 (2650254)	1.39	11.6	0.059	4.8	8.3	<0.001	0.07	0.07	1.9	0.7	1.1	10.1	<0.01	<0.01
TR-10 (2650255)	0.91	20.1	0.085	5.4	8.0	<0.001	0.20	0.06	3.0	1.4	1.1	56.7	<0.01	<0.01
TR-11 (2650256)	0.63	2.3	0.047	2.9	2.0	0.003	<0.01	0.11	0.6	0.3	0.6	3.6	<0.01	0.02
TR-12 (2650257)	0.92	6.5	0.047	1.8	6.9	<0.001	0.05	<0.05	1.2	0.4	0.4	15.3	<0.01	0.02
TR-13 (2650258)	1.29	13.6	0.054	3.9	15.1	<0.001	0.02	<0.05	2.4	0.8	0.4	10.2	<0.01	0.01
TR-14 (2650259)	1.07	12.1	0.066	4.1	11.2	<0.001	0.02	0.07	3.1	1.7	0.5	9.8	<0.01	0.02
TR-15 (2650260)	1.45	5.7	0.037	4.2	5.3	<0.001	0.02	<0.05	0.6	0.9	0.4	5.2	0.02	0.01

Certified By: Sherin Moussa

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Certificate of Analysis

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Dan Grottoli

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

DATE SAMPLED: Jun 23, 2021 | DATE RECEIVED: Jun 24, 2021 | DATE REPORTED: Jul 27, 2021 | SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
GL-1 (2650239)	7.1	0.093	0.18	0.58	30.4	0.21	9.33	35.0	19.4
GL-2 (2650240)	4.4	0.018	<0.01	0.29	4.1	<0.05	2.26	7.1	1.7
GL-3 (2650241)	6.1	0.074	0.15	0.52	24.1	0.15	8.37	29.6	15.1
GL-4 (2650242)	6.9	0.079	0.17	0.57	27.5	0.16	9.55	32.5	16.1
GL-5 (2650243)	5.8	0.071	0.13	0.57	22.4	0.12	7.12	27.2	15.8
GL-6 (2650244)	6.6	0.085	0.15	0.53	27.7	0.14	9.20	33.0	19.6
GL-7 (2650245)	7.9	0.102	0.18	0.65	34.4	0.17	10.3	34.4	21.2
TR-1 (2650246)	4.1	0.055	0.08	0.55	17.2	0.06	4.87	24.1	5.8
TR-2 (2650247)	3.4	0.048	0.07	0.72	16.5	0.07	4.96	21.7	2.7
TR-3 (2650248)	2.3	0.039	0.07	1.37	15.0	0.06	4.60	25.0	2.1
TR-4 (2650249)	3.5	0.044	0.12	1.50	14.1	0.09	5.91	22.2	4.8
TR-5 (2650250)	3.2	0.038	0.10	4.13	16.0	0.07	4.95	21.0	2.0
TR-6 (2650251)	3.2	0.049	0.09	0.99	20.8	0.09	6.02	26.5	2.2
TR-7 (2650252)	2.3	0.048	0.05	0.94	20.1	0.10	3.96	24.6	1.2
TR-8 (2650253)	3.9	0.053	0.07	0.87	17.3	0.16	5.31	30.4	4.4
TR-9 (2650254)	3.4	0.050	0.08	0.82	17.8	0.08	5.54	34.7	3.5
TR-10 (2650255)	6.8	0.071	0.15	0.84	21.6	0.13	11.3	20.8	5.9
TR-11 (2650256)	2.8	0.021	0.02	0.24	6.3	0.05	3.00	6.8	1.9
TR-12 (2650257)	3.4	0.036	0.06	0.40	9.4	0.06	4.81	11.4	3.9
TR-13 (2650258)	4.9	0.058	0.12	0.45	19.9	0.11	6.88	20.9	7.6
TR-14 (2650259)	4.9	0.056	0.14	0.49	18.1	0.11	11.8	19.8	4.8
TR-15 (2650260)	1.6	0.048	0.04	0.31	19.5	0.08	1.63	8.0	0.9

Comments: RDL - Reported Detection Limit

2650239-2650260 Au determination by this method is semi-quantitative due to small sample size.

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

Certified By: Sherin Moussa

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Quality Assurance - Replicate

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Dan Grottoli

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

	REPLICATE #1				REPLICATE #2													
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD										
Ag	2650239	< 0.01	< 0.01	0.0%	2650254	< 0.01	< 0.01	0.0%										
Al	2650239	1.25	1.25	0.0%	2650254	0.68	0.66	3.0%										
As	2650239	4.2	3.7	12.7%	2650254	1.4	1.6	13.3%										
Au	2650239	0.0066	0.0075	12.8%	2650254	0.010	< 0.005											
B	2650239	7	8	13.3%	2650254	< 5	< 5	0.0%										
Ba	2650239	62	63	1.6%	2650254	42	42	0.0%										
Be	2650239	0.47	0.46	2.2%	2650254	0.18	0.16	11.8%										
Bi	2650239	0.115	0.099	15.0%	2650254	0.06	0.06	0.0%										
Ca	2650239	5.50	5.51	0.2%	2650254	0.44	0.44	0.0%										
Cd	2650239	0.040	0.034	16.2%	2650254	0.02	< 0.01											
Ce	2650239	44.5	46.5	4.4%	2650254	33.4	32.2	3.7%										
Co	2650239	9.9	9.9	0.0%	2650254	4.9	4.9	0.0%										
Cr	2650239	39.2	40.1	2.3%	2650254	23.6	23.5	0.4%										
Cs	2650239	1.26	1.24	1.6%	2650254	0.71	0.68	4.3%										
Cu	2650239	20.2	19.5	3.5%	2650254	9.1	9.5	4.3%										
Fe	2650239	1.88	1.90	1.1%	2650254	0.98	0.97	1.0%										
Ga	2650239	5.37	5.37	0.0%	2650254	3.33	3.32	0.3%										
Ge	2650239	0.219	0.171	24.6%	2650254	0.18	0.154	15.6%										
Hf	2650239	0.45	0.44	2.2%	2650254	0.09	0.070	25.0%										
Hg	2650239	0.03	0.03	0.0%	2650254	< 0.01	0.01											
In	2650239	0.012	0.014	15.4%	2650254	< 0.005	< 0.005	0.0%										
K	2650239	0.19	0.19	0.0%	2650254	0.07	0.07	0.0%										
La	2650239	21.9	22.8	4.0%	2650254	15.4	15.1	2.0%										
Li	2650239	21.4	21.6	0.9%	2650254	13.2	12.9	2.3%										
Mg	2650239	2.24	2.25	0.4%	2650254	0.39	0.39	0.0%										
Mn	2650239	378	378	0.0%	2650254	95	93	2.1%										
Mo	2650239	0.24	0.24	0.0%	2650254	0.19	0.21	10.0%										
Na	2650239	0.02	0.02	0.0%	2650254	< 0.01	< 0.01	0.0%										
Nb	2650239	1.09	1.15	5.4%	2650254	1.39	1.37	1.4%										
Ni	2650239	21.8	22.7	4.0%	2650254	11.6	11.7	0.9%										
P	2650239	0.0650	0.0678	4.2%	2650254	0.059	0.0563	4.7%										

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Dan Grottoli

Pb	2650239	8.0	8.0	0.0%	2650254	4.8	4.14	14.8%								
Rb	2650239	19.1	19.2	0.5%	2650254	8.3	8.1	2.4%								
Re	2650239	0.005	< 0.001		2650254	< 0.001	< 0.001	0.0%								
S	2650239	0.10	0.10	0.0%	2650254	0.07	0.07	0.0%								
Sb	2650239	0.13	0.09		2650254	0.07	0.07	0.0%								
Sc	2650239	4.12	4.18	1.4%	2650254	1.9	1.84	3.2%								
Se	2650239	1.0	1.2	18.2%	2650254	0.7	1.0	35.3%								
Sn	2650239	0.7	0.6	15.4%	2650254	1.1	1.4	24.0%								
Sr	2650239	38.5	38.7	0.5%	2650254	10.1	9.5	6.1%								
Ta	2650239	< 0.01	< 0.01	0.0%	2650254	< 0.01	< 0.01	0.0%								
Te	2650239	0.037	0.030	20.9%	2650254	< 0.01	< 0.01	0.0%								
Th	2650239	7.1	7.4	4.1%	2650254	3.4	3.32	2.4%								
Ti	2650239	0.093	0.093	0.0%	2650254	0.050	0.0475	5.1%								
Tl	2650239	0.18	0.16	11.8%	2650254	0.08	0.07	13.3%								
U	2650239	0.58	0.61	5.0%	2650254	0.82	0.800	2.5%								
V	2650239	30.4	31.6	3.9%	2650254	17.8	17.8	0.0%								
W	2650239	0.21	0.18	15.4%	2650254	0.08	0.08	0.0%								
Y	2650239	9.33	9.47	1.5%	2650254	5.54	5.45	1.6%								
Zn	2650239	35.0	34.6	1.1%	2650254	34.7	34.8	0.3%								
Zr	2650239	19.4	19.4	0.0%	2650254	3.5	3.28	6.5%								

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Dan Grottoli

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

	CRM #1 (ref.ME-1303)				CRM #2 (ref.ME-1206)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Ag	152	154	101%	80% - 120%	274	287	105%	80% - 120%								
Au	0.57	0.47	83%	80% - 120%												
Cu	3440	3547	103%	80% - 120%	7900	7785	99%	80% - 120%								
Pb	12200	12600	103%	80% - 120%	8010	8194	102%	80% - 120%								
Zn	9310	9457	102%	80% - 120%	23800	22199	93%	80% - 120%								

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Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

ATTENTION TO: Dan Grottoli

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Al	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
As	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Au	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
B	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Ba	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Be	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Bi	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Ca	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Cd	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Ce	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Co	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Cr	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Cs	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Cu	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Fe	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Ga	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Ge	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Hf	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Hg	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
In	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
K	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
La	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Li	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Mg	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Mn	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Mo	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS

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Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 21T765753

PROJECT: JERRY LAKE

ATTENTION TO: Dan Grottoli

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Na	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Nb	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Ni	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
P	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Pb	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Rb	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Re	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
S	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Sb	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Sc	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Se	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Sn	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Sr	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Ta	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Te	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Th	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Ti	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Tl	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
U	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
V	MIN-200-12020	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
W	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Y	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS
Zn	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-OES
Zr	MIN-200-12018	Fletcher, WK: Handbook of Exploration Geochem	ICP-MS

2019 - 2021 Prospecting Map
Claim 530527

SOIL SAMPLES:

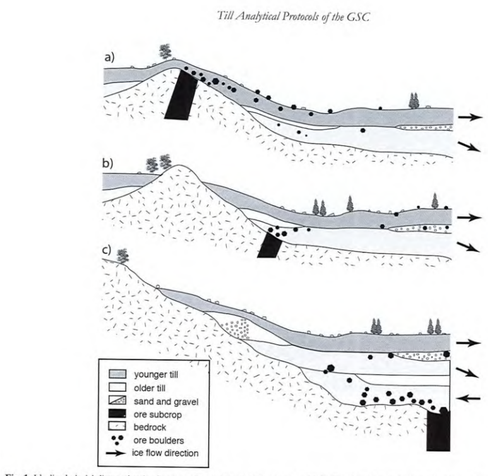
Soil Sample 1	NAD83 Zone 17 548556E, 5483722N
Soil Sample 2	NAD83 Zone 17 548607E, 5484033N
Soil Sample 3	NAD83 Zone 17 548725E, 5484063N
Soil Sample 4	NAD83 Zone 17 548817E, 5484472N
Soil Sample 5	NAD83 Zone 17 548964E, 5484379N
Soil Sample 6	NAD83 Zone 17 549123E, 5484226N
Soil Sample 7	NAD83 Zone 17 548472E, 5484399N
Trough 1	NAD83 Zone 17 549270E, 5482521N
Trough 2	NAD83 Zone 17 549260E, 5482532N
Trough 3	NAD83 Zone 17 549243E, 5482531N
Trough 4	NAD83 Zone 17 549238E, 5482545N
Trough 5	NAD83 Zone 17 549217E, 5482529N
Trough 6	NAD83 Zone 17 549215E, 5482529N
Trough 7	NAD83 Zone 17 549212E, 5482530N
Trough 8	NAD83 Zone 17 549200E, 5482541N
Trough 9	NAD83 Zone 17 549178E, 5482527N
Trough 10	NAD83 Zone 17 549094E, 5482775N
Trough 11	NAD83 Zone 17 549111E, 5482765N
Trough 12	NAD83 Zone 17 549101E, 5482776N
Trough 13	NAD83 Zone 17 549108E, 5482789N
Trough 14	NAD83 Zone 17 549119E, 5482810N
Trough 15	NAD83 Zone 17 549114E, 5482809N
Alluvial	NAD83 Zone 17 549208E, 5482527N

Soil samples taken with a Dutch soil sampler probe from the C horizon. Bedrock sources were not located.

Traverse & Access Roads

Sample Location

Alluvial (panned riverbed)



Till Analytical Protocols of the GSC 287

Fig. 1. Idealized glacial dispersal trains in areas of variable till thickness or multiple till units: (**a**) thin (<2 m) till with metal-rich debris dispersed in surface till; (**b**) thicker till with metal-rich debris dispersed in older and younger tills; (**c**) deeply buried mineralized zone with metal-rich debris dispersed in older tills only. These possible scenarios must be considered when designing till sampling surveys (modified from Hirvas & Nenonen 1990).

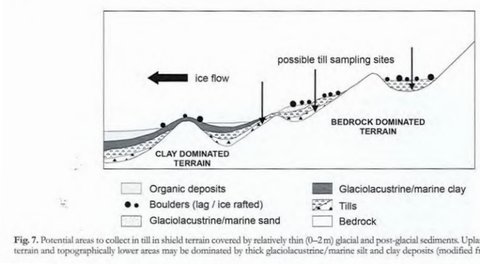


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Fig. 7. Potential areas to collect in till in shield terrain covered by relatively thin (0–2 m) glacial and post-glacial sediments. Upland bedrock-dominated terrain and topographically lower areas may be dominated by thick glaciolacustrine/marine silt and clay deposits (modified from Henderson 1995).

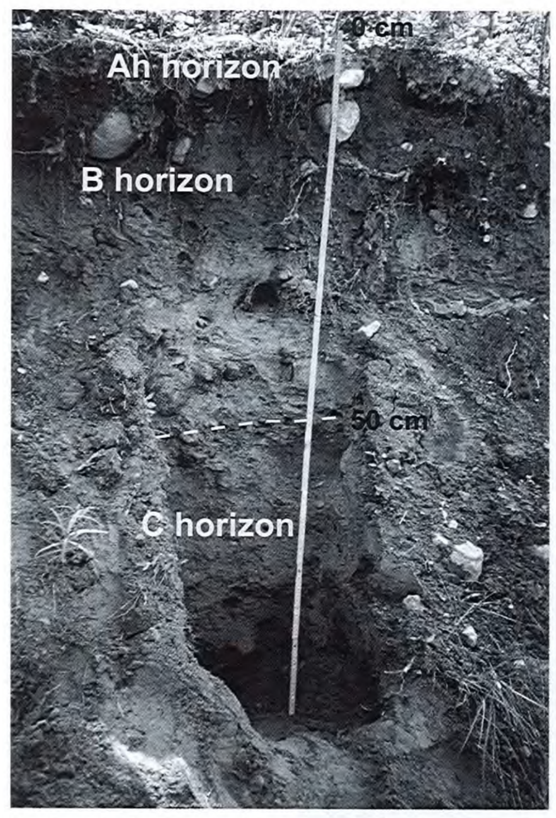

Fig. 9. Orthic brunisol developed on sandy-silt till near Flin Flon, Manitoba, in central Canada (from McMartin & McClenaghan 2001). Till samples in this area should be collected below the B horizon.

Drafted by M. Gaudreau 2021-06-22