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BANTING PROPERTY

2021 - 2022 Prospecting Report

Banting Township

Sudbury Mining Division

Ontario, Canada

February 1, 2023

By: J. M. Gaudreau

For: Don Fudge

160 Bryan Rd, North Bay, Ontario P1C 1C2

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Summary

The Banting Property (Property) is situated on the south-west part of Banting township at coordinate NAD83 Zone 17 576716E, 5225650N, within the Sudbury Mining Division.

The twelve (12) claims are recorded 100% in the name of Don Thomas Fudge (MLAS Client Number 133964), 160 Bryan Rd, North Bay, Ontario Canada, P1C 1C2. The site visits included prospectors Jean Gaudreau (MLAS Client Number 408864) and Gino Chitaroni (MLAS Client Number 117874). The prospecting was a technical success and resulted in several samples being assayed. The gold potential remains unquantified due to conflicting lab results. A total of twenty-seven (27) samples were submitted for analysis by AGAT analytical code ME-GRA22 (Au Ag 50g FA-GRAV finish and Sodium Peroxide Fusion – ICP-OES/ICP-MS Finish.

The Banting Property was acquired to further investigate the gold in quartz veins potential within a monzonitic rock unit, it's contacts and the relationship with copper occurrences and the Anima-Nipissing River Deformation Zone. Mapping of the western part of Banting township in 1997, by the Ontario Geologic Survey, Report R285, returned low gold values at a copper occurrence and within quartz veins hosted within a monzonite lithological unit in contact with the Anima-Nipissing River Deformation Zone. In addition, the highest gold value noted in the report indicates an association with a copper showing, within the claims block, located on the south side of the Anima-Nipissing River Deformation Zone (Figure 3).

The Property was visited on three (3) separate prospecting dates; April 21, 2021, May 11, 2022, and October 9, 2021.

On April 21, 2021, M. Gaudreau and G. Chitaroni visited the property, driving to the furthest west claim line (claim 633242) and backtracking east examining the lithological units and their contacts, while noting any mineralization. On this first prospecting site visit, the intent was to confirm the merit of acquiring the Property. A north travers on foot within claim 633240, off the Red Squirrel Road, immediately, confirmed extensive east west striking quartz variable-layered veining in all outcroppings examined along the traverse. Minor disseminated millimeter sized pyrite was disseminate in both the monzonite and quartz veining. This initial prospecting site visit was successful in acquiring several samples from quartz veins, however after assaying the samples no anomalous gold was realized, even at the location sampled by the Ontario Geologic Survey, which reportedly returned >1 gram per ton gold. The last sample taken from the north side of the Red Squirrel Road, close to the Anima-Nipissing River Deformation Zone to the south, returned 2.82 grams per ton gold, anomalous arsenic and 1 gram silver per ton. Due to this encouraging assay result, an additional site visit was carried out. The April 21, 2021, prospecting focused on claims 633237 (5%), 633239 (5%), 633240 (80%) and 633241 (10%).

On October 19, 2021, M. Gaudreau revisited the Banting Property to resample outcrop locations on the north and south side of the Red Squirrel Road, and as close to the Anima-Nipissing River Deformation Zone as possible, locate the contact of the tuffaceous basalt unit and the west side of the monzonite and twin the road side sample of monzonite of which returned 2.82 grams per ton gold, anomalous arsenic and 1 gram silver per ton. Several samples were taken from this contact and an alluvial sample was taken from the Anima-Nipissing Riverbed to pan for gold later, if required. The prospecting focused on claims 633237 (10%), 633240 (50%) and 633241 (40%).

On May 11, 2022, M. Gaudreau and D. Fudge completed a third site visit on the Banting Property. This prospecting site visit was intended to further examine and sample, primarily, the contact of the monzonite and the Anima-Nipissing River Deformation Zone, which was clearly identifiable due to being well developed along a series of river and lakes, striking in an east-west direction, along the south side of the Red Squirrel Road. Several samples were collected for assay. Although, none of this lot of samples returned anomalous gold and silver, has been very confusing. AGAT Laboratories was contacted and an inquiry into retesting resulted. The original anomalous results of gold and silver were never determined. Perhaps a nugget affect occurred or a lab error. The prospecting and sampling took place within claims 633240 (50%) and 633241 (50%).

The filing of this report should allow the claims to remain in good standing to allow additional time to complete ongoing exploration of the Banting Property.

Location & Access

The Banting Property is accessible by the Red Squirrel Road turning west off highway 11. The Red Squirrel Road intersects highway 11 approximately 10 km north of the community of Temagami. The Red Squirrel Road is clearly marked on Highway 11 north and is a well-travelled, seasonal, gravel access road. Access during the winter months would require a snow machine or similar, as the road is not plowed during the winter months. Continue eastbound on the Red Squirrel Road to the centre of the Property at approximate coordinate NAD83 Zone 17 576716E, 5225650N.

Ownership and Claim Status

The Banting Property comprises twelve (12) contiguous, unpatented mining claim cells. The claims were recorded 100% in the name of Don Thomas Fudge on February 2, 2021. The mining claim numbers include 633234 to 633245, inclusive. The total annual work requirement for the twelve (12) claims totals $4,800.00. The Provincial Cell numbers for the twelve (12) claims are 31M04L321 - 31M04L324, 31M04L341 - 31M04L344 and 31M04L361 - 31M04L364.

Exploration Plan, Permit & First Nations

There is currently no active Exploration Plan or Exploration Permit issued on the Property. The Ministry of Northern Development and Mines circulates the permit requests to the affected First Nations communities that the Banting Property resides within. Considering the results of the 2021 and 2022 prospecting programs an Exploration Plan and/or Exploration Permit is recommended to complete the next phase of work which might include test pitting, stripping and a diamond drilling program to test the Anima-Nipissing River Deformation Zone structure.

Figure 1: Banting Property Ontario Key Map.

Accessibility and Infrastructure

The Banting Property is easily accessible in the summer months by motor vehicles and on foot off the Red Squirrel Road. During the winter season the Property can still be accessed by snowmobile. Other than ongoing forestry operations connecting to the Red Squirrel Road, no additional infrastructure exists within or proximal to the Banting Property.

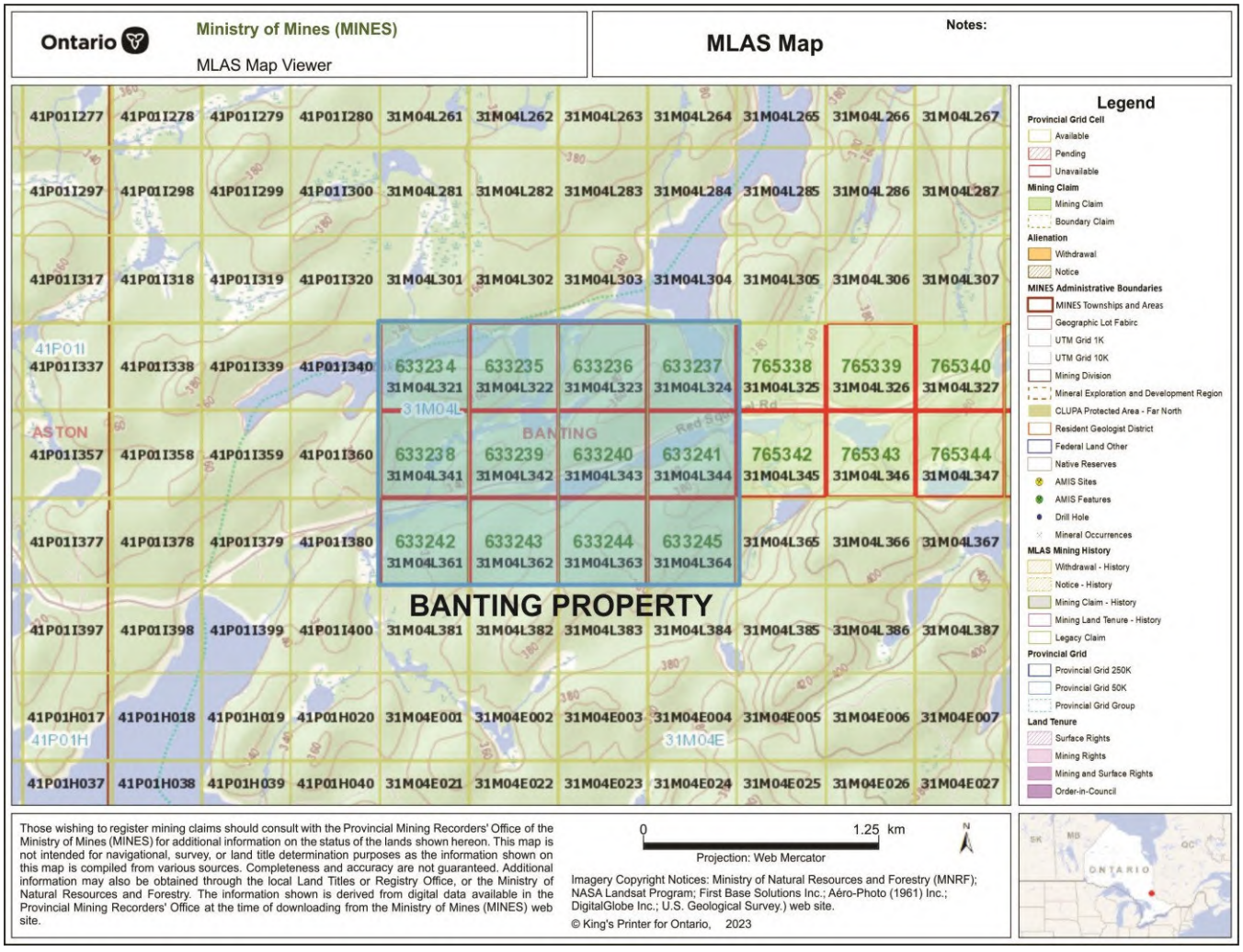


Figure 2 Banting Property Location Claim Block.

Regional Climate

The mean annual temperature for the area is slightly above the freezing point at 1°C. The average July temperature is 20°C and the average January temperature is -15°C. The precipitation is highest in September. Snow typically falls from October to May, but the peak is from November to March.

Historical Work

Locally, there are no historical exploration assessment reports in the public domain available for review that cover the Banting Property.

Regionally, the closest historical assessment reports available for download and review include work by Temex Resources Corp.:

***2004: K. Rees, 31M04NE2042. Temex Resources Corp**., Temagami Diamond Project, 2003 till sampling and mapping program.*

Government Survey:

In 1997 the Ontario Geologic Survey completed a field program in Banting township that covers the Banting Property. Reference; Smyk, M.C., Born, P. and Owsiacki, L., 1997. Precambrian geology, Banting Township and the western part of Best Township; Ontario Geological Survey, Report 285, 53p.

Critical Reader: B. Dressler, Editors: R.F. Davie, R.L. Debicki

Regional Geology & Exploration

All lithologic units in the map area are of Precambrian age. Archean metavolcanic rocks consist of steeply dipping, mafic to intermediate tholeiitic flows and calc-alkalic pyroclastic rocks which occur in a narrow, branching belt. These rocks have undergone at least two and possibly three phases of folding and regional, lower greenschist metamorphism. Both brittle and ductile deformation occurred contemporaneously with folding and produced several major deformation zones. The most prominent is the east-northeast-trending Anima Nipissing River Deformation Zone (ANRDZ). The metavolcanic rocks have been intruded by gabbroic, dioritic and later granitic rocks. Rocks in the contact aureoles of the granite batholiths are of albite-epidote and hornblende hornfels facies. Neoarchean mafic to intermediate intrusive rocks, including lamprophyre, intrude the granites and older Archean gabbro.

Archean rocks are unconformably overlain by relatively flat lying Paleoproterozoic glaciogenic sedimentary rocks of the Coleman Member of the Gowganda Formation of the Huronian Supergroup. An undulating sill of Paleoproterozoic Nipissing diabase intrudes Archean basement and Huronian sedimentary rocks and is exposed as several eroded diabase arches and diabase basins. A northwest-trending olivine diabase dike (Sudbury dike swarm) and several swarms of narrower, later diabase dikes postdate the Nipissing diabase and are the youngest rocks in the study area.

Prospecting and exploration activity have been sporadic in the area. Small test pits and trenches were located and are presumably 50 to 80 years old. No significant mineral occurrences were discovered, largely owing to the absence of Cobalt-type silver-arsenide vein deposits, despite the presence of lithologic and stratigraphic relationships that are similar to those in Cobalt. Quartz-calcite veins in the upper, variably textured portions of the Nipissing diabase sill contain minor gold, silver and copper values.

Quartz veins in Archean basement rocks are typically barren of sulfides but have returned gold values of up to 0.05 ounce of gold per ton. These anomalous gold and copper values are mainly associated with the main east-northeast-trending Anima Nipissing River Deformation Zone (ANRDZ). Other gold mineralization may be related to the lamprophyric suite of rocks located near the main deformation zone. The Archean hornblende gabbro may have potential for base metal and platinum group element mineralization.

General Structural Geology

Generally, there is a lack of metasedimentary rocks with primary structural features and stratigraphic indicators intercalated within the Archean metavolcanic succession. Pillowed lavas and crudely developed beds in tuffaceous units are the only indicators of the general younging direction of the supracrustal sequence. Primary features in most instances have largely been obliterated by regional and contact metamorphism. The structure of the Proterozoic rocks is more amenable to study because of their relative lack of metamorphism and deformation, and the abundance of primary sedimentary structures and other top indicators.

The main one, however, is the east-northeast trending zone called the Anima Nipissing River deformation zone which exhibits both brittle and ductile deformation. Foliation trajectories to the north and south of the deformation zone represent kinematic indicators that suggest the main displacement along the fault was caused by a dextral strike-slip movement. Mapping and characterization of this previously unknown Anima Nipissing River deformation zone was one of the more significant contributions of the present geological study of Banting and Best townships. A discussion of mineral occurrences that are associated with this deformation zone will follow in the “Economic Geology” section. This zone may well be similar to the Net-Vermilion deformation zone in adjacent Strathy Township (*Fyon and O’Donnell 1987; Fyon and Wheatley 1988; Fyon et al. 1988; Fyon and Cole 1989)*.

Economic Geology & Mineralization

No assessment work is on file that cover the claims area. Historical prospecting was confined to silver exploration in Nipissing diabase exposed in the central parts of Banting Township. As a result, some ground was held in this area as early as 1929. That region was restaked in the period between 1948 and 1951 by Nacso Metals, and Michaud and Davis, in 1961 by Rix Athabasca Uranium Mines Limited, and lastly in 1963 by Mid-North Engineering Limited. However, there are no records of any mineral occurrences discovered during these periods of exploration activity.

Most rock types identified within the Cobalt silver camp, including a Nipissing diabase sill, are also exposed in Banting and Best townships. Carbonate veins were not observed to cut either Nipissing diabase or Huronian sedimentary rocks. Also lacking is the extensive chloritic

spotted alteration commonly found in the Cobalt camp adjacent to the Nipissing diabase sill. However, quartz-calcite veins were observed in parts of the upper, variably textured zones of the Nipissing diabase sill. In some instances, they carried anomalous Au, Ag and Cu values. Minor occurrences of malachite staining and chalcopyrite mineralization are observed in Nipissing diabase.

1997 geologic mapping by the Ontario Geologic Survey (OGS), geological report R285 indicates that systematic sampling of quartz veins cutting granitic and volcanic rocks was completed in Banting township, including quartz veins within the Banting property. Of the approximately 80 samples taken, 32 indicated some metal content. Some samples returned gold values ranging from trace amounts to 0.05 ounce per ton, suggesting that these vein structures should be further investigated. In places, minor malachite staining, and chalcopyrite mineralization were noted in Archean granite, amphibolite and volcanic rocks. **The best gold values came from a chalcopyrite-bearing quartz vein hosted within granite in the southeastern corner of the map area, just south of Red Squirrel Road. This showing lies within the Banting Property.** The Chalcopyrite also occurs as disseminated clots to 2 mm in size within a quartz-poor phase of the granite. A grab sample taken by the OGS produced an assay of 0.1% copper (Timiskaming Testing Laboratory, Cobalt). All copper bearing samples were analyzed for gold but only nil or trace values were obtained.

Another rock unit of economic interest is the **hornblende gabbro**. It should be explored for platinum and base metals within its magnetite- and sulphide-rich portions. In the southeastern part of the OGS mapped area, a gabbro body contains a banded magnetite rock that represents stoped and rafted iron formation. About 300 meters south of this showing, the gabbro locally grades into a hornblendite and contains up to 25% disseminated magnetite. Chalcopyrite was also observed along fracture surfaces. This is not unusual, since there are many similar showings within lamprophyric rocks with associated gold occurrences as reported in the literature by Rock et al. (1987). Heather (1989) described lamprophyre dikes as gold exploration targets in the Wawa area where strongly deformed lamprophyre dikes are intimately associated with mineralized quartz veins in the majority of gold occurrences within granitoid rocks. The dikes represent strong competency contrast within the homogenous granitoids, and localized both the quartz veining and gold mineralization.

Other possible targets for mineralization are hydrothermal alteration zones and the ductile deformation zones of the area. These deformation zones include the main west-southwest-trending Anima Nipissing deformation zone.

Within the Banting Property there are several anomalous gold and copper occurrences shown in Figure 3.

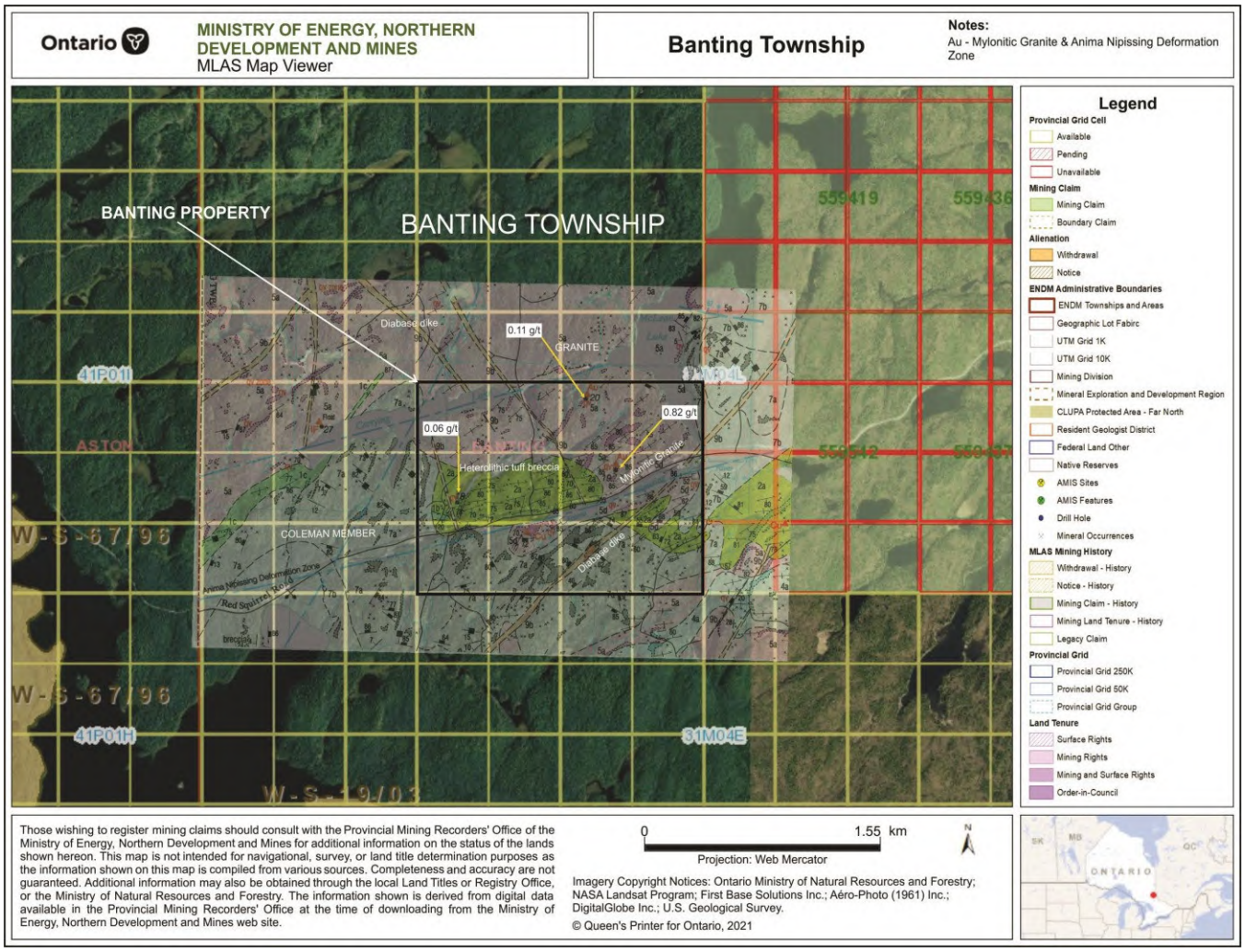


Figure 3, Geology and mineral occurrences within the Banting Property.

Prospecting

The Property was visited on three (3) separate prospecting visits, April 21, 2021, May 11, 2022, and October 9, 2021.

The forest on all three prospecting visits within the Banting Property included a variety of trees. Red and white pines dominate the landscape and allow for easy passage through the underbrush as it is significantly reduced due to poor light penetration. There appears that little to no logging has taken place. The smaller tress varieties include white birch, cedar, spruce, alder, aspen, ash and low bush maple and other species the author is not aware of. The wildlife observed while prospecting includes, moose, ruffed grouse, pileated woodpecker, mallard ducks, ravens, and whiskey jacks. A spotted salamander was uncovered while hand stripping. There was a significant wasp and yellow jacket activity within the pine forest.

On **April 21, 2021**, M. Gaudreau traveled from Hanmer (188 km one way) and met G. Chitaroni at the Red Squirrel Road turn off from Highway 11. G. Chitaroni traveled southbound from Cobalt (37 km one way). They prepared gear and continued to the property using G. Chitaroni 4x4 truck. They drove into the Property via the Red Squirrel Road which had a few bad spots from spring run-off, but they were well marked by others. After reaching the Property they continued driving to the furthest west claim line (claim 633242) and marking a flagging tape at this location. They then backtracked east, examining outcroppings and their contacts, while noting any mineralization. The first outcrop examined was of cobalt conglomerate outcrop on the north side of the road at coordinate NAD83 Zone 17 576519E, 5225192N. The vertical faced outcrop was easily examined beside the road. It is described as a typical poorly sorted conglomerate with rounded clasts of varying sizes within interbedded orthoconglomerate. The geology at this location aligned very well to what is mapped on the Ontario Geologic Survey (OGS) report R285 Map 2613. On this first prospecting site visit, the intent was to confirm the merit of acquiring the Property based on the OGS results. Two samples of mafic tuff were taken from within one meter of each other, near the contact with the monzonitic rock unit at NAD83 Zone 17 577032E, 5225319N. A short distance further east a north travers on foot was completed within claim 633240 starting from the Red Squirrel Road at coordinate NAD83 Zone 17 577126E, 5225409N to NAD83 Zone 17 5771239E, 5225474N where the OGS sampled quartz vein was twinned. Overall, the monzonite contained extensive east west striking, variable-layered, variable widths veining in all outcroppings examined along the traverse route. Minor disseminated millimeter sized pyrite was disseminated in both the monzonite and quartz veining. This initial prospecting site visit was successful in acquiring fourteen (14) samples. Two (2) from the brecciated tuff and ten (10) from several quartz veins (Note: field sample location notebook is lost, no coordinates for this lot of samples). The assay samples returned no anomalous gold or silver including twinning a sample from the location sampled by the Ontario Geologic Survey, which reportedly returned >1 gram per ton gold. The assaying of these samples was for gold only by Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm). AGAT Work Order 21T739004, under Assays.

The prospecting focused on claims 633237 (5%), 633239 (5%), 633240 (80%) and 633241 (10%).

Samples taken: TUFF-1, TUFF-2, L1-SAMPLE-A, L1-SAMPLE-B, L1-SAMPLE-C, L1-SAMPLE-D, L1-SAMPLE-D, L1-SAMPLE-E, L1-SAMPLE-C1, L1-SAMPLE-D1, L1-SAMPLE-E1, L2-SAMPLE-A, L2-SAMPLE-B, L2-SAMPLE-C and L2-SAMPLE-D.

Later in the day, they departed the Property back to Cobalt. M. Gaudreau continued on route, returning to Hanmer.

Analyte: Au **Unit:** ppm
Sample ID (AGAT ID) RDL: **Au** 0.001

TUFF-1	(2401829)	0.002
TUFF-2	(2401830)	0.006
L1-SAMPLE-A	(2401831)	0.001
L1-SAMPLE-B	(2401832)	0.002
L1-SAMPLE-C	(2401833)	0.001
L1-SAMPLE-D	(2401834)	0.005
L1-SAMPLE-E	(2401835)	<0.001
L1-SAMPLE-C1	(2401836)	0.003
L1-SAMPLE-D1	(2401837)	<0.001
L1-SAMPLE-E1	(2401838)	<0.001
L2-SAMPLE-A	(2401839)	0.001
L2-SAMPLE-B	(2401840)	0.001
L2-SAMPLE-C	(2401841)	0.001
L2-SAMPLE-D	(2401842)	<0.001

Photo above, looking east. Shows rusty spots in outcrop that were sampled. At this outcrop several samples were taken along the side of the outcrop and minor stripping and clearing of low branches was completed to expose the outcropping at coordinate NAD83 Zone 17 5771239E, 5225474N. The forest at this location is very open due to the mature spruce, balsam, and red pine trees. The forest floor is a mat of pine needles. Hand stripping of the outcrop was easily accomplished. The narrow glassy east-west trending quartz veining is very intense most of the outcroppings. So many so, that it would take a detailed sampling program over several weeks to sample even a small portion of them. At the location shown in the photo below, the prospecting team split up. M. Gaudreau continued a northern trek about another 100 meters, scouting for the location that the OGS had sampled, as noted in report R285. It was not difficult to locate. At the outcrop at the top of a small rise, was filled with quartz veining in a east-west trend, quickly noticeable was the quantity and width of the quartz veining, making up to >25% of the outcrop and with widths of >10 centimeters. The veining was primarily a nimbostratus cloudy grey tinge, and more sugary textured. On the return trek back to the truck parked on the Red Squirrel Road several 0.5 meter wide east-west trending, white to blonde coloured, sugary textured, fine-grained dikes were noted. They were examined but with none to minor pyrite content, a sample was not taken for assay.

Photo above, looking east, as prospector G. Chitaroni examines the stripped areas in outcrop, and cogitates about the Banting Property mineral potential.

The rock samples were sawed by M. Gaudreau and on April 28, 2022, a representative split of the samples was hand deliver to AGAT in Greater Sudbury. This round trip is approximately 50 km and takes about 1.5 hours.

The sample descriptions were lost, although using the naming convention and following the GPS track not all information was lost. For instance, the two samples of tuff are described as taken from a roadside outcrop, immediately before the contact of the brecciated tuffaceous outcrop and monzonite. The contact of the two (2) lithologies was not visible between the two roadside outcroppings. Both the tuff samples were taken within one (1) meter of each other and flagging was left at all of the sample locations. These two tuff samples are best described as fine grained, dark grey to black with a very high mafic content. Sample TUFF-2 (2401830) returned the highest gold assay of 0.006 parts per million. Although this is a very low gold value, it is encouraging due to the indiscriminate nature of sampling. Additional prospecting of the brecciated, weakly mineralized tuffaceous rock unit could realize hydrothermal veining. The primary strike of the millimeter thickness bedding of the brecciated tuff is in an east-west direction. Although, unlike the monzonite, if the orientation changed due to the proximity to the ANRDZ it is not obvious other than the strike direction. Taking a sample was also difficult due to the nature of the breaking cleavage. The bedding is at a 90° dip angle. The second site visit samples submission sent to AGAT laboratories in Sudbury will be tested for multi-element package, in the event other minerals or rare earth elements are anomalous.

Photo of typical grey monzonite. The 2-centimeter rusty quartz vein above the rock hammer handle was sampled and submitted for gold assay.

Photo, looking north-north-east. Some of the quartz veining pinches and swells within the monzonite.

Photo of intermittent hand stripping to examine outcroppings. Rock samples were taken at locations where minor disseminated pyrite was observed. The reconnaissance prospecting was successful in confirmation that the monzonitic unit is, for the most part, massive, with interbedded glassy quartz veining. The quartz veining is variable in width, in general, not exceeding 10 centimeters in thickness. Most outcroppings were weather smooth from glaciation and were not able to be sampled by rock hammers. Should mineral potential be realized, the sampling program would certainly benefit from the use of a rock saw to take samples from the glacial “smoothing” of some of the more mineralized outcroppings.

Worth noting; The ANRDZ was not exposed east of the conglomerate unit. At the conglomerate unit the waterway that took advantage of the ductile/brittle deformation zone narrowed to approximately 2 meters. For the springtime of year, one would expect a greater flow rate. This was not the case. The deformation zone was not obvious, although at a closer inspection, rusty blebs were observed on the south side of the river. Being of conglomerate rock, and that sampling would be a dangerous endeavor it was decided to move up river for more suitable outcrops to examine and possible sample. Also, worthy noting, that when the monzonite samples were sawed across the foliation plane, one would have difficulty distinguishing the sample cur face, comparably, against a medium grained, grey-white porphyry. White mineral being feldspars and grey minerals being plagioclase.

A rare chance encounter… Photo of a spotted salamander uncovered during hand stripping.

On **October 19, 2021**, M. Gaudreau revisited the Banting Property to resample outcrop locations on the north and south side of the Red Squirrel Road, and as close to the Anima-Nipissing River Deformation Zone as possible, to locate the contact of the tuffaceous basalt unit and sample the monzonite on the roadside. The last sample taken from the north side of the Red Squirrel Road (sample 06-21-RSRM), taken close to the Anima-Nipissing River Deformation Zone to the south, returned 2.82 grams per ton gold, anomalous arsenic and 1 gram silver per ton. Due to this encouraging assay result, an additional site visit was carried out.

Six (6) samples were taken from the contact of lithologies, primarily the monzonite and an alluvial sample was taken from the Anima-Nipissing River to pan for gold later, if required.

The prospecting focused on claims 633239 (15%), 633240 (75%) and 633241 (10%).

Samples taken: 01-21 RSR, 02-21 RSR, 03-21 RSR, 04-21 RSR, 05-21 RSR and 06-21 RSRM. Refer to AGAT Work Order 21T819606 in the Assay section.

Photo of samples submitted to AGAT Laboratories in Sudbury on October 21, 2021, which were collected on October 19, 2021.

The samples taken on this day were sawed and a representative split was submitted to AGAT laboratories in Greater Sudbury on October 21, 2021. This round trip is approximately 50 km and takes about 1.5 hours.

On October 19, 2021, M. Gaudreau, while returning from Earlton Ontario in the morning, completed a prospecting visit into the Banting Property. The approximate distance from Earlton to the Banting Property, traveling south bound from the town of Earlton, to the west turn at Red Squirrel Road, off Highway 11 into the Banting Property, a total distance of 99 km.

There were no logistical problems encountered when accessing the Banting Property on this day. The sky was a fall shade of deep blue and visibility was unlimited, without a cloud in the sky, a perfect fall day for prospecting. The leaf foliage had fallen making the prospecting optimum at best. M. Gaudreau decided to start the prospecting by traversing north off the Red Squirrel Road at the location of the contact between the brecciated tuff unit and the monzonite unit, of which from an earlier prospecting site visit was not observed. From the road, an approximately 150 meters travers, searching diligently for any outcroppings, eventually an outcrop was uncovered which although still mafic tuff contained a 4-centimeter-wide quartz vein, The previous prospecting unfolded a lot of the unknowns about the rock units that make up the Banting Property. It was observed that the tuff and monzonite contact is not well exposed. Finding an outcropping of the contact was not possible due to the overburden covering the two units. There appears to be a “baking” of the monzonite. Difficult to describe. The monzonite did not have distinguishable minerals and metamorphosed (baked) to a texture best described as sugary, medium to fine grained and from white to pink colours in a 90° vertical dip banding sequence of varying thickness. Primarily <0.5 meters on exposed outcroppings.

Eventually, a sample of the mafic and quartz vein were both taken at coordinate NAD83 Zone 17 577144E, 5225440N. Samples labeled in the field as 01-21-RSR-BASALT and 02-21-RSR-BASALT QV and for assay submission labelled as. Sample 01-21-RSR was of the typical brecciated tuff, very dark black, fine grained and contained disseminated pyrite. It is described as moderately magnetic with a weak reaction to acid test, containing some minor calcite. The sample was in direct contact with a 4 centimeter quartz vein which was also sampled. The quartz vein was typical of other veins noted in the Banting Property as being milky white, very fine crystal structures and void of inclusions or sulfides. A one (1) centimeter band of siliceous, red chert had developed during cooling and visually, separated the quartz vein from the tuff on the west contact. The quartz vein strike was difficult to determine due to the poor exposure of the outcrop being exposed for approximately <0.4 meters.

After sampling and placing a ribbon at the location of samples 01-21-RSR and 02-21-RSR the traverse continued eastward to where the elevation increased and outcropping of monzonite was numerous. On the highest nowl, a rusty patch was noticed, in contact with a vertical dipping series of smokey quartz veins. It appeared to be a good location to sample due to what appeared to be albite alteration associated with sparse disseminated sulfide mineralization. Samples 03-21-RSR and 04-21-RSR were taken at this location, coordinate NAD83 Zone 17 577131E, 5225417N. As with the previous samples, the thick tree canopy affected the accuracy of the GPS. The location was flagged for future reference. Taking samples from the west face was advantageous due to the fact that the top crown of the outcrop was exposed. This allowed tracing the veining and alteration over the top and onto the other side.

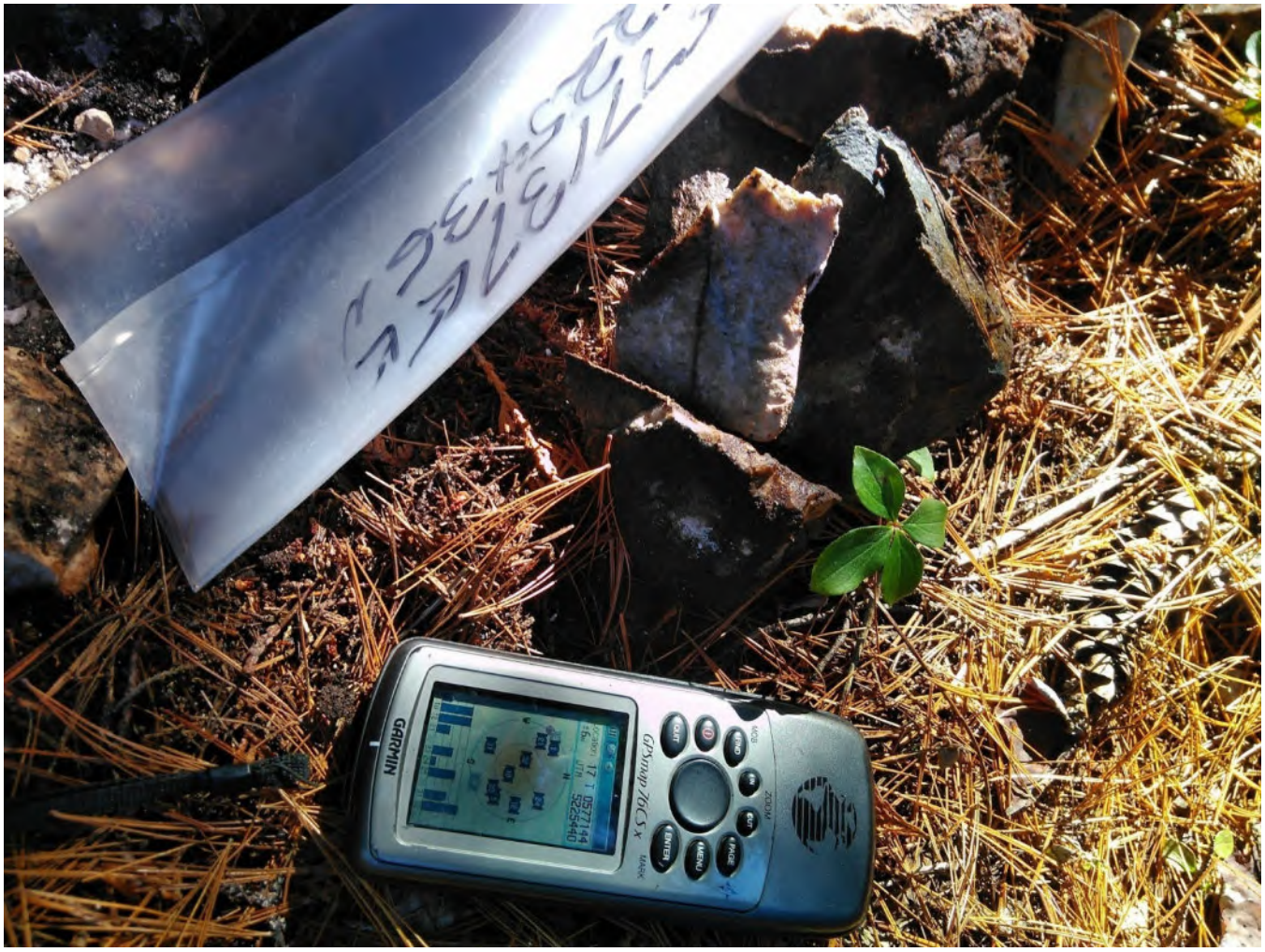


Photo of approximate location of samples 01-21-RSR and 02-21-RSR. Note, that the tree canopy affected the GPS accuracy and therefore the location is approximate.

Sample 03-21-RSR would be described as a fine grained, off white to beige coloured, possibly albite alteration lens with minor disseminated fine pyrite. This weathered pyrite was more than likely responsible for the rusty stain on the outcrop west face. The sample also included a 0.5 centimeter width mafic seam on the contact of the albite and monzonite. The sample is not magnetic and had no reaction to an acid test.

Sample 04-21-RSR would be described as similar characteristics to sample 03-21-RSR except that the disseminated pyrite increased to approximately 1%. The weathered surfaces were stained reddish to brown and the thin layering appears porous enough to allow moisture penetration and therefore the rusty appearance when broken. This also caused the rock to be more friable and taking on a texture of sericite.

As good as the mineralization and alteration looked, neither of these samples returned anomalous gold or other elevated minerals.

Photo of location where samples 03-21-RSR and 04-21-RSR were taken at coordinate NAD83 Zone 17 577131E, 5225417N, looking at the easterly strike direction and 90° dip of monzonite.

Photo shows GPS location of where samples 03-21-RSR and 04-21-RSR were taken in the field.

Photo, looking east, shows an example of the mature pine forest where samples 03-21-RSR and 04-21-RSR were taken and a ruffed grouse in centre of photo at NAD83 Zone 17 577131E, 5225417N.

Photo of location of sample 05-21-RSR. Minor stripping was completed to expose the outcropping so that it could be sampled. The laminated, sulfide banding layers in outcrop is extensive.

Photo shows GPS location of sample 05-21-RSR and a closeup view of the sample, showing the rusty banding and some visible pyrite crystals randomly distributed within the banding.

After flagging the location of where samples 03-21-RSR and 04-21-RSR were taken and further examining the nowl to trace the mineralized trend over the top and further east, approximately 20 meters until it was covered by overburden, the traverse continued southward, returning to the Red Squirrel Road, while examining outcroppings along the way. Several sugary textured, non-mineralized dikes and dikelets were examined. All the features hosted within the monzonite have taken on texture showing being metamorphosed, having an east-west strike direction, most likely caused by being in contact with the ANRDZ.

It's unfortunate, the assay results might be in question. The gold might also be in nugget affect. To test the nugget affect hypothesis, it was decided to take an alluvial sample from the Anima-Nippising River bed material. This was much more difficult than expected. Although the river was not that far of a walk from the Red Squirrel Road there was a gentle slope to the river and the river was very much void of optimum locations to fill a five (5) gallon pail with a sandy/silty/pebbly mix from the riverbed. The river was walked, upstream, over 100 meters distance. First location checked was at the outlet of the westerly small elongated lake, unnamed, is part of the Anima-Nipissing River system. There was really no suitable material or enough of the proper fragment size material to fill even a small portion of the 5 gallon pail. After walking up stream on the north side of the river, there was a few locations where the river could be crossed, but was a bit hazardous to do so as the rocks were very slippery and so the focus of taking a sample was limited to the north shoreline of the river system.

Eventually a location was located to take a sample of the riverbed. There was just enough riverbed material that meets the alluvial sampling specifications to fill ¾ of the 5 gallon pail. At coordinate NAD83 Zone 17 576464E, 5225125N. The sample was carried back to the road and the truck was driven east to the location of the bucket left on the side of the road wo that it did not have to be carried any further, down the road to the truck some tens of meters away, but in sight when reaching the slight incline to the road, as shown on Google Map image below.

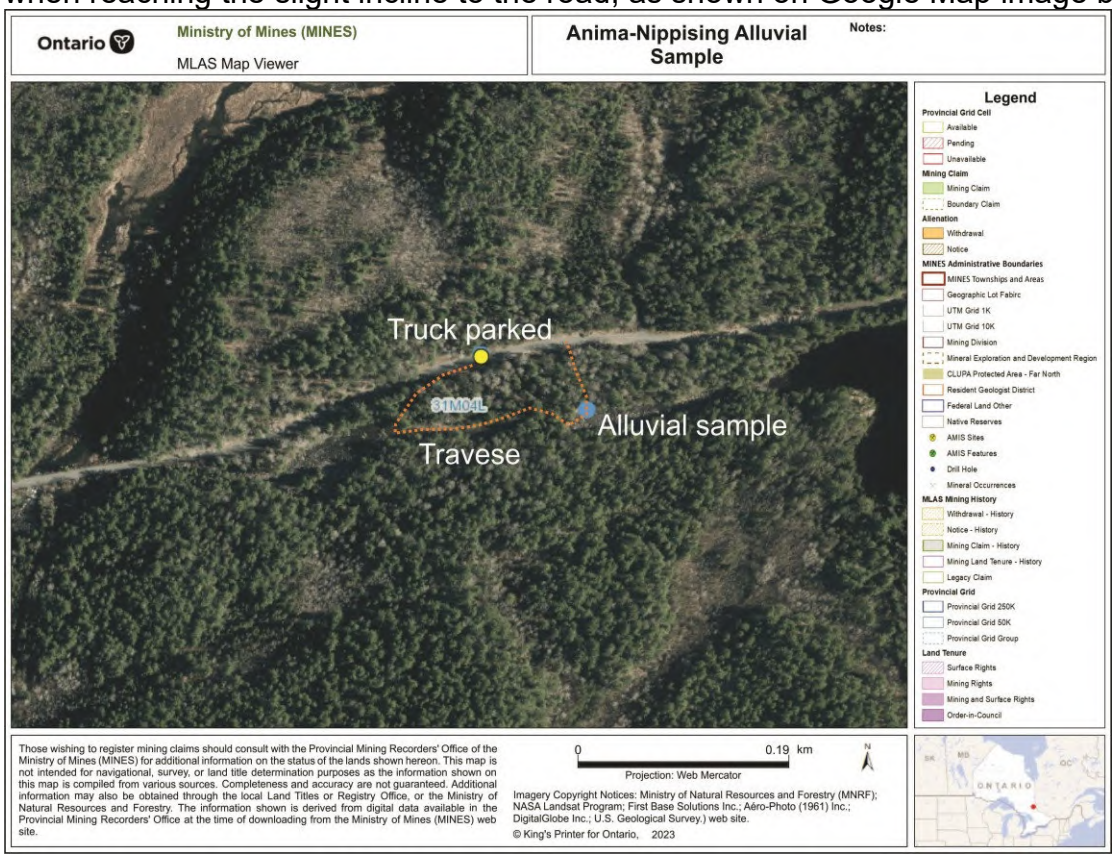


Photo showing GPS location of where an alluvial sample was taken from the Anima-Nipissing River. The sample was difficult to get due to the lack of suitable locations, primarily boulders.

After taking the alluvial sample and completing and completing taking the six (6) rock samples M. Gaudreau traveled back to Hanmer and the next day, reviewed and prepared the samples for assay.

On **May 11, 2022**, M. Gaudreau and D. Fudge completed a third site visit on the Banting Property. This prospecting site visit was intended to further examine and sample, primarily, the contact of the monzonite and the Anima-Nipissing River Deformation Zone (ANRDZ), which was clearly identifiable due to being well developed along a series of river and lakes, striking in an east-west direction, along the south side of the Red Squirrel Road. Several samples were collected for assay. None of the samples taken on this day returned anomalous gold or silver, although the sampling focused the area that returned 2.82 grams per ton from the previous sampling on October 21, 2021. AGAT Laboratories was contacted over the validity of the 2.82 gram per ton assay and an inquiry into retesting resulted. The original anomalous results of gold and silver were never determined. Perhaps a nugget affect occurred or a lab error. The prospecting and sampling occurred within claims 633240 (50%), 633241 (45%) and 633241 (5%).

Samples taken: RSR-2022 FLOAT, RSR-2022-02, RSR-2022-03, RSR-2022-04, RSR-2022-05 TWIN, RSR-2022-MAF-DIKE. See AGAT Certificate of Analysis SD22124213 for gold and silver under code ME-GRA22 with a Au Ag 50 g FA-GRAV finish.

M. Gaudreau departed from Hanmer on the morning of May 11, 2022, and traveled Highway 17 East to North Bay and meet with D. Fudge (144 km). After packing gear, they traveled in D. Fudge 4x4 truck from North Bay to the Banting Property via Highway 11 North (127 km). It was decided to prospect as close to the ANRDZ as possible. The truck was parked on the road at coordinate NAD83 Zone 17 577121E, 5225349N. As expected from previous prospecting site visits, no outcroppings were located on the south side of the Red Squirrel Road that could be sampled. The only rock that looks like it came from a local source was a very large “float” that was located 4 meters south of the road close to the waters edge. It was sampled due to the mafic inclusions within it and minor disseminated sulfides within the mafic clots. Sample appeared to have the plagioclase within it remobilized and iron staining with throughout. The sample was taken 4 meters south of coordinate NAD83 Zone 17 577121E, 5225349N.

Photo taken looking south, the Anima-Nippising River I the foreground. Showing the stripping of the angular mineralized altered monzonite float location.

Photo showing the coordinate of sample RSR-2022-FLOAT, taken 4 meters south of coordinate shown. The sample was carried to the truck for a closer examination.

The roadside prospecting continued eastward from coordinate NAD83 Zone 17 577121E, 5225349N to the next exposed outcrop at NAD83 Zone 17 577160E, 5225368N. The outcrop at this location appeared massive and considerable hammering had to be cone with the aid of a chisel to get a representative sample. The outcrop is located only a few meters on the north side of the Red Squirrel Road. Sample RSR-2022-01 was taken from this outcrop and the location was flagged with ribbon. This sample appeared to be either heavily weathered or that sericite alteration has taken place. Clearly the sample was deteriorated and deep weathering has taken place. With a hand lens some minor disseminated pyrite weathered out vugs were visible. The monzonite colours were replaced by light brown blotches.

Photo looking north at outcrop stop number 2 where sample RSR-2022-01 was taken.

A close up photo of sample RSR-2022-01 taken immediately north off the Red Squirrel Road.

Photo looking north, outcrop where sample RSR-2022-02 was taken, immediately north of the Red Squirrel Road. Sample of mineralized monzonite with disseminated pyrite showing rusty.

Photo showing GPS coordinate of sample RSR-2022-02 taken at NAD83 Zone 17 577179E, 5225385N. Note the visible disseminate pyrite in well developed cleavage plane.

Photo showing sample RSR-2022-03 at next outcrop sampled on an eastern direction along the Red Squirrel Road. The monzonite has a 50% K-feldspar content, shown as pink swifts within the mafic equivalent.

Photo above showing the GPS location of sample RSR-03-2022. The sample demonstrates that the monzonite texture has been more highly strained, much more intensely altered when in close proximity to the ANRDZ. This affect on the country rocks is to be expected. Interesting in that the mineralization, being only visible disseminated pyrite, is not consistent along the ANRDZ. Clearly additional prospecting on the south side of the ANRDZ could determine if any base metals might be “zoning” as the alteration and mineralization is infrequent. The mafic constituent within the monzonite appears to be altered with albite. Unfortunately, a multi-element assay was not part of the analytical package. Sample taken at coordinate NAD83 Zone 17 577198E, 5225394N.

Photo, looking north at location of sample RSR-2022-04. This sample was taken a short distance further east than sample RSR-2022-03 and has the same description as sample RSR-2022-02.

Photo showing GPS coordinate of sample RSR-2022-04 at NAD83 Zone 17 577212E, 5225405N. The monzonite appears to have consistent alteration along the ANRDZ.

After sample RSR-2022-04 was taken the travers continued eastward along the Red Squirrel Road to the location where sample 06-21 RSR-M was taken on October 21, 2021. This sample returned 2.82 grams per ton gold. It was thought by twinning the sample that the gold results could be duplicated. Unfortunately, this was unsuccessful at twinning the gold value. The location might not have been exact but was in the same proximity to each other.

After finishing the day of prospecting M. Gaudreau and D. Fudge returned to North Bay and M. Gaudreau continued to Hanmer. The samples were hand delivered to AGAT laboratories in Sudbury on May 2, 2022.

Photo showing the outcrop where RSR-2022-05 TWIN was taken.

Photo of GPS sample RSR-2022-05 TWIN location NAD83 Zone 17 577268E, 5225433N.

Photo showing location where sample RSR-2022-MAF-DIKE was taken. Looking north. The mafic dike is strongly magnetic, very fine grained and has fine disseminated pyrite throughout.

Photo showing location of sample RSR-2022-MAF-DIKE at coordinate NAD83 Zone 17 577622E, 5225586N. The dike has some minor calcite healed fracturing throughout.

Photo of a reference sample of conglomerate taken on the eastern boundary of claim 633237. The sample was taken as a reference only and was not submitted for assay.

Prospecting Summary

In summary, the prospecting, sampling, and analytical results were a technical success. The prospecting efforts have assisted in gaining a better understanding of the lithological units that are hosted within the Banting Property. The sampling has clearly identified that disseminated pyrite is found within the monzonite to varying percents and disseminations from spotty and erratic to millimeter size and localized to veining and the mafic minerals. The assay results are discouraging. If it was not for sample 06-21 RSR-M the property might not qualify for additional exploration. Since anomalous gold has been discovered, assuming the assay is accurate, additional prospecting of the Banting Property could realize other auriferous locations, especially focusing on the south side of the ANRDZ.

Samples & Certificates

Certificate of analysis, AGAT WORK ORDER: 21T739004.

Samples: TUFF-1, TUFF-2, L1-SAMPLE-A, L1-SAMPLE-B, L1-SAMPLE-C, L1-SAMPLE-D, L1-SAMPLE-D, L1-SAMPLE-E, L1-SAMPLE-C1, L1-SAMPLE-D1, L1-SAMPLE-E1, L2-SAMPLE-A, L2-SAMPLE-B, L2-SAMPLE-C and L2-SAMPLE-D.

Certificate of analysis, AGAT WORK ORDER: 21T819606.

Samples: 01-21 RSR, 02-21 RSR, 03-21 RSR, 04-21 RSR, 05-21 RSR and 06-21 RSR.

Certificate of analysis, SC22124213

Samples: RSR-2022 FLOAT, RSR-2022-02, RSR-2022-03, RSR-2022-04, RSR-2022-05 TWIN, RSR-2022-MAF-DIKE.

Assay Results Summary

The three (3) separate assay submissions to AGAT Laboratories in Greater Sudbury resulted in very low to nil gold and silver results. The rare earth elements where also not anomalous enough to be economic. Only sample 06-21 RSRM returned anomalous 2.82 grams per ton gold and 1 gram per ton silver. Sample 01-21-RSR returned 1.17% titanium and 291 ppm vanadium. This sample was taken from the contact of the mafic breccia tuff and the monzonite.

Recommendations

There is a possible gold association with the deformation zones, as described by Fyon and Crocket (1986). Figure 21 shows a fairly dense concentration of anomalous values both north and south of the main west-southwest-trending deformation zone. Archean quartz veins are generally associated with strongly deformed granitic rocks containing anomalous Au and Cu values. These are mainly associated with the west-southwest-trending Anima Nipissing River deformation zone (ANRDZ) but also occur at several localities along some Proterozoic mafic dikes that cut the granites (see Figure 21). Assay values from grab samples range from trace amounts to 0.05 ounce of gold per ton.

Although ductile deformation in the ANRDZ is best illustrated by the mylonitic granitic rocks, it also occurs in volcanic rocks along strike from the zone and further to the east. These volcanic rocks probably represent a more favourable exploration target than the granites. Deformation in the mafic metavolcanic rocks has resulted in a pronounced shear foliation and extreme flattening, rather than ductile flow as in the granites. Previous structural studies in Archean greenstone terranes verified that major gold deposits occur in regional zones of deformation (Fyon and Crocket 1986; Hugon and Schwerdtner 1985). The Anima Nipissing River deformation zone may represent such an area for potential gold mineralization because: 1) its orientation and features are similar to the Net-Vermilion deformation zone in Strathy Township described by Fyon and O'Donnell (1987), Fyon and Wheatley (1988), Fyon et al. (1988) and Fyon and Cole (1989); 2) both zones represent structures produced during D2 deformation; and 3) there is a high frequency of gold occurrences along the northeast trending Net–Vermilion deformation zone. Other gold-bearing structures in Strathy Township, such as the Big Dan and Penrose properties, represent north-trending deformation zones that probably correspond to the D3 deformation. There appear to be no analogous structures of this type in Banting and Best townships. Intrusion of the late lamprophyric dikes postdates the last deformational event (D3). The lamprophyric dikes have a similar north-trending orientation. They intrude the structural zones that were probably produced during east-west shortening of the D3 deformation. This factor, together with a known gold and lamprophyre association documented elsewhere (Rock et al. 1987; Heather 1989) makes them a marginal but potential gold exploration target.

2. There is also a possible gold association with the lamprophyric and ultramafic rock types. The diatreme breccia zones appear to have some anomalous gold values. Also worthy of investigation is an extensive hematite-epidote alteration halo within the granitoid rocks surrounding the easternmost pyroxenephyric gabbro intrusion. Local hydrothermal activity probably occurred both during and following the intrusion of the pyroxene gabbros (unit 6c). Also, the spatial distribution of the main lamprophyre bodies is parallel to the major structural lineament. The alteration halo is also bounded by the main Anima Nipissing River deformation zone and its intersection with a secondary northwest-trending lineament in the eastern part of the map area. This type of spatial relationship suggests that the fault or deformation zones represent preferential and structurally favourable sites that localized the igneous intrusions. Gold, silver, and possibly base metals may have been remobilized here and deposited in structurally favourable sites along joint surfaces and other fluid pathways. Although mineralization has not been observed within the north-trending lamprophyre dikes, there is still the potential for anomalous gold values to be associated with them. This has been documented in the literature by Rock et al. (1987) and Heather (1989). Also, the dikes probably intruded into structural zones parallel to the D3 deformational axis that produced the Big Dan and Penrose gold-bearing structures in Strathy Township. Assay values from the diatreme breccia, lamprophyre and adjacent rocks range from trace amounts to 0.01 ounce of gold per ton.

3. Base metal and possible platinum group element potential exists in the hornblende gabbro along the southern margin of the greenstone belt. This unit could be correlative with the Net gabbro-anorthosite intrusion in Strathy Township which hosts several base metal occurrences. Areas of greatest potential in Banting and Best townships include any sulphide- or magnetite-rich portions of the intrusion and the northern contact zone with the metavolcanic belt.

Continued exploration could still realize a gold credit within the monzonite unit along the ANRDZ.

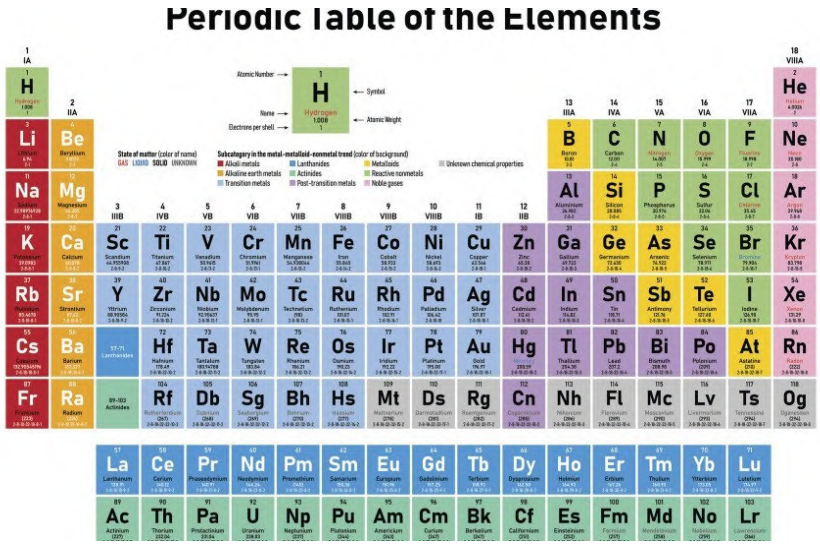
Addition prospecting in an eastern direction along the ANRDZ might be warranted.

An attempt should be made to cross the Anima-Nippising River and prospect/sample the outcrops on the south side and make a second attempt at collecting a representative alluvial sample after the spring runoff has resided.

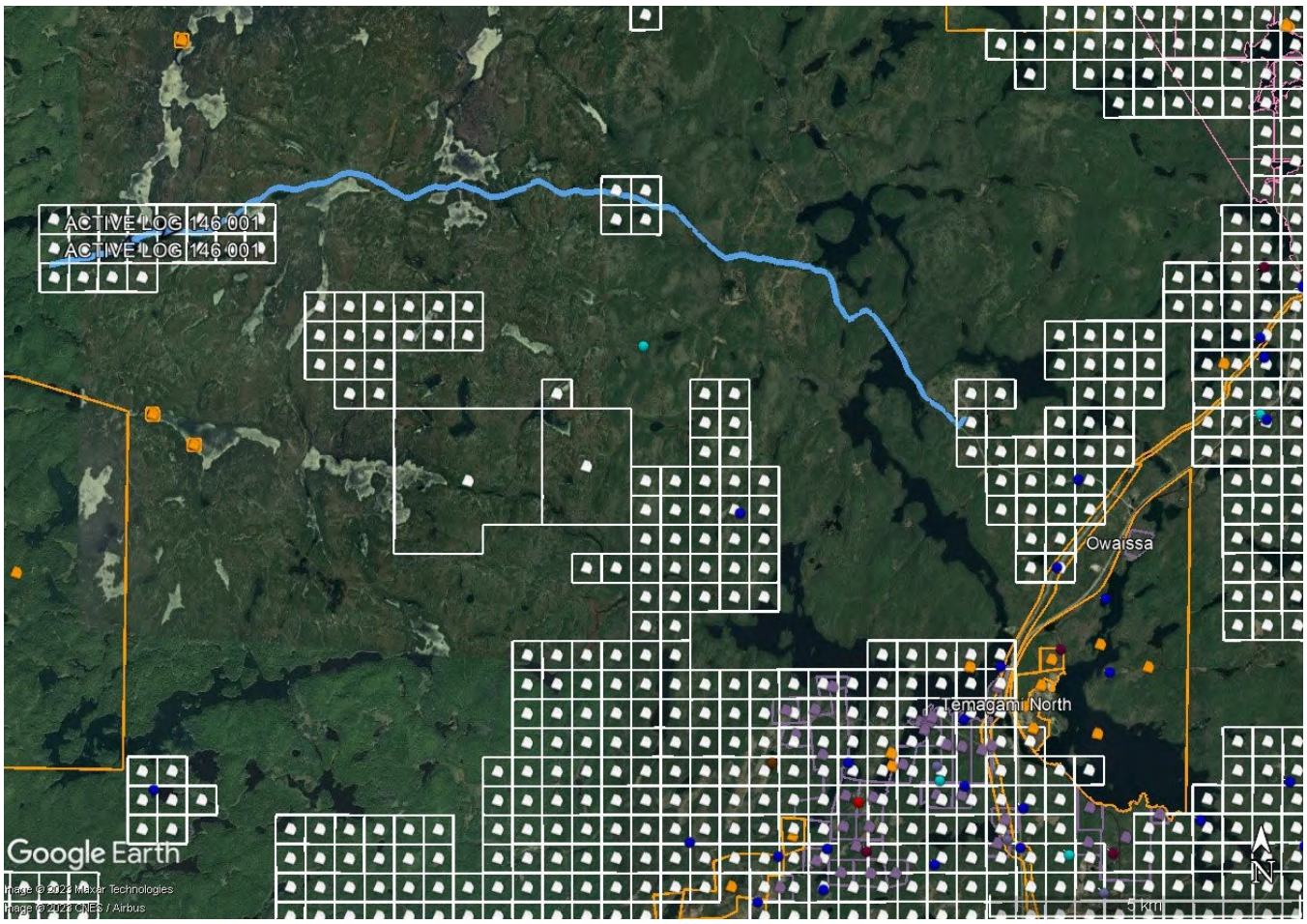
Legend of Abbreviations

UTM (Universal Transverse Mercator) coordinate system
NAD (North American Datum)
MDI (Mineral Deposit Inventory)
MLAS (Mining Lands Administrative System)
gr/T (grams per ton or Ton if metric)
4x4 (Four-wheel drive vehicle)
C (Celsius)
km (Kilometer)
M (Meters)
ppm (parts per million)
ppb (parts per billion)
oz (ounces)

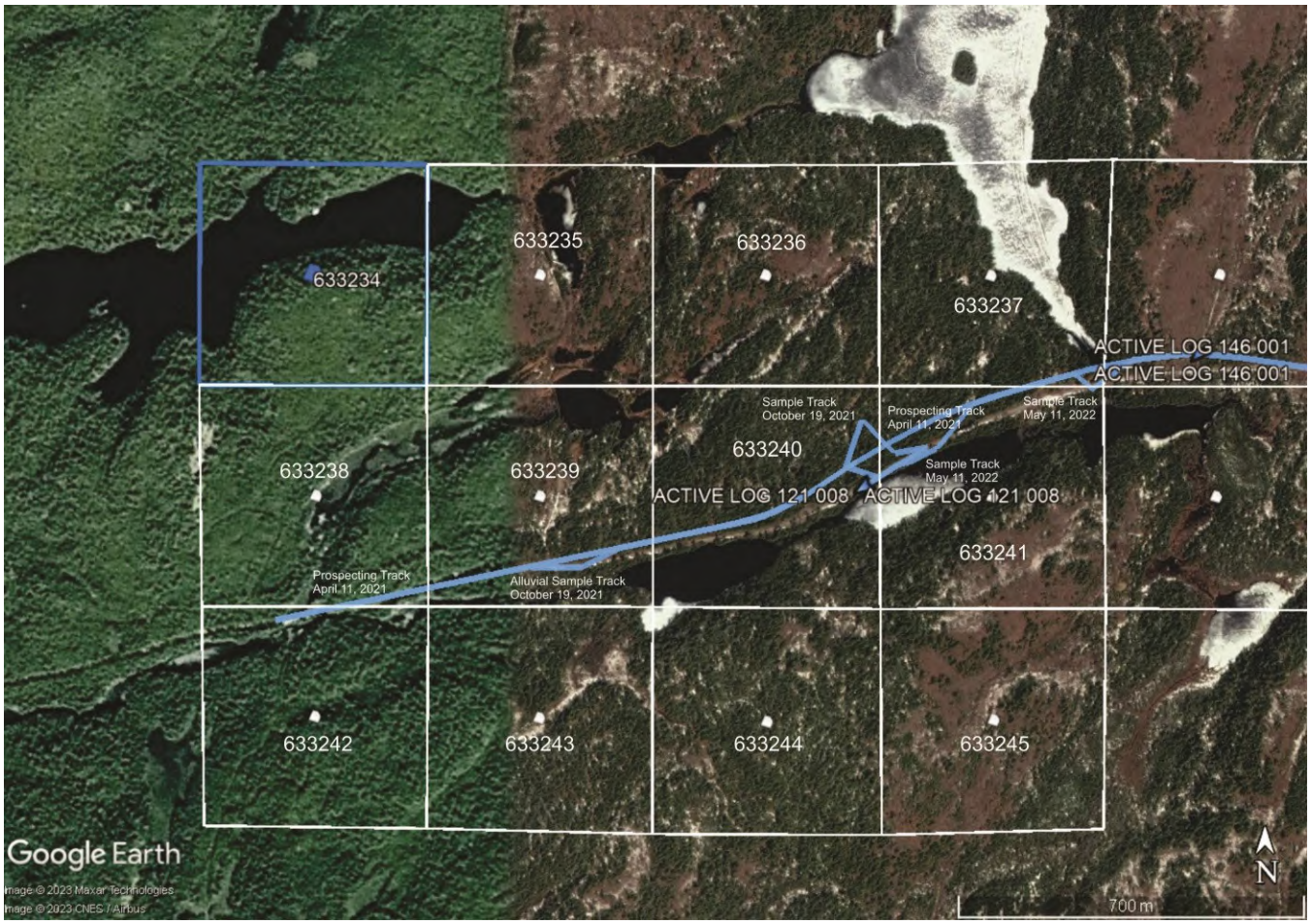
NOTE: Minerals and elements abbreviations in report is listed in the Periodic Table below.



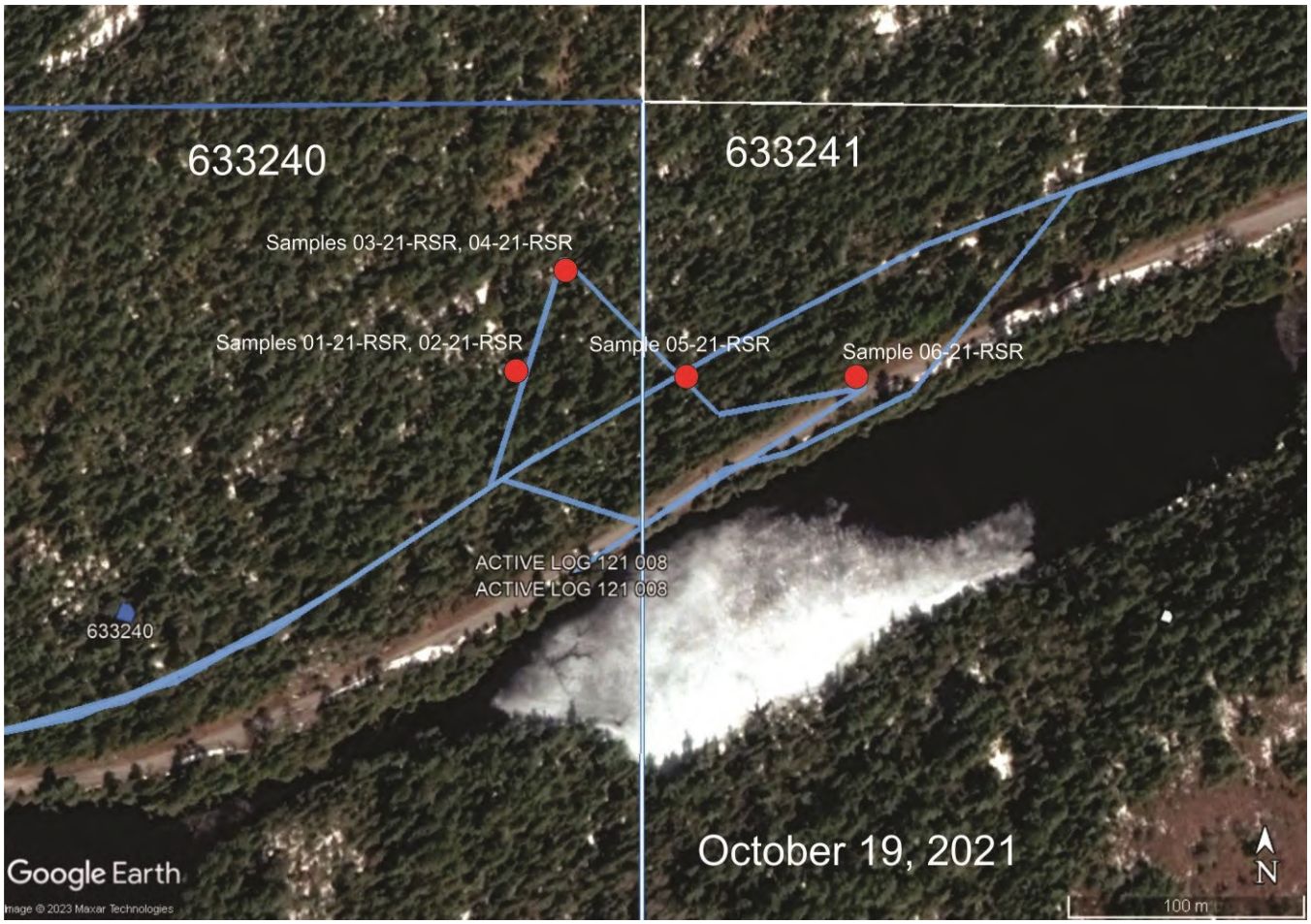
Tracks



Active Log 146 001, Highway 11, west into the Banting Property, traveling on the Red Squirrel Road.



Active Log 121 008, prospecting the Banting Property, via the Red Squirrel Road off Highway 11 north. Showing three dates and locations of prospecting.



October 19, 2021, Track Log, and sample locations.

Appendices

Cost:

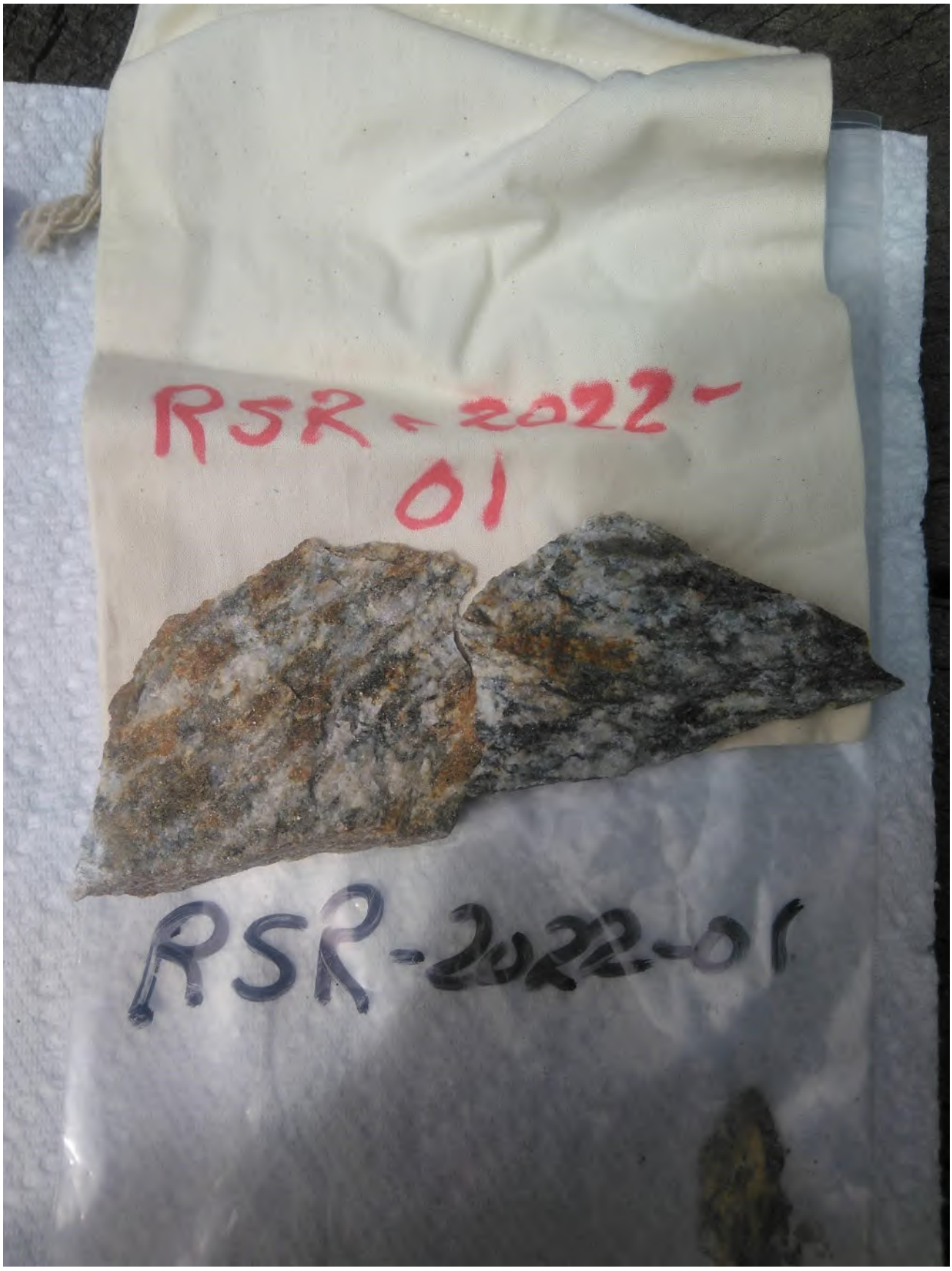
April 21, 2021:

October 19, 2021:

May 11, 2022:

Prepare assessment prospecting report, flat rate of $1,000.00. Total invoiced $

Samples - 2022

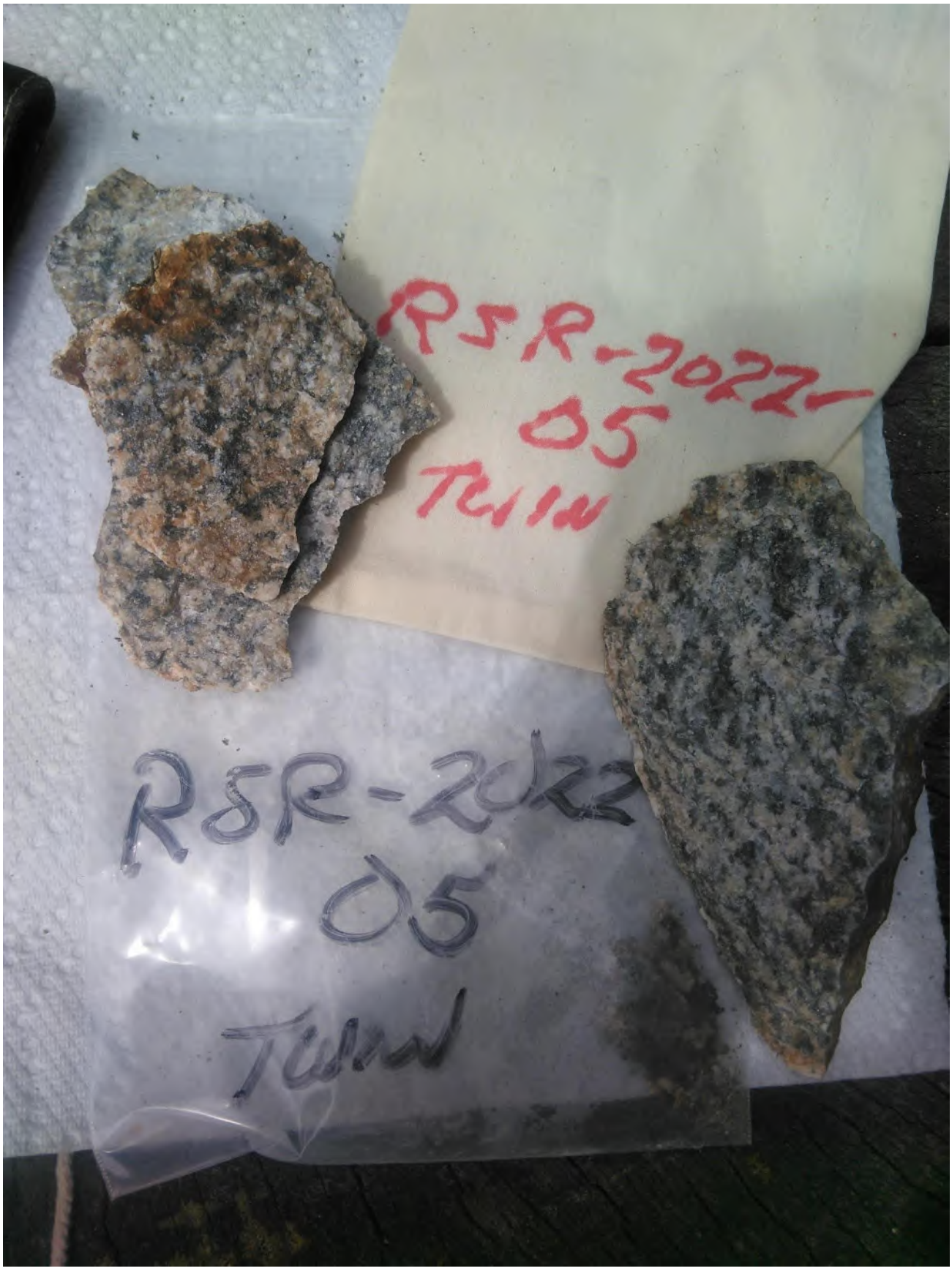

RSR-2022-
01
RSR-2022-01


RSR-2022
02


-R-2022-
03
RSR-2022-
03


RSR-2022-
03
RSR-2022-
03


RSR-2021-
04
RSR-2021-
04


RSR-2022-
05
TWN
RSR-2022
05
TWN


RSR-2022-
MAF-DIKE
RSR-2022-
MAF-DIKE

Assay Certificates

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

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL
160 BRYAN ROAD
NORTH BAY, ON P1C 1C2
705-472-3053

ATTENTION TO: Don Fudge,Marc Gaudreau

PROJECT:

AGAT WORK ORDER: 21T739004

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Jul 16, 2021

PAGES (INCLUDING COVER): 8

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

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Certificate of Analysis

AGAT WORK ORDER: 21T739004

PROJECT:

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

ATTENTION TO: Don Fudge,Marc Gaudreau

(200-) Sample Login Weight

DATE SAMPLED: Apr 28, 2021 | DATE RECEIVED: Apr 27, 2021 | DATE REPORTED: Jul 16, 2021 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
TUFF-1 (2401829)	1.19
TUFF-2 (2401830)	0.43
L1-SAMPLE-A (2401831)	0.24
L1-SAMPLE-B (2401832)	0.61
L1-SAMPLE-C (2401833)	0.24
L1-SAMPLE-D (2401834)	0.26
L1-SAMPLE-E (2401835)	0.23
L1-SAMPLE-C1 (2401836)	0.51
L1-SAMPLE-D1 (2401837)	0.65
L1-SAMPLE-E1 (2401838)	0.44
L2-SAMPLE-A (2401839)	0.37
L2-SAMPLE-B (2401840)	0.51
L2-SAMPLE-C (2401841)	0.59
L2-SAMPLE-D (2401842)	0.97

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 21T739004

PROJECT:

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

ATTENTION TO: Don Fudge,Marc Gaudreau

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Apr 28, 2021 | DATE RECEIVED: Apr 27, 2021 | DATE REPORTED: Jul 16, 2021 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample ID (AGAT ID) RDL:	0.001
TUFF-1 (2401829)	0.002
TUFF-2 (2401830)	0.006
L1-SAMPLE-A (2401831)	0.001
L1-SAMPLE-B (2401832)	0.002
L1-SAMPLE-C (2401833)	0.001
L1-SAMPLE-D (2401834)	0.005
L1-SAMPLE-E (2401835)	<0.001
L1-SAMPLE-C1 (2401836)	0.003
L1-SAMPLE-D1 (2401837)	<0.001
L1-SAMPLE-E1 (2401838)	<0.001
L2-SAMPLE-A (2401839)	0.001
L2-SAMPLE-B (2401840)	0.001
L2-SAMPLE-C (2401841)	0.001
L2-SAMPLE-D (2401842)	<0.001

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 21T739004

PROJECT:

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

ATTENTION TO: Don Fudge,Marc Gaudreau

Sieving - % Passing (Crushing)

DATE SAMPLED: Apr 28, 2021 | DATE RECEIVED: Apr 27, 2021 | DATE REPORTED: Jul 16, 2021 | SAMPLE TYPE: Rock

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
TUFF-1 (2401829)	77.55
L2-SAMPLE-D (2401842)	77.50

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 21T739004

PROJECT:

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

ATTENTION TO: Don Fudge,Marc Gaudreau

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Apr 28, 2021 | DATE RECEIVED: Apr 27, 2021 | DATE REPORTED: Jul 16, 2021 | SAMPLE TYPE: Rock

	Analyte:	Pass %
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
TUFF-1 (2401829)		85.00

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By: Sherin Moussa

AGAT Laboratories

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Quality Assurance - Replicate

AGAT WORK ORDER: 21T739004

PROJECT:

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

ATTENTION TO: Don Fudge,Marc Gaudreau

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	2401829	0.002	0.003		2401842	< 0.001	0.001									

AGAT Laboratories

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FAX (905)501-0589
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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21T739004

PROJECT:

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

ATTENTION TO: Don Fudge,Marc Gaudreau

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	CRM #1 (ref.GS5X)															
Parameter	Expect	Actual	Recovery	Limits												
Au	5.04	5.26	104%	90% - 110%												

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Method Summary

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

AGAT WORK ORDER: 21T739004

PROJECT:

ATTENTION TO: Don Fudge,Marc Gaudreau

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-12006, MIN-12004		ICP/OES
Pass %			BALANCE

AGAT Laboratories

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NORTH BAY, ON P1C 1C2
705-472-3053

ATTENTION TO: Marc Gaudreau

PROJECT:

AGAT WORK ORDER: 21T819606

SOLID ANALYSIS REVIEWED BY: Jeffrey Xiong, Lab Team Lead

DATE REPORTED: Feb 09, 2022

PAGES (INCLUDING COVER): 13

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

*Notes

Disclaimer:

- *All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.*
- *All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.*
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AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 21T819606

PROJECT:

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

ATTENTION TO: Marc Gaudreau

(200-) Sample Login Weight

DATE SAMPLED: Oct 21, 2021 | DATE RECEIVED: Oct 22, 2021 | DATE REPORTED: Feb 09, 2022 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.01
01-21 RSR (3117971)	0.54
02-21 RSR (3117972)	0.25
03-21 RSR (3117973)	0.39
04-21 RSR (3117974)	0.55
05-21 RSR (3117975)	0.43
06-21 RSR-M (3117976)	0.52

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 21T819606

PROJECT:

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

ATTENTION TO: Marc Gaudreau

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Oct 21, 2021 | DATE RECEIVED: Oct 22, 2021 | DATE REPORTED: Feb 09, 2022 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.01	5	20	0.5	5	0.1	0.05	0.2	0.1	0.5	0.005	0.1	5
01-21 RSR (3117971)	<1	7.04	5	<20	86.8	<5	0.5	5.02	<0.2	25.3	42.8	0.012	20.5	54
02-21 RSR (3117972)	<1	6.45	7	<20	107	<5	0.7	1.90	<0.2	19.8	26.7	0.022	4.3	60
03-21 RSR (3117973)	<1	11.7	<5	<20	210	16	0.3	2.15	<0.2	21.3	5.6	0.008	2.7	10
04-21 RSR (3117974)	<1	6.88	16	<20	336	<5	0.4	1.53	2.7	41.3	7.5	0.022	2.5	54
05-21 RSR (3117975)	<1	6.65	<5	<20	519	<5	0.4	1.02	<0.2	16.0	2.5	0.029	1.8	16
06-21 RSR-M (3117976)	1	7.51	102	<20	611	<5	0.2	1.41	0.3	35.1	3.9	0.022	1.6	<5

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.05	0.05	0.01	0.01	0.05	1	1	0.05	0.2	0.05	0.1	10	0.05
01-21 RSR (3117971)	6.75	4.62	1.51	11.5	25.8	6.56	2	4	1.56	<0.2	1.15	9.7	81	0.69
02-21 RSR (3117972)	5.71	3.10	1.06	7.05	32.6	5.65	2	4	1.12	<0.2	0.98	7.1	37	0.38
03-21 RSR (3117973)	4.97	2.54	0.67	2.47	41.5	5.54	2	10	0.84	<0.2	2.19	8.7	32	0.34
04-21 RSR (3117974)	2.27	1.69	0.70	1.53	16.8	2.65	2	4	0.45	<0.2	2.10	22.6	39	0.25
05-21 RSR (3117975)	1.51	1.10	0.32	1.44	17.9	1.36	<1	3	0.39	<0.2	2.67	7.7	21	0.18
06-21 RSR-M (3117976)	2.43	1.53	0.48	1.85	17.6	2.05	<1	4	0.48	<0.2	2.33	18.3	17	0.25

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
01-21 RSR (3117971)	2.92	2210	3	7	17.8	59	0.12	<5	3.52	155	0.46	0.2	38	22.4
02-21 RSR (3117972)	1.38	937	12	19	14.6	37	0.07	13	2.98	63.0	1.89	<0.1	22	28.5
03-21 RSR (3117973)	0.37	256	4	15	13.9	12	0.03	20	2.92	125	0.57	<0.1	7	27.9
04-21 RSR (3117974)	0.46	374	17	6	14.5	13	0.02	106	4.18	115	0.30	0.4	<5	33.4
05-21 RSR (3117975)	0.30	258	21	5	5.2	9	0.02	37	1.58	96.1	0.08	<0.1	<5	37.1
06-21 RSR-M (3117976)	0.43	413	15	6	11.6	11	0.02	14	3.43	84.7	0.02	0.3	<5	34.5

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Certificate of Analysis

AGAT WORK ORDER: 21T819606

PROJECT:

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

ATTENTION TO: Marc Gaudreau

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Oct 21, 2021 | DATE RECEIVED: Oct 22, 2021 | DATE REPORTED: Feb 09, 2022 | SAMPLE TYPE: Rock

Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
01-21 RSR (3117971)	4.6	6	95.6	0.6	1.19	1.1	1.17	1.2	0.68	0.42	291	2	39.4	4.4
02-21 RSR (3117972)	5.0	8	84.4	3.7	0.98	3.3	0.70	<0.5	0.45	1.91	134	3	29.7	3.1
03-21 RSR (3117973)	4.6	6	191	4.5	0.86	15.4	0.24	<0.5	0.32	6.44	35	2	24.8	2.4
04-21 RSR (3117974)	2.4	3	109	0.9	0.35	7.4	0.13	0.6	0.23	1.97	20	3	14.4	1.6
05-21 RSR (3117975)	1.1	2	118	0.7	0.25	4.8	0.11	<0.5	0.19	1.21	16	<1	9.6	1.3
06-21 RSR-M (3117976)	2.3	3	165	0.8	0.35	6.0	0.14	<0.5	0.25	1.29	20	<1	13.7	1.7

Analyte:	Zn	Zr
Unit:	ppm	ppm
Sample ID (AGAT ID) RDL:	5	0.5
01-21 RSR (3117971)	161	134
02-21 RSR (3117972)	92	89.8
03-21 RSR (3117973)	23	146
04-21 RSR (3117974)	603	121
05-21 RSR (3117975)	61	119
06-21 RSR-M (3117976)	48	128

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

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AGAT WORK ORDER: 21T819606
PROJECT:

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

ATTENTION TO: Marc Gaudreau

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 21, 2021 | DATE RECEIVED: Oct 22, 2021 | DATE REPORTED: Feb 09, 2022 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample ID (AGAT ID) RDL:	0.001
01-21 RSR (3117971)	0.001
02-21 RSR (3117972)	0.002
03-21 RSR (3117973)	0.002
04-21 RSR (3117974)	0.001
05-21 RSR (3117975)	<0.001
06-21 RSR-M (3117976)	2.82

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 21T819606

PROJECT:

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

ATTENTION TO: Marc Gaudreau

Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 21, 2021 | DATE RECEIVED: Oct 22, 2021 | DATE REPORTED: Feb 09, 2022 | SAMPLE TYPE: Rock

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
01-21 RSR (3117971)	78.06

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 21T819606

PROJECT:

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

ATTENTION TO: Marc Gaudreau

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Oct 21, 2021 | DATE RECEIVED: Oct 22, 2021 | DATE REPORTED: Feb 09, 2022 | SAMPLE TYPE: Rock

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.01
01-21 RSR (3117971)	89.09

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

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Quality Assurance - Replicate

AGAT WORK ORDER: 21T819606

PROJECT:

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

ATTENTION TO: Marc Gaudreau

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Ag	3117971	< 1	< 1	0.0%												
Al	3117971	7.04	7.36	4.4%												
As	3117971	5	6	18.2%												
B	3117971	<20	<20	0%												
Ba	3117971	86.8	88.3	1.8%												
Be	3117971	<5	<5	0%												
Bi	3117971	0.5	0.5	0.0%												
Ca	3117971	5.02	5.21	3.6%												
Cd	3117971	< 0.2	< 0.2	0.0%												
Ce	3117971	25.3	25.1	0.8%												
Co	3117971	42.8	43.3	1.2%												
Cr	3117971	0.012	0.010	15.2%												
Cs	3117971	20.5	21.5	4.8%												
Cu	3117971	54	55	2%												
Dy	3117971	6.75	7.11	5.2%												
Er	3117971	4.62	4.65	0.6%												
Eu	3117971	1.51	1.65	8.9%												
Fe	3117971	11.5	11.5	0%												
Ga	3117971	25.8	26.9	4.2%												
Gd	3117971	6.56	6.39	2.6%												
Ge	3117971	2	2	0.0%												
Hf	3117971	4	4	0.0%												
Ho	3117971	1.56	1.53	1.9%												
In	3117971	< 0.2	< 0.2	0.0%												
K	3117971	1.15	1.21	5%												
La	3117971	9.7	9.9	2.0%												
Li	3117971	81	81	0.6%												
Lu	3117971	0.69	0.74	7.0%												
Mg	3117971	2.92	3.07	5.1%												
Mn	3117971	2210	2300	4%												
Mo	3117971	3	< 2													

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Quality Assurance - Replicate

AGAT WORK ORDER: 21T819606

PROJECT:

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

ATTENTION TO: Marc Gaudreau

Nb	3117971	7	7	0.0%												
Nd	3117971	17.8	18.9	6.0%												
Ni	3117971	59	60	0.5%												
P	3117971	0.12	0.12	1.8%												
Pb	3117971	< 5	< 5	0.0%												
Pr	3117971	3.52	3.78	7.1%												
Rb	3117971	155	153	1.3%												
S	3117971	0.46	0.47	4.1%												
Sb	3117971	0.2	< 0.1													
Sc	3117971	38	39	2%												
Si	3117971	22.4	22.4	0.2%												
Sm	3117971	4.6	5.4	16.0%												
Sn	3117971	6	3													
Sr	3117971	95.6	101	5.5%												
Ta	3117971	0.6	0.5	18.2%												
Tb	3117971	1.19	1.14	4.3%												
Th	3117971	1.1	1.1	0.0%												
Ti	3117971	1.17	1.23	4.9%												
Tl	3117971	1.2	1.3	8.0%												
Tm	3117971	0.68	0.61	10.9%												
U	3117971	0.42	0.42	0.0%												
V	3117971	291	298	2.5%												
W	3117971	2	2	0.0%												
Y	3117971	39.4	41.9	6.2%												
Yb	3117971	4.43	4.48	1.1%												
Zn	3117971	161	156	3.2%												
Zr	3117971	134	138	2.9%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Au	3117971	0.002	0.002	0.0%												

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 21T819606

PROJECT:

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

ATTENTION TO: Marc Gaudreau

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

	CRM #1 (ref.GTS-2a)															
Parameter	Expect	Actual	Recovery	Limits												
Al	6.94	7.04	101%	80% - 120%												
Ca	4.01	4.11	102%	80% - 120%												
Cu	88.6	90.3	102%	80% - 120%												
Fe	7.56	7.94	105%	80% - 120%												
K	2.02	2.05	102%	80% - 120%												
Mg	2.41	2.49	103%	80% - 120%												
Mn	1510.0	1550	103%	80% - 120%												
Si	23.65	23.9	101%	80% - 120%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	CRM #1 (ref.GS7J)															
Parameter	Expect	Actual	Recovery	Limits												
Au	7.34	7.76	106%	90% - 110%												

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Method Summary

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

AGAT WORK ORDER: 21T819606

PROJECT:

ATTENTION TO: Marc Gaudreau

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Al	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
As	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
B	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ba	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Be	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Bi	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ca	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ce	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Co	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Cs	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Cu	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Dy	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Er	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Eu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Fe	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ga	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Gd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ge	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Hf	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ho	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
In	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
K	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
La	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Li	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES

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Method Summary

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

AGAT WORK ORDER: 21T819606

PROJECT:

ATTENTION TO: Marc Gaudreau

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Lu	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Mg	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Mo	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Nd	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ni	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
P	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Pb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Pr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Rb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
S	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sc	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Si	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Sm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sn	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Sr	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Ta	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Th	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Ti	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Tl	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Tm	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
U	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
V	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
W	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Y	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS

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

Method Summary

CLIENT NAME: FUDGE & ASSOCIATES INTERNATIONAL

AGAT WORK ORDER: 21T819606

PROJECT:

ATTENTION TO: Marc Gaudreau

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Yb	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Zn	MIN-200-12001/MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-OES
Zr	MIN-200-12049	Bozic, J et al. Analyst. 114: 1401-1403; 1989	ICP-MS
Au	MIN-12006, MIN-12004		ICP/OES
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

Work Order Number: 21T819606

Company

4568710 FUDGE & ASSOCIATES INTERNATIONAL

160 BRYAN ROAD

NORTH BAY ON P1C 1C2

Tel: 705-472-3053 Fax:

Contact

Contact Name: Marc Gaudreau

Tel: 705 472 3053

Fax:

Email: miningresults@agatlabs.com; canmap@cyberbeach.net

Other Information

PO:

AFE:

Project No:

Submission Date: 10/22/2021 9:15:08 AM

Effective Date: 10/22/2021 12:00:00 AM

Operations,analysis,materials included in work order

PRODUCT ID	DESCRIPTION	QUANTITY
200001	Dry <5kg crush to 75% passing 2 mm, split to 250-g and pulverize to 85% passing 75 um	6
200026	Weight (per sample) as received	6
200047	Administrative Processing Fee / Workorder	1
200220	Environmentally safe disposal of pulps	6
200221	Environmentally safe disposal of rejects	6
201378	Sodium Peroxide Fusion with ICP-OES and ICP-MS Finish (per sample)	6
202552	Au Fire Assay - ICP-OES (50g)	6

Sample Identification Information, Provided by client

Sample Id	Type Sample Date	Sample Description	Analysis Required	Other Information
3117971A	Rock Oct 21, 2021	01-21 RSR		
3117971A-DUP	Rock Oct 21, 2021	01-21 RSR		

Work Order Number: 21T819606

3117972A	Rock Oct 21, 2021	02-21 RSR
3117973A	Rock Oct 21, 2021	03-21 RSR
3117974A	Rock Oct 21, 2021	04-21 RSR
3117975A	Rock Oct 21, 2021	05-21 RSR
3117976A	Rock Oct 21, 2021	06-21 RSR-M

AGAT Laboratories LTD.
5623 McAdam Road
Mississauga, Ontario **L4Z 1N9**
Tel:(905) 501-9998
Fax:(905) 501-0589

INVOICE NO. 21831940M

Date: 20 Jul 2021

GST #: R100073238 **QST #: 1212241632** **Toronto lab**

Customer No	WorkOrder No	Branch	Customer P.O.	Division ID	Acct Code	District	Product
4568710	21T739004	T		10		33	

Date Received	Project No/Name	AFE
Apr 27, 2021		

Product ID	Product Description	Quantity	Surcharge	Unit Price	Extended Price
	RE:				
200-001	Dry <5kg crush to 75% passing 2 mm, split to 250-g and pulverize to 85% passing 75 um	14		$11.00	$154.00
200-026	Weight (per sample) as received	14		$0.75	$10.50
200-047	Administrative Processing Fee / Workorder	1		$40.00	$40.00
200-220	Environmentally safe disposal of pulps	14		$0.50	$7.00
200-221	Environmentally safe disposal of rejects	14		$0.80	$11.20
202-552	Au Fire Assay - ICP-OES (50g)	14		$21.25	$297.50

Continued On Next Page...

Corporate Office:
FUDGE & ASSOCIATES INTERNATIONAL
160 BRYAN ROAD
NORTH BAY ON P1C 1C2

Invoice To:
FUDGE & ASSOCIATES INTERNATIONAL
160 BRYAN ROAD
NORTH BAY ON P1C 1C2
Attn To: Don Fudge,Marc Gaudreau

AGAT Laboratories LTD.
5623 McAdam Road
Mississauga, Ontario L4Z 1N9
Tel:(905) 501-9998
Fax:(905) 501-0589

INVOICE NO. 21831940M

Date: 20 Jul 2021

GST #: R100073238 **QST #: 1212241632**

Toronto lab

Customer No	WorkOrder No	Branch	Customer P.O.	Division ID	Acct Code	District	Product
4568710	21T739004	T		10		33	

Date Received	Project No/Name	AFE
Apr 27, 2021		

Product ID	Product Description	Quantity	Surcharge	Unit Price	Extended Price

RE:

Subtotal:	$520.20
HST:	$67.63
Grand Total:	**$587.83**

* ********** *
* **Should you require any information regarding this analysis, please contact your Client Project Manager @ (905) 501-9998** *
* **We appreciate and welcome your feedback which can be provided by submitting a Client Review at http://www.agatlabs.com/resources/client-forms.cfm** *
* ********** *

Terms: NET 30 DAYS. INTEREST CHARGED ON OVERDUE ACCOUNT AT THE RATE OF 2% PER MONTH (24% PER ANNUM)

By choosing AGAT you've limited your waste disposal liability. We assure our clients that we are committed to safe, clean, and legal sample disposal protocols.We dispose of samples according to federal and provincial environmental regulations.

Statement of Costs
Banting Twp Claim Group

Date	Item	Cost	
	Prospecting - Gino Chitironi & Marc		
April 21, 2021	Gaudreau @ $350 Day	$	700.00
April 27 2021	Prospecting Marc Gaudreau	$	350.00
Oct 19 2022	Prospecting Marc Gaudreau & Don Fudge	$	700.00
	Mileage Gino Chittiront Cobalt to Property		
April 21 2021	& return 74 km @ $0.61	$	45.14
	Mileage Marc Gaudreau Hanmer to property		
April 27 2021	& return 208 km @ $0.61	$	126.88
	Marc Gaudreau mileage Hanmer to North		
May 11, 2022	Bay return 288.km @ $0.61	$	175.60
	M Gaudreau & Don Fudge by Truck to		
May 11, 2021	Property & return 254 km	$	154.44
	Sample Prep and deliver to Lab (Hanmer to		
May 2021 to Nov 2022	Aggat Lab Sudbury 3 trips @ 50 Km	$	150.00
May 2021 to Novf 2022	Aggat Lab 27 assays @l $50 each (recipt lost)	$	520.20
December 1, 2022	Report of Work	$	1,000.00
	Marc Gaudreau Mileage Hanmer to		
April 27, 2021	Propdery 208 km @ $ 0.61	$	126.88
Total		**$**	**4,049.14**