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**2021 GEOLOGICAL ASSESMENT REPORT
ON THE
CLEMENT PROPERTY**

CLEMENT AND MACBETH TOWNSHIPS
SUDBURY MINING DIVISION, ONTARIO, CANADA

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EXECUTIVE SUMMARY

This is a technical report for assessment purposes on the 2021 reconnaissance geological mapping, prospecting and sampling program on the Clement property in Clement and MacBeth Townships. All work was performed by Randy Stewart, BSc and Brian Wright, technologist.

The Clement property is located 130 km northeast of Sudbury, Ontario within Clement and MacBeth Townships in the Sudbury Mining Division. The property is bounded by UTM NAD83 coordinates 17U 550434E to 555243E and 5188816N to 5185595N. The property consists of 32 contiguous unpatented mining claims containing 8 boundary, 13 single cell and 11 multicell claims.

In the summer of 2021, a program of reconnaissance geological mapping, prospecting and sampling was completed on the Clement property. 45 grab samples were collected and sent to AGAT Labs. The 43-day program commenced on May 10th and was completed by November 16th, 2021.

The objectives of the 2021 program were to:

- Map and prospect the newest acquired claims.
- Map and prospect anomalies from the recently acquired 2020 OGS Airborne Magnetic Gradiometer Survey maps.
- Define, map and prospect the magnetic trace of the main iron formation.
- Re-map and re-interpret and the main road outcrops.
- Map and prospect the Nichol B showing with a historical assay of 0.28 oz./t Au in siliceous iron formation.
- Re-map and sample outcrops of interest from previous programs.

The 2021 program was successful in:

- A better understanding of the volcanic stratigraphy and in this the development of a more refined geological legend.
- The recognition of the sulphide facies of the main iron formation (carbonaceous /graphitic argillite).
- The discovery of unknown historical pits and trenches in the vicinity of the Nichol B showing and along the trend of the main iron formation.
- The recognition of a fault adjacent to the geochemical anomalous P-1 drill hole area.
- Obtaining significant anomalous geochemistry from several different areas including a grab sample that returned 0.599 ppm Au.

Recommendations are presented for future work based on the 2021 program. Recommendations are also presented based on all previous programs completed on the Clement Property.

1.0 INTRODUCTION

The Clement property is located 130 km northeast of Sudbury, Ontario within Clement and MacBeth townships in the Sudbury Mining Division. The property is bounded by UTM NAD83 coordinates 17U 550434E to 555243E and 5188816N to 5185595N. The property consists of 32 contiguous unpatented mining claims containing 8 boundary, 13 single cell and 11 multicell claims.

From May 10th to November 16th, 2021, a 43-day program of reconnaissance geological mapping, prospecting and sampling was completed on the Clement property. This work forms the basis of this report.

2.0 PROPERTY DETAILS

2.1 Location and Access

The property is located 130 km northeast of Sudbury, Ontario within Clement and MacBeth Townships in the Sudbury Mining Division (Figure 1). The property is bounded by UTM NAD83 coordinates 17U 550434E to 555243E and 5188816N to 5185595N.

Excellent year-round access to the property is provided by Highway 17 East from Sudbury to the town of Warren and then north onto highways 539, 539a and 805.

A full range of services and supplies are provided in the city of Sudbury located 130 km to the southwest. Local accommodations can be found at lodges located along Highway 805.

2.2 Topography and Vegetation

The local terrain is typical of the Precambrian Shield, with low rolling hills and marshy areas. Vegetation on higher ground consists of a variety of hardwoods such as poplar and birch, with coniferous trees that include spruce, balsam and pine. In the lower ground, typically more wet in character, black spruce, tamarack, alder and cedar predominate. Water for exploration purposes is available from beaver ponds, marshes, small streams and lakes. Snowfall generally begins in November and extends into late March, early April. Lakes are usually passable with adequate ice thickness from late December through to late March. Between 50 and 100



Figure 1: Location of the Clement Property in Ontario, Canada

mm of monthly rainfall is normal from April to October. The mean temperature is -13°C in January and 19°C in July.

2.3 Claims

The property is located 130 km northeast of Sudbury, Ontario within Clement and MacBeth Townships in the Sudbury Mining Division. The property is bounded by UTM NAD83 coordinates 17U 550434E to 555243E and 5188816N to 5185595N. The property consists of 32 contiguous unpatented mining claims containing 8 boundary, 13 single cell and 11 multicell claims. (Table 1, Figure 2). The claims are held by Brian James Wright (60%), client number 210254 and Randy Irwin Stewart (40%), client number 408174.

Table 1: Claim Summary of the Clement Property.

<i>Claim No</i>	<i>Due Date</i>	<i>Type</i>	<i>Cells</i>	<i>Township</i>	<i>Required</i>	<i>Applied</i>	<i>Banked</i>
204229	May 12/2022	1 Cell	41I16F386	MacBeth	172	428	0
128078	May 12/2022	1 Cell	41I16F387	MacBeth	200	400	0
314834	May 12/2022	1 Cell	41I16F388	MacBeth	200	400	0
174161	May 12/2022	1 Cell	41I16F389	MacBeth	200	400	0
245434	June 30/2022	1 Cell	41I16F390	MacBeth	200	400	0
342965	June 30/2022	1 Cell	41I16F370	MacBeth	200	400	0
136237	June 30/2022	Boundary	41I16F350	MacBeth	200	400	0
188221	June 30/2022	Boundary	41I16F351	MacBeth	200	400	0
107788	June 30/2022	Boundary	41I16F331	MacBeth	200	400	0
304207	June 30/2022	Boundary	41I16F330	MacBeth	200	400	0
124731	June 30/2022	1 Cell	41I16F310	MacBeth	200	400	0
185478	June 30/2022	Boundary	41I16C053	MacBeth	200	400	131
281341	June 30/2022	Boundary	41I16C054	MacBeth and Clement	200	400	0
122033	June 30/2022	Boundary	41I16C056	Clement	200	400	0
233340	June 30/2022	Boundary	41I16C055	Clement	200	600	0
546080	May 12/2022	3 Cell	41I16C006 41I16C007 41I16C008	MacBeth	1200	2400	149
546027	May 12/2022	5 Cell	41I16C009 41I16C010 41I16C011 41I16F371 41I16F391	MacBeth	2000	4000	0
546028	May 12/2022	6 Cell	41I16C026 41I16C027 41I16C028 41I16C046 41I16C047 41I16C048	MacBeth	2400	4800	0
546081	May 12/2022	2 Cell	41I16C029 41I16C049	MacBeth	800	1600	0
546082	June 30/2022	4 Cell	41I16C030 41I16C031 41I16C050 41I16F351	MacBeth	1600	4800	2110

<i>Claim No</i>	<i>Due Date</i>	<i>Type</i>	<i>Cells</i>	<i>Township</i>	<i>Required</i>	<i>Applied</i>	<i>Banked</i>
546024	June 30/2022	7 Cell	41I16F311 41I16F312 41I16F313 41I16F314 41I16F332 41I16F333 41I16F334	MacBeth and Clement	2800	8400	0
546026	June 30/2022	12 Cell	41I16C012 41I16C013 41I16C014 41I16F352 41I16F353 41I16F354 41I16F372 41I16F373 41I16F374 41I16F392 41I16F393 41I16F394	MacBeth and Clement	4800	14400	0
545942	June 30/2022	4 Cell	41I16F355 41I16F356 41I16F375 41I16F376	Clement	1200	3600	0
545943	June 30/2022	4 Cell	41I16C015 41I16C016 41I16F395 41I16F396	Clement	1600	4800	0
546025	June 30/2022	4 Cell	41I16C032 41I16C033 41I16C034 41I16C052	MacBeth and Clement	1600	4800	0
546083	June 30/2022	2 Cell	41I16C035 41I16C036	Clement	800	2400	0
601268	July 28/2022	1 Cell	41I16F369	MacBeth	400	0	0
601269	July 28/2022	1 Cell	41I16F366	MacBeth	400	0	0
601270	July 28/2022	1 Cell	41I16F368	MacBeth	400	0	0
601271	July 28/2022	1 Cell	41I16F367	MacBeth	400	0	0
605894	Aug 08/2022	1 Cell	41I16F349	MacBeth	400	0	0
605895	Aug 08/2022	1 Cell	41I16F348	MacBeth	400	0	0
				Totals	26172		

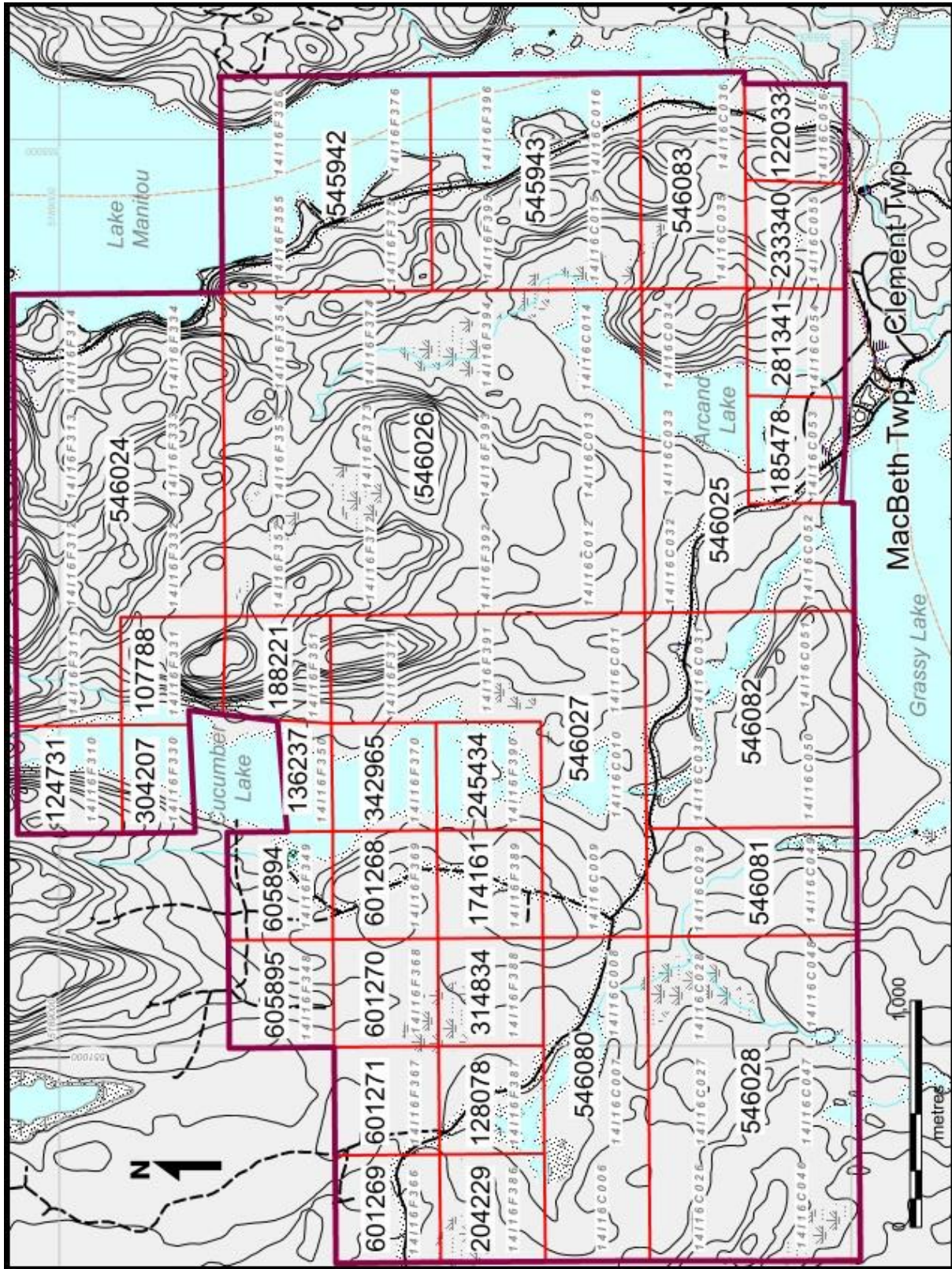


Figure 2: Tenure of the Clement Property, MacBeth and Clement Townships, Ontario.

3.0 PREVIOUS WORK

Since the late 1800's there has been mineral exploration in the area for gold, silver, copper and iron. The earliest known geological map of the area is by A.E. Barlow entitled "Maps of Parts of the Districts of Nipissing and Algoma" published by the Ontario Bureau of Mines in 1891. Barlow mapped the region around Lake Temagami and covered Scholes, Clement and the eastern half of Afton and MacBeth Townships (Meyn, 1977).

1897: Gold was first discovered in weathered iron formation on the northern-most peninsula of Emerald Lake in Afton Township.

1900: J.L.R. Parsons reported gold in quartz on Emerald Lake.

1901: Miller visited the gold occurrence on Emerald Lake. He stated that several pits were blasted in quartz veins. Cubic pyrite was noted in the quartz veins that were hosted in Jaspilite (jasper iron formation). He also visited a 5-foot quartz vein (dipping 35 degrees south) east of the shore of Arcand Lake. He mentioned that this was then known as the Turcotte mine (now known as the Adit Quartz Vein at 554238E, 5186273N) (Photo 1).

1915-1916: The Golden Rose Mining Company constructed a mill and sunk a 9 m deep shaft on the Emerald Lake gold discovery.

1927: Afton Mines Limited deepened the Golden Rose shaft to 30 m and did crosscutting and drifting. Diamond drilling was also reported.

1934-1941: New Golden Rose Mines Limited and The Consolidated Mining and Smelting Company of Canada Limited (Cominco) carried out extensive surface and underground exploration and development on the Golden Rose /New Golden Rose Mine and produced a total of 45,360 ounces of gold and 8,296 ounces of silver from 144,237 tons milled for a recovery grade of 0.31 oz./t Au. Gold is present in pyrite within quartz-carbonate (ankerite) veins in Archean magnetite-chert (jasper) iron formation (Meyn,1977).

1937: Walsh completed geological work on an old adit (possibly circa 1907) (Photo 1) east of Arcand Lake. The adit was driven on a flat 6-foot-thick quartz vein that was traced for 800 feet along a steep cliff face. There is mention of patchy chalcopyrite mineralization with chip samples returning very low values. This adit was previously known as the Turcotte mine mentioned by Miller, 1901. There is no record of the actual adit work.

1958 – 1959: W.H. Nichol optioned his seventeen claims to Little Long Lac Gold Mines Ltd. The claims were located on the eastern side of Cucumber Lake, on the eastern side of Arcand Lake and on Lake Manitou just east of the northern tip of Arcand Lake. Eight trenches and five diamond drill holes (210 feet) tested a quartz vein over a 210-foot strike length (the Nichol A showing) hosted in porphyritic andesite on the shore of Cucumber Lake. One trench sample returned 1.76 oz./t Au. This showing is now located on the present Anderson boundary claims 108367, 239481, 306805 and 345027 adjacent to the Clement property. The iron formation to the east of Arcand Lake was tested by five diamond drill holes totaling 1007 feet. An 82-foot hole, drilled south to north, also tested the iron formation but the exact location is not known. At the Nichol B showing, trenching in iron formation was performed between the beaver dam at the southern tip of Cucumber Lake and the beaver pond just to the south. A sample of siliceous iron formation returned 0.28 oz./t Au. At the C showing near the south-eastern corner of Arcand Lake a program of trenching and two diamond drill holes (W-E) totaling 750 feet was performed. Hole 2 returned a “6-inch section at depth of eighty feet; containing chalcopyrite and pyrrhotite of commercial grade” in Nipissing gabbro. Two holes were drilled close to the western shore of Lake Manitou totaling 685 feet testing the Nipissing/Gowganda contact. These holes encountered localized chalcopyrite and pyrrhotite mineralization but returned no significant values.

1968: Kennco Explorations (Canada) Ltd. performed airborne magnetic and electromagnetic surveys over the southwest corner of Clement Township and the southern third of Macbeth Township in search for copper in the Nipissing gabbro. No follow-up work was reported.



Photo 1: Historical Adit (Location 554238E, 5186273N)

1974-1976: Pelican Mines Ltd. performed geological mapping, ground magnetics and EM surveys and four diamond drill holes totaling 1403 feet. The drilling concentrated on the main iron formation and returned no significant values. The surveys were performed between the creek running out of the southern tip of Cucumber Lake and extending to the western edge of Arcand Lake. A grab sample from a large piece of quartz float and underlain by a large olivine diabase dike returned 0.15 oz./t Au (located on claim 546082 at approximately 552411E, 5185922N).

1975: M. Green and Associates Ltd. (Hames, C.M.) performed a ground magnetic survey encompassing Arcand Lake to the western shore of Lake Manitou. The magnetic survey outlined the iron formation previously recognized by Nichol at the south shore in the northern bend of Arcand Lake. The magnetic survey also outlined a mafic dike in the middle of the southern portion of the claim group and corresponds to an outcrop mapped by Meyn in 1977. Also, a quartz vein and trenching were noted on the large hill just east of Arcand Lake (most likely the Adit Quartz Vein).

1977: H.D. Meyn of the OGS mapped the townships of Afton, Scholes, Macbeth and Clement Townships.

1976 -1995: Temagami Land Caution, no work performed.

1996: Brian Wright, in the staking rush that followed the lifting of the Temagami Land Caution, staked the first claims that would become the present-day Clement property.

1998: Nipissing Exploration Services Limited cut 22.6 km of grid lines and performed a ground magnetic survey over claims that mirrored M. Green and Associates Ltd. Arcand Lake claims. The survey outlined the previously known iron formation and a NE trending mafic dike. Just south of the iron formation prospecting uncovered pits of mineralized quartz veining. Anomalous gold values were mentioned but no assays were reported.

1998: Temex Resources performed a ground magnetic and VLF-EM survey on the southwestern corner of the Clement property. The survey outlined two northwest trending diabase dikes.

1998-2000: Steve and Ted Anderson performed work on their claims surrounding Cucumber Lake including the quartz vein of the Nichol A showing (present claim 306805). The work performed was a ground magnetic and VLF survey and sampling of the old Nichol A showing trenches. This sampling returned 23.45 g/t Au in quartz and anomalous values in the host metavolcanics. The magnetic survey outlined a north-west trending diabase dike.

2008: GoldTrain Resources/ GoldWright Explorations Inc. (Brian Wright option) completed 13 kms of line cutting, ground magnetic and VLF surveys, and geological mapping around the northern tip of Arcand Lake. A total of 28 samples were assayed for gold however no significant results were obtained.

2010: GoldTrain Resources contracted Geotech Ltd. to carry out a helicopter-borne VTEM and aeromagnetic survey over the Clement property. Several significant VTEM anomalies and magnetic signatures were identified. An EMIT Maxwell Plate Modelling of selected VTEM anomalies outlined 3 areas of interest. Between March 23 and March 26, 2010, GoldTrain undertook a mechanical bedrock stripping, sampling and geological mapping program of the C anomaly area. Huronian cover rocks impeded any explanation of the anomaly. Between May and July 2010, a 35-day reconnaissance geological mapping and sampling program was also undertaken. A total of 28 grab and 19 channel samples were collected. No significant values were returned.

2011: GoldTrain Resources completed five diamond drill holes totaling 564.5 m on several of the VTEM conductors modelled by Geotech Ltd. Holes CL11-01 and CL11-02 intersected disseminated and stringer sulphide mineralization consisting of pyrite, pyrrhotite, and chalcopyrite. Hole CL11-03 outlined a newly discovered gold zone in intermediate to felsic volcanics. The gold is contained within an alteration envelope with quartz, carbonate and albite veining and semi-massive sulphide mineralization (0.4 g/t over 9 m including 2.95 g/t over 0.5 m and 1.06 g/t over 0.5 m). Holes CL11-04 and CL11-05 outlined a sulphide mineralized alteration envelope containing massive sulphide and chert horizons with locally anomalous Cu, Zn, Au and Ag (Massive Sulphide Zone).

2014: Randy Stewart and Brian Wright completed reconnaissance geological mapping and prospecting. The program outlined a previously unrecognized major N-S structure following the trend of Arcand Lake. Mapping concentrated on alteration, mineralization of select VTEM target locations. The most notable was a rusty 80cm wide quartz vein with 0.5% disseminated sulphides (The Quartz Vein Showing). The vein is hosted within a gossanous and siliceous intermediate to felsic metavolcanic (locally feldspar porphyritic) with 1-2% blebby, finely disseminated and

fracture filling sulphides. The vein has a 345-degree strike and a vertical dip. Also, of note was sulphide mineralization in a mafic dike now known as the Ditch Sulphide Showing.

2015: Randy Stewart and Brian Wright completed a reconnaissance geological mapping and prospecting program. The program increased the understanding of the volcanic stratigraphy by the recognition of volcanic breccia. It outlined a NE-SW trending mafic dike on claims 546083, 233340 and 281341, aided by historical geophysical surveys and one outcrop on Meyn's 1977 map. Reexamined the Quartz Vein Showing of 2014 and although it is smaller in scale it bears a striking resemblance to the Anderson/ Nichol A showing (trench sample of 23.45 g/t Au) on the shore of Cucumber Lake.

2016: Trelawney Mining and Exploration/ IAM Gold completed a 2-day re-logging and sampling program of diamond drill hole CL11-03. This program was unsuccessful in locating any new gold zones.

2017: Randy Stewart and Brian Wright completed a program of 10.45 kms of line cutting and geological mapping. The program delineated a possible eastern surficial expression of the gold zone alteration and mineralization envelope outlined in diamond drill hole CL11-03. The outcrop (554135E and 5186939N) is an altered intermediate tuff with 1-2% disseminated and stringer pyrrhotite and pyrite. The program has also identified a historic adit (Turcotte Mine) at 554238E, 5186273N blasted into a large quartz vein hosted in sheared Nipissing Gabbro. The vein is 1.3m thick and strikes at 120 degrees and dips at 30 degrees.

2019: Randy Stewart and Brian Wright completed a 38-day reconnaissance geological mapping and prospecting program. The program was successful in partially defining the aerial extent of the sulphide mineralized alteration envelope of the "Massive Sulphide Zone" and within this envelope the identification of an altered and sulphide mineralized feldspar porphyritic mafic intrusion. The program also recognized a lamprophyre dike with implications for associated major structures and gold mineralization.

2020: Randy Stewart completed a 10-day ground electromagnetic BeepMat survey program. The program was successful in the discovery of an altered and sulphide mineralized felsic volcanic rock now referred to as the Cairn Sulphide Showing (554012E, 5187053N).

4.0 GEOLOGY

4.1 Regional Geology

The Clement property is located within the south-western extension of the Temagami greenstone belt part of the Western Abitibi Sub province (Figure 3). The greenstone belt is an Archean window within the Cobalt embayment of the Southern Province (Jackson and Fyon, 1991). The Cobalt Group is part of the Proterozoic Huronian Supergroup.

The area is underlain by a sequence of Early Precambrian metavolcanic and metasedimentary rocks locally interbedded with Algoma-type iron formation. The iron formation has been traced in outcrop and historical diamond drilling from the southern portion of claim 174161 to just east of Arcand Lake where it becomes covered by Nipissing gabbro. Airborne magnetic surveys suggest the iron formation continues to the east and is coincident with the iron formation in Vogt Township. Iron formation is spatially and temporally associated with several world class massive sulphide deposits and gold deposits. The metavolcanic and metasedimentary sequence has been classified as the Porcupine Assemblage (2690-2685 Ma +/- 5 Ma) from age dating by Ayer et al., 2006.

The Porcupine Assemblage is overlain unconformably by Early Proterozoic Huronian Supergroup sedimentary rocks of the Gowganda Formation. The Huronian Supergroup was deposited between 2.45 and 2.22 Ga, and reflects the initiation and development of a continental margin from an early transform margin (marked by left-lateral strike-slip activity), to a passive margin, facing a newly formed Paleoproterozoic Ocean (Long, 2009). The Gowganda Formation is characterized by a heterogeneous sequence of framework and matrix supported conglomerate (including diamictites), sandstone, siltstone and mudstone with marked vertical and lateral facies changes. Regionally, matrix-supported conglomerates and laminated mudstones with drop stones are more abundant at the base of the sequence (Long, 2009). The

conglomerate units have been interpreted as being glaciogenic in origin (e.g., Junnila and Young 1995, Fralick and Miall 1989), likely deposited in a marine environment adjacent to an ice shelf.

The Nipissing gabbro (*after Jobin-Bevans, 2009*), controlled by pre-existing structures (Choudhry, 1984), intrudes the supracrustal rocks of the Huronian Supergroup, as well as the underlying Archean granite-greenstone basement rocks. U-Pb geochronology has yielded crystallization ages of approximately 2200 Ma (2219 Ma: Corfu and Andrews, 1986), (2212 Ma: Conrod, 1989), (2210 Ma: Noble and Lightfoot, 1992). Most of the Nipissing gabbro intrusions are less than 1000 m thick and occur as horizontal sheets, as undulating sills (basins and arches), as subvertical dikes (Hriskevich, 1968; Jambor, 1971; Conrod, 1988 and 1989) and as arcuate and open-ring exposures or cone sheets (Buchan et al., 1989). The cone sheets are

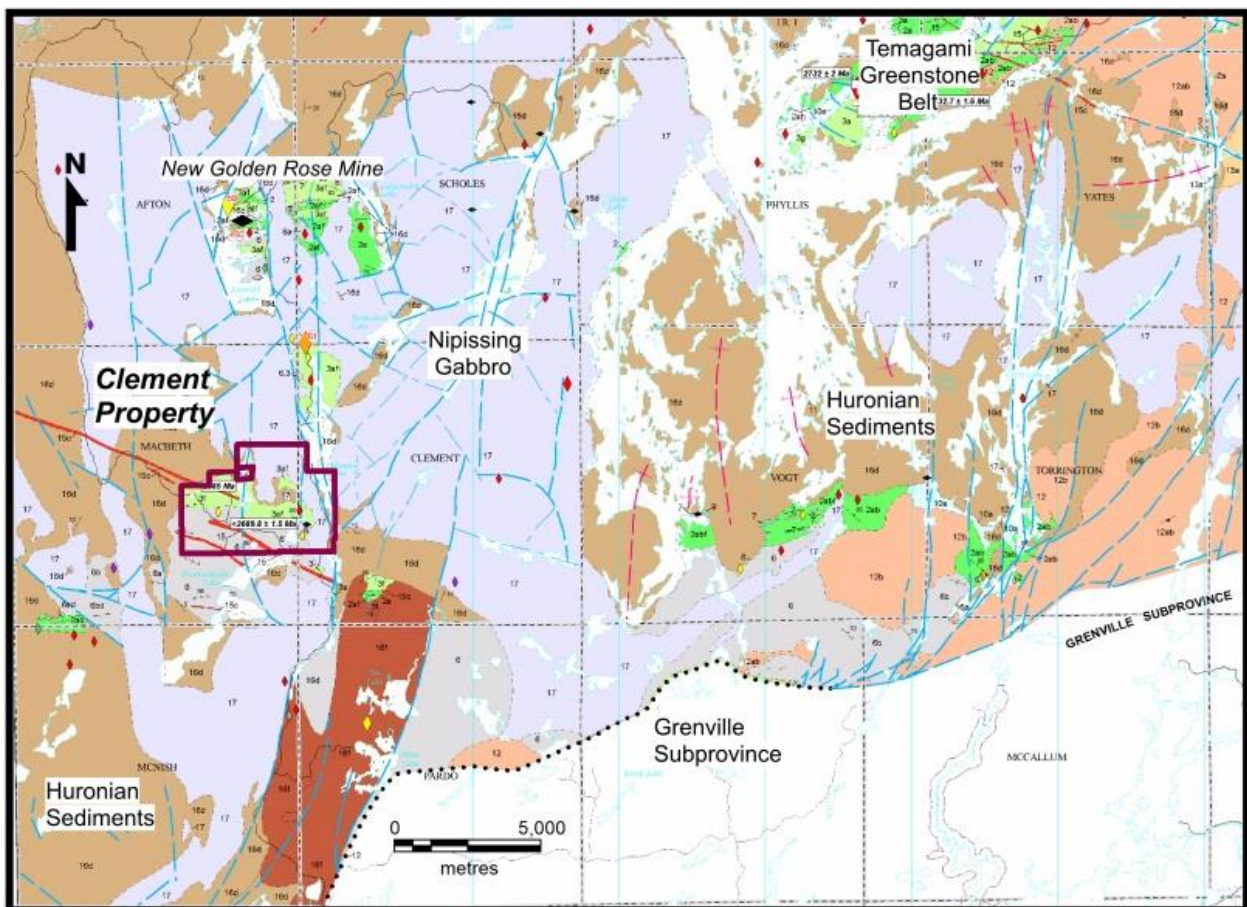


Figure 3: Regional Geology (*after Ayer et al., 2006*)

distinguished by structural features in surrounding sedimentary rocks that suggest the gabbro intrusions were emplaced as shallow ($< 50^\circ$), inward-dipping, cone-shaped bodies that are tens of metres to several hundred metres thick (Jambor, 1971; Lovell and Caine, 1970; Jobin-Bevans et al., 1998). Another type of intrusion, the lopolithic-like form (i.e., saucer-shaped), is rare and is interpreted to represent deeper “feeder” systems to the stratigraphically higher sill, dike and cone-sheet type of intrusions.

These deeper exposures, which are fault bound on a regional scale, are thought to have been exposed through uplift along the bounding fault lines (Dressler, 1979; Innes and Colvine, 1984; Jobin-Bevans et al., 1998). The intrusions are dominantly tholeiitic and sub-alkalic, with evolved rock types and differentiated intrusions trending toward calc-alkalic affinities (Lightfoot and Naldrett, 1996). Based on geochemical characteristics and outcrop patterns, the Nipissing Gabbro represents the intrusive portion of an eroded continental flood basalt. Magmas apparently cut through Archean basement rocks and sedimentary rocks of the Huronian Supergroup as dikes, then spread laterally through the Huronian rocks as sills (Lightfoot et al., 1986 and 1987; Lightfoot and Naldrett, 1996).

The youngest rocks in the area are late olivine diabase and diabase dikes (Sudbury dike swarm 1238 +/- 4 Ma) following NW-SE structures and late mafic dikes following NE-SW structures, possibly part of the Preissac Dike Swarm (2150 Ma) (Osmani, 1991).

Several major structural trends are defined by north-south trending faults that include the Cucumber Lake Fault, Manitou Lake Faults (Meyn, 1977), Arcand Lake Faults, the recently named Brian’s Fault and the newly mapped fault at the P-1 drill hole area. Also, many of the Nipissing gabbro contacts are fault bounded. Of note, the property lies on the southern edge of the Temagami (Wanapetei) magnetic anomaly that represents a mirror image of the prolific Sudbury structure (Kawohl et. al, 2017).

4.2 Property Geology

The entire Archean metavolcanic/metasedimentary sequence of rocks on the property has an approximate trend of 275 to 280 degrees and a dip of 70 to 75 degrees northward. The rocks that have received the most attention from early workers is an E-W trending band of Archean, Algoma-type, oxide, silicate and sulphide facies iron formation occurring in the centre of the property (Figure 4). The intermittent beds of iron formation have been traced in outcrop and historical diamond drilling from the southern portion of claim 174161 to just east of Arcand Lake where it becomes covered by Nipissing gabbro. The iron formation is a banded sequence of chert, magnetite and actinolite (Photo 2 and Photo 3) interbedded and intimately associated with black aphanitic massive to banded carbonaceous (graphitic) argillite. The argillite is locally sulphide (pyrrhotite, pyrite and trace chalcopyrite) mineralized (Stringer Sulphide Pits) with localized bands of massive magnetite and represents the sulphide facies of the iron formation. The main iron formation shows intense ductile deformation and localized brittle fracturing. Also, small bands of chert-magnetite-actinolite iron formation with localized pyrite, pyrrhotite and trace chalcopyrite, quite recognizable in GoldTrain's airborne magnetic survey, has been mapped west of the outcrop stripping performed by GoldTrain and to the east of diamond drill hole CL11-03 on claim 546026. The main iron formation is found at the contact between felsic to intermediate metavolcanics to the north and metasediments to the south. The iron formation represents a quiescent period in volcanic activity and clastic accumulation. (Schnieders, 1987).

The felsic to intermediate metavolcanics have been age dated at 2685 Ma by Ayer (1986). The rocks consist mostly of lapilli tuffs, volcanic (tuff/pyroclastic) breccia (Photo 4), tuffs, localized crystal ash tuff (Photo 5), localized massive flows and possible flow breccias. The rocks are locally feldspar and quartz porphyritic. The lapilli tuffs are dominated by lapilli fragments of 2 mm to 64 mm. The tuff breccia contains 25% to 75% blocks and bombs (>64mm). The pyroclastic breccia contains >75% bombs. These two were difficult to differentiated between in the field and are group together as volcanic breccia.

The southern portion of the property is underlain by thick sequence of Archean metasediments consisting predominately of interbedded and locally laminated greywacke, arkose (Photo 6), arkosic wacke and conglomerate. Ayer (1986) has age dated these at 2689 +/- 1.5 Ma.

An altered and sulphide mineralized mafic feldspar porphyritic intrusion has been mapped in the area known the Massive Sulphide Zone (Figure 4). The intrusion is most likely related to the Nipissing gabbro suit. A lamprophyre dike has been traced for over 150 m in several outcrop exposures (Figure 4). The dike is dense, medium grained, green black with 1-2 mm biotite crystals in a mafic groundmass.

The Archean rock sequence is unconformably overlain by flat lying metasedimentary rocks of the Huronian Gowganda Formation. The Formation consist of conglomerate, arkose/quartzite and greywacke/lithic wacke. The conglomerate is matrix supported and composed of sub-rounded to angular pebbles, cobbles and minor boulders set in a fine to medium grained greywacke/lithic wacke. The clasts consist predominately of granitic rocks with lessor amounts of metasediments and metavolcanics. The greywacke/lithic wacke is feldspathic and forms interbeds in and is gradational to the conglomerate. The conglomerate and greywacke/lithic wacke can be difficult to distinguish between in limited outcrop exposure areas. The Archean and Huronian rocks are intruded by sheet like sills of Nipissing gabbro. The Nipissing gabbro rocks are massive, medium grained, dark greenish grey, finer grained near the margins with localized pegmatitic phases. The Nipissing gabbro are in sharp contact with the Gowganda Formation rocks with a contact zone ranging from 3 to 7.5 m wide in which the two rock types are indistinguishably fine grained and black (Meyn, 1977). The gabbro follows the bedding in the Gowganda Formation and is seldom disturbed; disturbance where it occurs, extends only over a distance of 1 to 3 m from the contact. Recrystallization of the sedimentary rocks and contamination of the Nipissing gabbro does take place (Meyn, 1977). In field mapping a brecciated contact was observed at 554166E, 5186171N. Mapping has also outlined fault bounded contacts of the Nipissing gabbro.

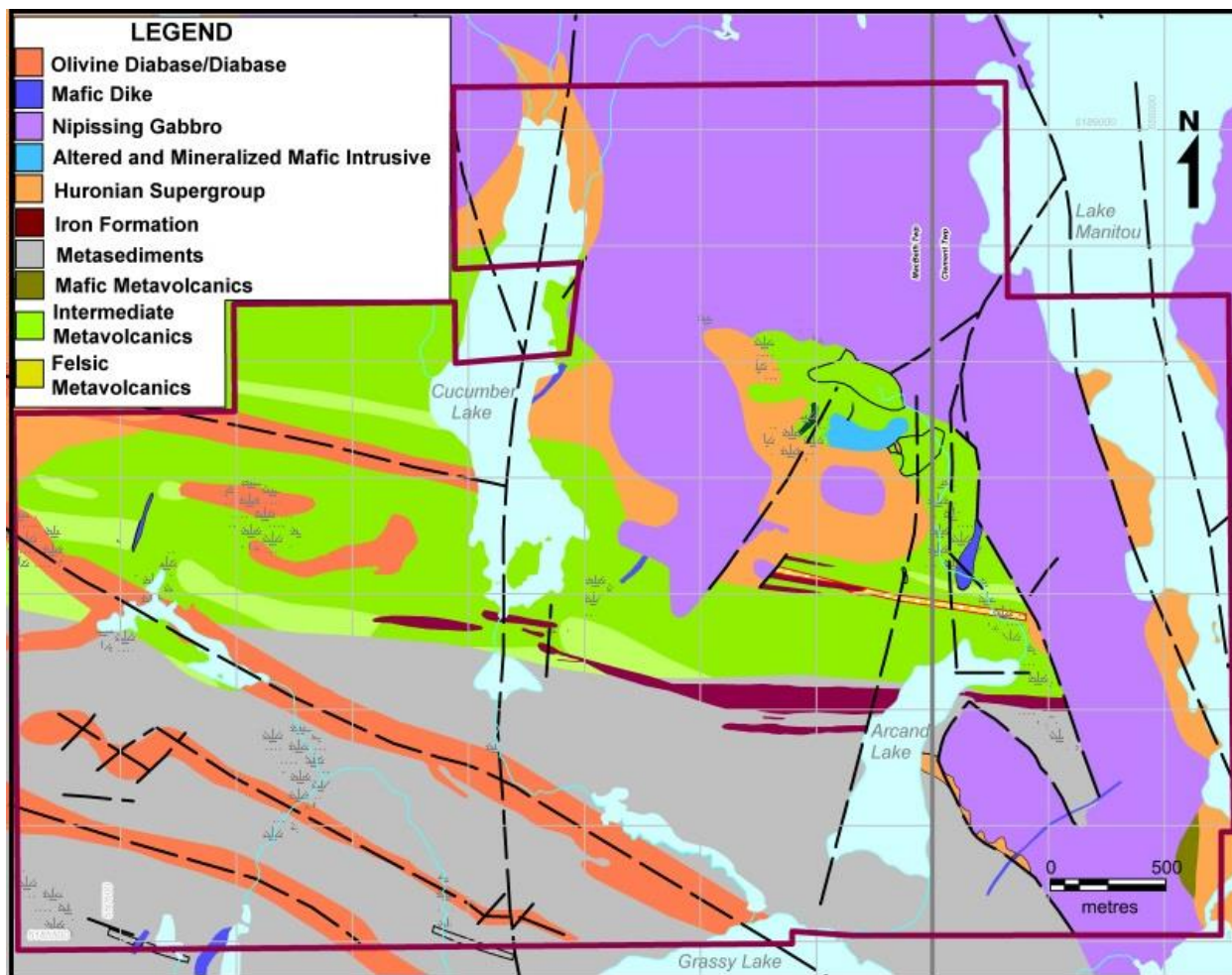


Figure 4: Property Geology

The youngest rocks on the property, following NW-SE structures, are olivine diabase and diabase dikes and, following NE-SW structures, are recently mapped unclassified mafic dikes (possibly Preissic aged). The most significant one of these mafic dikes is host to the Ditch Sulphide Showing on claim 281341. The dike was outlined by mapping, historical geophysical surveys and one outcrop on Meyn's 1977 map.

4.21 Alteration and Mineralization

Gold Mineralization

In 2011, GoldTrain Resources' diamond drill hole CL11-03 tested the VTEM anomaly area B. This hole outlined a new gold discovery (Clement Gold Zone: 0.4g/t over 9m including 2.95 g/t



Photo 2: Chert-Magnetite Iron Formation



Photo 3: Chert-Magnetite-Actinolite Iron Formation

over 0.5m and 1.06g/t over 0.5m) in altered intermediate to felsic metavolcanics. The alteration envelope consists of pervasive sericite, chlorite, epidote, carbonate and silica. Mineralization consists of disseminated and semi-massive pyrite, pyrrhotite and chalcopyrite. The greatest gold values occur in quartz, carbonate, chlorite and albite veining with semi massive pyrite pyrrhotite and chalcopyrite. Along strike there are untested VTEM and magnetic anomalies and the gold zone is open both at depth and along strike.

It is widely recognized that iron formation is spatially and temporally associated with several world class gold deposits. Historical sampling at the Nichol B showing returned an assay of 0.28 oz./t Au in siliceous iron formation.

Also, lamprophyre dikes (mapped in 2019) are known to be associated with major structures and gold mineralization (McNeil and Kerrich, 1985).



Photo 4: Intermediate to Felsic Volcanic Breccia

VMS Mineralization

In 2011, GoldTrain Resources' diamond drill holes CL11-04 and CL11-05 tested the VTEM anomaly area A. The drill holes outlined a sericite, chlorite and silica alteration zone with areas of massive sulphides, chert horizons and locally anomalous Cu, Zn, Au and Ag (Massive Sulphide Zone). The zone has a possible true width of 15-16m and is coincident with a recognizable fault zone. The zone remains open at depth and along strike with several VTEM and coincident magnetic anomalies untested.

Geological mapping has partially defined the aerial extent of the alteration and mineralization of the Massive Sulphide Zone. The mapping has outlined an alteration envelope of silica, chlorite, amphibole, sericite, localized epidote and albite and quartz veining. Mineralization

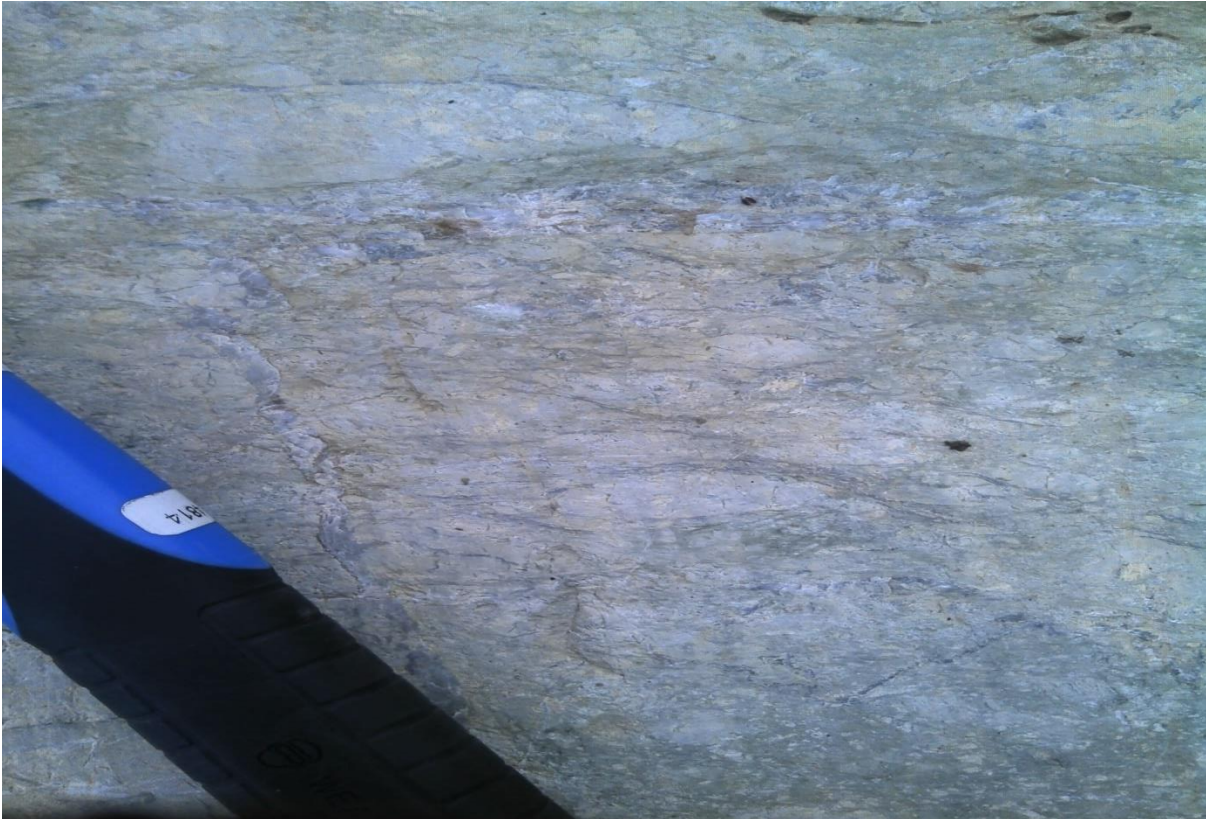


Photo 5: Felsic Lapilli/Crystal Ash Tuff



Photo 6: Interbedded Arkose and Greywacke

consists of disseminated, stringer to blebby pyrite and pyrrhotite of up to 5% and minor amounts of chalcopyrite. Within this zone a sheared, altered and sulphide mineralized mafic feldspar porphyritic intrusion is present and is possibly related to the Nipissing gabbro suite.

Algoma-type iron formations display a spatial and temporal association with volcanic-hosted base metal sulphide deposits. These rocks typically occur in the immediate vicinity of the mineralization (Peter, 2003). The iron formations represent chemical sediments deposited from hydrothermal fluids that vented into a submarine environment and for that reason they are commonly referred to as exhalites. (Peter and Goodfellow, 1996; Peter, 2003). Exhalites refer to interbedded volcanoclastic and/or detrital and chemical sedimentary rocks. The volcanoclastic and/or detrital component typically consists of volcanoclastic sediment, siltstone and/or shale, whereas the chemical component may include chert, Fe-Mn oxide-carbonate-silicate sediment and/or polymetallic sulphides (Peter, 2003). Areally extensive, 1 to 5 m thick, Fe-rich exhalites (iron formations) may mark the most prospective VMS horizons (Spry et al 2000; Peter, 2003). Algoma-type iron formations typically occur within greywackes, turbidites and volcanic or volcanoclastic rocks and are thought to have formed in volcanic arcs or back arcs, spreading ridges and rifts. These iron formations were precipitated from venting hydrothermal fluids that are contemporaneous with volcanism (Peter, 2003).

5.0 2021 PROGRAM

5.1 Methods

In the summer of 2021, a 43-day program of reconnaissance geological mapping, prospecting and sampling was completed on the Clement property (Table 2). Equipped with handheld GPS's, compasses, rock hammers and grub hoes, several targeted areas were prospected, field mapped, and grab samples taken. The samples were collected in plastic bags. Before being shipped the sample bags were tagged, stapled shut and placed in rice bags. They were then subsequently delivered to Agat Labs in Sudbury, Ontario. 17 samples were analyzed for Au using fire assay AA (30g) with AAS Finish. 28 were analyzed for 51 elements metal package using Aqua-regia ICP/ICPMS finish. The samples are dry crushed to 75% passing 2mm,

split to 250g and pulverized to 85% passing 75um.

The objectives of the 2021 program were to:

- Map and prospect the newest acquired claims.
- Map and prospect anomalies from the recently acquired 2020 OGS Airborne Magnetic Gradiometer Survey maps.
- Define, map and prospect the magnetic trace of the main iron formation.
- Re-map and re-interpret and the main road outcrops.
- Map and prospect the Nichol B showing with a historical assay of 0.28 oz./t Au in siliceous iron formation.
- Re-map and sample outcrops of interest from previous programs.

Table 2: 2021 Work Areas and Work Days

<i>Claim</i>	<i>Cells</i>	<i>Work Days</i>
122033	14I16C056	0.25
128078	14I16F387	4.50
174161	14I16F389	0.75
204229	14I16F386	2.50
245434	14I16F390	1.50
281341	14I16C054	1.00
314834	14I16F388	0.50
342965	14I16F370	0.50
546025	14I16C032	0.75
546026	4I116C012, 4I116C013, 4I116F352, 4I116F353, 4I116F373, 4I116F374, 4I116F392, 4I116F393, 4I116F394	10.00
546027	14I16C009, 14I16C010, 14I16C011, 14I16F391	7.00
546080	14I16C006, 14I16C007, 14I16C008	1.00
546082	4I116C030, 4I116C031, 4I116F351	0.75
546083	4I116C035	1.50
601268	14I16F369	0.75

<i>Claim</i>	<i>Cells</i>	<i>Work Days</i>
601269	14I16F366	2.50
601270	14I16F368	0.75
601271	14I16F367	3.50
605894	14I16F349	1.50
605895	14I16F348	1.50
Total		43.00

The 43-day program occurred between May 10th and November 16th, 2021. Certificates of analysis for the grab samples are located in Appendix II.

6.0 RESULTS and CONCLUSIONS

Mapping Results

The 2021 mapping program of the main iron formation has located unknown historical pits and trenches (Figure 5 and Figure 7). One of the trenches has led to the recognition of the intimate relationship of the carbonaceous/graphitic argillite (sulphide facies) to the iron formation.

The program has also led to the mapping of a fault adjacent to the geochemical anomalous P-1 drill hole area (Figure 5).

The mapping has significantly enhanced the understanding of the Clement property volcanic stratigraphy. The recent mapping has invoked a newly refined geological legend. Although still a field legend, it is an attempt to better define the stratigraphy for the exploration for volcanic vents and thus VMS deposits.

Sampling Results

45 grab samples were collected from outcrops of interest and are presented in Table 3. The geochemical data has been interpreted empirically and not statistically. Out of this interpretation has evolved two tiers of significant anomalous values (Table 3). Tier 1 represents multiple anomalous metals for one or more samples or a single anomalous metal for multiple samples in the same locality. Tier 2 represents individual samples with a single anomalous metal value.

Tier 1

P-1 Drill Hole Area (Figure 5):

This area was previously drilled by Pelican Mines in 1975.

There are 4 anomalous samples that come from a felsic lapilli tuff in contact with the main iron formation to the north.

E5252002: (0.435 ppm Cu) 3-5% disseminated cubic and bleb pyrite and stringer sulphide.

E5252003: (0.599 ppm Au) Pervasive epidote + potassium feldspar + sericite alteration, chlorite + amphibole alteration, localized felsic fragments, epidote + albite + quartz alteration veinlets with 1% disseminated pyrite + trace chalcopyrite.

E5252004: (0.219 ppm Cu) Very siliceous, pervasive potassium feldspar and localized epidote alteration, possible layering/bedding, 0.5% disseminated sulphide + trace chalcopyrite.

E5251998: (0.161 ppm Zn) Localized patches of epidote + chlorite alteration, localized 0.5-1% disseminated pyrrhotite, 3mm elongate to sub-rounded felsic cherty fragments, possible felsic layers, rusty crust.

Massive Sulphide Zone (Figure 6):

E5251966: (0.117 ppm Zn) Intermediate Lapilli Tuff, siliceous, 3-5% disseminated and stringer pyrite + pyrrhotite and along chlorite rich fractures.

E5251967: (267 ppm Cu, 158 ppm Zn) Intermediate Volcanic, very siliceous, rusty weathering, 1-2% disseminated sulphides and 2-3% in quartz veinlets (trace chalcopyrite?).

E5251970: (279 ppm Cu, 5.23 ppm W) Intermediate Volcanic, siliceous, 1-2 % finely disseminated pyrite + pyrrhotite and 1-2% disseminated pyrite + pyrrhotite in quartz veinlets.

E5251988: (119 ppm Zn) Intermediate Volcanic, 3-5% sulphides disseminated and in small quartz + albite veinlets, aphanitic, siliceous, possibly altered.

E5251981: (124 ppm Cu, 216 ppm Cr, 7.56 ppm Mo) Feldspar Porphyry in sharp contact with lapilli tuff, 5% 2mm milky grey feldspars, matrix supported which is dark grey and aphanitic, 2-3% pyrite + pyrrhotite + chalcopyrite? in quartz rich clots and locally disseminated, tuff has chlorite altered matrix.

Tier 2

Ditch Sulphide Showing:

E5251960: (395 ppm Cu) Locally laminated, locally arkosic to gabbroic texture, siliceous, quartz +/- chlorite, amphibole veining and pods possibly near gabbro contact, 1-2% disseminated pyrite + pyrrhotite +/- chalcopyrite along quartz vein margin and up to 5% pyrrhotite along siliceous fractures.

Quartz Vein Showing:

E5251964: (0.175 ppm Au) Rusty white quartz vein, localized 0.5% disseminated pyrite, trace chalcopyrite, 80cm wide.

P-3 Drill Hole Area (Figure 7):

E5252005: (209 ppm Cu, 165 ppm Zn) Graphitic argillite, massive to locally laminated, 3-5% disseminated pyrrhotite, trace yellowish pyrite, aphanitic, localized sericite alteration, crosscutting micro-veinlets of chlorite and albite, localized drop stones.

Table 3: 2021 Sample Locations and Descriptions

<i>Sample</i>	<i>Rock Type</i>	<i>Easting</i>	<i>Northing</i>	<i>Description</i>
E5251960	Greywacke	553866	5185676	Dark grey green, locally laminated, locally arkosic to gabbroic texture, siliceous, qtz+/-chl, amph veining and pods possibly near gabbro contact, 1-2% diss po+py+/-cpy along quartz vein margin and up to 5% po along siliceous fractures
E5251961	Mafic Intrusive	555076	5185839	Possible dike rock, med to fine grained, dark grey olive to black green, chl rich possibly altered gabbro, possibly fp, cherty/siliceous fracture, hblld crystals/alteration, local rusty weathering on fractures (hem+qtz), non mag, loc 1-2% diss po+/- cpy, tr cpy in kspar alteration patch, galena? and black red sphalerite? in calcite fracture filling
E5251962	Intermediate Lapilli Tuff	553687	5186748	Fragmental, 1% blebby and disseminated po+cpy in a qtz+amph patch/vein/frag
E5251963	Intermediate Volcanic	550864	5187066	Gossanous, massive, dark charcoal grey, aphanitic, siliceous, 1-2% sulphides-blebby, finely diss and cubic py along fractures, loc discordant fp dikes
E5251964	Quartz Vein	550864	5187064	Rusty white qv, loc 0.5% diss py, tr cpy, 80cm wide, 345/90(165/90)
E5251965	Intermediate Volcanic	550808	5186982	Fp, Dark grey, very fine grained, very siliceous, local qtz+chl veinlets and boudins and veining, loc 1-2% diss py
E5251966	Intermediate Lapilli Tuff	553857	5187670	Buff grey, fine grained to fragmental, siliceous, massive, 3-5% disseminated and stringer py+po and along chl rich fracture, jointed
E5251967	Intermediate Volcanic	553873	5187517	Lite grey, fine grained, very siliceous, rusty weathering, 1-2% diss sulphides and 2-3% in q veinlets (tr cpy?)
E5251968	Intermediate Volcanic	553914	5185621	Buff grey, fine grained, massive to local fabric, very siliceous, local sulphide burns, 3-5% py+po disseminated and along fractures
E5251969	Intermediate Volcanic	550874	5187072	Dark charcoal grey, medium grained, 5-8% fspar crystals up 1cm, 2-5% disseminated/stringer sulphides and along fractures and possible qvs, rusty weathering
E5251970	Intermediate Volcanic	553554	5187717	Light grey, fine grained, siliceous, rusty weathering, 1-2 % finely disseminated po+py and 1-2% diss po+py in qtz veinlets, massive
E5251971	Intermediate Tuff	554135	5186939	1-2% disseminated/stringer po+py sulphides, alteration patches/veinlets of hblld +chl +sericite +silica+sulphides, rusty weathered crust, dark grey to mottled grey-white, fine grained, bedded? mafic (hblld) rich matrix with fspar patches
E5251972	Quartz Vein in Gowganda Conglomerate	554337	5185883	10-15 cm flat lying qtz+kspar+amph(torm?) +epi vein in flat lying kspar altered (metasomatism) conglomerate with 5 cm granitic clasts, 3-5% cubic py in cm scale mafic clot (tourm?)

<i>Sample</i>	<i>Rock Type</i>	<i>Easting</i>	<i>Northing</i>	<i>Description</i>
E5251973	Gowganda Conglomerate	554337	5185883	Kspar altered (metasomatism) conglomerate with 5 cm granitic clasts, 3-5% cubic py in cm scale mafic clot (tourm?)
E5251974	Quartzite	554679	5186121	Pinkey orange weathered crust, dark green/black, siliceous/cherty, 1-3% diss sulphides
E5251975	Quartz Vein in Intermediate Volcanic	552233	5186831	Old trench, close to IF, rusty qtz veining in fp Tuff
E5251976	Intermediate Volcanic	552140	5186845	Dark grey green hbl+chl? rich matrix, med-fine grained, xcutting chl veinlets, loc epi+qtz py veinlets, loc perv epi alt, 1-2mm fp, 0.5-1% disseminated py in matrix and in both sets of veinlets
E5251977	Quartz Vein in Intermediate Volcanic	552156	5186822	qv (dark grey fine-grained matrix), float, 2-3% py in volcanic
E5251978	Quartz Vein in Arkose	552538	5185756	Massive arkose with rusty qtz boudins and veinlets.
E5251981	Feldspar Porphyry/ Intermediate Lapilli Tuff	553745	5187924	Feldspar Porphyry in sharp contact with lapilli tuff, med grained, FP 5% up to 2mm milky grey fspars, matrix supported which is dark grey and aphanitic, 2-3% po+py+cpy? in qtz rich clots and local disseminated, tuff is lite grey chl altered matrix
E5251982	Intermediate Lapilli Tuff	554033	5187676	Gossanous, lite grey, felsic fragments, 3-5% py+cpy disseminated and in qtz+chl+alb? veinlets/alteration
E5251983	Intermediate Volcanic	554154	5187267	Mottled light to dark grey, bleached, rusty, very siliceous, sil+ser+chl alteration, albite? alteration patches, angular qtz boudins, rusty weathering, loc 3-5% finely disseminated py+/- tr cpy and stringer py
E5251984	Intermediate to Mafic Intrusive	553538	5187688	Rusty, fp/tiger striped, looks like it has fabric, local 0.5-1% disseminated sulphides, 3-5% pinkey beige up to 1cm fspar with hairline chl fractures, large patches of hbl
E5251985	Gowganda Conglomerate	553130	5188058	Green grey to beige with black patches, fine grained, chl altered, hbl patches, sil+chl+hbl alteration, 3-5% disseminated sulphides, rounded granitic clasts up to 1cm
E5251986	Quartz Vein in Intermediate Volcanic	553547	5187700	Smokey grey qv with patches/inclusions of epi+fspar+amph+/- sulphide, local rusty weathering
E5251987	Intermediate to Mafic Intrusive	553751	5187668	Rusty almost gossanous, lite to dark grey purplish tinge, fp, 3-5% disseminated and blebby and alteration patches of py+cpy+qtz+hbl, 3-5% 1-2mm creamy fspars, local very siliceous sections, weak fabric, sil+ser+chl alteration
E5251988	Intermediate Volcanic	553796	5187728	Massive, 3-5% sulphides disseminated and in small qtz+alb veinlets, dark green charcoal grey, aphanitic, siliceous, possibly altered, looks fp on weathered surface
E5251989	Intermediate Volcanic	553891	5186965	Fine grained, local lapillis, siliceous, purplish dark grey, qtz+2-3% py+cpy veinlets, chl+amph alteration rims, local cherty/siliceous, possibly bedded
E5251990	Greywacke/ Argillite	554485	5186396	Interbedded, dark grey fine-grained greywacke/argillite and fine-grained siliceous sediment with sulphides, possible cpy
E5251991	Felsic Volcanic	554012	5187053	Very siliceous, fine grained, mm-cm scale veinlets of qtz+chl +amph+ sulphide, local 0.5% disseminated fine grained sulphides, lager clots of qtz+amph+chl+cubic py crystals. Cairn Sulphide Showing

<i>Sample</i>	<i>Rock Type</i>	<i>Easting</i>	<i>Northing</i>	<i>Description</i>
E5251992	Intermediate Lapilli Tuff/ Volcanic Breccia	550619	5187318	Lite grey green weathered, lite to dark grey, 1-2% 1-2mm qtz eyes, felsic clasts with 0.5% disseminated sulphides, possible cpy, chl+hbl matrix, elongate rectangular crystals of qtz or glass shards, local washed out grey to green (chl alteration?) matrix, weird
E5251993	Intermediate Volcanic	550591	5187159	Mottled lite to dark grey, chl+ser altered matrix, alteration patches of qtz + epi +/- sulphide +/-fspar with albite rims and veinlets and boudins(eyes) of qtz +/- epi and loc 0.5% disseminated py
E5251994	Mafic Dike	550811	5186954	Rusty rind, dark charcoal grey, hbl rich matrix, looks mafic, bio/hbl rich sediment or dike, local qtz+fspar+/-epi clots and veinlets, loc 0.5-1% disseminated po
E5251995	Interbedded Greywacke/ Arkose	550048	5186809	Dark charcoal grey, fine grained, 0.5% disseminated py cubes and local sulphide in patches and veinlets of qtz+epi+sericite, local strongly magnetic, possible magnetite, close to dike
E5251996	Felsic Volcanic Breccia	550800	5187014	Lite grey to dark grey and green streaky veinlets, pervasive silica and kspar (pinkish), abundant epi+qtz+/-hbl+chl veining and alteration patches, 0.5% disseminated sulphide in matrix, alteration and veining, pinkish lite grey green pot marked weathered, very altered, very siliceous
E5251997	Felsic Lapilli Tuff	552458	5186736	Very siliceous, mottled lite creamy grey-green to dark charcoal grey, 2-3% disseminated po (magnetic), rusty weathering/gossanous, pervasive epi alteration and alteration patches of epi+ amph+ alb+ qtz+ 2-3% disseminated magnetic po, local 3cm sugary smokey qv, round to sub-round felsic fragments
E5251998	Felsic Lapilli Tuff	552428	5186705	Mottled charcoal purplish grey to lite grey and epidote green, rusty/gossanous rind, local patches of epi+chl? alteration, local 0.5-1% disseminated po, 3mm elongate to sub-round felsic cherty fragments, possible felsic layers, rusty crust
E5251999	Quartz Vein in Intermediate Volcanic	552234	5186853	Anastomosing /boudined/bx sugary qvs, angular/sub-round qtz fragments surrounded by matrix of dark green /black qtz+hbl/act alteration, rusty, 1% local 2-3% disseminated sulphide, po (magnetic)+py in qtz and matrix, hbl altered volcanics
E5252000	Intermediate Lapilli Tuff	552325	5186835	Dark buff grey, local zone of rusty weathering, 3-5% disseminated and discontinuous stringers and pods of magnetic po, tr cpy or tarnished py, local fp, local mm scale elongate qtz and felsic frags
E5252001	Quartz Vein in Iron Formation	552288	5186822	Brecciated smokey sugary qtz, matrix of black hbl, non magnetic, 3-5% disseminated sulphide in qtz and matrix
E5252002	Intermediate Volcanic	552355	5186718	Mafic looking, 3-5% disseminated cubic and bleb py and stringer sulphide, non magnetic, dark charcoal grey
E5252003	Felsic Lapilli Tuff	552365	5186707	Lite grey pink green, pervasive epi+kspar+sericite alteration, chl + amph alteration, local felsic fragments, epi+albite? +qtz alteration veinlets with 1% diss py+tr cpy
E5252004	Felsic Lapilli Tuff	552360	5186719	Pinky grey, very siliceous, pervasive kspar and local epidote alteration, possible layering/bedding, 0.5% disseminated sulphide + tr cpy
E5252005	Graphitic Argillite	553206	5186490	Massive to local laminated, 3-5% disseminated magnetic po, tr yellowish py, dark black to dark greeney grey, aphanitic, rusty rind, local sericite alteration, xcutting micro-veinlets of chl+albite, local drop stones
E5252006	Felsic Lapilli Tuff/ Volcanic Breccia	553602	5187089	Possible felsic fragments up to bomb size? buff grey, siliceous, en echelon /hash tag qtz veinlets, extensive pervasive chl alteration, local pervasive epidote alteration, chl+amph alteration veinlets, tr disseminated sulphide

The 2021 program was successful in:

- A better understanding of the volcanic stratigraphy and in this the development of a more refined geological legend.
- The recognition of the sulphide facies of the main iron formation (carbonaceous /graphitic argillite).
- The discovery of unknown historical pits and trenches in the vicinity of the Nichol B showing and along the trend of the main iron formation.
- The recognition of a fault adjacent to the geochemical anomalous P-1 drill hole area.
- Obtaining significant anomalous geochemistry from several different areas including a grab sample that returned 0.599 ppm Au.

The 2021 program has outlined several significant areas of interest that warrant future work:

1. Massive Sulphide Zone.
2. The old pits and trenches of the Nichol B showing and the main iron formation.
3. The P-1 Drill hole area

Table 4: 2021 Anomalous Geochemical Results

<i>Sample</i>	<i>Au (ppm)</i>	<i>Ag (ppm)</i>	<i>Cu (ppm)</i>	<i>Zn (ppm)</i>	<i>Area</i>	<i>Tier</i>
E5251960	0.026	0.89	<u>395.0</u>	93.5	Ditch Sulphide Showing	2
E5251964	<u>0.175</u>				Quartz Vein Showing	2
E5251966	0.005	0.10	31.1	<u>117.0</u>	Massive Sulphide Zone	1
E5251967	0.038	0.34	<u>267.0</u>	<u>158.0</u>	Massive Sulphide Zone	1
E5251970	0.077	0.34	<u>279.0</u>	76.3	Massive Sulphide Zone	1
E5251981	0.008	0.20	<u>124.0</u>	66.3	Massive Sulphide Zone	1
E5251988	0.007	0.14	93.9	<u>119.0</u>	Massive Sulphide Zone	1
E5251998	0.005	0.15	47.1	<u>161.0</u>	P-1 Drill Hole Area	1

Sample	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Area	Tier
E5252002	0.005	0.33	<u>435.0</u>	67.7	P-1 Drill Hole Area	1
E5252003	<u>0.599</u>	0.22	15.6	72.4	P-1 Drill Hole Area	1
E5252004	0.005	0.19	<u>219.0</u>	38.3	P-1 Drill Hole Area	1
E5252005	0.009	0.22	<u>209.0</u>	<u>165.0</u>	P-3 Drill Hole Area	2

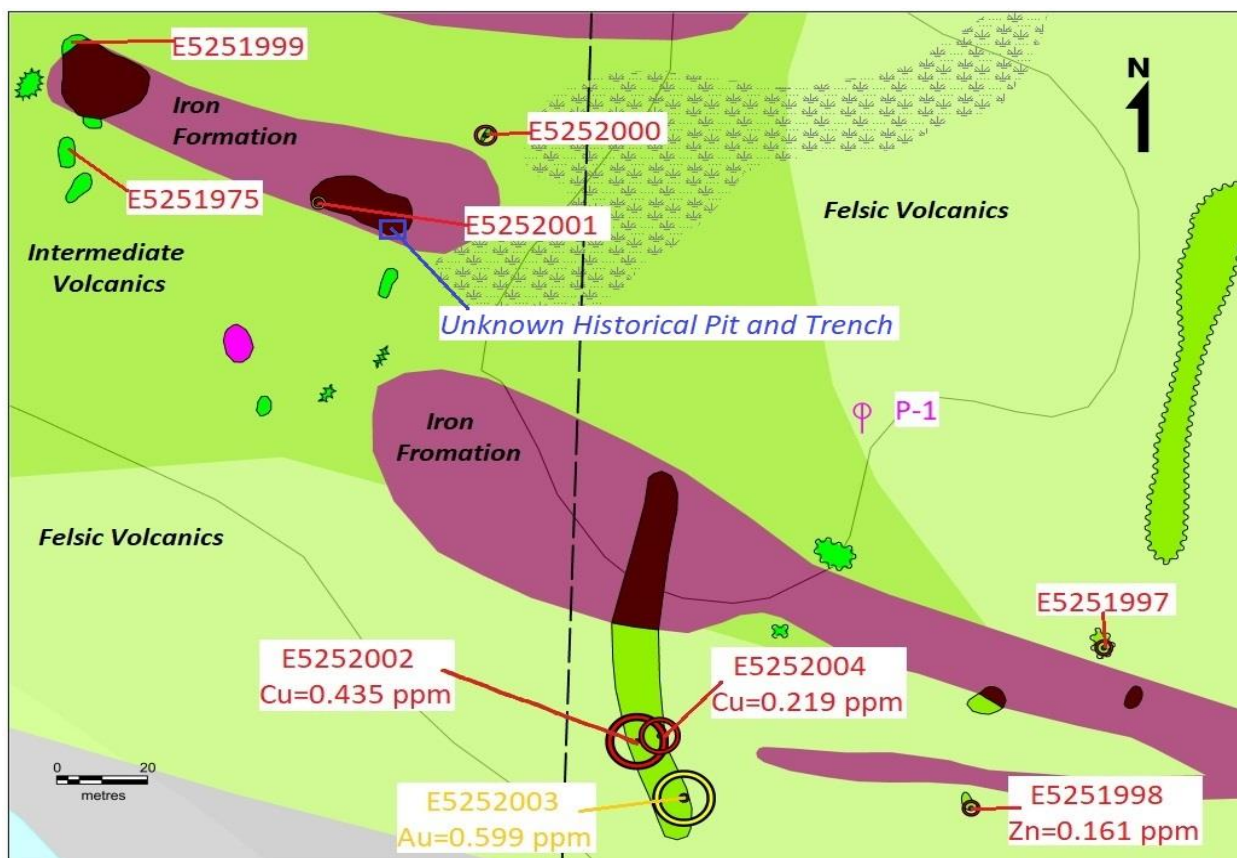


Figure 5: P-1 Drill Hole Area and Nichol B Showing Area Sampling Results

7.0 RECOMMENDATIONS

The following recommendations can be made based on the 2021 program completed on the Clement Property:

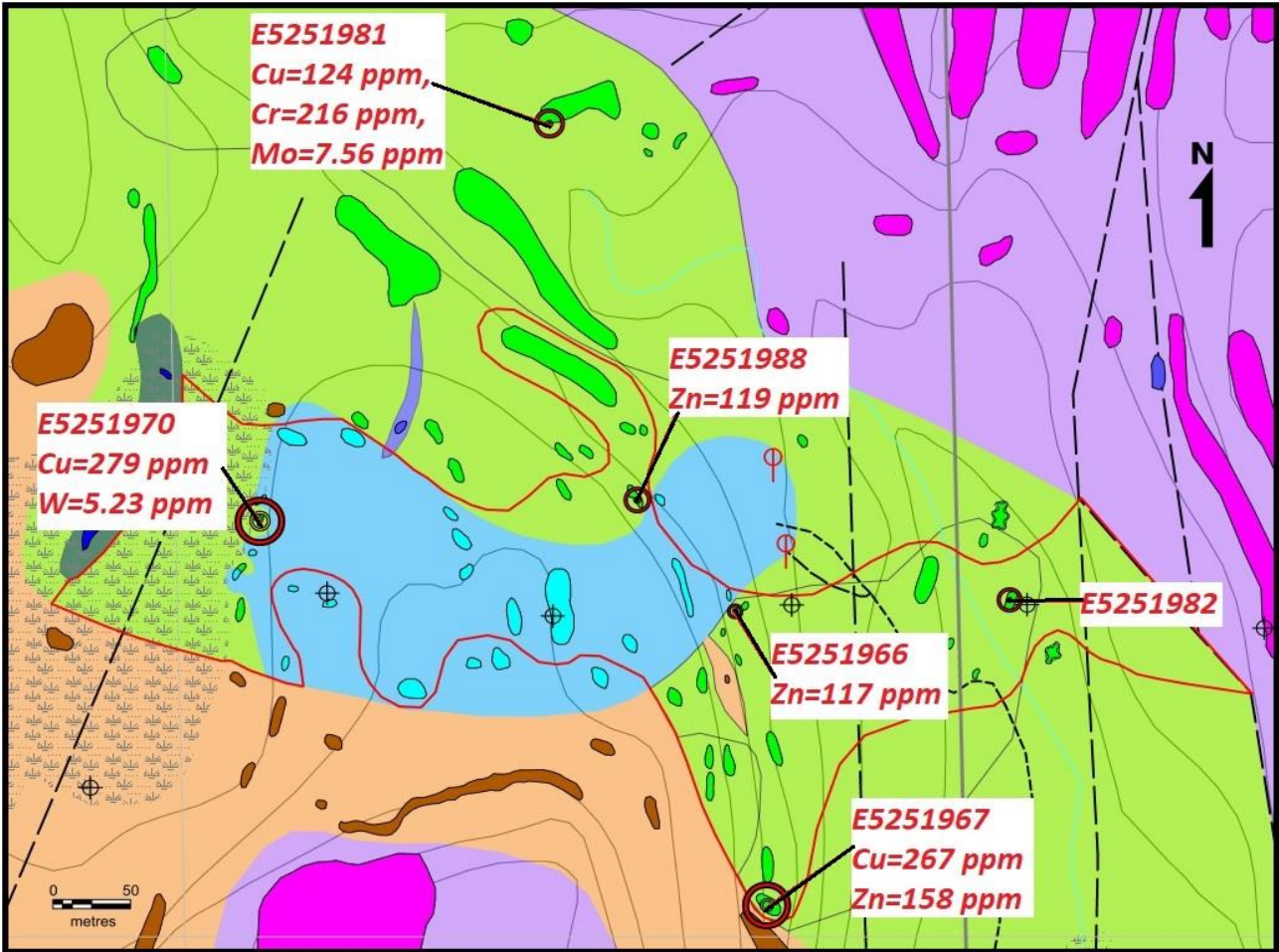


Figure 6: Massive Sulphide Zone Sampling Results

- 1) Mechanical bedrock stripping, detailed mapping and channel sampling of the Nichol B showing area.
- 2) Mechanical bedrock stripping, detailed mapping and channel sampling of the P-1 drill hole area.
- 3) Line cutting, detailed mapping and lithogeochemical sampling of the Massive Sulphide Zone area.
- 4) Mechanical bedrock stripping, detailed mapping and sampling of the Quartz Vein showing.
- 5) Line cutting, detailed mapping and sampling of the main iron formation trace.

The following recommendations can be made based on all the previous programs completed on the Clement Property:

- 1) A diamond drill program to test the remaining VTEM and coincident magnetic anomalies. Drilling should also test the down dip and strike extension of the gold zone outlined in CL11-03.
- 2) Line cutting, detailed mapping and lithogeochemical sampling of the CL11-03 Gold Zone area (Clement Gold Zone).
- 3) Bedrock stripping, detailed mapping and channel sampling of the up-dip projection of the CL11-03 Gold Zone at 553749E and 5187010N to 553744E and 5186991N.
- 4) Detailed mapping and sampling of the Adit Quartz Vein.
- 5) Detailed mapping and sampling of the within the eastern extension of the iron formation (Stringer Sulphide Pits) on the Arcand Lake grid.

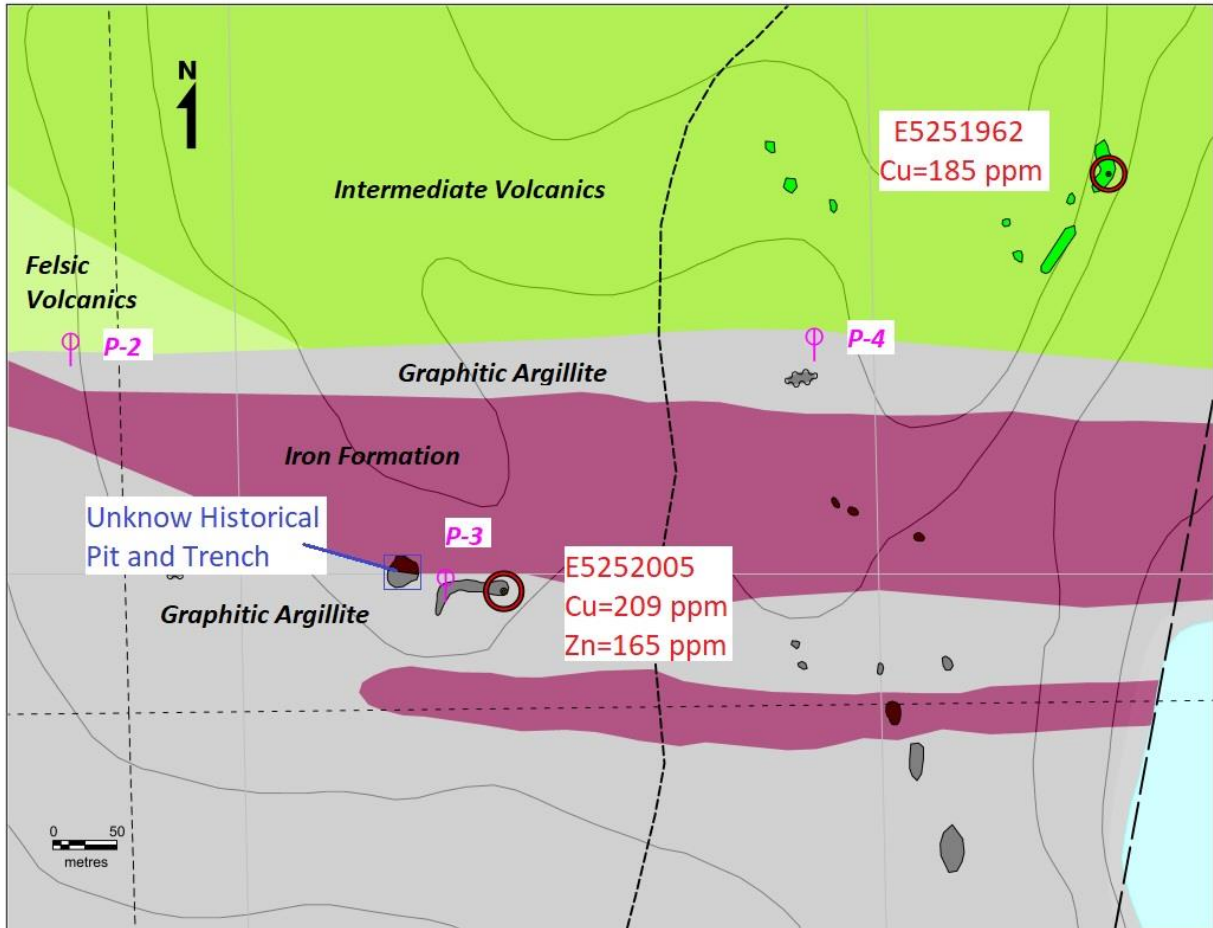


Figure 7: P-3 Drill Hole Area Sampling Results

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Appendix I

Statement of Qualifications

I, Randy I. Stewart, B.Sc. of 213 Kingsmount Boulevard, Sudbury, Ontario, P3E 1L1, do hereby certify that:

I graduated from the Mining Engineering Technician program at Cambrian College of Applied Arts and Technology, Sudbury, Ontario, in 2002.

I graduated with a Bachelor of Science Degree (Honours) in geology in 1991 from the University of Waterloo, Waterloo, Ontario.

I have been actively involved in Mining and Exploration since 1986.

Randy Irwin Stewart

February 21, 2022
Sudbury, Ontario

Statement of Qualifications

I, Brian James Wright, of 92 Main Street, Markstay, Ontario, P0M 2G0, do hereby certify that:

I am a Geological Technologist receiving my education from Haileybury School of Mines.

I have been actively involved in Mining and Exploration for over 30 years.

Brian James Wright

February 21, 2021
Markstay, Ontario

Appendix II
Certificates of Analyses



5623 McADAM ROAD
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CANADA L4Z 1N9
TEL (905)501-9998
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CLIENT NAME: MISC AGAT CLIENT ON, ON
ATTENTION TO: Randy Stewart
PROJECT:
AGAT WORK ORDER: 22B861056
SOLID ANALYSIS REVIEWED BY: Xunjia Liang, Lab Analyst
DATE REPORTED: Feb 17, 2022
PAGES (INCLUDING COVER): 8

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*Notes

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Certificate of Analysis
AGAT WORK ORDER: 22B861056
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CLIENT NAME: MISC AGAT CLIENT ON

DATE SAMPLED: Feb 06, 2022	DATE RECEIVED: Feb 04, 2022	DATE REPORTED: Feb 17, 2022	SAMPLE TYPE: Rock
(200-) Sample Login Weight			
Sample ID (AGAT ID)	Analyte:	Sample Login Weight	
	Unit:	kg	
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E5251963 (3487270)		1.77	
E5251964 (3487271)		2.05	
E5251969 (3487272)		2.04	
E5251971 (3487273)		1.48	
E5251972 (3487274)		1.34	
E5251973 (3487275)		1.59	
E5251974 (3487276)		1.58	
E5251975 (3487277)		1.83	
E5251977 (3487278)		1.62	
E5251978 (3487279)		1.74	
E5251979 (3487280)		1.42	
E5251980 (3487281)		1.00	
E5251983 (3487282)		1.69	
E5251984 (3487283)		1.84	
E5251985 (3487284)		1.25	
E5251986 (3487285)		1.37	
E5251987 (3487286)		1.66	
E5251989 (3487287)		2.18	
E5251999 (3487288)		1.72	

Comments: RDL - Reported Detection Limit
Analysis performed at AGAT 1046 Gofham St, Thunder Bay, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:



Certificate of Analysis
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CLIENT NAME: MISC AGAT CLIENT ON

DATE SAMPLED: Feb 06, 2022	DATE RECEIVED: Feb 04, 2022	DATE REPORTED: Feb 17, 2022	SAMPLE TYPE: Rock																																																																																
<table border="1"> <thead> <tr> <th>Sample ID (AGAT ID)</th> <th>Analyte:</th> <th>Unit:</th> <th>RDL:</th> </tr> </thead> <tbody> <tr> <td>E5251963 (3487270)</td> <td>Au</td> <td>ppm</td> <td>0.002</td> </tr> <tr> <td>E5251964 (3487271)</td> <td></td> <td></td> <td>0.004</td> </tr> <tr> <td>E5251969 (3487272)</td> <td></td> <td></td> <td>0.175</td> </tr> <tr> <td>E5251971 (3487273)</td> <td></td> <td></td> <td>0.006</td> </tr> <tr> <td>E5251972 (3487274)</td> <td></td> <td></td> <td><-0.002</td> </tr> <tr> <td>E5251973 (3487275)</td> <td></td> <td></td> <td><-0.002</td> </tr> <tr> <td>E5251974 (3487276)</td> <td></td> <td></td> <td><-0.002</td> </tr> <tr> <td>E5251975 (3487277)</td> <td></td> <td></td> <td>0.012</td> </tr> <tr> <td>E5251977 (3487278)</td> <td></td> <td></td> <td>0.006</td> </tr> <tr> <td>E5251978 (3487279)</td> <td></td> <td></td> <td>0.032</td> </tr> <tr> <td>E5251979 (3487280)</td> <td></td> <td></td> <td><-0.002</td> </tr> <tr> <td>E5251980 (3487281)</td> <td></td> <td></td> <td><-0.002</td> </tr> <tr> <td>E5251983 (3487282)</td> <td></td> <td></td> <td>0.008</td> </tr> <tr> <td>E5251984 (3487283)</td> <td></td> <td></td> <td>0.005</td> </tr> <tr> <td>E5251985 (3487284)</td> <td></td> <td></td> <td>0.003</td> </tr> <tr> <td>E5251986 (3487285)</td> <td></td> <td></td> <td>0.011</td> </tr> <tr> <td>E5251987 (3487286)</td> <td></td> <td></td> <td>0.006</td> </tr> <tr> <td>E5251989 (3487287)</td> <td></td> <td></td> <td><-0.002</td> </tr> <tr> <td>E5251999 (3487288)</td> <td></td> <td></td> <td>0.008</td> </tr> </tbody> </table>				Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	E5251963 (3487270)	Au	ppm	0.002	E5251964 (3487271)			0.004	E5251969 (3487272)			0.175	E5251971 (3487273)			0.006	E5251972 (3487274)			<-0.002	E5251973 (3487275)			<-0.002	E5251974 (3487276)			<-0.002	E5251975 (3487277)			0.012	E5251977 (3487278)			0.006	E5251978 (3487279)			0.032	E5251979 (3487280)			<-0.002	E5251980 (3487281)			<-0.002	E5251983 (3487282)			0.008	E5251984 (3487283)			0.005	E5251985 (3487284)			0.003	E5251986 (3487285)			0.011	E5251987 (3487286)			0.006	E5251989 (3487287)			<-0.002	E5251999 (3487288)			0.008
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E5251999 (3487288)			0.008																																																																																

Comments: RDL - Reported Detection Limit
 Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)
 Insufficient Sample : IS
 Sample Not Received : SNR

Certified By:

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CLIENT NAME: MISC AGAT CLIENT ON

Sieving - % Passing (Crushing)	
DATE SAMPLED: Feb 06, 2022	DATE RECEIVED: Feb 04, 2022
DATE REPORTED: Feb 17, 2022	SAMPLE TYPE: Rock
Analyte: Crush-Pass Unit: % RDL: 0.01	86
Sample ID (AGAT ID) E5251963 (3487270)	

Comments: RDL - Reported Detection Limit
 Analysis performed at AGAT 1046 Gornham St, Thunder Bay, ON (unless marked by *)
 Insufficient Sample : IS
 Sample Not Received : SNR

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Sieving - % Passing (Pulverizing)					
DATE SAMPLED: Feb 06, 2022	DATE RECEIVED: Feb 04, 2022				
DATE REPORTED: Feb 17, 2022	SAMPLE TYPE: Rock				
<table border="0"> <tr> <td>Analyte: Pul-Pass %</td> <td>Unit: %</td> </tr> <tr> <td>RDL: 85.64</td> <td>RDL: 90.00</td> </tr> </table>	Analyte: Pul-Pass %	Unit: %	RDL: 85.64	RDL: 90.00	
Analyte: Pul-Pass %	Unit: %				
RDL: 85.64	RDL: 90.00				
Sample ID (AGAT ID)					
E5251963 (3487270)					
E5251964 (3487271)					

Comments: RDL - Reported Detection Limit
 Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)
 Insufficient Sample : IS
 Sample Not Received : SNR

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Page 5 of 8



Quality Assurance - Replicate
AGAT WORK ORDER: 22B8861056
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(202-051) Fire Assay - Trace Au, AAS finish (30g charge) (ppm)

Parameter	REPLICATE #1		REPLICATE #2		RPD	RPD		
	Sample ID	Original	Replicate	RPD			Original	Replicate
Au	3487270	0.004	0.005	9.1%	3487285	0.011	0.019	55.6%



Quality Assurance - Certified Reference materials
AGAT WORK ORDER: 22B861056
PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

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Parameter	CRM #1 (ref.GSP6H)		CRM #2 (ref.GS7J)		Limits
	Expect	Actual	Expect	Actual	
Au	0.833	0.86	7.34	7.47	90% - 110%
					103%
					102%
					90% - 110%

(202-051) Fire Assay - Trace Au, AAS finish (30g charge) (ppm)



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Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 22B861056

PROJECT:

ATTENTION TO: Randy Stewart

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-12019	BUGBEE, E: A Textbook of Fire Assaying	AA
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE



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MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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FAX (905)501-0589
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CLIENT NAME: MISC AGAT CLIENT ON, ON
ATTENTION TO: Randy Stewart
PROJECT:
AGAT WORK ORDER: 22B861049
SOLID ANALYSIS REVIEWED BY: Jing Xiao, Data Reviewer
DATE REPORTED: Apr 01, 2022
PAGES (INCLUDING COVER): 15

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Page 1 of 15



Certificate of Analysis
 AGAT WORK ORDER: 22B8861049
 PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL: (905) 601-9898
 FAX: (905) 601-0589
<http://www.agatlabs.com>

ATTENTION TO: Randy Stewart

CLIENT NAME: MISC AGAT CLIENT ON

DATE SAMPLED: Feb 06, 2022	DATE RECEIVED: Feb 04, 2022	DATE REPORTED: Apr 01, 2022	SAMPLE TYPE: Rock
Sample ID (AGAT ID)	Analyte:	Sample Login Weight	
	Unit:	kg	
	RDL:	0.005	
E5251960 (3487026)		2.17	
E5251961 (3487027)		2.28	
E5251962 (3487028)		1.91	
E5251965 (3487029)		1.04	
E5251966 (3487030)		2.17	
E5251967 (3487031)		2.37	
E5251968 (3487032)		2.75	
E5251970 (3487033)		1.92	
E5251976 (3487034)		1.53	
E5251981 (3487035)		1.86	
E5251982 (3487036)		2.03	
E5251988 (3487037)		1.86	
E5251990 (3487038)		1.32	
E5251991 (3487039)		1.94	
E5251992 (3487040)		1.88	
E5251993 (3487041)		1.50	
E5251994 (3487042)		2.52	
E5251995 (3487043)		1.92	
E5251996 (3487044)		1.93	
E5251997 (3487046)		2.06	
E5251998 (3487046)		2.57	
E5252000 (3487047)		2.13	
E5252001 (3487048)		1.96	
E5252002 (3487049)		2.22	
E5252003 (3487050)		1.46	
E5252004 (3487051)		2.46	
E5252005 (3487052)		1.28	
E5252006 (3487053)		1.36	

Certified By:



Certificate of Analysis
AGAT WORK ORDER: 22B861049
PROJECT:

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

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Randy Stewart

(200-) Sample Login Weight

DATE SAMPLED: Feb 06, 2022 DATE RECEIVED: Feb 04, 2022 DATE REPORTED: Apr 01, 2022 SAMPLE TYPE: Rock

Comments: RDL - Reported Detection Limit
Analysis performed at AGAT 1046 Gornham St, Thunder Bay, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

AGAT CERTIFICATE OF ANALYSIS (V1)



Certificate of Analysis
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Randy Stewart

Sample ID (AGAT ID)	Analyte: Unit: RDL:	DATE RECEIVED: Feb 04, 2022				DATE REPORTED: Apr 01, 2022				SAMPLE TYPE: Rock				
		Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
E5251960 (3487026)	0.01	0.01	0.01	0.1	0.005	1	0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.05
E5251961 (3487027)	0.09	1.94	14.0	0.026	<5	69	0.31	0.23	0.92	0.72	17.5	52.3	337	0.75
E5251962 (3487028)	0.09	0.91	7.4	0.005	<5	9	0.36	0.21	0.65	0.05	1.90	13.6	94.7	0.10
E5251963 (3487029)	0.22	1.04	11.2	<0.005	<5	73	0.28	0.24	0.94	0.06	35.6	23.6	199	0.42
E5251964 (3487030)	0.06	2.76	12.7	0.009	<5	145	0.43	0.38	0.31	0.02	23.1	38.3	100	1.54
E5251965 (3487031)	0.10	2.44	3.1	0.005	<5	80	0.56	0.17	0.61	0.11	31.0	29.1	144	0.98
E5251966 (3487032)	0.34	1.07	4.2	0.038	<5	67	0.25	0.30	1.14	0.36	21.6	14.7	180	0.17
E5251967 (3487033)	0.06	1.51	1.8	<0.005	<5	163	0.26	0.18	0.84	0.09	41.7	23.2	229	1.16
E5251968 (3487034)	0.34	1.68	5.8	0.077	<5	65	0.40	0.18	0.85	0.14	17.1	32.3	181	0.50
E5251969 (3487035)	0.46	1.36	13.4	0.006	<5	34	0.42	0.16	0.84	0.11	26.6	18.1	136	0.20
E5251970 (3487036)	0.20	1.47	9.0	0.008	<5	23	0.32	0.13	0.61	0.11	56.4	22.5	218	0.24
E5251982 (3487036)	0.05	3.03	1.9	<0.005	<5	158	0.42	0.14	0.71	0.06	50.3	24.2	99.9	1.94
E5251988 (3487037)	0.14	3.27	7.4	0.007	<5	146	0.47	0.13	0.91	0.13	28.9	30.5	85.3	0.97
E5251990 (3487038)	0.13	2.65	1.8	<0.005	<5	104	0.32	0.14	0.85	0.10	26.4	21.3	162	1.16
E5251991 (3487039)	0.12	1.38	4.6	0.014	<5	88	0.24	0.17	0.57	0.04	38.7	8.9	139	1.26
E5251992 (3487040)	0.12	2.23	22.8	0.008	<5	117	0.33	0.09	0.81	0.20	11.9	28.9	113	0.25
E5251993 (3487041)	0.06	2.31	11.5	<0.005	<5	103	0.56	0.11	1.32	0.08	16.6	18.4	113	0.63
E5251994 (3487042)	0.06	2.09	2.1	0.006	<5	173	0.63	0.11	0.48	0.02	44.6	17.2	59.1	1.68
E5251995 (3487043)	0.04	3.44	3.0	0.011	<5	148	0.50	0.20	0.89	0.02	15.1	24.5	125	7.18
E5251996 (3487044)	0.55	1.09	3.6	0.005	<5	200	0.34	0.13	2.31	0.04	16.5	5.0	65.7	1.37
E5251997 (3487045)	0.07	1.27	1.3	<0.005	<5	19	0.33	0.24	0.82	0.05	13.6	19.0	284	0.28
E5251998 (3487046)	0.15	3.18	1.2	<0.005	<5	255	0.59	0.22	0.66	0.53	27.6	21.9	93.7	4.24
E5252000 (3487047)	0.11	2.75	2.2	<0.005	<5	174	0.60	0.41	0.71	0.06	26.1	28.6	193	1.92
E5252001 (3487048)	0.06	2.88	4.1	0.045	<5	67	0.55	0.33	0.33	0.04	8.33	6.3	162	2.76
E5252002 (3487049)	0.33	2.48	1.4	<0.005	<5	104	0.61	1.54	0.84	0.09	30.3	86.4	201	1.28
E5252003 (3487050)	0.22	2.51	27.5	0.599	<5	43	0.44	0.85	1.08	0.14	24.7	26.6	94.3	0.31
E5252004 (3487051)	0.19	1.02	14.5	<0.005	<5	52	0.26	0.12	2.68	0.09	19.7	14.3	331	0.63
E5252005 (3487052)	0.22	3.63	1.6	0.009	<5	113	0.26	0.27	0.83	0.38	22.7	53.7	156	4.17
E5252006 (3487053)	0.08	1.09	2.0	<0.005	<5	77	0.27	0.08	0.57	0.06	18.8	11.1	118	0.85

Certified By:

AGAT CERTIFICATE OF ANALYSIS (V1)



Certificate of Analysis

AGAT WORK ORDER: 22B861049
PROJECT:

5623 McADAM ROAD
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CANADA L4Z 1N9
TEL (905)601-9988
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http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Randy Stewart

DATE SAMPLED:	Feb 06, 2022	DATE RECEIVED:	Feb 04, 2022	DATE REPORTED:	Apr 01, 2022	SAMPLE TYPE: Rock									
Sample ID (AGAT ID)	Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	RDL:														
E5251960 (3487026)		395	3.54	5.70	0.12	0.21	0.01	0.029	0.23	8.3	22.7	1.88	536	0.93	0.05
E5251961 (3487027)		4.9	1.46	2.74	0.09	0.06	<0.01	0.013	0.02	1.0	9.5	0.91	216	0.68	0.02
E5251962 (3487028)		185	2.43	4.52	0.29	0.19	<0.01	0.015	0.33	16.0	7.0	0.52	364	1.17	0.07
E5251965 (3487029)		<0.5	4.39	11.7	0.18	0.23	<0.01	0.014	0.68	9.9	37.1	2.13	418	2.86	0.05
E5251966 (3487030)		31.1	4.50	7.13	0.22	0.21	0.02	0.016	0.20	13.8	20.9	1.65	1040	0.68	0.03
E5251967 (3487031)		267	2.12	5.40	0.21	0.18	0.04	0.063	0.14	8.9	9.4	0.49	325	1.35	0.05
E5251968 (3487032)		42.4	2.69	7.12	0.23	0.20	<0.01	0.011	0.52	21.1	11.6	1.03	375	2.06	0.04
E5251970 (3487033)		279	3.30	4.91	0.15	0.14	<0.01	0.017	0.39	7.8	15.8	1.11	488	1.37	0.05
E5251976 (3487034)		90.2	2.26	4.85	0.20	0.24	<0.01	0.011	0.09	12.3	11.1	1.03	398	1.39	0.06
E5251981 (3487035)		124	2.86	8.18	0.36	0.48	<0.01	0.013	0.07	24.6	10.7	0.87	357	7.56	0.07
E5251982 (3487036)		80.4	5.37	8.27	0.30	0.31	<0.01	0.013	0.78	23.7	30.2	2.05	928	1.44	0.03
E5251988 (3487037)		93.9	6.06	11.0	0.21	0.14	0.01	0.013	0.41	12.4	18.6	2.17	1360	0.83	0.06
E5251990 (3487038)		45.7	4.75	10.3	0.22	0.22	<0.01	0.028	0.38	12.0	30.2	1.46	526	1.06	0.06
E5251991 (3487039)		65.1	2.54	6.87	0.34	0.45	<0.01	0.024	0.41	17.0	12.8	0.67	456	1.43	0.07
E5251992 (3487040)		82.6	3.81	6.29	0.11	0.13	<0.01	0.016	0.23	4.8	23.9	1.20	795	0.30	0.03
E5251993 (3487041)		16.7	4.49	7.14	0.12	0.35	<0.01	0.017	0.47	7.1	19.6	1.11	736	0.51	0.06
E5251994 (3487042)		20.6	2.95	10.3	0.26	0.44	<0.01	0.026	1.04	19.4	23.6	0.89	218	1.24	0.11
E5251995 (3487043)		106	8.49	7.68	0.18	0.18	0.01	0.013	0.93	6.3	25.8	1.65	683	1.31	<0.01
E5251996 (3487044)		<0.5	1.53	3.67	0.12	0.30	<0.01	0.022	0.70	6.8	9.2	0.49	350	0.47	0.03
E5251997 (3487045)		43.2	3.76	3.86	0.08	0.15	<0.01	0.012	0.07	6.0	8.8	0.92	467	0.85	0.03
E5251998 (3487046)		47.1	5.37	9.13	0.26	0.23	<0.01	0.019	1.65	10.9	32.8	2.43	855	1.17	0.05
E5252000 (3487047)		74.8	6.51	5.99	0.22	0.30	<0.01	0.011	1.16	11.4	21.2	1.69	783	0.71	0.03
E5252001 (3487048)		32.2	8.47	8.76	0.27	0.21	<0.01	0.029	0.45	3.5	20.2	0.85	837	1.31	<0.01
E5252002 (3487049)		435	7.01	7.85	0.24	0.45	<0.01	0.011	0.50	12.0	17.8	1.50	581	1.63	0.02
E5252003 (3487050)		15.6	4.65	5.85	0.27	0.22	<0.01	0.033	0.20	9.7	21.4	1.18	645	1.61	0.02
E5252004 (3487051)		219	2.19	3.78	0.16	0.33	<0.01	0.019	0.21	8.9	8.4	0.47	470	1.54	0.04
E5252005 (3487052)		209	7.89	13.1	0.29	0.20	0.02	0.026	0.75	10.3	29.5	2.32	780	1.68	0.03
E5252006 (3487053)		5.1	2.22	3.49	0.14	0.32	<0.01	0.013	0.32	8.1	8.6	0.52	411	0.84	0.08

Certified By:

AGAT CERTIFICATE OF ANALYSIS (V1)

Page 5 of 15



Certificate of Analysis
 AGAT WORK ORDER: 22B861049
 PROJECT:

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

ATTENTION TO: Randy Stewart

CLIENT NAME: MISC AGAT CLIENT ON

Sample ID (AGAT ID)	Analyte:		DATE RECEIVED: Feb 04, 2022		DATE REPORTED: Apr 01, 2022		SAMPLE TYPE: Rock								
	Unit:	RDL:	Pb ppm	%	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	
E5251960 (3487026)	0.40	0.05	39.0	0.131	6.1	11.1	0.008	0.57	3.8	3.7	2.4	0.7	31.6	0.02	0.20
E5251961 (3487027)	0.31	0.05	32.3	0.010	6.3	1.0	0.007	0.05	0.25	1.4	0.6	0.4	41.4	0.02	0.18
E5251962 (3487028)	0.65	0.05	39.6	0.145	3.3	22.5	0.007	0.14	0.18	2.9	1.6	0.6	18.4	0.02	0.08
E5251965 (3487029)	0.25	0.05	41.4	0.102	1.6	30.1	0.009	0.40	0.35	6.1	2.3	0.7	9.2	0.01	0.11
E5251966 (3487030)	0.82	0.05	48.9	0.072	6.0	11.7	0.005	0.38	0.31	3.2	1.3	0.5	25.1	0.01	0.13
E5251967 (3487031)	0.90	0.05	3.0	0.115	6.5	4.6	0.006	0.19	0.21	1.8	1.8	0.9	23.7	0.01	0.22
E5251968 (3487032)	0.46	0.05	48.5	0.051	4.8	28.6	0.006	0.20	0.19	3.1	1.9	0.4	23.3	0.01	0.08
E5251970 (3487033)	0.55	0.05	42.2	0.127	1.8	26.4	0.006	0.27	0.17	2.2	1.6	0.6	18.3	0.01	0.21
E5251976 (3487034)	0.62	0.05	28.1	0.085	3.8	3.5	0.006	0.03	0.40	3.0	1.6	1.0	40.2	0.01	0.08
E5251981 (3487035)	1.49	0.05	7.5	0.072	8.7	3.1	0.006	0.18	0.16	3.4	2.7	0.5	15.3	<0.01	0.06
E5251982 (3487036)	0.37	0.05	21.9	0.128	2.6	30.4	0.006	0.30	0.16	3.0	1.3	0.5	20.2	0.01	0.14
E5251988 (3487037)	0.42	0.05	48.4	0.132	12.6	23.1	0.007	0.22	0.25	3.8	1.2	0.5	17.1	<0.01	0.05
E5251990 (3487038)	0.70	0.05	50.0	0.057	15.5	19.6	0.007	0.03	0.23	4.4	1.6	0.9	41.6	<0.01	0.15
E5251991 (3487039)	0.66	0.05	10.7	0.081	4.8	22.5	0.006	0.14	0.12	2.7	1.8	0.6	15.8	0.01	0.14
E5251992 (3487040)	0.41	0.05	52.8	0.109	3.9	7.2	0.008	<0.01	0.14	2.6	1.7	1.8	13.3	0.02	0.24
E5251993 (3487041)	0.60	0.05	25.9	0.131	2.6	23.0	0.005	0.01	0.25	4.1	1.4	0.6	20.2	<0.01	0.10
E5251994 (3487042)	0.49	0.05	10.0	0.152	2.0	39.1	0.004	0.20	0.16	4.5	1.6	0.9	13.6	<0.01	0.05
E5251995 (3487043)	0.38	0.05	49.9	0.091	2.2	64.5	0.006	0.17	0.34	3.8	1.7	0.5	94.6	0.02	0.20
E5251996 (3487044)	0.78	0.05	18.4	0.126	3.1	24.7	0.004	0.04	0.46	3.0	0.8	0.5	55.9	0.02	0.08
E5251997 (3487045)	0.72	0.05	25.8	0.124	5.2	3.9	0.004	0.92	0.25	1.9	<0.2	0.5	26.7	0.01	0.14
E5251998 (3487046)	0.39	0.05	36.4	0.148	7.1	77.1	0.006	0.24	0.29	3.8	2.9	0.5	21.3	0.01	0.06
E5252000 (3487047)	0.40	0.05	38.5	0.145	3.3	63.8	0.006	1.11	0.31	2.8	0.9	0.5	20.9	<0.01	0.05
E5252001 (3487048)	0.25	0.05	7.0	0.063	2.6	35.6	0.006	0.75	0.40	3.4	1.3	0.5	12.9	<0.01	0.21
E5252002 (3487049)	0.75	0.05	14.0	0.126	4.0	28.2	0.005	2.98	0.36	5.6	2.2	0.4	16.1	<0.01	0.36
E5252003 (3487050)	0.65	0.05	21.0	0.188	5.0	6.2	0.005	0.16	0.40	2.5	0.5	0.8	35.4	<0.01	0.57
E5252004 (3487051)	0.72	0.05	16.9	0.126	2.2	12.5	0.005	0.03	0.26	3.4	0.7	0.5	22.1	<0.01	0.09
E5252005 (3487052)	0.24	0.05	70.2	0.090	7.4	52.7	0.004	0.90	0.15	4.0	1.9	0.4	17.7	<0.01	0.16
E5252006 (3487053)	1.16	0.05	17.9	0.074	3.7	16.6	0.004	0.04	0.10	3.7	1.1	0.5	19.9	<0.01	0.06

Certified By:

AGAT CERTIFICATE OF ANALYSIS (V1)



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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Randy Stewart

Sample ID (AGAT ID)	Analyte: Unit: RDL:	DATE RECEIVED: Feb 04, 2022				DATE REPORTED: Apr 01, 2022				SAMPLE TYPE: Rock	
		Th	Ti	U	V	W	Y	Zn	Zr		
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
E5251960 (3487026)		1.6	0.705	<0.01	0.28	49.1	0.64	4.34	93.5	6.8	0.5
E5251961 (3487027)		0.4	0.071	<0.01	0.06	20.6	0.28	0.96	20.1	1.3	0.5
E5251962 (3487028)		2.1	0.149	<0.01	0.12	49.1	0.56	4.16	33.0	6.5	0.5
E5251965 (3487029)		2.4	0.115	0.05	0.16	73.0	0.47	5.25	69.3	8.3	0.5
E5251966 (3487030)		2.9	0.279	<0.01	0.11	72.2	0.35	3.82	117	7.7	0.5
E5251967 (3487031)		1.3	0.117	<0.01	0.09	7.2	0.56	8.50	158	5.9	0.5
E5251968 (3487032)		5.4	0.099	0.11	1.03	27.3	0.19	6.31	58.9	6.5	0.5
E5251970 (3487033)		0.9	0.207	<0.01	0.07	64.9	5.23	3.47	76.3	3.9	0.5
E5251976 (3487034)		2.1	0.186	<0.01	0.16	36.4	0.74	5.02	50.1	6.4	0.5
E5251981 (3487035)		3.8	0.123	<0.01	0.21	18.3	0.28	7.29	66.3	18.8	0.5
E5251982 (3487036)		2.5	0.204	0.09	0.17	62.4	0.85	4.65	94.8	12.7	0.5
E5251988 (3487037)		1.5	0.269	<0.01	0.07	122	0.48	3.95	119	5.5	0.5
E5251990 (3487038)		3.7	0.185	<0.01	0.47	77.1	0.45	5.77	74.4	6.9	0.5
E5251991 (3487039)		3.6	0.110	<0.01	0.35	12.0	0.61	7.92	49.8	16.0	0.5
E5251992 (3487040)		1.4	0.164	<0.01	0.10	45.2	0.10	3.33	122	4.7	0.5
E5251993 (3487041)		3.3	0.277	<0.01	0.25	62.1	0.17	5.83	92.9	13.5	0.5
E5251994 (3487042)		4.3	0.146	0.05	0.28	30.8	0.29	10.8	34.4	19.0	0.5
E5251995 (3487043)		2.0	0.201	0.38	0.28	59.3	0.35	4.10	84.7	5.4	0.5
E5251996 (3487044)		2.3	0.199	0.06	0.18	30.9	0.35	4.93	24.2	10.3	0.5
E5251997 (3487045)		1.2	0.169	<0.01	0.10	32.0	0.20	3.48	48.6	3.3	0.5
E5251998 (3487046)		1.9	0.321	0.33	0.18	86.8	0.30	5.21	161	6.4	0.5
E5252000 (3487047)		2.0	0.268	0.12	0.14	59.3	0.22	4.36	85.9	11.4	0.5
E5252001 (3487048)		1.3	0.134	0.16	0.12	46.4	0.51	5.36	58.8	8.0	0.5
E5252002 (3487049)		2.7	0.248	0.03	0.29	61.6	0.53	5.29	67.7	17.5	0.5
E5252003 (3487050)		2.0	0.231	<0.01	0.17	43.0	0.53	4.85	72.4	7.3	0.5
E5252004 (3487051)		2.9	0.177	<0.01	0.18	44.8	0.37	3.97	38.3	11.3	0.5
E5252005 (3487052)		3.0	0.142	0.14	0.33	100	0.11	8.50	165	8.1	0.5
E5252006 (3487053)		2.8	0.165	<0.01	0.30	27.7	0.33	5.57	35.0	12.1	0.5

Certified By:

AGAT CERTIFICATE OF ANALYSIS (V1)



Certificate of Analysis

AGAT WORK ORDER: 22B861049

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905) 601-8998
FAX (905) 601-0689
<http://www.agatlabs.com>

ATTENTION TO: Randy Stewart

CLIENT NAME: MISC AGAT CLIENT ON

DATE SAMPLED: Feb 06, 2022	DATE RECEIVED: Feb 04, 2022	DATE REPORTED: Apr 01, 2022
(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish		
SAMPLE TYPE: Rock		

Comments: RDL - Reported Detection Limit

3487026-3487053 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 *)

Insufficient Sample: IS

Sample Not Received: SNR

Certified By:

AGAT CERTIFICATE OF ANALYSIS (V1)



Certificate of Analysis
 AGAT WORK ORDER: 22B861049
 PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)601-9988
 FAX (905)601-0589
 http://www.agatlabs.com

ATTENTION TO: Randy Stewart

CLIENT NAME: MISC AGAT CLIENT ON

DATE SAMPLED: Feb 06, 2022	DATE RECEIVED: Feb 04, 2022	DATE REPORTED: Apr 01, 2022	SAMPLE TYPE: Rock																
Sieving - % Passing (Crushing)																			
<table border="0"> <tr> <td>Analyte:</td> <td>Crush-Pass</td> <td></td> <td></td> </tr> <tr> <td></td> <td>%</td> <td></td> <td></td> </tr> <tr> <td>Unit:</td> <td>%</td> <td></td> <td></td> </tr> <tr> <td>RDL:</td> <td>0.01</td> <td></td> <td></td> </tr> </table>				Analyte:	Crush-Pass				%			Unit:	%			RDL:	0.01		
Analyte:	Crush-Pass																		
	%																		
Unit:	%																		
RDL:	0.01																		
Sample ID (AGAT ID)																			
E5251960 (3487026)	93																		
E5251998 (3487046)	93																		

Comments: RDL - Reported Detection Limit
 Analysis performed at AGAT 1046 Gornham St, Thunder Bay, ON (unless marked by *)
 Insufficient Sample : IS
 Sample Not Received : SNR

Certified By:

AGAT CERTIFICATE OF ANALYSIS (V1)



Certificate of Analysis
AGAT WORK ORDER: 22B861049
PROJECT:

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

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Randy Stewart

DATE SAMPLED: Feb 06, 2022	DATE RECEIVED: Feb 04, 2022	DATE REPORTED: Apr 01, 2022	SAMPLE TYPE: Rock												
Sieving - % Passing (Pulverizing)															
<table border="0"> <tr> <td>Analyte: Pul-Pass %</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Unit: %</td> <td></td> <td></td> <td></td> </tr> <tr> <td>RDL: 0.01</td> <td></td> <td></td> <td></td> </tr> </table>				Analyte: Pul-Pass %				Unit: %				RDL: 0.01			
Analyte: Pul-Pass %															
Unit: %															
RDL: 0.01															
Sample ID (AGAT ID)															
E5251960 (3487026)	93														
E5251961 (3487027)	91														

Comments: RDL - Reported Detection Limit
 Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)
 Insufficient Sample : IS
 Sample Not Received : SNR

Certified By:

AGAT CERTIFICATE OF ANALYSIS (V1)

Page 10 of 15

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

Quality Assurance - Replicate
AGAT WORK ORDER: 22B861049
PROJECT:



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Randy Stewart

Parameter	REPLICATE #1			REPLICATE #2			REPLICATE #3					
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	3487027	0.09	0.02	123.3%	3487042	0.06	0.05	18.6%	3487052	0.22	0.25	15.6%
Al	3487027	0.91	0.92	1.2%	3487042	2.09	2.03	2.8%	3487052	3.63	3.57	1.8%
As	3487027	7.40	6.93	6.6%	3487042	2.14	2.44	13.1%	3487052	1.6	1.5	6.5%
Au	3487027	0.005	0.005	0.0%	3487042	0.006	0.009		3487052	0.009	< 0.005	
B	3487027	<5	<5	0%	3487042	<5	<5	0%	3487052	<5	<5	0%
Ba	3487027	9	8	7.5%	3487042	173	167	3.3%	3487052	113	112	0.7%
Be	3487027	0.36	0.36	0.7%	3487042	0.63	0.58	8.2%	3487052	0.26	0.28	5.6%
Bi	3487027	0.209	0.192	8.5%	3487042	0.11	0.11	0.0%	3487052	0.27	0.25	7.7%
Ca	3487027	0.65	0.66	0.9%	3487042	0.48	0.46	3.2%	3487052	0.83	0.80	4%
Cd	3487027	0.05	0.02		3487042	0.02	0.02	0.0%	3487052	0.38	0.38	0.0%
Ce	3487027	1.90	1.75	8.2%	3487042	44.6	44.0	1.4%	3487052	22.7	21.5	5.4%
Co	3487027	13.6	13.4	1.5%	3487042	17.2	16.5	4.2%	3487052	53.7	51.9	3.4%
Cr	3487027	94.7	99.1	4.5%	3487042	59.1	57.0	3.5%	3487052	156	243	43.4%
Cs	3487027	0.104	0.114	9.2%	3487042	1.68	1.57	6.8%	3487052	4.17	4.01	3.9%
Cu	3487027	4.9	2.6	62.3%	3487042	20.6	19.4	5.8%	3487052	209	208	0.7%
Fe	3487027	1.46	1.49	1.4%	3487042	2.95	2.88	2.3%	3487052	7.89	7.78	1.5%
Ga	3487027	2.74	2.76	0.7%	3487042	10.3	9.77	5.3%	3487052	13.1	13.0	0.8%
Ge	3487027	0.09	0.09	0.0%	3487042	0.261	0.244	6.7%	3487052	0.29	0.29	0.0%
Hf	3487027	0.06	0.06	0.0%	3487042	0.44	0.42	4.7%	3487052	0.204	0.225	9.8%
Hg	3487027	< 0.01	< 0.01	0.0%	3487042	< 0.01	< 0.01	0.0%	3487052	0.02	0.02	0.0%
In	3487027	0.0129	0.0146	12.4%	3487042	0.0257	0.0230	11.1%	3487052	0.026	0.018	
K	3487027	0.02	0.02	0.4%	3487042	1.04	1.00	4%	3487052	0.75	0.74	1%
La	3487027	0.99	0.93	6.3%	3487042	19.4	19.2	1.0%	3487052	10.3	9.9	4.0%
Li	3487027	9.5	9.8	2.9%	3487042	23.6	22.5	4.8%	3487052	29.5	28.3	4.3%
Mg	3487027	0.91	0.93	2.2%	3487042	0.89	0.87	2.4%	3487052	2.32	2.27	2.3%
Mn	3487027	216	219	1.4%	3487042	218	212	3.1%	3487052	780	763	2.1%
Mo	3487027	0.68	0.57	17.6%	3487042	1.24	1.15	7.5%	3487052	1.68	1.74	3.5%
Na	3487027	0.02	0.02	1.3%	3487042	0.11	0.10	3.3%	3487052	0.03	0.03	1.7%
Nb	3487027	0.306	0.257	17.4%	3487042	0.49	0.46	6.3%	3487052	0.236	0.204	14.5%
Ni	3487027	32.3	32.4	0.2%	3487042	10.0	9.7	3.5%	3487052	70.2	68.8	2.1%
P	3487027	0.010	0.009	9.7%	3487042	0.152	0.150	1.3%	3487052	0.090	0.089	1.3%

AGAT QUALITY ASSURANCE REPORT



Quality Assurance - Replicate
AGAT WORK ORDER: 22B861049
PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905) 601-8988
 FAX (905) 601-0689
<http://www.agatlabs.com>

CLIENT NAME: MISC AGAT CLIENT ON		ATTENTION TO: Randy Stewart										
Pb	3487027	6.3	1.2	135.8%	3487042	2.0	1.9	3.1%	3487052	7.4	7.0	5.5%
Rb	3487027	1.0	1.1	9.5%	3487042	39.1	37.5	4.2%	3487052	52.7	52.6	0.2%
Re	3487027	0.0071	0.0065	8.8%	3487042	0.004	0.005	22.2%	3487052	0.004	0.004	0.0%
S	3487027	0.05	0.05	1.9%	3487042	0.20	0.19	1.1%	3487052	0.90	0.87	3.7%
Sb	3487027	0.254	0.215	16.6%	3487042	0.161	0.170	5.4%	3487052	0.152	0.161	5.8%
Sc	3487027	1.4	1.4	0.9%	3487042	4.5	4.5	0.9%	3487052	4.0	3.7	6.1%
Se	3487027	0.64	0.83	25.9%	3487042	1.6	1.0		3487052	1.94	2.10	7.9%
Sn	3487027	0.4	0.4	0.0%	3487042	0.85	0.76	11.2%	3487052	0.45	0.45	0.0%
Sr	3487027	41.4	41.1	0.7%	3487042	13.6	13.1	4%	3487052	17.7	16.6	6.4%
Ta	3487027	0.02	0.02	0.0%	3487042	< 0.01	< 0.01	0.0%	3487052	< 0.01	< 0.01	0.0%
Te	3487027	0.18	< 0.01		3487042	0.05	0.06	18.2%	3487052	0.16	0.19	17.1%
Th	3487027	0.4	0.4	0.0%	3487042	4.28	4.22	1.4%	3487052	3.00	2.94	2.0%
Ti	3487027	0.071	0.072	1.2%	3487042	0.146	0.141	3.6%	3487052	0.142	0.135	5.1%
Tl	3487027	< 0.01	< 0.01	0.0%	3487042	0.05	0.04	22.2%	3487052	0.14	0.14	0.0%
U	3487027	0.06	0.06	0.0%	3487042	0.277	0.270	2.6%	3487052	0.327	0.313	4.4%
V	3487027	20.6	20.1	2.5%	3487042	30.8	30.8	0%	3487052	100	99.6	0.6%
W	3487027	0.28	0.23	19.6%	3487042	0.29	0.26	10.9%	3487052	0.111	0.092	18.7%
Y	3487027	0.96	1.04	8.0%	3487042	10.8	10.0	7.7%	3487052	8.50	7.89	7.4%
Zn	3487027	20.1	15.6	25.1%	3487042	34.4	34.4	0.1%	3487052	165	160	3.2%
Zr	3487027	1.3	1.3	0.0%	3487042	19.0	18.0	5.4%	3487052	8.11	7.51	7.7%



Quality Assurance - Certified Reference materials
AGAT WORK ORDER: 22B8861049
PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905) 601-8688
 FAX (905) 601-0689
<http://www.agatlabs.com>

ATTENTION TO: Randy Stewart

CLIENT NAME: MISC AGAT CLIENT ON

Parameter	CRM #1 (ref.ME-1308)			CRM #2 (ref.ME-1308)			CRM #3 (ref.ME-1206)					
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag	45.7	44.7	98%	80% - 120%	45.7	45.0	98%	80% - 120%	274.0	>100	105%	80% - 120%
Cu	3980.0	3930	99%	80% - 120%	3980.0	3830	96%	80% - 120%				
Pb	5410.0	5720	106%	80% - 120%	5410.0	5570	103%	80% - 120%	8010.0	8280	103%	80% - 120%
Zn	4290.0	4200	98%	80% - 120%	4290.0	4180	97%	80% - 120%				



5623 McADAM ROAD
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Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 22B861049

PROJECT:

ATTENTION TO: Randy Stewart

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

Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 22B861049

PROJECT:

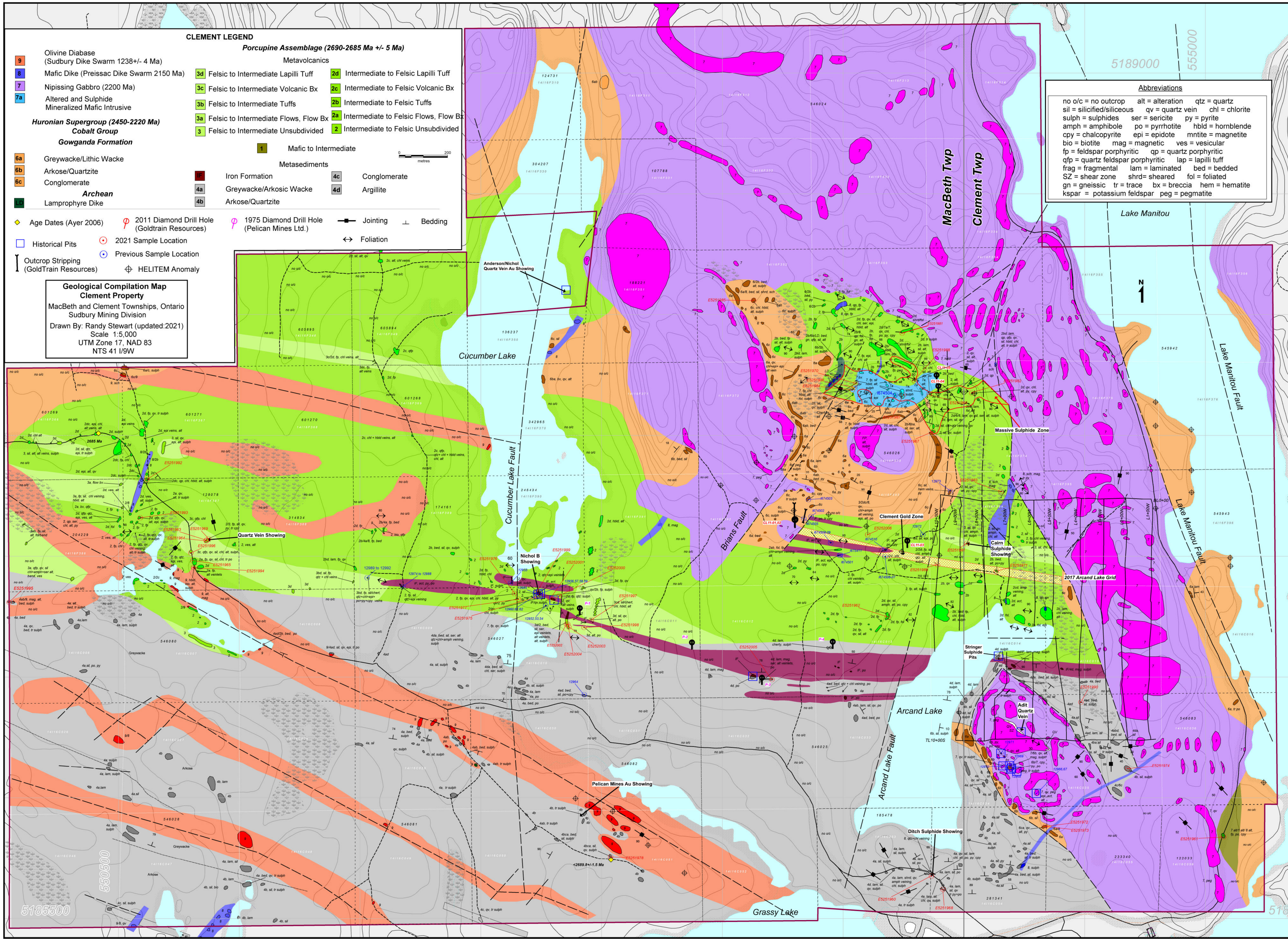
ATTENTION TO: Randy Stewart

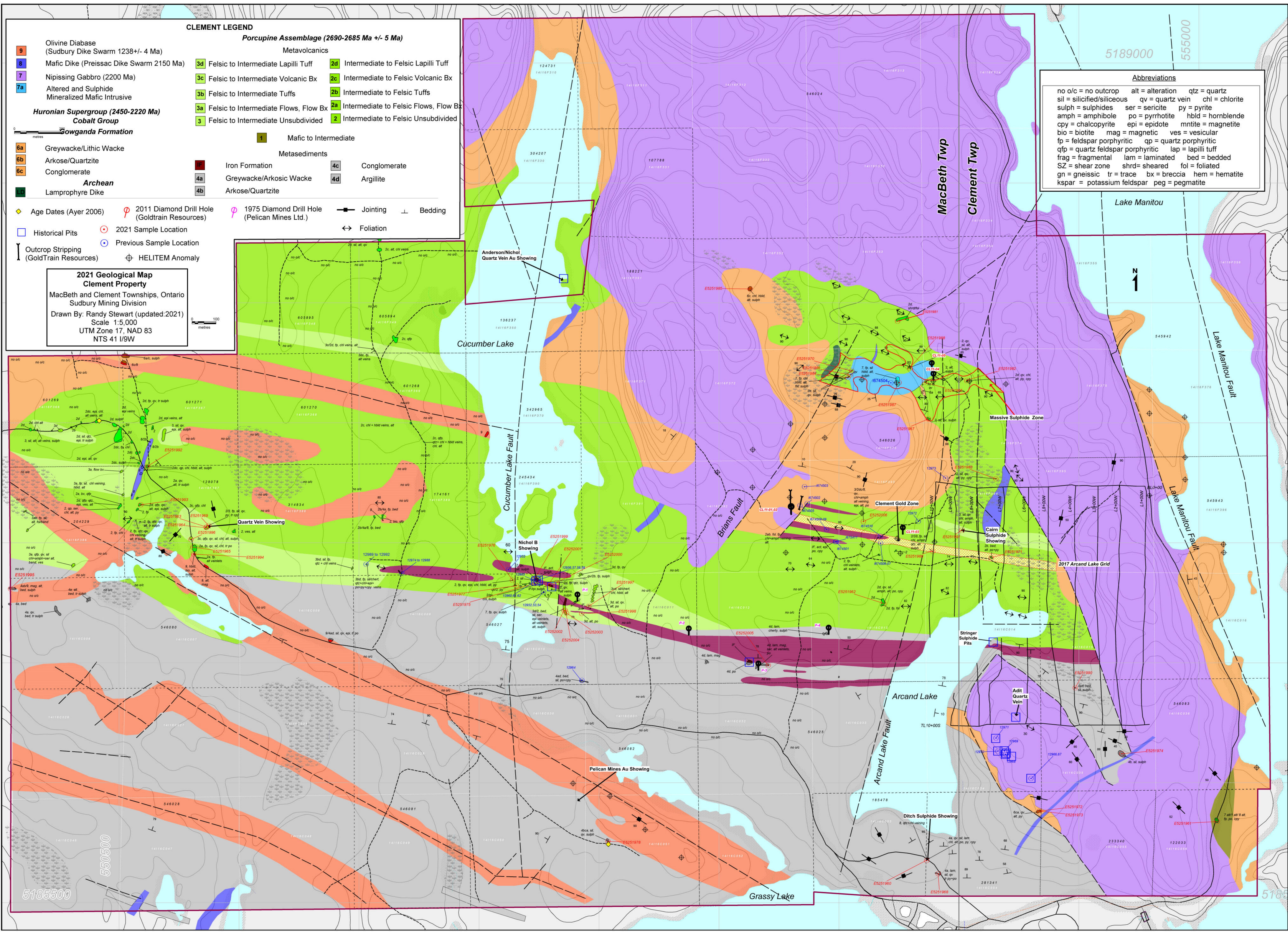
SAMPLING SITE:

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
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

MAPS





2021 Clement Daily Log

	2021	Personnel	Task/Objective	Claims (Days)
1	10-May	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	281341 (1.00)
2	11-May	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	122033 (0.25), 174161 (0.75)
3	12-May	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	128078 (1.00)
4	19-May	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	128078 (1.00)
5	20-May	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	128078 (1.00)
6	21-May	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	128078 (1.00)
7	29-May	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	128078 (0.50), 314834 (0.50)
8	30-May	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546026 (1.00)
9	01-Jun	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546026 (1.00)
10	02-Jun	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546026 (1.00)
11	03-Jun	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546026 (1.00)
12	10-Jun	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546026 (1.00)
13	11-Jun	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546083 (1.00)
14	15-Jun	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546083 (0.50), 342965 (0.50)
15	16-Jun	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546027 (1.00)
16	17-Jun	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546027 (1.00)
17	06-Jul	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546027 (1.00)
18	07-Jul	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546082 (0.75), 546025 (0.25)
19	13-Jul	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546026 (1.00)
20	14-Jul	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546026 (1.00)
21	16-Jul	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546026 (1.00)

2021 Clement Daily Log

	2021	Personnel	Task/Objective	Claims (Days)
22	17-Jul	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546026 (1.00)
23	03-Aug	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546026 (1.00)
24	04-Aug	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546080 (1.00)
25	05-Aug	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546027 (1.00)
26	06-Aug	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546027 (1.00)
27	16-Aug	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546027 (1.00)
28	17-Aug	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546027 (1.00)
29	26-Aug	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	546025 (0.50), 605895 (0.50)
30	27-Aug	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	601268 (0.75), 601270 (0.25)
31	12-Sep	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	601269 (0.50), 601270 (0.50)
32	13-Sep	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	601269 (1.00)
33	14-Sep	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	601269 (1.00)
34	19-Sep	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	601271 (1.00)
35	20-Sep	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	601271 (1.00)
36	30-Sep	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	601271 (1.00)
37	01-Oct	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	601271 (0.50), 605894 (0.50)
38	19-Oct	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	605894 (1.00)
39	20-Oct	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	605895 (1.00)
40	28-Oct	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	204229 (1.00)
41	29-Oct	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	204229 (1.00)
42	15-Nov	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	204229 (0.50), 245434 (0.50)

2021 Clement Daily Log

	2021	Personnel	Task/Objective	Claims (Days)
43	16-Nov	Randy Stewart (Geologist) and Brian Wright (Technician)	Mapping, Prospecting and Sampling	245434 (1.00)
44	01-Dec	Randy Stewart (Geologist)	Report Writing and Map Making	All (1.00)
45	12-Dec	Randy Stewart (Geologist)	Report Writing and Map Making	All (1.00)
46	13-Dec	Randy Stewart (Geologist)	Report Writing and Map Making	All (1.00)
47	30-Dec	Randy Stewart (Geologist)	Report Writing and Map Making	All (1.00)
48	31-Dec	Randy Stewart (Geologist)	Report Writing and Map Making	All (1.00)
	2022			
49	21-Feb	Randy Stewart (Geologist)	Report Writing and Map Making	All (1.00)

2021 Labour Costs: Clement Property

2021	Personnel	Cost/Day (\$)
10-May	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
11-May	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
12-May	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
19-May	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
20-May	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
21-May	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
29-May	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
30-May	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
01-Jun	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
02-Jun	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
03-Jun	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
10-Jun	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
11-Jun	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
15-Jun	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
16-Jun	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
17-Jun	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
06-Jul	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
07-Jul	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
13-Jul	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
14-Jul	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
16-Jul	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
17-Jul	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
03-Aug	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
04-Aug	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
05-Aug	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
06-Aug	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
16-Aug	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
17-Aug	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00

2021 Labour Costs: Clement Property

2021	Personnel	Cost/Day (\$)
26-Aug	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
27-Aug	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
12-Sep	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
13-Sep	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
14-Sep	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
19-Sep	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
20-Sep	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
30-Sep	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
01-Oct	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
19-Oct	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
20-Oct	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
28-Oct	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
29-Oct	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
15-Nov	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
16-Nov	Randy Stewart (Geologist)	675.00
	Brian Wright (Technician)	500.00
	Labour	50525.00
01-Dec	Randy Stewart (Geologist)	675.00
12-Dec	Randy Stewart (Geologist)	675.00
13-Dec	Randy Stewart (Geologist)	675.00
30-Dec	Randy Stewart (Geologist)	675.00
31-Dec	Randy Stewart (Geologist)	675.00
Feb 21\ 2022	Randy Stewart (Geologist)	675.00
	Report	4050.00
	Total Labour	54575.00