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# ASSESSMENT REPORT: 2021 Geological Mapping, Trenching and Costean sampling; Clement and Pardo Township, Ontario.

# INVENTUS

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#### 1. Introduction

Inventus Mining conducted exploration during the months of April – December 2021 on the Advanced Pardo Gold Project. The program consisted of geological mapping, trenching/channel sampling, and costean sampling. Work was completed on Lease # 109722 under exploration permit # PR-20-000272. Mount Logan Resources Ltd., Is a whole-owned subsidiary of Inventus Mining Corp. (TSX.V: IVS)

## 2. Locations, Access and Physiography

The Pardo project is located approximately 65 kilometers northeast of Sudbury, in the Sudbury Mining Division, east-central Ontario (Figure 1). The property is primarily located in the center west of Pardo Township. Access to the property from Sudbury is achieved by taking the Trans-Canada Highway 17 east to the town of Warren, then by turning north onto the paved Highway 539 to the small community of River Valley. From there you take the paved Highway 539A which then turns into the all-weather gravel Highway 805. Head north approximately 32 kilometers, which crosses the western portion of the claim block. A Network of logging roads run east from Highway 805 providing additional access to the property. Approximately 10% of the claim block contains outcrop, with the remainder a mixture of thin soil to thick fluvial sand plains and in places boulder till dumps of significant thickness. Vegetation is comprised of, in places, stands of virgin red and white pine, to second growth mixed forests of pine, spruce, and poplar. Road access surrounding the project area is excellent. Water is also plentiful, with numerous lakes on the property.

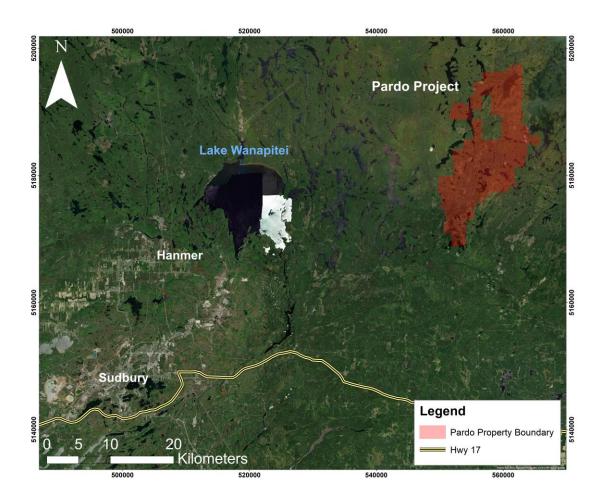


Figure 1 – Project location

# 3. Claim Summary of applied work

Township	Claim #	Holder	Ownership	Permit #	Expiry
Pardo/Clement	LEA-109722	Mount Logan Resources Ltd.	100%	PR-20-000272	2038-12-31
Clement	725804	Mount Logan Resources Ltd.	100%	PR-20-000272	2023-09-28
Pardo/Clement	725803	Mount Logan Resources Ltd.	100%	PR-20-000272	2023-09-12
Pardo/Clement	725802	Mount Logan Resources Ltd.	100%	PR-20-000272	2023-09-12

Table 1 – Claims descriptions

### 4. General geological setting

The regional geological setting is described by Dressler (1979) as follows.

The area is underlain by Precambrian rocks, which are locally covered by Pleistocene and Recent unconsolidated sediments.

Early Precambrian metavolcanics, metasediments, granitic rocks, and mafic intrusive rocks are the oldest in the area. The metavolcanics and metasediments were intruded by granitic rocks, emplaced approximately 2500 m.y. ago (Van Schmus 1965, Fairburn et al 1960). Early Precambrian mafic dykes also intruded the metasediments and metavolcanics and are believed to be younger than the granitic intrusions.

Middle Precambrian rocks of the Huronian Supergroup unconformably overlie the older rocks. They were deposited between 2150 to 2400 m.y. ago (Van Schmus, 1976), an age bracket which corresponds to the Aphebian of C. H. Stockwell (1964). Rocks of the Mississagi Formation, the Gowganda Formation, and the Lorrain Formation occur in the area. The Mississagi Formation consists of conglomerate, sandstone, greywacke and argillite. The Gowganda Formation is comprised of greywacke, conglomerate, arkosic wacke, and subarkose. The Lorrain Formation is primarily comprised of quartzite, sandstone, and minor silty wacke. Nipissing intrusive rocks (approximately 2150 M.a. old), mostly gabbros, intrude all other older formations. A late Precambrian olivine diabase dyke outcrops in northwestern Janes Township, immediately south of Pardo Township. All of the above lithologies occur north of the Grenville Front Boundary Fault, in the Southern Structural Province of the Canadian Shield.

South of the Grenville Front Boundary Fault, in the Grenville Structural Province, rocks consist of biotite-plagioclase gneiss, biotite-hornblende-plagioclase gneiss, feldspathic gneiss, amphibolite, gabbro, anorthosite, migmatite, olivine diabase, and ultramafic rocks.

## 5. Property Geology

The Pardo property is predominantly underlain by rocks of the Huronian Supergroup, and specifically by conglomerates, sandstones, siltstones and greywackes of the Mississagi Formation up through the Gowganda and Lorrain Formations (Long, 1986; Clark, 1998). The Nippising diabase and/or gabbro occur in northwest and west of the property in Clement, Macbeth, and McNish townships, and in the northeast of property in Vogt Township.

The northern two thirds of the property show a series of roughly north-south trending units of conglomerate and siltstone-sandstone. MacVeigh (1956) concluded the formations form a syncline trending north 20 degrees east and plunging 5 degrees to the southwest. While very few field observations of strikes and dips have been made, those few that have been observed confirm that the sediments do form narrow, north south trending localized basins, perhaps filling paleo scours in the Archean basement. The overall thickness of the Proterozoic sequence ranges from nil, where Archean greywackes are observed in outcrop on surface, to in excess of 377 meters, as documented by the 1956 diamond drilling completed by Pickle Crow Gold Mines in the area south of Silver Lake.

Where observed on outcrops, the basal conglomerate is generally matrix supported, with a highly variable clast size ranging from a few centimeters to in excess of 1 meter. Sorting in the conglomerate is generally very poor, suggesting the basal conglomerate may have a glacial origin as opposed to a fluvial genesis. Clast lithologies are also highly variable, but in decreasing abundance are quartz, siltstone/shale, chert, metavolcanics, banded iron formation, granite, diorite, and lesser-varied rock types.

Gold mineralization defined to date on the property is associated with basal pyrite quartz pebble conglomerate and/or pyrite-bearing polymictic conglomerate of the Mississagi Formation within 30 metres above the uncomformity of Archean basement metasediments.

#### 6. Previous Work

The first recorded work in the area is from **1932** (Bruce, 1932) when a small quartz vein was located immediately south of the current property boundary. The vein was stripped and sampled but yielded very low gold values.

Between **1932** and **1956**, there is no recorded work in the area. Between 1956 and 1957, much of the current property was held by Pickle Crow Gold Mines Limited, who were investigating the basal conglomerates for their uranium potential. That company completed two rounds of diamond drilling totaling 16 holes and 7,489 feet. Figure 4 illustrates the location of the Pickle Crow drill holes, as reported by MacVeigh (1956) and Thompson (1960). While the holes were routinely assayed for uranium, yielding only low and uneconomic values, only sporadic gold assays were reported, to a high of 0.055 opt over 10 feet.

From the **1974 to 1996**, the area comprising the property was withdrawn from staking, as part of the Bear Island Indian Caution. No exploration activity was allowed or reported during that period, though a limited Cobalt Embayment wide sampling program by the Ontario Geological Survey in 1980 sampled quartz pebble conglomerates located on the south shore of Tee Lake, and returned anomalous gold values to 165 ppb Au.

In **1996**, the property was staked by Vancouver based junior Tenajon Resources Corporation. In 1997, the company completed a two phase exploration program on the property, comprised of an initial 1:20,000 reconnaissance scale mapping and sampling program (see Figure 3), followed by a mechanized stripping and channel sampling program on the property. That work resulted in the discovery of two significant gold showings known as the "Northern" and Southern" Occurrences.

At the Northern Occurrence, stripping revealed a thin veneer of basal conglomerate resting unconformably on basement Archean greywackes. The basement rocks trend approximately east-west and are vertical, while the basal conglomerate is flat lying and "pancaked" onto the basement. In several locations, the conglomerate is strongly iron-oxide stained, and carries up to 3-5% fine disseminated pyrite in the matrix. Grab values to 9.94 gpt gold were returned from the area, while channel samples returned a contiguous 12 meter interval grading 0.966 gpt gold.

At the Southern Occurrence, only the basal conglomerate is exposed, and again, pyritic portions returned grab samples to 2.47 gpt Au, and channel samples to 1.75 gpt Au over 3 meters.

During the same year, Tenajon also completed orientation humus sampling and scintillometer surveys over the North Showing, to determine the applicability of those two exploration techniques to identify additional gold occurrences. The scintillometer survey failed to detect any anomalous radioactivity associated with the gold occurrence. The humus sampling detected several anomalies immediately over the showing area, and 100 meters north and south of the showing, with individual sample tenures to 62 ppb Au.

In **1998**, the property was optioned to Triex Resources Inc., who earned a 60% interest in the project by completing \$125,000 of exploration work during the 1998-1999 field seasons. That work included completion of a 40 kilometer cut-line grid over the area surrounding the "Northern Occurrence, followed by humus geochemistry and ground magnetic/VLF-EM and pole-dipole Induced Polarization surveys over the grid. Both the humus geochemical survey and the IP survey identified multiple anomalies warranting follow-up.

In July, **1999**, Triex completed a program of power stripping and channel sampling over selected targets based on both IP and humus geochemistry responses. Of eight targets identified and sampled during the program, six returned anomalous gold mineralization over substantial widths. The IP survey appeared to have been extremely effective in defining high pyrite content portions of the conglomerate. Best results included an average grade of 451 ppb Au from twelve samples collected over a fifty meter exposure of the conglomerate, with high values to 2.2 gpt Au, and seven meters averaging 1.422 gpt Au, with a high individual meter channel carrying 7.03 gpt Au.

During **2000**, Tenajon briefly re-assumed operatorship, and planned to assess the southern portions of the property for PGE potential. That work was never carried out. Due to depressed metal prices, the property was allowed to lapse in 2004, and was acquired by staking by the current property owners.

In July, **2006**, Endurance Gold Corporation completed a single 18 meter diamond drill hole on Claim 3011983. The hole was designed to approximately duplicate a 1956 drill hole by Pickle Crow Gold Mines, which was exploring the area for uranium. That hole indicated that the basal conglomerate was in excess of 100 meters thick, and Endurance had planned a 150 meter diamond drill hole to provide a complete stratigraphic cut through the basal conglomerate, with corresponding continuous geochemistry. Unfortunately, due to extremely difficult overburden conditions, the hole failed to reach bedrock, and was abandoned after six days of drilling.

Also in July, **2006**, Endurance Gold Corporation completed a 2500 meter mechanical stripping, washing, and channel sampling program at three locations, to evaluate IP anomalies generated as a result of the 1998 Triex work. That program was of a reconnaissance nature, and took place immediately off of the then property boundary. On receipt of results, Endurance staked 8 additional claims to cover the prospective stratigraphy. Results from the July, 2006 program included a channel sample returning 3.52 gpt Au over 13 meters, with widespread anomalous gold values from the exposed basal conglomerate. In October, 2006, Endurance completed an additional 900 square meter stripping, washing and channel sampling program, as an extension to the July, 2006 program. That work has been filed for assessment (McIvor, 2006).

Also in **2006**, Katrine Exploration and Development was contracted to cut a 20.96 line kilometer grid on the property. In late October, Larder geophysics Ltd. completed a detailed ground magnetometer and VLF-EM survey over that grid, and that work was subsequently filed for assessment (Ploeger, 2006).

In April, **2007**, Endurance Gold Corporation completed a 17.5 line-kilometer Induced Polarization Survey over portions of the property (McIvor, 2007). That work successfully identified numerous strong I.P. chargeability highs, believed to coincide with significant pyrite concentrations within the basal conglomerate horizon, and with gold mineralization related spatially with the pyrite.

During the period May 15 through June 22, **2007**, a 23.0 line-kilometer geological mapping and prospecting program was carried out on portions of the Pardo Property. (Cullen and McIvor, 2008). Mapping consisted of walking cut-grid lines, and noting all outcrop locations and lithologies, as well as relevant sulphide content. Systematic grab sampling was completed on outcrops containing any appreciable sulphide content. A total of 121 samples were collected during the program. The mapping program primarily encountered three basic lithological types. Most prevalent was a poorly sorted, matrix supported basal conglomerate believed to be a member of the Mississagi Formation. This

lithology, the host to previously defined gold anomalies on the property, contained variable sulphide content, from nil to in excess of 5% in places. Typically, a higher sulphide content, and increase in the percentage of quartz clasts in the conglomerate, are empirically related to significantly anomalous gold values, and these parameters were noted during mapping. Also encountered during the program were stratigraphically higher sequences of sandstone/quartzite, which typically were unmineralized. The third lithological type encountered during mapping was a siltstone-argillite, believed to be Archean in age and typically located immediately beneath the basal conglomerates. In numerous instances, the stratigraphic relationships between the three units were unclear in the field, due to insufficient vertical outcrop exposure. The overlying sandstone/quartzite unit was often similar in appearance to the underlying siltstone/argillite unit, and differentiating the two was difficult. As such, at many locations on the enclosed map, the two units are described but undifferentiated as to stratigraphic position and age.

For the most part, the encountered sedimentary strata were flat lying to very gently dipping in both east and west directions, suggesting a gently undulating paleotopography.

Of the 121 samples collected during the program, 28 returned significantly anomalous gold values in excess of 100 ppb. Of those 28 samples, 6 returned gold values of between 100 and 500 ppb, and 1 sample returned a value in excess of 1,000 ppb (Sample 343555, with 1,880 ppb Au). Most all the significantly anomalous gold values were from pyritic conglomerate, though one sample of quartzite (Sample 343732) in the Tee Lake area returned a gold assay of 528 ppb Au.

During the period July 15 through August 15, 2007, a 56 hole, 653 meter diamond drilling program was carried out on portions of the Pardo Property. All 56 holes were drilled on Claim 4202512, to test strong Induced Polarization chargeability anomalies in the immediate vicinity of surface channel sample results of 3.52 gpt Au over 13 metres, in the Trench 2 area of the property. All holes were vertical, and designed to drill through the basal conglomerate horizon into Archean basement metasediments. The close spacing of the holes was designed to provide detailed information regarding the distribution of gold mineralization within the conglomerate in the third (vertical) dimension, and allow correlation between surface channel sample results and grade in drill core.

Most all holes drilled in the Trench 2 area encountered variable thicknesses of the targeted pyritic quartz pebble dominant basal conglomerate, before penetrating the underlying Archean metasedimentary stratigraphy (argillites-siltstones). In certain lower lying areas (Holes 15, 43 and 56) the drill holes collared into basement rocks, with no conglomerate horizon present.

During the period May 25 through July 07, **2008**, a 41 hole, 979.5 metre diamond drilling program was carried out on portions of the Pardo Property, located 65 kilometres northeast of Sudbury, in Pardo and Clement Townships, Sudbury Mining Division. The holes were drilled on claims numbered 3009440 (Holes 70, 72 through 78, 80 through 83), 4202512 (Holes 11 through 29), 4202513 (Holes 09,10) and 4202514 (Holes 01 through 08), and were designed to test a series of strong IP chargeability anomalies and/or strong surface gold values in the target conglomerate horizon over a large portion of the property, as a follow up to the 2007 diamond drilling program.

In **2009**, Mount Logan Resources Ltd., a subsidiary of Ginguro Exploration Inc., carried out a reconnaissance mapping and prospecting program collecting 370 grab samples that contain up to 72.2 gpt Au. This program generally identified the distribution of major rock types exposed in the property, and confirmed that basal pyrite quartz pebble conglomerates of the Mississagi Formation locally contain appreciable gold mineralization. In addition, five 500-pound bulk samples were collected using controlled explosives. These samples were tested at a metallurgical facility, indicating an average head grade of 2.0 gpt and 94% gold could be recovered (Ginguro Exploration Inc. April 11, 2010 press release). The result of this test is positive.

A 51 km grid was also made by Mount Logan in **2009**, which was investigated by a ground magnetometer survey. Magnetic highs were noted in the northwestern portion of the surveyed grid, which is interpreted to be resulted from the Nipissing diabase and/or gabbro dykes. However, no magnetic anomalies related to basal conglomerates were picked up. An IP survey on the same grid was carried out, and identified 35 anomalies. Some of these IP targets were drilled by a diamond drilling program during July 29 through August 20, 2009, which consisted of 17 holes totaling 742 meters. Significant gold mineralization intervals were intersected in 14 holes, and a large gold nugget was recovered at the depth of 41.46 meters from borehole PD-09-09. The drilling program led to realizing that some of the IP anomalies reflect structures or diabase dykes.

In **2010** from May 10th to October 7th, Mount Logan Resources Ltd., a subsidiary of Ginguro Exploration Inc., carried out a detailed geological mapping program supported by an extensive reconnaissance geological mapping and prospecting to better understand the stratigraphy, sedimentology and structures of the Huronian Supergroup that exposes within the Pardo property with an objective of definition of drilling targets. The mapping program covered all existing grid lines, and a new 77.33 km grid, to help provide a series of geological maps. A drilling program consisting of 139 diamond drill holes totaling 4772.67 meters was also completed.

In **2011** Mount Logan Resources Ltd., a subsidiary of Ginguro Exploration Inc. carried out a detailed geological mapping program supported by an extensive reconnaissance geological mapping and prospecting to better understand the stratigraphy, sedimentology and structures of the Huronian Supergroup that exposes within the Pardo property with an objective of definition of future drilling targets. During the same time a drilling program of 24 diamond drill holes totaling 4918.92m, was on going to help accompany the mapping. Late November the first silver lake showing was discovered using a scintilometer. This discovery initiated a diamond drill hole on the west side of silver lake (PD-11-24).

In April **2012** Mount Logan Resources made an agreement with Endurance Gold were the claims (4201291, 4201292, 4202511, 4202512, 4202513, 4211782, 1234841, 1234842, 3009440, 3009441, 3011982, 3011983, 3011984, 3011999, 4202510, and 4202514) now are 100% Mount Logan.

Between the months of May to November 2012, Mount Logan began a surface sampling program using a RS-230 BGO Super-SPEC Handheld Gamma-Ray Spectrometer which helped discover what's known as the silver lake zone. A total of 226 grab samples from the Pardo Project were collected.

During the spring of **2012** Weatherford International was contracted to survey a selection of diamond drill holes utilizing particular geophysical techniques to determine various geological parameters. This examination was carried out to verify the presence of cross-bedded strata, the nature of uraniferous locations, and the lithological correlation between diamond drill hole intersections. The diamond drill holes selected for such geophysical investigations were: PD10-01, PD10-08, PD10-09, PD11-04, PD11-06 and PD11-10.

On September 5<sup>th</sup> **2012** a diamond drilling campaign began which was completed on October 31<sup>st</sup> 2012. A total of 67 diamond drill holes totaling 1507.32m was carried out over three key area; the mid-fan zone, the western reef zone, as well the expansion of the trench 2 area. After the drill program was complete, the stripping and trenching of the silver lake zone began. A total of 21 channel samples were collected and had very positive results which concluded the 2012 season. During the months of January – May 2013 an analytical and selected detailed logging program of 2007-2010 drill core occurred in Sudbury at Mount Logan's core shack. A total of 236 samples were collected from previously logged 2007-2010 core. As well 59 drill holes were logged in detailed by Peter Van Walraven of Sudbury Ontario, under the supervision of Dr. Lawrence Minter of Cape Town South Africa. Detailed logging of the lower 20 meter portions of the Mississagi formation was completed to accompany the start of basin analysis.

Later in May **2013** – October 2013, prospecting and detailed mapping began in the southern portion of the Pardo Project, which then lead to the historic discovery's of Eastern Reef and the "007" zone. A total of 728 samples were collected from the channel cut using a diamond saw.

During the Months between May – October **2014**, Mount Logan Resources completed a Stripping and Channeling Sampling program which in included detailed geological mapping of 7 Main Zones/Area. (*Trench 2 area, Eastern Reef mid-block, Western Reef South zone, 007 zone extension, Godzilla Zone, Northern zone, and Line 34 area.)* 

A total of 209 Grab samples were collected over the property, and 1744 channel samples were collected from the 7 main stripped zones/areas. See table below for more detailed information on the stripped sites.

Act contracting and landscaping was contracted to mechanically strip the 7 zones to explore for favorable gold bearing mineralization within the Mississagi boulder conglomerates. Overburden was stripped to bedrock, the cleared areas were mapped and channel sampled accordingly. These samples were cut with a Stihl TS 420, 14 inch diamond blade cut off saw. Each sample was measured to approximately 50cim in length and 2-3cm in width with a total cut channel length of 852m. On May 4th Geophysics GPR International of Mississauga, was contracted to conduct two Ground Penetrating Radar (GPR) surveys. Test lines were completed on the Property (see figure 3), with the notion that the survey would delineate the different stratigraphic units, the Archean basement contact, and potential area of higher sulphide content. Each line was surveyed twice using three different antenna, 50 MHz, 100 MHz, and 270 MHz. The lower frequency will penetrate deeper, yet lose resolution, while the higher frequency will not penetrate deep, yet will have a better resolution. L7+00N was surveyed over 600m in a west-east orientation and covered an area with strong geological control from a fence line of 23 diamond drill holes. L0+00E was surveyed over 100 m in a north-south orientation and had poor geological control with only two diamond drill holes. (Todd McCracken 2015). Figure 4 & 5 show each profile. After review, the GPR Method was not considered for any further work. On June 15th, Mount Logan Resources completed a 318 meter diamond drilling program to test its discovery zones (007, Eastern Reef), as well other areas, were tested to understand thickness and stratigraphy of the Mississagi sediments. The first 11 holes were designed to help understand each zones thickness, which also helped with the gold study on gold particle distribution. The other 10 holes were used for exploration and to test the underlying stratigraphy from where strong surface gold values were obtained. A total of 789 samples were collected for the 318m drilled. The diamond drilling was completed by Summit Drilling services of Val Carron, Ontario, employing a custom hydro core drill rig. Pads and drill access trails were cleared in advance by Summit Drilling, using a bull dozer. Core size was BQTK. Core recoveries were 100%, with the target conglomerate horizon a hard and competent unit. During drilling, recovered core was placed in core boxes, tagged and sealed via wire or rubber strap, and delivered to the Mount Logan core logging area at the end of each shift. All drill core is stored at Inventus Mining Corp. warehouse facilities in Sudbury. Due to the nature of this deposit, gold grains occur as clusters and are subject to highly variable distribution within the rock. Pervious sample methodology has resulted to highly variable gold grades. The aim of the study was to determine the distribution, variability and appropriate sample size and method for gold bearing rock at the Pardo project. The sampling study was conducted on the 007 and Eastern Reef locations (Figure 1). The study consisted of panel sampling and Hammer drill holes to collect sufficient rock material for analysis. Once the material was collected it was then sent to Act Laboratories where it was crushed and assayed.

During the month of November of **2014**, Mount Logan Resources completed a 503.3 meter drill program on the Pardo project. The program was designed to deepen Holes PD-11-03, PD-11-04, PD-11-06, and PD-11-24 as well drill a new hole PD-14-22 See figure 2. The purpose of deepening the holes was to test the basal quartz pebble conglomerate of the Matinenda Formation, which the holes did not intersect when first drilled. It was originally thought that only the Mississagi conglomerates were of economic interest. However recent geological investigation has revealed the Matinenda Fm. conglomerates to also have economic interests.

During the months of March to May of **2015**, Mount Logan Resources completed a 422.09m drill program. The program was designed for 3 reasons. First test the "mid fan" area. Second to grid drill the Godzilla zone a high-grade surface exposure and third test the extent of gold bearing conglomerate around the 007 zone another high grade surface exposure. All drilling was done using HTW size core. The reason for using the larger size diameter core was to test our nugget theory and see if more material collected produced a more consistent true grade of the mineralized zones.

During the months of May to Nov 1st, **2016**, Mount Logan Resources Ltd., a whole-owned subsidiary of Inventus Mining Corp. (TSX-V: IVS), initiated an exploration program consisting of prospecting, geological mapping, outcrop stripping/trenching, channel sampling and a drill program. The stripping, washing and channel sampling was completed at both the Cobble Zone and Trench 1 areas. The diamond drilling was conducted only at the Cobble Zone area. Prospecting and geological mapping occurred at the Cobble Zone and in the surrounding area. Prospecting began in early May throughout

Pardo Township. Once areas of interest were prospected and sampled, an excavator would trench the overburden to uncover the targeted basal conglomerates of the Mississagi Formation. Stripping then began with the use of water pumps. Once the bedrock was washed off detailed geological mapping and channel sampling took place across the exposed bedrock. On October 19<sup>th</sup> drilling at the Cobble Zone began. The drilling was designed to test thickness and mineralization of the conglomerates towards the north and east extent of the area.

During the months of January-May of **2017** a diamond drill program commenced. The drill program's focus was to expand and fill in between the 3 surface showings in Pardo and Clement Township. 1407 meters of HTW drill core was drilled at -90 degrees. A total of 65 holes were drilled. Due to poor pad conditions hole 22 was abandoned, no core was obtained no log exists for this hole. Holes where spaced at 50m along old East/West grid lines. Drill roads were pushed in with the use of a Link belt 210 excavator and 850 John Deere as well pads were built at each collar location for the drill to set up on. Core was transported to the core shack facility in Sudbury at 1785 Frobisher st. where it was logged and sampled. Core is stored at the core yard at McDowell equipment 2018 Kingsway. Samples were photographed and the full core was sampled at 50cm intervals, this was a new technique used during the program to help eliminate the coarse/cluster gold issue. Samples were bag and transported to SGS labs in Garson.

During the months of September to December **2017**, Mount Logan Resources Ltd., a whole-owned subsidiary of Inventus Mining Corp. (TSX-V: IVS), initiated a bulk sample program. The program was designed to test the mineral content of the mineralized conglomerate in the Trench 1 area. The reason for this test was to demonstrate the variation of gold grade between diamond drilling and bulk sampling. The results of the bulk sample were favorable demonstrating an increase in the gold grade comparted to diamond drilling. These results have warranted a closure plan for advanced exploration activities. The planned advanced exploration activities will further test the gold content of the mineralized conglomerate by bulk sampling 4 additional sites for a total of 50,000 tonnes.

During the months of October-November of **2018** a diamond drill program commenced. The drill program's focus was to drill off the "007 Zone" at 5m centers in preparation for the upcoming bulk sample. A total of 29 holes with one duplicate hole PD-18-10b. The mineralized zone was extended towards the north by extending drilling at 15m centers, holes 30-35. Hole 35 was not completed to depth due to mechanical issues. The diamond drilling was contracted to Asabanaka Drilling services of Temagami, Ontario. The program was under supervision by Inventus Mining's Operations Manager and Author of this report Winston Whymark. The diamond drill used, was a skid mounted Discovery 1 drill,

rigged to handle HTW size core. 36 holes with a total of 200 meters of core was drilled, with a total of 165 samples. Chief Geologist Wesley Whymark in Sudbury performed core logging at the Inventus Mining Corp. core shack at 1785 Frobisher St. Core is stored at Inventus's core yard located at McDowell equipment 2018 Kingsway. Samples were photographed and the full core was sampled at 50cm intervals. Samples were bag and transported to AGAT labs in Sudbury.

# 7. 2021 – Geological Mapping, Trenching and Costean sampling.

During the months of April to Dec **2021**, Mount Logan Resources Ltd., a whole-owned subsidiary of Inventus Mining Corp. (TSX-V: IVS), initiated an exploration program consisting of prospecting, geological mapping, outcrop stripping/trenching, channel sampling and a Costean sampling. Grassroots prospecting and geological mapping took place north of the main showings and was completed over the months of Aug-Oct. The stripping, washing and channel sampling was completed during the months of April-July and took place at both the Trench 1 and Trench 2 areas and tried to connect the two reefs. Additional stripping and washing took place north of Trench 2 and south of Trench 1 now called the Bowl zone reef, as well the Western reef extension. A total of 42 channels were cut and 251 samples were collected for assay. The Costean sampling consisted of 28 pits that are 1 cubic meter each in size. The total material extracted resulted in 76 bags roughly 1 tonne per bag. The 4 locations which the Costean samples were collected are described, 7 pits (18 bags) at the "007" zone, 10 pits (28 bags) at Eastern reef, 8 pits (10 bags) from Trench 2, and 4 pits (11 bags) at Trench #1. (see Figures #3 and 4)

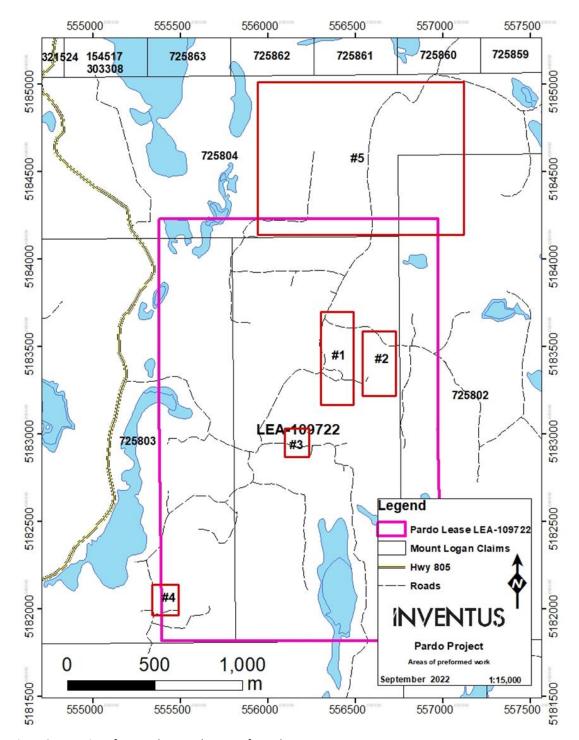


Figure 2 – Location of areas where work was performed

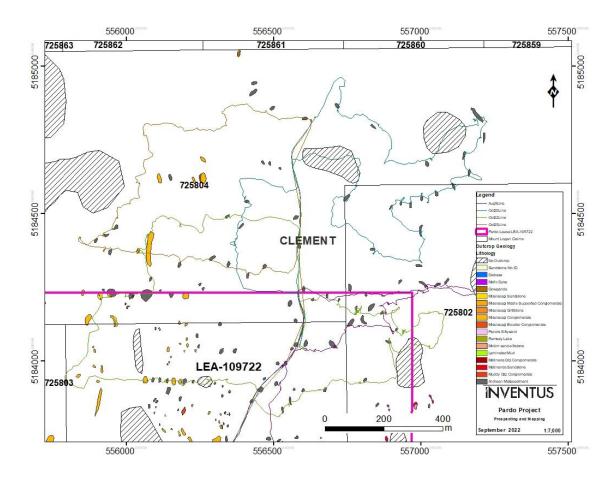


Figure 3. Prospecting and mapping (Area #5 of figure 2)

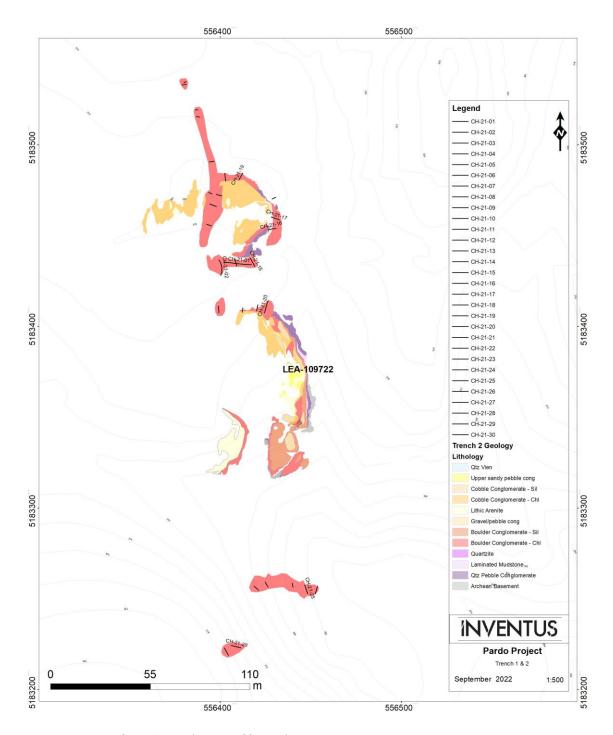


Figure 4. Overview of Trench 1 & 2 (Area #1 of figure 2)

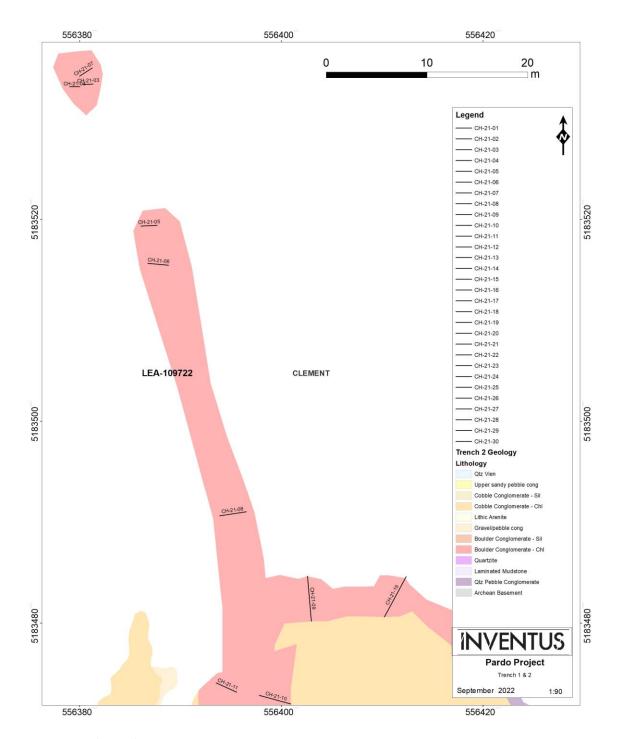


Figure 5. Trench 2 north

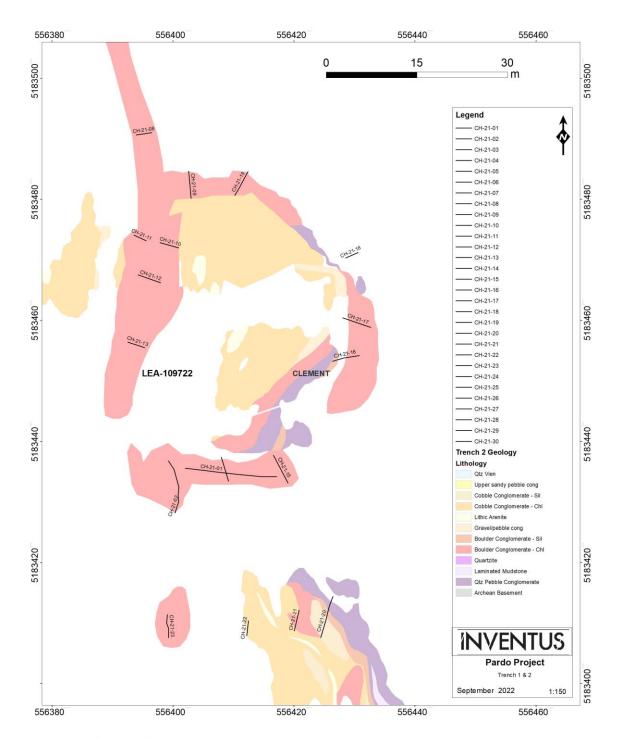


Figure 6. Trench 2 central

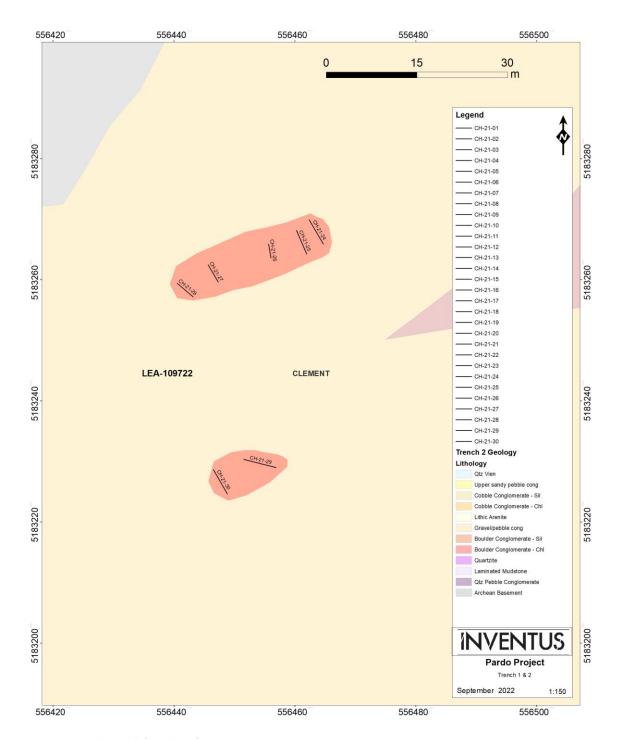


Figure 7. Trench 2 south (bowl zone)

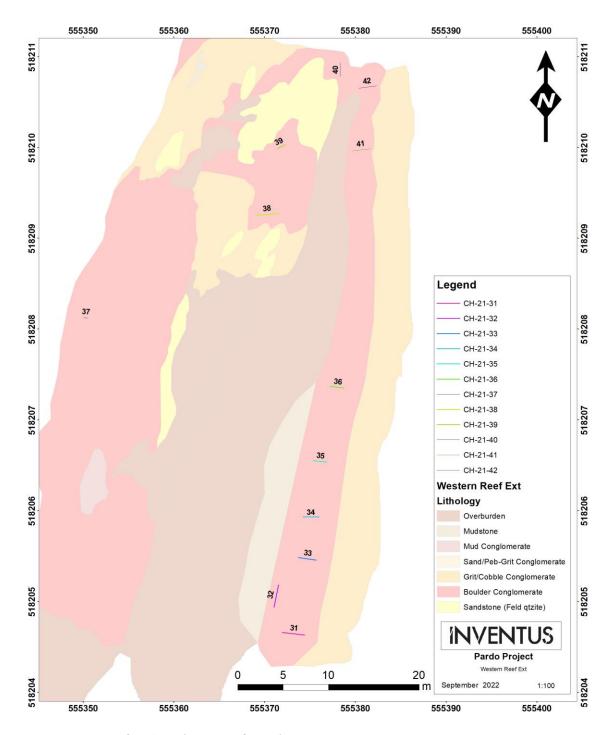


Figure 8. Western reef south ext. (Area #4 on figure 2)

Channel ID	Lab ID	From	То	WO#	Location
CH-21-01	S00365180	0	0.5	BBM21-09949	Trench 2
CH-21-01	S00365181	0.5	1	BBM21-09949	Trench 2
CH-21-01	S00365182	1	1.5	BBM21-09949	Trench 2
CH-21-01	S00365183	1.5	2	BBM21-09949	Trench 2
CH-21-01	S00365184	2	2.5	BBM21-09949	Trench 2
CH-21-01	S00365185	2.5	3	BBM21-09949	Trench 2
CH-21-01	S00365186	3	3.5	BBM21-09949	Trench 2
CH-21-01	S00365187	3.5	4	BBM21-09949	Trench 2
CH-21-01	S00365188	4	4.5	BBM21-09949	Trench 2
CH-21-01	S00365189	4.5	5	BBM21-09949	Trench 2
CH-21-01	S00365190	5	5.5	BBM21-09949	Trench 2
CH-21-01	S00365191	5.5	6	BBM21-09949	Trench 2
CH-21-01	S00365192	6	6.5	BBM21-09949	Trench 2
CH-21-01	S00365193	6.5	7	BBM21-09949	Trench 2
CH-21-01	S00365194	7	7.5	BBM21-09949	Trench 2
CH-21-01	S00365195	7.5	8	BBM21-09949	Trench 2
CH-21-01	S00365196	8	8.5	BBM21-09949	Trench 2
CH-21-01	S00365197	8.5	9	BBM21-09949	Trench 2
CH-21-01	S00365198	9	9.5	BBM21-09949	Trench 2
CH-21-01	S00365200	9.5	10	BBM21-09949	Trench 2
CH-21-01	S00365201	10	10.5	BBM21-09949	Trench 2
CH-21-01	S00365202	10.5	11	BBM21-09949	Trench 2
CH-21-02	S00365203	0	0.5	BBM21-09949	Trench 2
CH-21-02	S00365204	0.5	1	BBM21-09949	Trench 2

CH-21-02	S00365205	1	1.5	BBM21-09949	Trench 2
CH-21-02	S00365206	1.5	2	BBM21-09949	Trench 2
CH-21-02	S00365207	2	2.5	BBM21-09949	Trench 2
CH-21-02	S00365208	2.5	3	BBM21-09949	Trench 2
CH-21-02	S00365209	3	3.5	BBM21-09949	Trench 2
CH-21-02	S00365210	3.5	4	BBM21-09949	Trench 2
CH-21-02	S00365211	4	4.5	BBM21-09949	Trench 2
CH-21-02	S00365212	4.5	5	BBM21-09949	Trench 2
CH-21-02	S00365213	5	5.5	BBM21-09949	Trench 2
CH-21-02	S00365214	5.5	6	BBM21-09949	Trench 2
CH-21-02	S00365215	6	6.5	BBM21-09949	Trench 2
CH-21-02	S00365216	6.5	7	BBM21-09949	Trench 2
CH-21-02	S00365217	7	7.5	BBM21-09949	Trench 2
CH-21-02	S00365218	7.5	8	BBM21-09949	Trench 2
CH-21-02	S00365219	8	8.5	BBM21-09949	Trench 2
CH-21-03	S00365222	0	0.5	BBM21-09949	Trench 2
CH-21-03	S00365223	0.5	1	BBM21-09949	Trench 2
CH-21-03	S00365224	1	1.5	BBM21-09949	Trench 2
CH-21-03	S00365225	1.5	2	BBM21-09949	Trench 2
CH-21-03	S00365226	2	2.5	BBM21-09949	Trench 2
CH-21-04	S00365227	0	0.5	BBM21-09949	Trench 2
CH-21-04	S00365228	0.5	1	BBM21-09949	Trench 2
CH-21-04	S00365229	1	1.5	BBM21-09949	Trench 2
CH-21-05	S00365230	0	0.5	BBM21-09949	Trench 2
CH-21-05	S00365231	0.5	1	BBM21-09949	Trench 2
CH-21-06	S00365232	0	0.5	BBM21-09949	Trench 2

CH-21-06	S00365233	0.5	1	BBM21-09949	Trench 2
CH-21-06	S00365234	1	1.5	BBM21-09949	Trench 2
CH-21-07	S00365235	0	0.5	BBM21-09949	Trench 2
CH-21-07	S00365236	0.5	0.9	BBM21-09949	Trench 2
CH-21-08	S00365237	0	0.5	BBM21-9975	Trench 2
CH-21-08	S00365238	0.5	1	BBM21-9975	Trench 2
CH-21-08	S00365239	1	1.5	BBM21-9975	Trench 2
CH-21-08	S00365241	1.5	2	BBM21-9975	Trench 2
CH-21-09	S00365242	0	0.5	BBM21-9975	Trench 2
CH-21-09	S00365243	0.5	1	BBM21-9975	Trench 2
CH-21-09	S00365244	1	1.5	BBM21-9975	Trench 2
CH-21-09	S00365245	1.5	2	BBM21-9975	Trench 2
CH-21-09	S00365246	2	2.5	BBM21-9975	Trench 2
CH-21-09	S00365247	2.5	3	BBM21-9975	Trench 2
CH-21-09	S00365248	3	3.5	BBM21-9975	Trench 2
CH-21-09	S00365249	3.5	4	BBM21-9975	Trench 2
CH-21-09	S00365250	4	4.5	BBM21-9975	Trench 2
CH-21-10	S00365251	0	0.5	BBM21-9975	Trench 2
CH-21-10	S00365252	0.5	1	BBM21-9975	Trench 2
CH-21-10	S00365253	1	1.5	BBM21-9975	Trench 2
CH-21-10	S00365254	1.5	1.8	BBM21-9975	Trench 2
CH-21-11	S00365255	0	0.5	BBM21-9975	Trench 2
CH-21-11	S00365256	0.5	1	BBM21-9975	Trench 2
CH-21-11	S00365257	1	1.5	BBM21-9975	Trench 2
CH-21-11	S00365258	1.5	2	BBM21-9975	Trench 2
CH-21-11	S00365259	2	2.5	BBM21-9975	Trench 2

CH-21-11	S00365260	2.5	3	BBM21-9975	Trench 2
CH-21-12	S00365262	0	0.5	BBM21-9975	Trench 2
CH-21-12	S00365263	0.5	1	BBM21-9975	Trench 2
CH-21-12	S00365264	1	1.5	BBM21-9975	Trench 2
CH-21-12	S00365265	1.5	2	BBM21-9975	Trench 2
CH-21-12	S00365266	2	2.5	BBM21-9975	Trench 2
CH-21-12	S00365267	2.5	3	BBM21-9975	Trench 2
CH-21-12	S00365268	3	3.5	BBM21-9975	Trench 2
CH-21-13	S00365269	0	0.25	BBM21-10029	Trench 2
CH-21-13	S00365270	0.25	0.75	BBM21-10029	Trench 2
CH-21-13	S00365271	0.75	1.25	BBM21-10029	Trench 2
CH-21-13	S00365272	1.25	1.75	BBM21-10029	Trench 2
CH-21-13	S00365273	1.75	2.25	BBM21-10029	Trench 2
CH-21-13	S00365274	2.25	2.75	BBM21-10029	Trench 2
CH-21-14	S00365275	0	0.5	BBM21-10029	Trench 2
CH-21-14	S00365276	0.5	1	BBM21-10029	Trench 2
CH-21-14	S00365277	1	1.5	BBM21-10029	Trench 2
CH-21-14	S00365278	1.5	2	BBM21-10029	Trench 2
CH-21-14	S00365279	2	2.5	BBM21-10029	Trench 2
CH-21-14	S00365280	2.5	3	BBM21-10029	Trench 2
CH-21-15	S00365282	0	0.5	BBM21-10029	Trench 2
CH-21-15	S00365283	0.5	1	BBM21-10029	Trench 2
CH-21-15	S00365284	1	1.5	BBM21-10029	Trench 2
CH-21-15	S00365285	1.5	2	BBM21-10029	Trench 2
CH-21-15	S00365286	2	2.5	BBM21-10029	Trench 2
CH-21-15	S00365287	2.5	3	BBM21-10029	Trench 2

CH-21-15	S00365288	3	3.5	BBM21-10029	Trench 2
CH-21-16	S00365289	0	0.5	BBM21-10029	Trench 2
CH-21-16	S00365290	0.5	1	BBM21-10029	Trench 2
CH-21-16	S00365291	1	1.5	BBM21-10029	Trench 2
CH-21-16	S00365292	1.5	2	BBM21-10029	Trench 2
CH-21-16	S00365293	2	2.5	BBM21-10029	Trench 2
CH-21-16	S00365294	2.5	3	BBM21-10029	Trench 2
CH-21-16	S00365295	3	3.5	BBM21-10029	Trench 2
CH-21-16	S00365296	3.5	4	BBM21-10029	Trench 2
CH-21-16	S00365297	4	4.25	BBM21-10029	Trench 2
CH-21-17	S00365298	0	0.5	BBM21-10029	Trench 2
CH-21-17	S00365299	0.5	1	BBM21-10029	Trench 2
CH-21-17	S00365300	1	1.5	BBM21-10029	Trench 2
CH-21-17	S00365302	1.5	2	BBM21-10029	Trench 2
CH-21-17	S00365303	2	2.5	BBM21-10029	Trench 2
CH-21-17	S00365304	2.5	3	BBM21-10029	Trench 2
CH-21-17	S00365305	3	3.5	BBM21-10029	Trench 2
CH-21-17	S00365306	3.5	4	BBM21-10029	Trench 2
CH-21-17	S00365307	4	4.5	BBM21-10029	Trench 2
CH-21-18	S00365308	0	0.5	BBM21-10029	Trench 2
CH-21-18	S00365309	0.5	1	BBM21-10029	Trench 2
CH-21-18	S00365310	1	1.5	BBM21-10029	Trench 2
CH-21-18	S00365311	1.5	2	BBM21-10029	Trench 2
CH-21-18	S00365312	2	2.5	BBM21-10029	Trench 2
CH-21-19	S00365313	0	0.5	BBM21-10029	Trench 2
CH-21-19	S00365314	0.5	1	BBM21-10029	Trench 2

CH-21-19	S00365315	1	1.5	BBM21-10029	Trench 2
CH-21-19	S00365316	1.5	2	BBM21-10029	Trench 2
CH-21-19	S00365317	2	2.5	BBM21-10029	Trench 2
CH-21-19	S00365318	2.5	3	BBM21-10029	Trench 2
CH-21-19	S00365319	3	3.5	BBM21-10029	Trench 2
CH-21-19	S00365320	3.5	4	BBM21-10029	Trench 2
CH-21-19	S00365322	4	4.5	BBM21-10029	Trench 2
CH-21-20	S00365323	0	0.5	BBM21-10029	Trench 2
CH-21-20	S00365324	0.5	1	BBM21-10029	Trench 2
CH-21-20	S00365325	1	1.5	BBM21-10029	Trench 2
CH-21-20	S00365326	1.5	2	BBM21-10029	Trench 2
CH-21-20	S00365327	2	2.5	BBM21-10029	Trench 2
CH-21-20	S00365328	2.5	3	BBM21-10029	Trench 2
CH-21-20	S00365329	3	3.5	BBM21-10029	Trench 2
CH-21-20	S00365330	3.5	4	BBM21-10029	Trench 2
CH-21-20	S00365331	4	4.5	BBM21-10029	Trench 2
CH-21-20	S00365332	4.5	5	BBM21-10029	Trench 2
CH-21-20	S00365333	5	5.5	BBM21-10029	Trench 2
CH-21-20	S00365334	5.5	6	BBM21-10029	Trench 2
CH-21-21	S00365335	0	0.5	BBM21-10029	Trench 2
CH-21-21	S00365336	0.5	1	BBM21-10029	Trench 2
CH-21-21	S00365337	1	1.5	BBM21-10029	Trench 2
CH-21-21	S00365338	1.5	2	BBM21-10029	Trench 2
CH-21-21	S00365339	2	2.5	BBM21-10029	Trench 2
CH-21-21	S00365340	2.5	3	BBM21-10029	Trench 2
CH-21-21	S00365342	3	3.5	BBM21-10029	Trench 2

CH-21-21	S00365343	3.5	4	BBM21-10029	Trench 2
CH-21-21	S00365344	4	4.5	BBM21-10029	Trench 2
CH-21-21	S00365345	4.5	5	BBM21-10031	Trench 2
CH-21-22	S00365346	0	0.5	BBM21-10031	Trench 2
CH-21-22	S00365347	0.5	1	BBM21-10031	Trench 2
CH-21-22	S00365348	1	1.5	BBM21-10031	Trench 2
CH-21-23	S00365349	0	0.5	BBM21-10031	Trench 2
CH-21-23	S00365350	0.5	1	BBM21-10031	Trench 2
CH-21-23	S00365351	1	1.5	BBM21-10031	Trench 2
CH-21-23	S00365352	1.5	2	BBM21-10031	Trench 2
CH-21-23	S00365353	2	2.5	BBM21-10031	Trench 2
CH-21-23	S00365354	2.5	3	BBM21-10031	Trench 2
CH-21-24	S00365355	0	0.5	BBM21-10211	Bowl Zone North
CH-21-24	S00365356	0.5	1	BBM21-10211	Bowl Zone North
CH-21-24	S00365357	1	1.5	BBM21-10211	Bowl Zone North
CH-21-24	S00365358	1.5	2	BBM21-10211	Bowl Zone North
CH-21-24	S00365359	2	2.5	BBM21-10211	Bowl Zone North
CH-21-24	S00365361	2.5	3	BBM21-10211	Bowl Zone North
CH-21-25	S00365362	0	0.5	BBM21-10211	Bowl Zone North
CH-21-25	S00365363	0.5	1	BBM21-10211	Bowl Zone North
CH-21-25	S00365364	1	1.5	BBM21-10211	Bowl Zone North
CH-21-25	S00365365	1.5	2	BBM21-10211	Bowl Zone North
CH-21-25	S00365366	2	2.5	BBM21-10211	Bowl Zone North
CH-21-25	S00365367	2.5	3	BBM21-10211	Bowl Zone North
CH-21-25	S00365368	3	3.5	BBM21-10211	Bowl Zone North
CH-21-26	S00365369	0	0.5	BBM21-10211	Bowl Zone North

CH-21-26	S00365370	0.5	1	BBM21-10211	Bowl Zone North
CH-21-26	S00365371	1	1.5	BBM21-10211	Bowl Zone North
01.04.07	500055070		0.5	551424 46244	2 12 11
CH-21-27	S00365372	0	0.5	BBM21-10211	Bowl Zone North
CH-21-27	S00365373	0.5	1	BBM21-10211	Bowl Zone North
CH-21-27	S00365374	1	1.5	BBM21-10211	Bowl Zone North
CH-21-27	S00365375	1.5	2	BBM21-10211	Bowl Zone North
CH-21-28	S00365376	0	0.5	BBM21-10211	Bowl Zone North
CH-21-28	S00365377	0.5	1	BBM21-10211	Bowl Zone North
CH-21-28	S00365378	1	1.5	BBM21-10211	Bowl Zone North
CH-21-28	S00365379	1.5	2	BBM21-10211	Bowl Zone North
CH-21-28	S00365381	2	2.5	BBM21-10211	Bowl Zone North
CH-21-29	S00365382	0	0.5	BBM21-10312	Bowl Zone South
CH-21-29	S00365383	0.5	1	BBM21-10312	Bowl Zone South
CH-21-29	S00365384	1	1.5	BBM21-10312	Bowl Zone South
CH-21-29	S00365385	1.5	2	BBM21-10312	Bowl Zone South
CH-21-29	S00365386	2	2.5	BBM21-10312	Bowl Zone South
CH-21-29	S00365387	2.5	3	BBM21-10312	Bowl Zone South
CH-21-29	S00365388	3	3.5	BBM21-10312	Bowl Zone South
CH-21-29	S00365389	3.5	4	BBM21-10312	Bowl Zone South
CH-21-29	S00365389- REP			BBM21-10312	Bowl Zone South
CH-21-29	S00365390	4	4.5	BBM21-10312	Bowl Zone South
CH-21-29	S00365391	4.5	5	BBM21-10312	Bowl Zone South
CH-21-29	S00365392	5	5.5	BBM21-10312	Bowl Zone South
CH-21-30	S00365393	0	0.5	BBM21-10312	Bowl Zone South
CH-21-30	S00365394	0.5	1	BBM21-10312	Bowl Zone South

CH-21-30	S00365395	1	1.5	BBM21-10312	Bowl Zone South
CH-21-30	S00365396	1.5	2	BBM21-10312	Bowl Zone South
CH-21-30	S00365397	2	2.5	BBM21-10312	Bowl Zone South
CH-21-30	S00365398	2.5	3	BBM21-10312	Bowl Zone South
CH-21-30	S00365399	3	3.5	BBM21-10312	Bowl Zone South
CH-21-30	S00365399- REP			BBM21-10312	Bowl Zone South
CH-21-31	S00365401	0	0.5	BBM21-10827	Western Reef Extension
CH-21-31	S00365402	0.5	1	BBM21-10827	Western Reef Extension
CH-21-31	S00365403	1	1.5	BBM21-10827	Western Reef Extension
CH-21-31	S00365404	1.5	2	BBM21-10827	Western Reef Extension
CH-21-31	S00365405	2	2.5	BBM21-10827	Western Reef Extension
CH-21-32	S00365406	0	0.5	BBM21-10827	Western Reef Extension
CH-21-32	S00365407	0.5	1	BBM21-10827	Western Reef Extension
CH-21-32	S00365408	1	1.5	BBM21-10827	Western Reef Extension
CH-21-32	S00365409	1.5	2	BBM21-10827	Western Reef Extension
CH-21-32	S00365410	2	2.5	BBM21-10827	Western Reef Extension
CH-21-33	S00365411	0	0.5	BBM21-10827	Western Reef Extension
CH-21-33	S00365412	0.5	1	BBM21-10827	Western Reef Extension

CH-21-33	S00365413	1	1.5	BBM21-10827	Western Reef Extension
CH-21-33	S00365414	1.5	2	BBM21-10827	Western Reef Extension
CH-21-34	S00365415	0	0.5	BBM21-10827	Western Reef Extension
CH-21-34	S00365416	0.5	1	BBM21-10827	Western Reef Extension
CH-21-34	S00365417	1	1.5	BBM21-10827	Western Reef Extension
CH-21-34	S00365418	1.5	1.75	BBM21-10827	Western Reef Extension
CH-21-34	S00365418- REP			BBM21-10827	Western Reef Extension
CH-21-35	S00365419	0	0.5	BBM21-10827	Western Reef Extension
CH-21-35	S00365421	0.5	1	BBM21-10827	Western Reef Extension
CH-21-35	S00365422	1	1.5	BBM21-10827	Western Reef Extension
CH-21-36	S00365423	0	0.5	BBM21-10827	Western Reef Extension
CH-21-36	S00365424	0.5	1	BBM21-10827	Western Reef Extension
CH-21-36	S00365425	1	1.5	BBM21-10827	Western Reef Extension
CH-21-37	S00365426	0	0.5	BBM21-10827	Western Reef Extension
CH-21-38	S00365427	0	0.5	BBM21-10827	Western Reef Extension
CH-21-38	S00365428	0.5	1	BBM21-10827	Western Reef Extension

CH-21-38	S00365429	1	1.5	BBM21-10827	Western Reef Extension
CH-21-39	S00365430	0	0.5	BBM21-10827	Western Reef Extension
CH-21-39	S00365431	0.5	1	BBM21-10827	Western Reef Extension
CH-21-40	S00365432	0	0.5	BBM21-10827	Western Reef Extension
CH-21-40	S00365433	0.5	1	BBM21-10827	Western Reef Extension
CH-21-40	S00365434	1	1.5	BBM21-10827	Western Reef Extension
CH-21-41	S00365435	0	0.5	BBM21-10827	Western Reef Extension
CH-21-41	S00365436	0.5	1	BBM21-10827	Western Reef Extension
CH-21-41	S00365437	1	1.5	BBM21-10827	Western Reef Extension
CH-21-41	S00365438	1.5	2	BBM21-10827	Western Reef Extension
CH-21-42	S00365439	0	0.5	BBM21-10827	Western Reef Extension
CH-21-42	S00365441	0.5	1	BBM21-10827	Western Reef Extension
CH-21-42	S00365442	1	1.5	BBM21-10827	Western Reef Extension
CH-21-42	S00365443	1.5	2	BBM21-10827	Western Reef Extension

Table 2- Channel samples

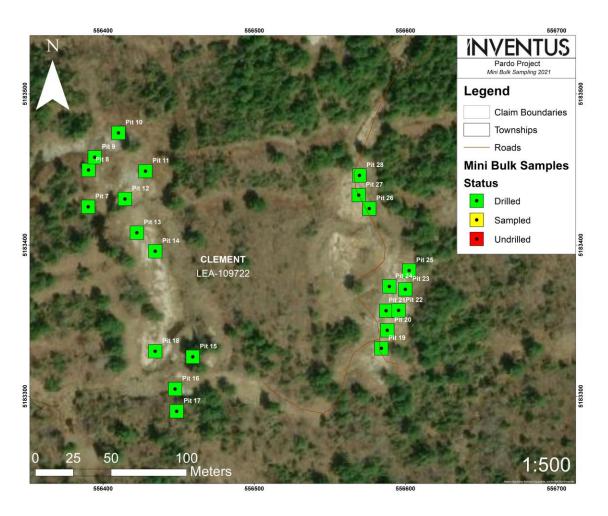


Figure 9. Costean sample locations Trench 1&2 / Eastern reef (Area #2 on figure 2)



Figure 10. Costean sample locations 007 zone (Area #3 on figure 2)

Pit ID	Easting	Northing	Location	Comments	Bags
Pit1	5182953	556172	007 Zone	Full sample	3
Pit2	5182956	556178	007 Zone	Full sample, large oversize	3
Pit3	5182963	556176	007 Zone	Full sample large oversize	3
Pit4	5182965	556170	007 Zone	Full sample	3
Pit5	5182974	556174	007 Zone	Full sample large oversize	3
Pit6	5182975	556168	007 Zone	Full sample	3
Pit7	556390	5183426	Trench 2	Full sample minor overbreak. Minor dirt added to sample	3
Pit8	556394	5183448	Trench 2	Full sample large oversize	2
Pit9	556396	5183459	Trench 2	Full sample large oversize. Dirt contamination	2
Pit10	556407	5183472	Trench 2	Full sample. Contains 5 to 10% Matinenda contamination	2
Pit11	556428	5183449	Trench 2	3/4 of pit sampled. 10-15% Matinenda contamination	3
Pit12	556414	5183435	Trench 2	3/4 of pit sampled. Bottom 20cm of pit intact	2
Pit13	556420	5183410	Trench 2	1/2 of pit sampled. South side and bottom 40cm of pit intact	2
Pit14	556435	5183391	Trench 2	Full sample. Large oversize	3
Pit15	556454	5183317	Trench 1	3/4 sample bottom 20cm of pit intact	3
Pit16	556455	5183303	Trench 1	3/4 of pit sampled. Some large oversize not sampled	3
Pit17	556451	5183293	Trench 1	Full sample.	2
Pit18	556434	5183329	Trench 1	Full sample	3
Pit19	556585	5183326	Eastern Reef	1/2 of pit sampled. Bottom 50 cm of pit intact	3

Pit20	556589	5183348	Eastern	3/4 of pit sampled. Bottom 10cm	3
			Reef	intact and 20cm of north wall intact	
Pit21	556584	5183352	Eastern	1/4 of pit sampled. Bottom 60cm	2
			Reef	intact	
Pit22	556594	5183352	Eastern	Full sample.	3
			Reef		
Pit23	556596	5183372	Eastern	3/4 of pit sampled. North wall 20cm	3
			Reef	intact. Overbreak on west wall.	
Pit24	556588	5183374	Eastern	3/4 of pit sampled. Overbreak on east	3
			Reef	wall. 30cm bottom and 25cm west	
				wall intact	
Pit25	556599	5183380	Eastern	3/4 sample bottom 30cm intact.	2
			Reef		
Pit26	556571	5183417	Eastern	Full sample.	3
			Reef		
Pit27	556572	5183440	Eastern	Full sample.	3
			Reef		
Pit28	556564	5183443	Eastern	Full sample.	3
			Reef		

Table #3 – Costean samples.

### 9. Costs Statement

The total costs of \$203906.03 incurred for the 2021 program. The costs are broken down in terms of work type, associated costs, and other items. (See Appendix item "Cost breakdown".)

### 10. References

Bruce, E.L. 1932: Geology of the Townships of Janes, McNish, Pardo and Dana; Ontario Department of Mines Volume 41, Part 4, p.1-28, Accompanied by map 41f, scale 1 inch to ½ mile.

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Ploeger, C.J. 2006: Magnetometer and VLF Surveys Over the Pardo Gold Project, Pardo and Clement Townships, Ontario; Larder Geophysics Ltd. Assessment Report Q0670.01901.

Stockwell, C.H. 1964: Fourth Report on Structural Provinces, Orogenies and Time Classification of the Canadian Precambrian Shield; p.1-21, in Age Determinations and Geological Studies, Part II, Geological Studies, Geological Survey of Canada, Paper 64-17, 29 p.

Thomson, J.E. 1960: Uranium and Thorium Deposits at the Base of the Huronian System in the District of Sudbury; Ontario Department of Mines Geological Report No.

Van Schmus, W.R. 1965: The Geochronology of the Blind River-Bruce Mines Area, Ontario, Canada; Journal of Geology, Volume 73, Number 5, p. 755-780.

11. Certificate of Author

1) I am a Geological Engineering Tech with residence in Sudbury, Ontario and

currently employed as Operations Manager for Inventus Mining Corp.

2) I am a Associate Member #921699 of the Ontario Association of Certified

Engineering Technicians and Technologists.

3) I graduated from Cambrian College with a Diploma in Mining/Geological

Engineering Technology.

4) I have worked for Inventus Mining Corp. (Mount Logan Resources) since 2009.

5) I am not aware of any material fact or material change with respect to the subject

matter of this report, the omission to disclose which makes this report misleading.

6) I am not independent of Inventus Mining Corp., applying all tests in section 1.5

of NI43-101. I am under salary as an Operations Manager to the company.

7) As of the date of this certificate, and to the best of my knowledge, information

and belief, the Technical Report contains all scientific and technical information

related to the program here in described.

Dated

Signed:

Winston Whymark

40

# 12. Appendices

- Cost breakdown
- Assay Invoices and Certs
- Contractor and rental equipment invoices
- Daily log for trenching and sampling



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

CLIENT NAME: INVENTUS MINING CORP 82 RICHMOND ST. EAST TORONTO, ON M5C 1P1 416-214-5952

ATTENTION TO: Wesley Whymark

PROJECT:

AGAT WORK ORDER: 21B804668

SOLID ANALYSIS REVIEWED BY: Xunjia Liang, Lab Analyst

DATE REPORTED: Sep 27, 2021

PAGES (INCLUDING COVER): 7

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

-10100	

\*Notes

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.

  All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project
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- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
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- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.



AGAT WORK ORDER: 21B804668

PROJECT:

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

CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

	(200-) Sample Login Weight										
DATE SAMPLED: Se	p 20, 2021		DATE RECEIVED: Sep 21, 2021	DATE REPORTED: Sep 27, 2021	SAMPLE TYPE: Other						
	Analyte:	Sample Login Weight									
	Unit:	kg									
Sample ID (AGAT ID)	RDL:	0.005									
B00168405 (2996713)		0.96									
B00168410 (2996714)		0.94									
B00168502 (2996715)		0.90									
B00168526 (2996716)		0.89									
B00168550 (2996717)		0.96									
B00168554 (2996718)		SNR									

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





AGAT WORK ORDER: 21B804668

PROJECT:

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

CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

	(202-555) Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish											
DATE SAMPLED: Sep 20, 2021				DATE REC	EIVED: Sep 21, 2021	DATE REPORTED: Sep 27, 2021	SAMPLE TYPE: Other					
	Analyte:	Au	Pd	Pt								
	Unit:	ppm	ppm	ppm								
Sample ID (AGAT ID)	RDL:	0.001	0.001	0.005								
B00168405 (2996713)		8.567	<0.001	< 0.005								
B00168410 (2996714)		>10.00	< 0.001	0.010								
B00168502 (2996715)		>10.00	< 0.01	< 0.05								
B00168526 (2996716)		>10.00	0.010	0.010								
B00168550 (2996717)		>10.00	< 0.01	< 0.05								
B00168554 (2996718)		SNR	SNR	SNR								

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





AGAT WORK ORDER: 21B804668

PROJECT:

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

CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

(202-564) Fire Assay - Au Ore Grade, Gravimetric finish (50g charge)											
DATE SAMPLED: Sep 20, 2021 DATE RECEIVED: Sep 21, 2021 DATE REPORTED: Sep 27, 2021 SAMPLE TYPE:											
	Analyte:	Au-Grav									
	Unit:	g/t									
Sample ID (AGAT ID)	RDL:	0.5									
B00168410 (2996714)		13.7									
B00168502 (2996715)		65.0									
B00168526 (2996716)		13.1									
B00168550 (2996717)		31.6									

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



Quality Assurance - Replicate AGAT WORK ORDER: 21B804668 PROJECT:

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

CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

													•		
				(202-5)	55) Fire	Assay	- Au, P	t, Pd Tr	ace Leve	els, ICP	-OES fi	nish			
Parameter	Sample ID	Original	Replicate	RPD											
Au	2996713	8.567	8.069	6.0%											
Pd	2996713	<0.001	<0.001	0.0%											
Pt	2996713	<0.005	<0.005	0.0%											
			(20	02-564)	Fire As	say - A	u Ore G	Grade, G	ravimet	ric finis	h (50g	charge	)		
		REPLIC	ATE #1												
Parameter	Sample ID	Original	Replicate	RPD											
Au-Grav	2996715	65.0	63.1	2.9%											

Quality Assurance - Certified Reference materials AGAT WORK ORDER: 21B804668 PROJECT:

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

CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

					=,,,,										
				(202-5	55) Fire	Assay	′ - Au, I	Pt, Pd Tra	ace Lev	els, ICF	P-OES	finish			
CRM #1 (ref.ME1310)						CRM #2 (r	ef.PGMS27	')							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Au	0.063	0.06	102%	90% - 110%	4.8	4.50	94%	90% - 110%							
Pd	0.563	0.54	96%	90% - 110%	2.0	1.98	99%	90% - 110%							
Pt	0.433	0.45	104%	90% - 110%	1.29	1.30	101%	90% - 110%							
	•			(202-564)	Fire As	say - A	u Ore	Grade, G	ravime	tric fini	sh (50	g charge	2)		
		CRM #1	(ref.GS20)			CRM #2 (r	ef.PGMS27	')							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Au-Grav	19.65	19.4	99%	90% - 110%											



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# **Method Summary**

CLIENT NAME: INVENTUS MINING CORP AGAT WORK ORDER: 21B804668
PROJECT: ATTENTION TO: Wesley Whymark

SAMPLING SITE: SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis	·	·	
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-221-12006	BUGBEE, E;A Textbook of Fire Assay	ICP/OES
Pd	MW-200-12006	BUGBEE, E; A Textbook of Fire Assay	ICP/OES
Pt	MW-200-12006	BUGBEE, E; A Textbook of Fire Assay	ICP/OES
Au-Grav	MIN-12004	BUGBEE, E: A Textbook of Fire Assaying	GRAVIMETRIC



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CLIENT NAME: INVENTUS MINING CORP 82 RICHMOND ST. EAST TORONTO, ON M5C 1P1 416-214-5952

ATTENTION TO: Wesley Whymark

PROJECT:

AGAT WORK ORDER: 21B804680

SOLID ANALYSIS REVIEWED BY: Xunjia Liang, Lab Analyst

DATE REPORTED: Sep 27, 2021

PAGES (INCLUDING COVER): 7

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

\*Notes

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project
- Manager if you require additional sample storage time.
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- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.
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- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.



AGAT WORK ORDER: 21B804680

PROJECT:

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

CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

	(200-) Sample Login Weight										
DATE SAMPLED: Sep	20, 2021		DATE RECEIVED: Sep 21, 2021	DATE REPORTED: Sep 27, 2021	SAMPLE TYPE: Other						
	Analyte:	Sample Login Weight									
	Unit:	kg									
Sample ID (AGAT ID)	RDL:	0.005									
B00168406 (2996766)		0.95									
B00168407 (2996767)		1.03									
B00168409 (2996768)		0.88									
B00168411 (2996769)		1.01									
B00168503 (2996770)		0.94									
B00168504 (2996771)		1.00									
B00168505 (2996772)		1.00									
B00168549 (2996773)		1.01									
B00168551 (2996774)		0.94									
B00168553 (2996775)		0.89									
B00168554 (2996776)		0.93									
B00168555 (2996777)		1.00									

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





AGAT WORK ORDER: 21B804680

PROJECT:

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

CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

(202-555) Fire Assay - Au, Pt, Pd Trace Levels, ICP-OES finish											
DATE SAMPLED: Sep	20, 2021			DATE RECEIVE	ED: Sep 21, 2021	DATE REPORTED:	Sep 27, 2021	SAMPLE TYPE: Other			
	Analyte:	Au	Pd	Pt							
	Unit:	ppm	ppm	ppm							
Sample ID (AGAT ID)	RDL:	0.001	0.001	0.005							
B00168406 (2996766)		1.704	<0.001	<0.005							
B00168407 (2996767)		3.973	< 0.001	0.010							
B00168409 (2996768)		4.984	< 0.001	<0.005							
B00168411 (2996769)		0.169	< 0.001	<0.005							
B00168503 (2996770)		6.302	< 0.001	< 0.005							
B00168504 (2996771)		5.121	< 0.001	<0.005							
B00168505 (2996772)		2.131	< 0.001	<0.005							
B00168549 (2996773)		1.418	< 0.001	<0.005							
B00168551 (2996774)		3.127	< 0.001	<0.005							
B00168553 (2996775)		0.852	< 0.001	<0.005							
B00168554 (2996776)		>10.00	< 0.001	0.030							
B00168555 (2996777)		0.218	< 0.001	<0.005							

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





AGAT WORK ORDER: 21B804680

PROJECT:

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

CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

	(202-564) Fire Assay - Au Ore Grade, Gravimetric finish (50g charge)								
DATE SAMPLED: Sep	DATE SAMPLED: Sep 20, 2021 DATE RECEIVED: Sep 21, 2021 DATE REPORTED: Sep 27, 2021 SAMPLE TYPE: Other								
	Analyte:	Au-Grav							
	Unit:	g/t							
Sample ID (AGAT ID)	RDL:	0.5							
B00168554 (2996776)		13.7							

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



Quality Assurance - Replicate AGAT WORK ORDER: 21B804680 PROJECT:

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

CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

				/000 F		Λ	A D	. D.I.T.		-1- 100	0000	! ! .			
				(202-5	55) Fire	Assay	- Au, Pi	t, Pa Ir	ace Leve	eis, icp	-OES II	nisn			
		REPLIC	ATE #1												
Parameter	Sample ID	Original	Replicate	RPD											
Au	2996766	1.704	1.916	11.7%											
Pd	2996766	<0.001	<0.001	0.0%											
Pt	2996766	<0.005	<0.005	0.0%											
			(2	02-564)	Fire As	say - A	u Ore G	Grade, G	ravimet	ric finis	h (50g	charge	)		
		REPLIC	ATE #1												
Parameter	Sample ID	Original	Replicate	RPD											
Au-Grav	2996776	13.7	14.7	7.1%											

Quality Assurance - Certified Reference materials AGAT WORK ORDER: 21B804680 PROJECT:

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

CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

				(202-5	55) Fire	Assay	/ - Au, I	Pt, Pd Tra	ace Lev	els, ICF	P-OES	finish			
		CRM #1 (	ref.ME1310	))		CRM #2 (	ref.PGMS27	<b>'</b> )							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Au	0.063	0.06	102%	90% - 110%	4.8	4.50	94%	90% - 110%							
Pd	0.563	0.54	96%	90% - 110%	2.0	1.98	99%	90% - 110%							
Pt	0.433	0.45	104%	90% - 110%	1.29	1.30	101%	90% - 110%							
	•			(202-564)	Fire As	say - A	u Ore	Grade, G	ravime	tric fini	sh (50	g charge	)	•	
		CRM #1	(ref.GS20)			CRM #2 (	ref.PGMS27	7)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Au-Grav	19.65	19.4	99%	90% - 110%											



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

# **Method Summary**

CLIENT NAME: INVENTUS MINING CORP AGAT WORK ORDER: 21B804680
PROJECT: ATTENTION TO: Wesley Whymark

SAMPLING SITE: SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-221-12006	BUGBEE, E; A Textbook of Fire Assay	ICP/OES
Pd	MW-200-12006	BUGBEE, E;A Textbook of Fire Assay	ICP/OES
Pt	MW-200-12006	BUGBEE, E; A Textbook of Fire Assay	ICP/OES
Au-Grav	MIN-12004	BUGBEE, E: A Textbook of Fire Assaying	GRAVIMETRIC



### **ANALYSIS REPORT BBM21-09949**

INVENTUS MINING CORP WESLEY WHYMARK 1-1785 FROBISHER ST SUDBURY P3A 6C8 ON

**CANADA** 

Order Number PO: Date Received 11-May-2021

> Sudbury 2.0 04-Jun-2021 - 24-Jun-2021 Date Analysed

Submission Number \*SD\* Sudbury 2.0 Project/ 57 **Date Completed** 25-Jun-2021 Samples SGS Order Number BBM21-09949

Number of Samples 57

Methods Summary	Methods Summary						
Number of Sample	Method Code	Description					
57	G_WGH_KG	Weight of samples received					
57	G_PRP	Combined Sample Preparation					
57	GE_FAI50V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 50g-5mL					
3	GO_FAG50V	Au, FAS, Gravimetric, 50g					

#### Comments

Project

Preparation of samples was performed at the SGS Sudbury Analysis of samples was performed at the SGS Burnaby site

Possible occurrence of coarse gold noted.

**Authorised Signatory** 

John Chiang **Laboratory Operations** 

Manager

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> - not analysed -- element not determined | I.S. insufficient sample | L.N.R. listed not received

25-Jun-2021 8:35PM BBM\_U0011172351 Page 1 of 4 MIN-M\_COA\_ROW-Last Modified Date: 05-Nov-2019



PO:

**ANALYSIS REPORT BBM21-09949** 

Project Submission Number Sudbury 2.0

\*SD\* Sudbury 2.0 Project/ 57

Samples

Number of Samples

57

Element	WTG	@Au	@Pt	@Pd	@Au
Method	G_WGH_KG	GE_FAI50V5	GE_FAI50V5	GE_FAI50V5	GO_FAG50V
Lower Limit	0.01	1	10	1	0.5
Upper Limit		10,000	10,000	10,000	10,000
Unit	kg	ppb	ppb	ppb	mg / kg
S00365180	2.17	10	<10	2	
S00365181	1.94	2	<10	2	-
S00365182	3.56	13	<10	2	
S00365183	3.05	5	<10	2	
S00365184	2.27	14	<10	2	
S00365185	2.04	1	<10	1	-
S00365186	1.67	4	<10	<1	-
S00365187	3.09	17	<10	2	
S00365188	2.31	76	<10	<1	
S00365189	2.24	43	<10	<1	
S00365190	1.86	85	<10	9	
S00365191	2.79	4600	<10	<1	
S00365192	3.11	46	<10	<1	
S00365193	3.29	659	<10	1	
S00365194	2.13	374	<10	<1	
S00365195	2.06	5640	<10	1	
S00365196	2.84	473	<10	1	
S00365197	2.60	130	<10	<1	
S00365198	3.26	479	<10	1	
S00365199	0.18	1	<10	<1	
S00365200	3.33	3850	<10	4	
S00365201	2.92	>10000	<10	2	69.8
S00365202	2.40	>10000	<10	2	25.1
S00365203	3.32	24	<10	1	
S00365204	4.01	667	<10	2	
S00365205	3.09	3250	<10	6	
S00365206	2.93	5420	<10	2	
S00365207	1.64	962	<10	4	
S00365208	1.59	5960	<10	2	

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Samples

PO:

**ANALYSIS REPORT BBM21-09949** 

Project

Sudbury 2.0 \*SD\* Sudbury 2.0 Project/ 57

Submission Number

Number of Samples

57

Element	WTG	@Au	@Pt	@Pd	@Au
Method	G_WGH_KG	GE_FAI50V5	GE_FAI50V5	GE_FAI50V5	GO_FAG50V
Lower Limit	0.01	1	10	1	0.5
Upper Limit		10,000	10,000	10,000	10,000
Unit	kg	ppb	ppb	ppb	mg / kg
S00365209	3.19	9880	10	7	-
S00365210	1.64	>10000	30	5	11.4
S00365211	3.28	1050	<10	<1	-
S00365212	2.16	731	<10	2	-
S00365213	2.44	626	<10	2	-
S00365214	2.29	818	<10	1	-
S00365215	2.69	56	<10	1	-
S00365216	3.04	499	<10	1	-
S00365217	2.62	22	<10	<1	-
S00365218	3.22	26	<10	1	-
S00365219	3.13	2140	<10	22	-
S00365220	0.05	2950	10	15	-
S00365221	2.17	1610	<10	<1	-
S00365222	3.07	43	<10	3	-
S00365223	2.43	161	<10	1	-
S00365224	2.13	228	<10	2	-
S00365225	2.89	359	<10	<1	-
S00365226	2.99	1490	<10	<1	-
S00365227	3.47	128	<10	<1	-
S00365228	3.15	1540	<10	2	-
S00365229	2.60	512	<10	1	-
S00365230	3.38	406	<10	2	-
S00365231	2.60	147	<10	1	-
S00365232	2.25	82	<10	1	-
S00365233	2.50	39	<10	2	-
S00365234	2.55	591	<10	<1	-
S00365235	3.67	1930	<10	6	-
S00365236	2.91	341	<10	1	-
*Dup S00365218	_	36	<10	1	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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PO:

**ANALYSIS REPORT BBM21-09949** 

Project Submission Number Sudbury 2.0

\*SD\* Sudbury 2.0 Project/ 57

Samples

Number of Samples 57

Element	WTG	@Au	@Pt	@Pd	@Au
Method	G_WGH_KG	GE_FAI50V5	GE_FAI50V5	GE_FAI50V5	GO_FAG50V
Lower Limit	0.01	1	10	1	0.5
Upper Limit		10,000	10,000	10,000	10,000
Unit	kg	ppb	ppb	ppb	mg / kg
*Rep S00365194	-	84	<10	<1	-
*Std OREAS 680	-	164	420	227	-
*BIk BLANK	-	1	<10	<1	-
*Rep S00365229	-	431	<10	1	-
*Std OREAS 45f	-	18	40	56	-
*BIk BLANK	-	1	<10	<1	-
*Rep S00365201	-	-	-	-	71.7
*Std SN106	-	-	-	-	8.6
*Std OREAS 299	-	-	-	-	87.0
*BIk BLANK	-	-	-	-	<0.5

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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### **ANALYSIS REPORT BBM21-09975**

INVENTUS MINING CORP WESLEY WHYMARK 1-1785 FROBISHER ST SUDBURY P3A 6C8 ON **CANADA** 

Order Number	PO#	Date Received	27-May-2021
Project	Sudbury 2.0	Date Analysed	06-Jun-2021 - 19-Jul-2021
Submission Number	*SD* Sudbury 2.0 Project/ 32 Rocks	Date Completed	20-Jul-2021
Number of Samples	32	SGS Order Number	BBM21-09975

Methods Summary	Methods Summary							
Number of Sample	Method Code	Description						
32	G_WGH_KG	Weight of samples received						
31	G_PRP	Combined Sample Preparation						
32	GE_FAI50V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 50g-5mL						
1	GO_FAG50V	Au, FAS, Gravimetric, 50g						

#### Comments

Preparation of samples was performed at the SGS Sudbury Analysis of samples was performed at the SGS Burnaby site

**Authorised Signatory** 

John Chiang **Laboratory Operations** 

Manager

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> - not analysed -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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PO#

Project

Sudbury 2.0

Submission Number

\*SD\* Sudbury 2.0 Project/ 32 Rocks

**Number of Samples** 

# **ANALYSIS REPORT BBM21-09975**

Element	WTG	@Au	@Au
Method	G_WGH_KG	GE_FAI50V5	GO_FAG50V
Lower Limit	0.01	1	0.5
Upper Limit		10,000	10,000
Unit	kg	ppb	mg / kg
S00365237	3.40	29	
S00365238	3.16	201	
S00365239	3.71	904	
S00365240	0.39	<1	
S00365241	3.39	910	
S00365242	3.22	461	
S00365243	4.02	357	
S00365244	3.79	938	
S00365245	3.61	1840	
S00365246	2.92	1400	
S00365247	3.64	4690	
S00365248	2.92	565	
S00365249	3.37	521	
S00365250	2.94	218	
S00365251	4.58	8250	
S00365252	5.33	5730	
S00365253	4.16	309	
S00365254	3.13	30	
S00365255	4.74	5960	
S00365256	4.87	1160	
S00365257	4.51	2050	
S00365258	4.17	6540	
S00365259	4.88	960	
S00365260	5.10	1430	
S00365261	0.06	3030	
S00365262	4.57	594	
S00365263	4.99	97	
S00365264	5.97	4420	
S00365265	4.96	531	
S00365266	5.45	9940	
S00365267	5.24	>10000	26.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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PO#

Project

Sudbury 2.0

Submission Number

\*SD\* Sudbury 2.0 Project/ 32 Rocks

**Number of Samples** 

Element	WTG	@Au	@Au
Method	G_WGH_KG	GE_FAI50V5	GO_FAG50V
Lower Limit	0.01	1	0.5
Upper Limit		10,000	10,000
Unit	kg	ppb	mg / kg
S00365268	4.37	5710	-
*Rep S00365245	-	2140	-
*Std OREAS 680	-	160	-
*BIk BLANK	-	<1	-
*BIk BLANK	-	<1	-
*BIk BLANK	-	-	<0.5
*Rep S00365267	-	-	26.4
*Std GS-13B	-	-	13.2

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Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed |

-- element not determined | I.S. insufficient sample

| L.N.R. listed not received

**ANALYSIS REPORT BBM21-09975** 

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### **ANALYSIS REPORT BBM21-10029**

INVENTUS MINING CORP WESLEY WHYMARK 1-1785 FROBISHER ST SUDBURY P3A 6C8 ON

**CANADA** 

PO# Order Number Date Received 28-May-2021

> Sudbury 2.0 06-Jun-2021 - 12-Jul-2021 Date Analysed

Submission Number \*SD\* Sudbury 2.0 Project / 86 Rocks **Date Completed** 22-Jul-2021

(1-76)SGS Order Number BBM21-10029 Number of Samples 76

Methous Summary			
Number of Sample	Method Code	Description	
76	G_WGH_KG	Weight of samples received	
74	G_PRP	Combined Sample Preparation	
76	GE_FAI50V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 50g-5mL	
3	GO_FAG50V	Au, FAS, Gravimetric, 50g	

#### Comments

Project

Preparation of samples was performed at the SGS Sudbury Analysis of samples was performed at the SGS Burnaby site

**Authorised Signatory** 

John Chiang **Laboratory Operations** 

Manager

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> - not analysed -- element not determined I.S. insufficient sample | L.N.R. listed not received

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PO#

Project

Sudbury 2.0

Submission Number (1-76)

\*SD\* Sudbury 2.0 Project / 86 Rocks

Number of Samples 76

Element	WTG	@Au	@Au
Method	G_WGH_KG	GE_FAI50V5	GO_FAG50V
Lower Limit	0.01	1	0.5
Upper Limit		10,000	10,000
Unit	kg	ppb	mg / kg
S00365269	3.50	118	-
S00365270	3.94	1600	-
S00365271	3.39	4090	-
S00365272	3.26	2780	-
S00365273	3.57	6	-
S00365274	4.74	9	-
S00365275	4.99	4	-
S00365276	6.45	78	-
S00365277	5.38	330	-
S00365278	4.74	100	-
S00365279	4.82	16	-
S00365280	5.11	13	-
S00365281	0.21	<1	-
S00365282	5.11	45	-
S00365283	6.13	40	-
S00365284	4.52	60	-
S00365285	5.01	1640	-
S00365286	2.73	1720	-
S00365287	4.05	220	-
S00365288	3.05	36	-
S00365289	3.68	153	-
S00365290	5.26	49	-
S00365291	4.91	361	-
S00365292	4.64	1160	-
S00365293	4.27	1420	-
S00365294	4.69	7280	-
S00365295	4.49	43	-
S00365296	4.34	45	-
S00365297	2.39	370	-
S00365298	3.82	1220	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

**ANALYSIS REPORT BBM21-10029** 

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PO#

Sudbury 2.0

Project Submission Number

\*SD\* Sudbury 2.0 Project / 86 Rocks

(1-76)

Number of Samples

76

### **ANALYSIS REPORT BBM21-10029**

Element	WTG	@Au	@Au
Method	G_WGH_KG	GE_FAI50V5	GO_FAG50V
Lower Limit	0.01	1	0.5
Upper Limit		10,000	10,000
Unit	kg	ppb	mg / kg
S00365299	4.38	686	-
S00365300	4.48	324	-
S00365301	0.06	531	-
S00365302	5.29	306	-
S00365303	4.16	102	
S00365304	4.89	2340	-
S00365305	5.35	1700	-
S00365306	4.32	1140	
S00365307	4.66	3010	
S00365308	4.62	725	
S00365309	5.58	2430	
S00365310	4.88	>10000	14.6
S00365311	4.49	7910	
S00365312	4.05	5910	
S00365313	4.85	344	
S00365314	5.74	4070	
S00365315	6.11	>10000	11.9
S00365316	5.05	9250	
S00365317	5.12	2620	
S00365318	5.64	21	
S00365319	5.33	22	
S00365320	5.63	8	
S00365321	0.36	<1	
S00365322	5.51	85	
S00365323	3.39	192	
S00365324	4.69	71	
S00365325	5.79	3	
S00365326	4.06	13	
S00365327	4.34	717	
S00365328	6.69	2610	

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number Project

PO#

Sudbury 2.0

\*SD\* Sudbury 2.0 Project / 86 Rocks

(1-76)

Number of Samples

Submission Number

76

### **ANALYSIS REPORT BBM21-10029**

Element	WTG	@Au	@Au
Method	G_WGH_KG	GE_FAI50V5	GO_FAG50V
Lower Limit	0.01	1	0.5
Upper Limit		10,000	10,000
Unit	kg	ppb	mg / kg
S00365329	5.97	2050	
S00365330	4.66	671	
S00365331	3.99	404	
S00365332	3.69	70	
S00365333	4.78	3	
S00365334	3.83	12	
S00365335	4.56	154	
S00365336	5.23	312	
S00365337	4.90	1300	
S00365338	5.18	7290	
S00365339	4.63	137	
S00365340	4.80	943	
S00365341	0.06	>10000	I.S
S00365342	4.86	509	
S00365343	4.90	131	
S00365344	4.83	6730	
*Dup S00365307	-	2810	
*BIk BLANK	-	1	
*Std OREAS 680	-	157	
*BIk BLANK	-	<1	
*Std OREAS 681	-	51	
*BIk BLANK	-	<1	
*Std OREAS 45f	-	19	
*BIk BLANK	-	-	<0.5
*Std OREAS 257b	-	-	13.9
*Std OREAS 680	-	160	
*BIk BLANK	-	<1	
*Rep S00365281	-	<1	
*BIk BLANK	-	<1	
*Rep S00365332	-	78	

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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PO#

**ANALYSIS REPORT BBM21-10029** 

Project

Sudbury 2.0

Submission Number

\*SD\* Sudbury 2.0 Project / 86 Rocks

(1-76)

**Number of Samples** 76

Element	WTG	@Au	@Au
Method	G_WGH_KG	GE_FAI50V5	GO_FAG50V
Lower Limit	0.01	1	0.5
Upper Limit		10,000	10,000
Unit	kg	ppb	mg / kg
*BIk BLANK	-	2	
*Std OREAS 681	-	53	
*BIK BLANK	-	1	
*Std OREAS 45f	-	17	
*BIK BLANK	-	-	<0.5
*Rep S00365310	-	-	11.7
*Std GS-13B	-	-	12.6

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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### **ANALYSIS REPORT BBM21-10031**

INVENTUS MINING CORP WESLEY WHYMARK 1-1785 FROBISHER ST SUDBURY P3A 6C8 ON **CANADA** 

PO# Order Number Date Received 28-May-2021 Sudbury 2.0 06-Jun-2021 - 19-Jul-2021 Project Date Analysed Submission Number \*SD\* Sudbury 2.0 Project / 86 Rocks **Date Completed** 22-Jul-2021 (77-86)SGS Order Number BBM21-10031 Number of Samples 10

Methods Summary	Methods Summary		
Number of Sample	Method Code	<u>Description</u>	
10	G_WGH_KG	Weight of samples received	
10	G_PRP	Combined Sample Preparation	
10	GE_FAI50V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 50g-5mL	
2	GO_FAG50V	Au, FAS, Gravimetric, 50g	

#### Comments

Preparation of samples was performed at the SGS Sudbury Analysis of samples was performed at the SGS Burnaby site

**Authorised Signatory** 

John Chiang **Laboratory Operations** 

Manager

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> - not analysed -- element not determined I.S. insufficient sample | L.N.R. listed not received

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PO#

**ANALYSIS REPORT BBM21-10031** 

Project

Sudbury 2.0

Submission Number

\*SD\* Sudbury 2.0 Project / 86 Rocks

(77-86)

Number of Samples 10

Element	WTG	@Au	@Au
Method	G_WGH_KG	GE_FAI50V5	GO_FAG50V
Lower Limit	0.01	1	0.5
Upper Limit		10,000	10,000
Unit	kg	ppb	mg / kg
S00365345	4.58	220	-
S00365346	5.11	84	-
S00365347	4.72	2890	-
S00365348	4.34	1230	-
S00365349	3.80	>10000	23.1
S00365350	5.93	>10000	22.0
S00365351	5.89	249	-
S00365352	5.71	2030	-
S00365353	5.34	55	-
S00365354	3.70	353	-
*BIk BLANK	-	-	<0.5
*Std GS-13B	-	-	13.2
*Blk BLANK	-	2	-
*Std OREAS 681	-	53	-
*Blk BLANK	-	1	-
*Std OREAS 45f	-	17	-

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- not analysed |

-- element not determined | I.S. insufficient sample

| L.N.R. listed not received

22-Jul-2021 6:14PM BBM\_U0012092394

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### **ANALYSIS REPORT BBM21-10211**

INVENTUS MINING CORP WESLEY WHYMARK 1-1785 FROBISHER ST SUDBURY P3A 6C8 ON **CANADA** 

Project	Sudbury 2.0	Date Received	07-Jun-2021
Submission Number	*SD* Sudbury 2.0 Project / 27 Rocks	Date Analysed	22-Jun-2021 - 19-Jul-2021
Number of Samples	27	Date Completed	22-Jul-2021
		SGS Order Number	BBM21-10211

Methods Summary	•		
Number of Sample	Method Code	Description	
27	G_WGH_KG	Weight of samples received	
26	G_PRP	Combined Sample Preparation	
27	GE_FAI50V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 50g-5mL	
2	GO_FAG50V	Au, FAS, Gravimetric, 50g	

#### Comments

Preparation of samples was performed at the SGS Sudbury Analysis of samples was performed at the SGS Burnaby site

**Authorised Signatory** 

John Chiang **Laboratory Operations** 

Manager

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> - not analysed -- element not determined | I.S. insufficient sample | L.N.R. listed not received

22-Jul-2021 6:12PM BBM\_U0012092362 Page 1 of 3 MIN-M\_COA\_ROW-Last Modified Date: 05-Nov-2019



Project Submission Number **Number of Samples** 

Sudbury 2.0

\*SD\* Sudbury 2.0 Project / 27 Rocks

27

### **ANALYSIS REPORT BBM21-10211**

Element	WTG	@Au	@Au
Method	G_WGH_KG	GE_FAI50V5	GO_FAG50V
Lower Limit	0.01	1	0.5
Upper Limit		10,000	10,000
Unit	kg	ppb	mg / kg
S00365355	3.47	106	
S00365356	3.99	1230	
S00365357	5.09	>10000	10.
S00365358	5.10	3110	
S00365359	4.56	1240	
S00365360	0.40	1	
S00365361	4.79	1140	
S00365362	5.25	33	
S00365363	5.92	550	
S00365364	4.91	1520	
S00365365	5.02	1680	
S00365366	4.96	3520	
S00365367	5.55	>10000	15.
S00365368	4.51	9960	
S00365369	3.77	99	
S00365370	5.41	1360	
S00365371	4.18	2820	
S00365372	3.22	240	
S00365373	4.57	2730	
S00365374	3.68	1110	
S00365375	3.37	4120	
S00365376	4.98	630	
S00365377	4.53	2460	
S00365378	5.01	961	
S00365379	4.54	671	
S00365380	0.09	2970	
S00365381	3.91	329	
*BIk BLANK	-	<1	
*Std OREAS 681	-	51	
*BIk BLANK	-	<1	
*Std OREAS 45f	-	19	
*BIk BLANK	-	-	<0.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

22-Jul-2021 6:12PM BBM\_U0012092362

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Project Submission Number Sudbury 2.0

\*SD\* Sudbury 2.0 Project / 27 Rocks

**Number of Samples** 27 **ANALYSIS REPORT BBM21-10211** 

Element	WTG	@Au	@Au
Method	G_WGH_KG	GE_FAI50V5	GO_FAG50V
Lower Limit	0.01	1	0.5
Upper Limit		10,000	10,000
Unit	kg	ppb	mg / kg
*Std GS-13B	-	-	13.2
*BIk BLANK	-	2	-
*Std OREAS 681	-	53	-
*BIk BLANK	-	1	-
*Std OREAS 45f	-	17	-
*Rep S00365360	-	1	-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs

Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

22-Jul-2021 6:12PM BBM\_U0012092362

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MIN-M\_COA\_ROW-Last Modified Date: 05-Nov-2019

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### **ANALYSIS REPORT BBM21-10312**

INVENTUS MINING CORP WESLEY WHYMARK 1-1785 FROBISHER ST SUDBURY P3A 6C8 ON CANADA

Project	Sudbury 2.0	Date Received	11-Jun-2021
Submission Number	*SD* Sudbury 2.0 Project / 19 Rocks	Date Analysed	22-Jun-2021 - 12-Jul-2021
Number of Samples	19	Date Completed	12-Jul-2021
		SGS Order Number	BBM21-10312

Methods Summary		
Number of Sample	Method Code	<u>Description</u>
19	G_WGH_KG	Weight of samples received
19	G_PRP	Combined Sample Preparation
19	GE_FAI50V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 50g-5mL

#### Comments

Preparation of samples was performed at the SGS Sudbury Analysis of samples was performed at the SGS Burnaby site Samples may contain coarse Au.

**Authorised Signatory** 

John Chiang **Laboratory Operations** Manager

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> - not analysed -- element not determined | I.S. insufficient sample | L.N.R. listed not received

14-Jul-2021 9:55PM BBM\_U0011794780 Page 1 of 2 MIN-M\_COA\_ROW-Last Modified Date: 05-Nov-2019



Project Submission Number **Number of Samples** 

Sudbury 2.0

\*SD\* Sudbury 2.0 Project / 19 Rocks

19

### **ANALYSIS REPORT BBM21-10312**

Element Method	WTG G_WGH_KG	@Au GE_FAI50V5
Lower Limit	0.01	1
Upper Limit Unit		10,000
500365382	kg 3.06	ppb 48
500365383	4.56	264
500365384	3.79	366
500365385	5.09	778
500365386	3.59	435
500365387	3.74	3900
500365388	2.17	255
500365389	3.30	375
500365390	3.96	1580
500365391	3.27	425
500365392	3.37	960
500365393	4.00	516
500365394	3.96	1180
500365395	3.57	727
500365396	4.58	1270
500365397	3.69	1210
500365398	3.85	276
500365399	4.45	316
500365400	0.48	<1
*Blk BLANK	-	<1
*Rep 500365389	-	257
*Std OREAS 681	-	51
*Rep 500365399	-	137
*BIk BLANK	-	<1
*Std OREAS 45f	_	19

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

14-Jul-2021 9:55PM BBM\_U0011794780

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#### **ANALYSIS REPORT BBM21-10827**

INVENTUS MINING CORP WESLEY WHYMARK 1-1785 FROBISHER ST SUDBURY P3A 6C8 ON

CANADA

Project	Sudbury 2.0	Date Received	02-Jul-2021
Submission Number	*SD* Sudbury 2.0 Project / 43 Rocks	Date Analysed	09-Jul-2021 - 26-Jul-2021
Number of Samples	43	Date Completed	03-Aug-2021
		SGS Order Number	RRM21_10827

Me	thods	Summary
		•

Number of Sample	Method Code	<u>Description</u>
43	G_WGH_KG	Weight of samples received
43	GE_FAI50V5	Au, Pt, Pd, FAS, exploration grade, ICP-AES, 50g-5mL

#### Comments

Preparation of samples was performed at the SGS Sudbury. Analysis of samples was performed at the SGS Burnaby site. Samples may contain coarse gold.

**Authorised Signatory** 

John Chiang **Laboratory Operations** Manager

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> - not analysed -- element not determined | I.S. insufficient sample | L.N.R. listed not received

3-Aug-2021 8:12PM BBM\_U0012510647 Page 1 of 3 MIN-M\_COA\_ROW-Last Modified Date: 05-Nov-2019



Project Submission Number Number of Samples

Sudbury 2.0

\*SD\* Sudbury 2.0 Project / 43 Rocks

43

## **ANALYSIS REPORT BBM21-10827**

Element	WTG	@Au
Method	G_WGH_KG	GE_FAI50V5
Lower Limit	0.01	1
Upper Limit		10,000
Unit	kg	ppb
S00365401	4.17	2
S00365402	5.00	2
S00365403	5.06	47
S00365404	4.28	31
S00365405	4.80	7
S00365406	3.87	3
S00365407	4.80	3
S00365408	4.51	6
S00365409	5.36	8
S00365410	3.37	3
S00365411	3.92	4
S00365412	4.43	3
S00365413	5.26	3
S00365414	5.00	2
S00365415	3.79	6
S00365416	4.58	5
S00365417	3.08	3
S00365418	2.83	14
S00365419	3.60	28
S00365420	0.29	<1
S00365421	4.74	11
S00365422	5.73	4
S00365423	2.23	9
S00365424	2.44	2
S00365425	4.14	7
S00365426	5.64	8
S00365427	3.82	252
S00365428	3.76	17
S00365429	3.62	57
S00365430	4.20	1290

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project Submission Number **Number of Samples** 

Sudbury 2.0

\*SD\* Sudbury 2.0 Project / 43 Rocks

43

### **ANALYSIS REPORT BBM21-10827**

Element Method	WTG G_WGH_KG	@Au GE_FAl50V5
Lower Limit	0.01	1
Upper Limit		10,000
Unit	kg	ppb
S00365431	4.13	323
S00365432	4.06	42
S00365433	3.30	28
S00365434	4.02	158
S00365435	5.72	7
S00365436	5.45	5
S00365437	3.90	2
S00365438	3.01	5
S00365439	3.62	11
S00365440	0.08	487
S00365441	3.32	11
S00365442	4.45	15
S00365443	3.22	24
*BIk BLANK	-	1
*Std OREAS 680	-	161
*Rep S00365418	-	15
*Std OREAS 45f	-	19
*Rep S00365443	-	19
*BIk BLANK	-	1

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

3-Aug-2021 8:12PM BBM\_U0012510647

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# **2021** Daily Activities Log: Pardo Gold Project

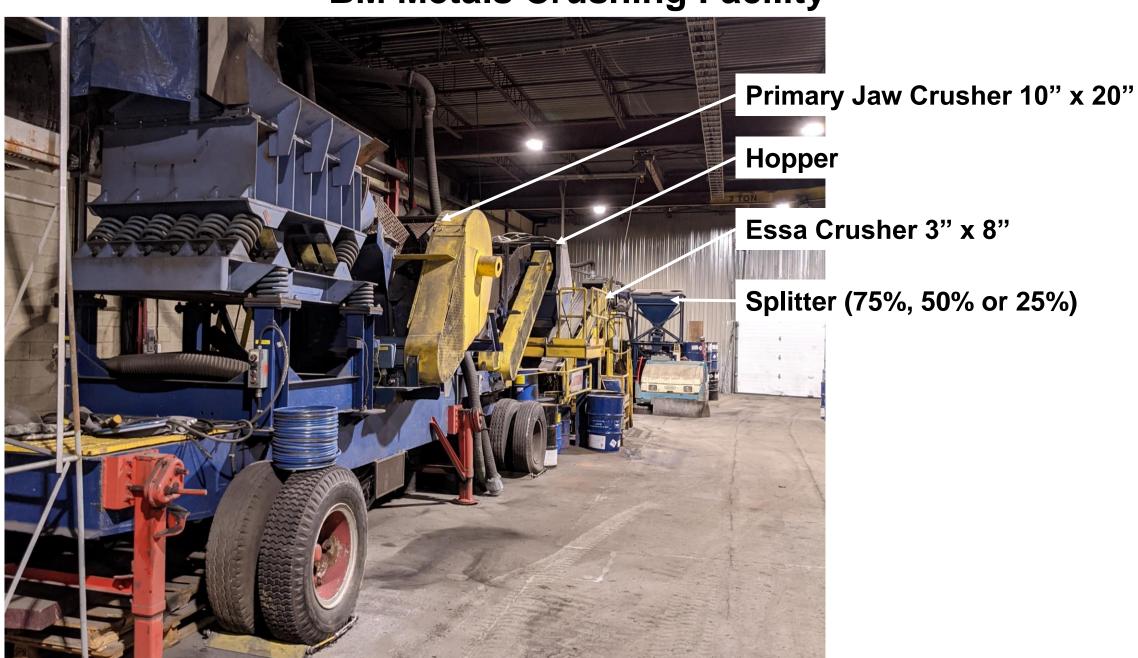
# Mapping/Prospecting

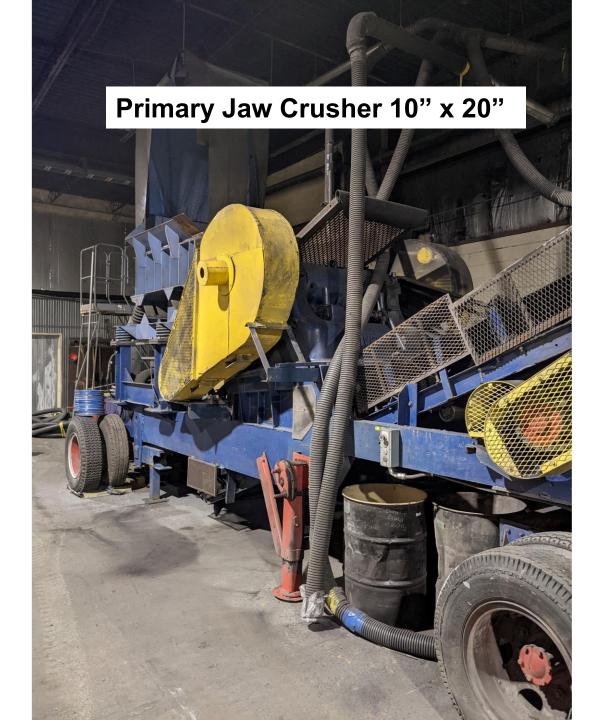
Date	<b>#Days</b> (name see cost breakdown)	Work type (see timesheets for more detail)
May	4 days (WE)	Geological mapping/Prospecting (Pardo/Clement Twp)
June	4 days (WE)	Geological mapping/Prospecting (Pardo/Clement Twp)
July	3 days (WE)	Geological mapping/Prospecting (Pardo/Clement Twp)
August	5 days (RS,WE, PP)	Geological mapping/Prospecting/detail trench mapping (Pardo/Clement Twp)
Sept	1 days (WE)	Geological mapping/Prospecting/ (Pardo/Clement Twp)
Oct	5 days (RS,WE)	Geological mapping/Prospecting/ (Pardo/Clement Twp)
Nov	6 days (WE)	Geological mapping/Prospecting/ (Pardo/Clement Twp)

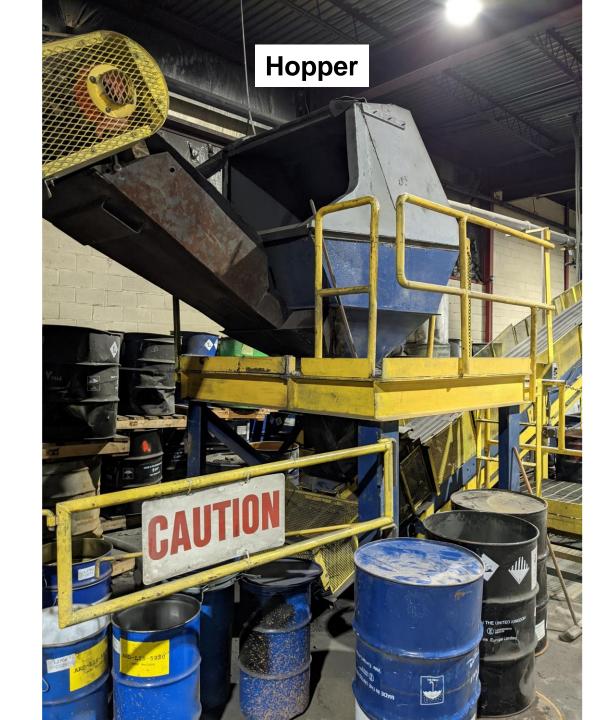
## Trenching/Washing/Channel sampling/Costean pit sampling

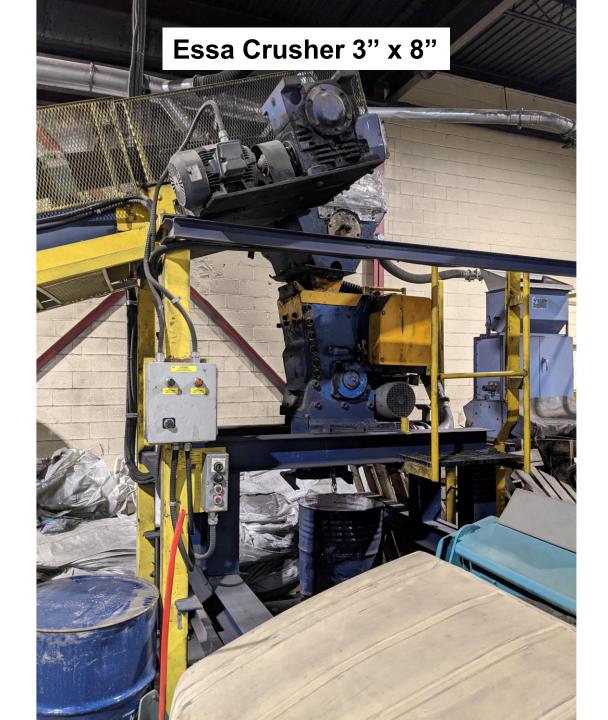
Date	#Days (name see cost breakdown)	Work type (see timesheets for more detail)
April	5 (Wi)	130 LB Excavating, washing and channel
		sampling/drilling/bagging sample
May	18 (Wi), 16.5 (PP)	130 LB Excavating, washing and channel
	8.6 (TM)	sampling/drilling/bagging sample
June	16 (Wi) 3 (TM)	130 LB Excavating, washing and channel
		sampling/drilling/bagging sample
October	18 (Wi), 9 (NE),	130 LB Excavating, drilling/bagging sample
November	10 Wi, 7 TM	130 LB Excavating, drilling/bagging sample

# **BM Metals Crushing Facility**



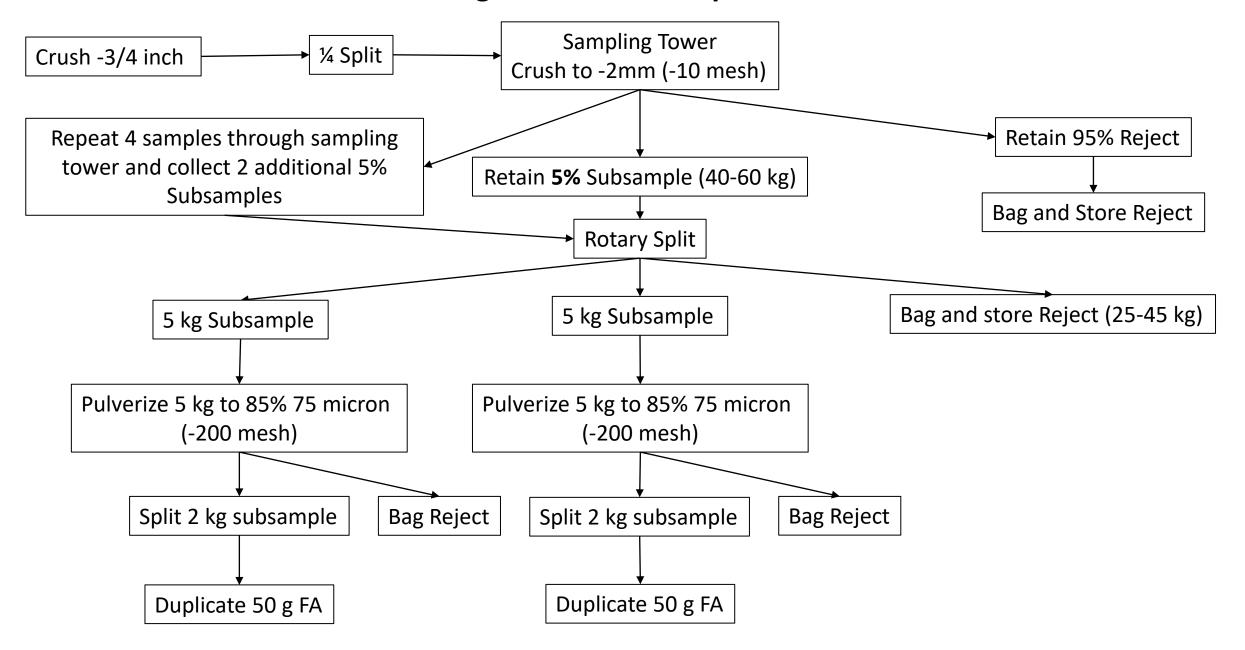








# **Inventus Mining – Mini Bulk Sample Process Flowsheet**



# **INVENTUS**

# **TIME SHEET**

**Employee: Pascal Prevost-Aubin** 

Time Worked: 18 days @ \$200.00 per day

Tashing outcrops, channel sampling Tashing outcrops, channel sampling Tashing outcrops, channel sampling Tashing outcrops, channel sampling Tolf Lake Site cleanup Taintenance, supply run, cleaning core shack, pickup rental tools, Toling Tashing, channel sampling	100% - Pardo  50% - Pardo,  50% - Sudbury 2.0  100% - Pardo
Tashing outcrops, channel sampling Tashing outcrops, channel sampling Tolf Lake Site cleanup Tolf Lake Site cleanu	100% - Pardo 100% - Pardo 100% - Sudbury 2.0 50%- Pardo, 50%- Sudbury 2.0
ashing outcrops, channel sampling  Tolf Lake Site cleanup  aintenance, supply run, cleaning core shack, pickup rental tools,  oving cores and storage container sorting  rilling	100% - Pardo 100% - Sudbury 2.0 50%- Pardo, 50%- Sudbury 2.0
olf Lake Site cleanup aintenance, supply run, cleaning core shack, pickup rental tools, oving cores and storage container sorting rilling	100% - Sudbury 2.0 50%- Pardo, 50%- Sudbury 2.0
aintenance, supply run, cleaning core shack, pickup rental tools, oving cores and storage container sorting rilling	50%- Pardo, 50%- Sudbury 2.0
oving cores and storage container sorting	50%- Sudbury 2.0
rilling	
	100% - Pardo
ashing, channel sampling	
1 0	100% - Pardo
rilling	100% - Pardo
rilling and washing outcrops	100% - Pardo
rilling	100% - Pardo
ashing outcrops and channel sampling	100% - Pardo
rilling	100% - Pardo
rilling	100% - Pardo
rilling	100% - Pardo
ashing outcrops and channel sampling	100% - Pardo
ashing outcrops and channel sampling	100% - Pardo
ashing outcrops and channel sampling	100% - Pardo
r	rilling rilling ashing outcrops and channel sampling ashing outcrops and channel sampling

TOTAL DAYS WORKED: 18

hill

Supervisor Signature: DATE: May 25<sup>th</sup>2021

# **INVENTUS**

# **TIME SHEET**

**Employee:** Pascal Prevost-Aubin

Time Worked: 19.25 days @ \$200.00 per day = \$3850.00

DATE	WORK DESCRIPTION	ALLOCATION
June 1st	Drilling + Channel sampling + Washing outcrops	100% Pardo
June 2 <sup>nd</sup>	Drilling + Channel sampling + Washing outcrops	100% Pardo
June 3 <sup>rd</sup>	Drilling + Channel sampling + Washing outcrops  Drilling + Channel sampling + Washing outcrops	100% Pardo
June 4 <sup>th</sup>	0.5 day, Replacing tool handles, building jig for cubic pit samples,	50% Pardo,
June 4 <sup></sup>		
June 7 <sup>th</sup>	Sharpening tools	50% Sudbury 2.0
,	Drilling + channel sampling	100% Pardo
June 8 <sup>th</sup>	Drilling + channel sampling	100% Pardo
June 9 <sup>th</sup>	Drilling + channel sampling	100% Pardo
June 10 <sup>th</sup>	Drilling + channel sampling	100% Pardo
June 11 <sup>th</sup>	0.5 day, Running errands: pickup plug for pump, delivering channel	100% Pardo,
	samples to SGS, grease fitting for excavator, battlefield rentals, dump	
	run,	
June 14 <sup>th</sup>	Drilling	100% Pardo
June 15 <sup>th</sup>	Channel sampling	100% Pardo
June 16 <sup>th</sup>	Mucking samples into bags, Drilling	100% Pardo
June 17 <sup>th</sup>	Mucking samples into bags, Drilling	100% Pardo
June 18 <sup>th</sup>	0.75 day, Assisted with Loading of bulk samples onto truck, drilling	100% Pardo
June 21 <sup>th</sup>	Drilling + Channel sampling + Washing outcrops	100% Pardo
June 22 <sup>th</sup>	Washing outcrops	100% Pardo
June 23st	Channel samples + moving excavator to Sudbury 2.0	50% Pardo,
		50% Sudbury 2.0
June 24 <sup>nd</sup>	0.5 day, Pickup rental truck, pickup repaired pump (Noelville),	50% Pardo,
	retuned tools and pickup drill bits	50% Sudbury 2.0
June 28 <sup>th</sup>	Drilling + Channel sampling + Washing outcrops	100% Pardo
June 29 <sup>th</sup>	Drilling + Channel sampling + Washing outcrops	100% Pardo
June 30 <sup>th</sup>	Drilling + Channel sampling + Washing outcrops  Drilling + Channel sampling + Washing outcrops	100% Pardo
julie 30 <sup>th</sup>	Diming + Chamier sampling + washing outer ops	10070 Fai 00

TOTAL DAYS WORKED: 19.25

Supervisor Signature: Winston Whymark DATE: June 28th 2021



**Employee: Pascal Prevost-Aubin** 

Time Worked: 24 days @ \$200.00 per day = \$4800.00

	WORK DESCRIPTION	
DATE		ALLOCATION
July 1st 2021	Cutting channels, looking for core casings	100% Sudbury 2.0
July 5 <sup>th</sup> 2021	Field Mapping Training, Rathbun	100% Sudbury 2.0
July 6 <sup>th</sup> 2021	Field Mapping training, Rathbun	100% Sudbury 2.0
July 7 <sup>th</sup> 2021	Field Mapping training, Rathbun	100% Sudbury 2.0
July 8 <sup>th</sup> 2021	Field mapping + prospecting	100% Sudbury 2.0
July 9 <sup>th</sup> 2021	Field Mapping + prospecting	100% Sudbury 2.0
July 10 <sup>th</sup> 2021	Picked up 1989 Hole 2 and 3 core, Picked up shaft core at Rathbun,	100% Sudbury 2.0
	cleaning core shack	
July 12th 2021	Field Mapping + prospecting	100% Sudbury 2.0
July 13th 2021	Laying out hoses, setting up pump, searching for missing core, found	100% Sudbury 2.0
	core from 1950's	
July 14th 2021	Mapping + prospecting, found sulfides	100% Sudbury 2.0
July 15 <sup>th</sup> 2021	Office Day, diagnostic computer, sorted samples for lab, cut samples,	100% Sudbury 2.0
	cleanup	
July 16th 2021	Field Mapping and prospecting alone, found pegmatite Nipissing	100% Sudbury 2.0
July 17 <sup>th</sup> 2021	Field mapping and prospecting SW of Rathbun Lake, found dike	100% Sudbury 2.0
July 19th 2021	Investigated Mark's outcrop, field mapping + Prospecting	100% Sudbury 2.0
July 20th 2021	Bagged, tagged and GPS coordinates of channel samples, pickup and	100% Sudbury 2.0
	bring to core shack	
July 21st 2021	Tight grid mapping	100% Sudbury 2.0
July 22nd 2021	Tight grid mapping S and SW of Rathbun Lake	100% Sudbury 2.0
July 23 <sup>rd</sup> 2021	Prospecting cliff edge for possible QD	100% Sudbury 2.0
July 24th 2021	Office day, digitizing maps, core+ casing document, cutting samples	100% Sudbury 2.0
July 26th 2021	Field mapping + prospecting	100% Sudbury 2.0
July 27th 2021	Field mapping + prospecting	100% Sudbury 2.0
July 28th 2021	Field mapping + prospecting	100% Sudbury 2.0
July 29th 2021	Field mapping + prospecting	100% Sudbury 2.0
July 30th 2021	Field mapping + prospecting	100% Sudbury 2.0
July 31st 2021	NOT COUNTER, TBD	

TOTAL DAYS WORKED: 24

DATE: July 26th 2021 Supervisor Signature:

# **INVENTUS**

# **TIME SHEET**

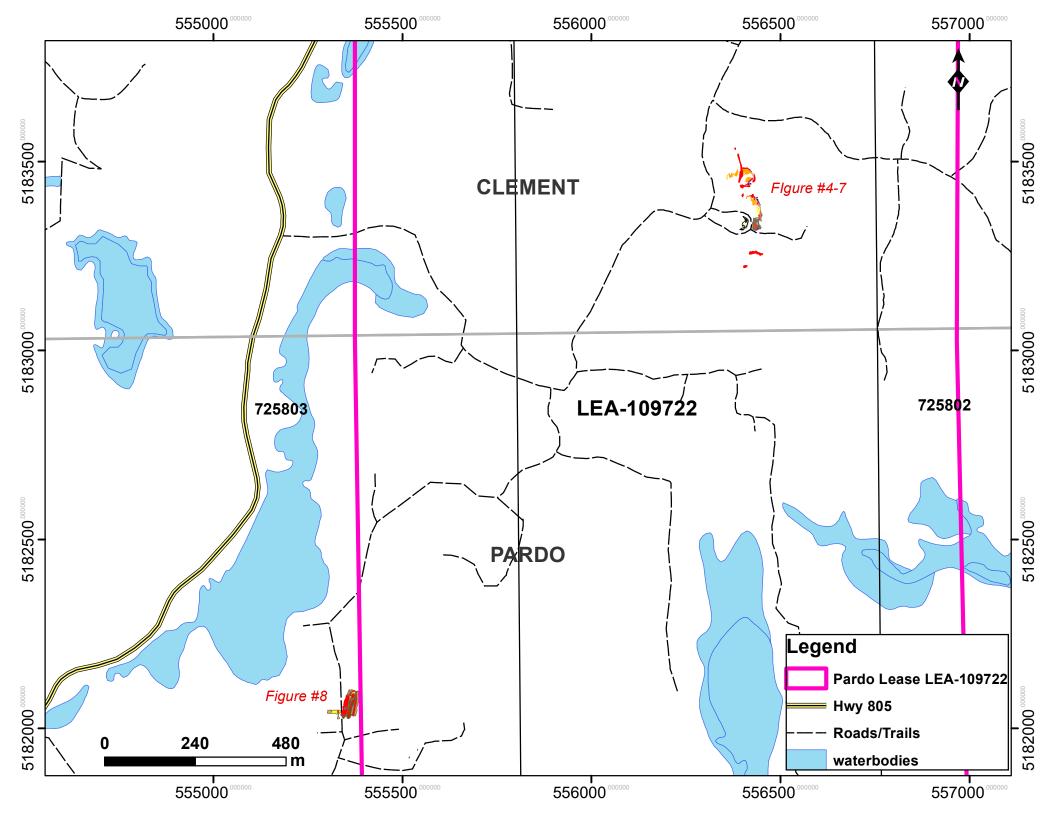
Employee: Pascal Prevost-Aubin	<b>Employee:</b>	Pascal Prevost-Aubin	
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Time Worked: 10 days @ 200\$ per day: 2000\$

	WORK DESCRIPTION	
DATE		ALLOCATION
Sat July 31st	Office day: digitizing maps, cutting samples, upload photos, clean	100% Sud 2.0
Aug 3 <sup>rd</sup>	Mapping N-E of Rathbun Shaft: swamp + contacts between G and fgN	100% Sud 2.0
Aug 4th	Mapping near Matagamasi Lake with Wes and Renan (Boat)	100% Sud 2.0
Aug 5th	Mapping East of Puton Lake	100% Sud 2.0
Aug 9th	Georeferencing channels at Pardo (bowl) + Pardo Mapping	100% Pardo
Aug 11th	Detailed trench mapping at Rathbun + exposed showings	100% Sud 2.0
Aug 12 <sup>th</sup>	Field Mapping at Bassfin, Wanapitei east shore	100% Sud 2.0
Aug 13 <sup>th</sup>	Detailed outcrop mapping at Rathbun showings	100% Sud 2.0
Aug 16th	Field mapping at Basfin, Wanapitei eastern shore	100% Sud 2.0
Aug 17th	Detailed mapping of outcrops at Rathbun, cutting channels,	100% Sud 2.0
	exploration with Winston to find new showings.	

TOTAL DAYS WORKED: 10 days
----------------------------

Supervisor Signature: DATE:





**Employee:** Troy McDonald

Time Worked: 18 days @ \$250.00 per day = 4,500

DATE	WORK DESCRIPTION	ALLOCATION
06/28/2021	Finished cutting channels and started to bag and tag samples.	100% Pardo Project
06/29/2021	Set-up and started washing the first trench.	100% Rathbun
06/30/2021	Continued washing and channel sampling. Set up on the next trench	100% Rathbun
07/01/2021	Started washing trench 2. Finished washing and set up to cut channels.	100% Rathbun
	Could not get the pump started. Tear down and pack up.	
07/06/2021	Started washing down by the lake. Pump issues again.	100% Rathbun
07/07/2021	Dropped Wisnton off on site. Drove to Noelville to drop off the pump	100% Rathbun
	and picked up a new one. Returned to site, set up and washed outcrop	
	by the lake. Pump issues again.	
07/08/2021	Continued washing outcrop. Washing more to go.	100% Rathbun
07/09/2021	Channel sampling, cut 6 channels down by the lake.	100% Rathbun
07/13/2021	Channel sampling, cut 6 channels. Set up and wash a new trench.	100% Rathbun
07/14/2021	Washing and channel sampling.	100% Rathbun
07/15/2021	Drove to Noelville and picked up pump parts. Brought core to the core	100% Rathbun
	yard. Started cleaning the core in the shop.	
07/16/2021	Trench washing and channel sampling.	100% Rathbun
07/19/2021	Set up drills and gear and started drilling on a pit. Drilled off 114'	100% Pardo
07/20/2021	Set up and started drilling. Collared all holes on the pit. Mechanical	100% Pardo
	failure on compressor. Packed up and tested hoses for holes. Returned	
	compressor to battle field.	
07/21/2021	Set up for channel sampling and washing. Cut 6 channels and wash.	100% Rathbun
07/28/2021	Washing rock and channel sampling	100% Rathbun
07/29/2021	Washing rock and channel sampling	100% Rathbun
07/30/2021	Washing rock and channel sampling	100% Rathbun

Supervisor Signature:	DATE:
07/26/2021	



**Employee:** Troy McDonald

Time Worked: 5 days @ \$250.00 per day

DATE	WORK DESCRIPTION	ALLOCATION
21112		71220 01111011
08/03/2021	Washing and cutting	100% Rathbun
08/04/2021	McDowell yard: Co-ordinated shipping of core boxes. Strapped core	100% Rathbun
	boxes.	
08/05/2021	McDowell yard: Co-ordinated shipping of core boxes. Cut brush and	100% Rathbun
	cleaned up scrap.	
08/06/2021	Washing and cutting	100% Pardo
08/09/2021	Washing and cutting	100% Pardo

TOTAL DAYS WORKED:

5 days



**Employee: Winston Whymark** 

Time Worked: 20 days @ \$350.00 = \$7000.00

DATE	WORK DESCRIPTION	ALLOCATION
April 1st-30th 2021	Site Management Cobalt hill, prospecting mapping bassfin, bore hole	75%- Sudbury 2.0
	testing at wolf lake, Sudbury 2.0 assessment reporting, stripping at	25% - Pardo
	Pardo	

**TOTAL DAYS WORKED: 20days** 

Supervisor Signature:

DATE: April 27th, 2021



**Employee: Winston Whymark** 

Time Worked: 20 days @ \$350.00 = \$7000.00

DATE	WORK DESCRIPTION	ALLOCATION
May 1st-31st	Stripping and sampling trench $1\ \&\ 2$ area, drilling blast pit holes at	10%- Sudbury 2.0
	007, site management and site clean-up at wolf lake cobalt hill	90% - Pardo

TOTAL DAYS WORKED: 20days

Supervisor Signature: DATE: May 25<sup>th</sup>, 2021



**Employee: Winston Whymark** 

Time Worked: 20 days @ \$350.00 = \$7000.00

DATE	WORK DESCRIPTION	ALLOCATION
June 1st-30th	Stripping and sampling bowl area and south western reef, drilling	20%- Sudbury 2.0
	blast pit holes at trench 2, blasting and mucking test pits at 007, site	80% - Pardo
	management and site clean-up at wolf lake cobalt hill with MNDM,	
	BM metals crushing observation, Rathbun stripping and washing.	

**TOTAL DAYS WORKED: 20days** 

Supervisor Signature:

DATE: June 25, 2021



**Employee: Winston Whymark** 

Time Worked: 20 days @ \$350.00 = \$7000.00

DATE	WORK DESCRIPTION	ALLOCATION
Oct 1st-31st	Finished up at Rathbun Drill pads and roads, floated excavator to	10%- Sudbury 2.0
	Pardo, site prep at Pardo, drilling of 14 mini pits, blasting of mini pits,	90% - Pardo
	monthly claim management.	

**TOTAL DAYS WORKED: 20days** 

Supervisor Signature:

DATE: Oct 25th, 2021



**Employee: Winston Whymark** 

Time Worked: 20 days @ \$350.00 = \$7000.00

DATE	WORK DESCRIPTION	ALLOCATION
Nov 1st-30th	Finished blasting pits at Pardo, bagged all material and prepared for	
	shipment of bags, organized and managing of bulk sample @ 007	100% - Pardo
	monthly claim management.	

**TOTAL DAYS WORKED: 20days** 

Supervisor Signature:

DATE: Nov 24th, 2021



**Employee: Winston Whymark** 

Time Worked: 20 days @ \$350.00 = \$7000.00

DATE	WORK DESCRIPTION	ALLOCATION
Dec 1st-31st	Finished hauling bulk back out, managed bulk sample at 007,	10%- Sudbury 2.0
	monthly claim management.	90% - Pardo

TOTAL DAYS WORKED: 20days

Supervisor Signature: DATE: Dec 17th, 2021



Costean pit sample bags with truck hauling to BM metals"007 Zone"



Geologist Rena "Eastern reef" costean sample pit



Costean pit "Trench 1 & 2 area"





Costean pit after blasting



Coastean Pit drilled ready for blasting



Drone picture of Trench 1&2 trenching and costean pit samples



Bowl zone Trenching and channel sampling



"Western Reef south" extension trenching



Drone pic of trenching and costean pit samples



Drone picture for figures #4-7 in report