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**Report on the 2021 Diamond Drilling Program,
Gosselin Deposit, South Swayze Property
Chester Township
Porcupine Mining Division
Ontario, Canada**

IAMGOLD Corporation

**Mining Land Tenures:
MLO-10658, MLO-10659, MLO-10660, PAT-11117, PAT-11121, PAT-11126 and
PAT-11127**

**NTS:
DATUM: NAD83 UTM ZONE 17**

Brian Tomczuk, P.Ge

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1.0 Summary

IAMGOLD Corporation conducted diamond drilling between January 29th, 2021 and October 13th, 2021, across four patents and three mining license of occupation claims within the Chester Township of Ontario. A total of 41 drill-holes were completed with a total of 15,883.11 meters of drilling.

The drilling program investigated a portion of the Chester intrusive complex (CIC) within the Swayze Greenstone Belt (SBG), which historically has been prospected for high-grade narrow vein hosted gold and, to a lesser extent, base metals. The SGB is home to several past-producing gold mines such as the historic Jerome Mine.

The program was designed to follow up on previous drilling programs and field work in the Gosselin area that took place during 2015-2017 field seasons. Previous work targeted the historical Gosselin occurrence which hosted narrow vein gold and was one of the original gold discoveries in Chester Township back in the 1930's. IAMGOLD performed the initial rounds of work, particularly diamond drilling, which intersected gold in narrow veins but also gold over significant width indicating a possible large hydrothermal system. The area is referred to as the 'Gosselin Area' for the purposes of this report and is found within IAMGOLD's Chester Property (South Swayze Property).

A total of 16,673 samples including QA/QC (1,421) and drill core duplicates (784) were sent for gold assay at Actlabs in Timmins and Ancaster, Ontario. Sample preparation by crushing and pulverizing was done at both the Timmins and North Bay Actlabs facilities.

Drill-hole location information is presented in the Universal Transverse Mercator coordinate system (UTM) NAD 83, Zone 17. The drilling was completed on four patents, PAT-11117, PAT-11121, PAT-11126, PAT-11127 and three mining licence of occupation claims MLO-10658, MLO-10659 and MLO-10660 on provincial grid cells 41P12D114-115 and 41P12D133-134. Beneficial ownership of the patents and mining license of occupation claims are 64.75% IAMGOLD, 27.75% SMM Gold Côté Inc & 7.5% Treelawn Group

Drill core processing, including rock quality designation (RQD), core logging, core cutting and sampling was performed at IAMGOLD's Côté Gold Exploration core shack on Mesomikenda Lake road by IAMGOLD personnel. Processing work, from RQD through to the final assay results for the drilling campaign, took place between January 29th and December 28th, 2021. All drill core is in storage in IAMGOLD's core farm on the Côté Gold site.

The drill program was successful at further delineating the Gosselin area. The majority of the drill-holes intersected intervals of hydrothermally altered and mineralized tonalite. Intervals of hydrothermal breccia and narrow gold veins were also intersected throughout the programs.

It is recommended that more work be done to further evaluate the potential for gold mineralization at depth and along strike. Further drilling is warranted to refine the geologic model and work towards understanding the controls on mineralization.

2.0 Introduction

2.1 Purpose of the Report

This report has been prepared to meet requirements for the filing of Assessment Work under the provisions of the Ontario Mining Act. The report describes the results of the 2021 diamond drilling program performed by IAMGOLD Corporation in the Gosselin area within Chester Township, located in the central part of the South Swayze Property, Porcupine Mining District, Ontario.

2.2 The Gosselin Area Diamond Drilling Program - Overview

The diamond drilling program was conducted between January 29, 2021 and October 13th, 2021. The drilling campaign occurred on IAMGOLD's Chester 2 and 986813 Ontario Ltd. North properties within IAMGOLD's South Swayze Property claim group. The drilling area is collectively known as the 'Gosselin Area'. The property is located within Chester Township near Gogama, Ontario, and is situated roughly 1.5 km northeast from IAMGOLD's Côte Gold deposit. The drilling took 257 days in total to complete. A total of 41 drill-holes consisting of 15,883.11 meters of diamond drilling were completed within mining land tenures MLO-10658, MLO-10659, MLO-10660, PAT-11117, PAT-11121, PAT-11126 and PAT-11127 on provincial grid cells 41P12D114-115 and 41P12D133-134. The drill-holes have dips ranging from -48.9° to -67° and azimuths ranging from 078° to 355°. The land-based drill core is NQ diameter in size (47.6 mm) and the barge-based drill core diameter is BQTW (BQ Thin-Wall) in size (42.0 mm). The program was completed as a follow-up to previous IAMGOLD drilling in the area that tested the historical narrow vein Gosselin system and resulted in the discovery of a broad hydrothermal system, yielding gold over wide intervals.

Diamond drill supervision was conducted out of the Côte Gold exploration core shack located at 3 Mesomikenda Lake road. Core cutting and sampling was conducted concurrently with logging which was completed shortly after drilling was performed. The author was on site for the majority of the work performed.

2.3 Claims Ownership

Beneficial ownership interest for the four patents and three mining license of occupation claims are IAMGOLD Corp. (64.75%), SMM Gold Côte Inc. (27.75%) and Treelawn Group Inc. (7.5%). A more detailed breakdown of claim ownership is provided in Table 1.

3.0 Property Description, Location and Access, Physiography and Vegetation

3.1 Property Description

The South Swayze property is in the Porcupine Mining Division, 25 km southwest of Gogama, 175 km north of Sudbury and approximately 125 km southwest of Timmins (Figure 1). It extends from Esther Township in the west to Garibaldi Township in the east, with a strike length of approximately 77 km.

The diamond drilling work that is the subject of this report was conducted on the Côté Gold Project area (Figure 2), part of a large property covering a total area of approximately 595 km² in the South Swayze area.

The mineral tenure for the drilling program consists of four patented claims and two mining licence of occupation claims. The patents, leases, and mining licence of occupation claims are as follows: MLO-10658, MLO-10659, MLO-10660, PAT-11117, PAT-11121, PAT-11126, and PAT-11127. All lease and patent boundaries for the property package have been surveyed. The details for these properties are summarized in Table 1 below.

Table 1: Summary of Claims Worked

Tenure Number	Tenure Type	Township	Beneficial Ownership Interest
PAT-11117	Patent	Chester	64.75% IMG/ 27.75% SMM Gold Côté Inc./ 7.5% Treelawn Group Inc.
PAT-11121	Patent	Chester	64.75% IMG/ 27.75% SMM Gold Côté Inc./ 7.5% Treelawn Group Inc.
PAT-11126	Patent	Chester	64.75% IMG/ 27.75% SMM Gold Côté Inc./ 7.5% Treelawn Group Inc.
PAT-11127	Patent	Chester	64.75% IMG/ 27.75% SMM Gold Côté Inc./ 7.5% Treelawn Group Inc.
MLO-10658	MLO	Chester	64.75% IMG/ 27.75% SMM Gold Côté Inc./ 7.5% Treelawn Group Inc.
MLO-10659	MLO	Chester	64.75% IMG/ 27.75% SMM Gold Côté Inc./ 7.5% Treelawn Group Inc.
MLO-10660	MLO	Chester	64.75% IMG/ 27.75% SMM Gold Côté Inc./ 7.5% Treelawn Group Inc.

*MLO – Mining License of Occupation

3.2 Location and Access

The Gosselin area can be accessed by several routes:

1. From the Côté Gold exploration building located at 3 Mesomikenda Lake road, head west through the Côté Gold property via the bridge over the Mesomikenda Lake narrows. From there, follow the main access road for 2.6 km until the fork. Stay right to a secondary access road and follow it for an additional 1.8 km to the drilling area. Note that this road has gated access and security.
2. From the Watershed Restaurant and Gas Station on Highway 144, head north for 4.1 km. Turn left at Chester Mine Road and follow it for 10.3 km until the fork. Turn left at the fork and stay on the road for 1.8 km to the drilling area. This is the access route mainly used for floats dropping off drilling and heavy equipment. This route also has gated access with security, as it circumvents the Chester 1 Mine Site.

- From Highway 144, head west on the Sultan Industrial Road for 3.4 km until the Chester Logging Road intersection. Take the Chester Logging Road north to approximately the 8 km mark and turn right onto the Chester Mine Road. Continue east and follow this road for 4.9 km to the general drilling area. Note that this road has gated access with security.



Figure 1: Property Location Map (Natural Resources Canada, 2002)

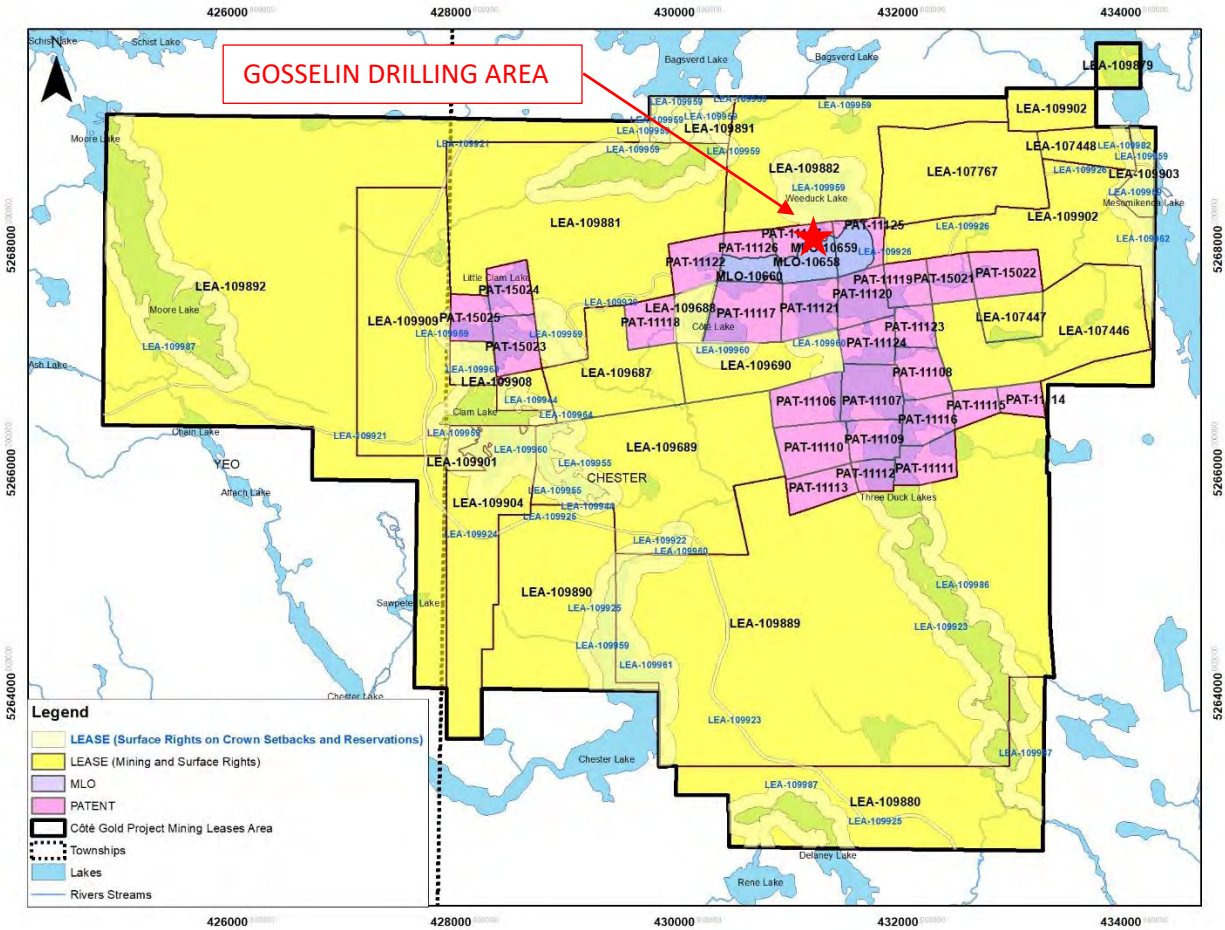


Figure 2: Chester Properties & Area Map (1:40,000 scale)

3.3 Physiography and Vegetation

This part of the South Swayze Property is typical of glaciated terrain of the Canadian Shield and Ontario's northland with limited topographic relief seldom exceeding 50 m above lake levels. Elevations throughout the project area are generally between 380 MASL and 400 MASL. The lower ground is covered by deep glacial till and small lakes, bogs and swamps. The project area is situated on the southern edge of the boreal forest where it transitions from the Great Lakes-St. Lawrence forest. Tree species in the area are dominantly coniferous and consist of white and black spruce, balsam fir, jack pine and trembling aspen with lesser sporadic stands of red pine, eastern white pine, eastern hemlock, yellow birch, white birch and maple. There is little (a few %) outcrop, mostly confined to the higher ground where it is either fully exposed or the bedrock is covered by a thin veneer of glacial till, soil, moss or lichen. Extensive logging has taken place throughout the years over and around the project area.

3.4 Climate

The climate of the South Swayze Property (Gosselin Area) is continental in nature and similar to that of Timmins, Ontario. It is characterized by cold winters and hot summers with recorded temperatures ranging from -45.6°C in the winter to +44.0°C in the summer. The average temperature range for the winter is -10.0°C to -35.0°C; for the summer it is +10.0°C to +35.0°C. Average annual precipitation (snow and rain) is approximately 85 cm and falls evenly throughout the year.

4.0 Geological Setting

4.1 Regional Geology

The South Swayze Property (Gosselin Area) is situated within the Swayze Greenstone Belt (“SGB”) which is the southwestern extension of the Abitibi greenstone belt (Figure 3). It consists of a northwest-to west-trending belt of largely upper greenschist facies metamorphosed Archean volcanic, sedimentary and intrusive rocks. It is bounded to the north by the Nat river granitoid complex, to the south by the Ramsey-Algoma granitoid complex, and to the east by the Kenogamissi granitoid complex. To the west, the SGB is bounded by the east-verging exposure of an oblique crustal cross-section of the Wawa Subprovince known as the Kapuskasing structural zone. It is connected to the southern Abitibi belt by a narrow septa of volcanic-sedimentary rocks associated with an extensive zone of high strain referred to as the Ridout deformation zone (“RDZ”), that wraps around the southern margins of the Kenogamissi granitoid complex (van Breemen et al, 2006). Though contentious, some researchers consider the RDZ to be the extension of the Cadillac Larder Lake deformation zone.

The SGB is host to a wide variety of both intrusive and extrusive rocks which range from ultramafic to felsic in composition, as well as both chemical and clastic sedimentary rock types. Ultramafic rocks of massive peridotite, pyroxenite and dunite intrusions are spatially related to spinifex-textured komatiite flows. Mafic volcanic rocks are widely distributed and include massive, pillow breccia, variolitic and amygdaloidal flows of Fe-tholeiitic, Mg-tholeiitic and calc-alkalic basalts. These mafic units are often cut by synvolcanic gabbro and diorite sills and dykes that range from fine- to coarse-grained. There are several packages of felsic to intermediate volcanic rocks that consist of massive pillowed flows, volcanic breccias, lapilli tuffs and ash tuffs. Felsic rocks consist of feldspar and quartz porphyritic dacite to rhyolite flows and quartz-feldspar porphyry intrusions. There are also clastic sedimentary rocks subdivided into two major groups which include older sequences associated and intercalated with the volcanics, and younger sequences collectively known as the Ridout Group, which overlie older sequences of volcanic and sedimentary rocks. Lastly, the SGB is intruded by four geochronologically distinct dyke swarms that cut the supracrustal rocks (Heather, 2001) and are clearly defined in aeromagnetic surveys overprinting all other magnetic fabrics. These dyke swarms are as follows:

- 1) NW striking 2452 Ma Matachewan swarm
- 2) NNE striking 2167 Ma Biscotasing swarm
- 3) WNW striking 1238 Ma olivine-bearing Sudbury swarm
- 4) NE striking 1140 Ma olivine-bearing Abitibi swarm

The SGB has undergone a complex and protracted structural history of polyphase folding, development of several generations of penetrative foliations and folds, ductile high-strain zones and late brittle faulting (van Breemen et al, 2006). Structurally, the RDZ is of most importance in the area as it straddles the northern boundary of IAMGOLD's land package extending west to Osway township where it is associated with the former Jerome gold mine (historic production \pm 56,800 oz Au; Lavigne et al, 2012). It is a major east-west anastomosing D2 high-strain zone, up to 500m wide, localized within the F2 Ridout syncline which extends for at least 80 km in a roughly E-W trend. The RDZ also has a regional geochemical influence on the surrounding rocks, with characteristic local strong carbonate (calcite and Fe-carbonate), chlorite, and sericite and silica alteration.

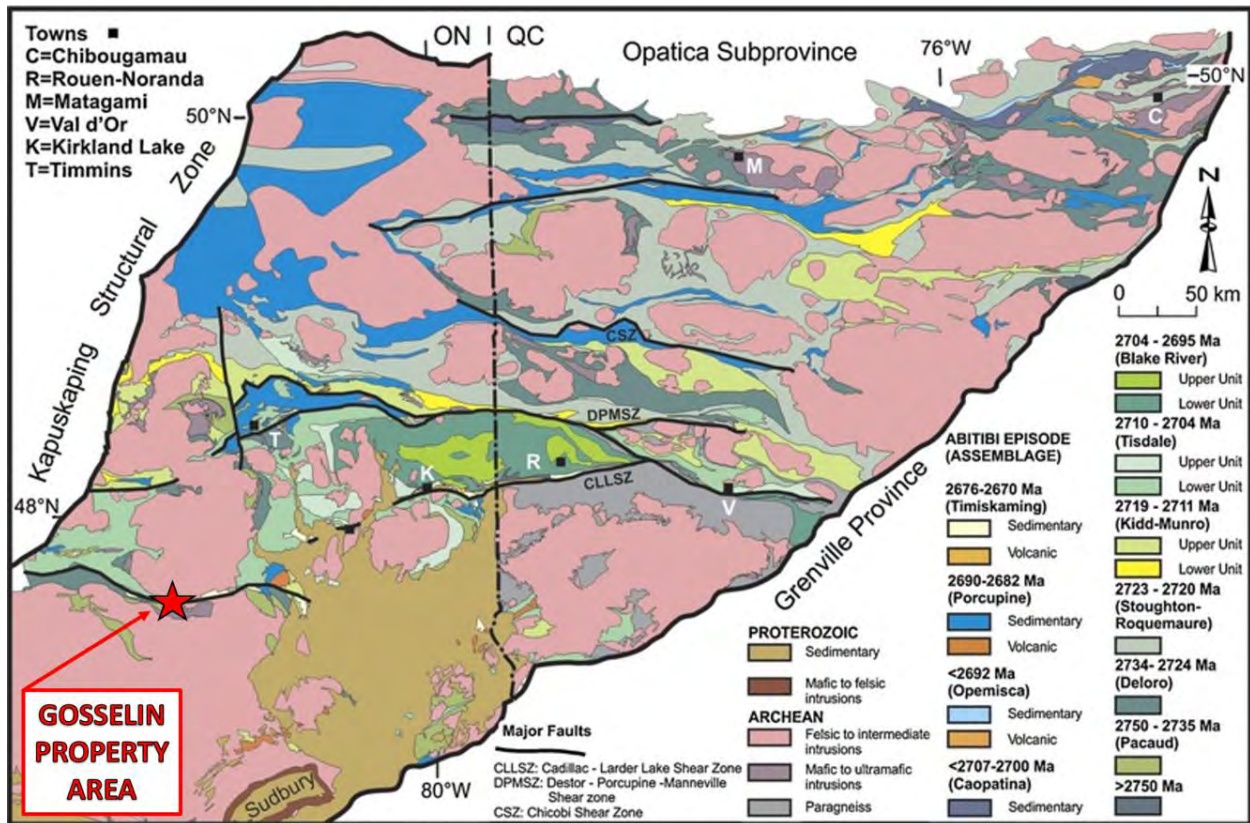


Figure 3: Regional geology map of the Abitibi Subprovince and approximate Gosselin property area. (Thurston et al. 2008)

4.2 Property Geology

The Gosselin property area resides within the Chester Igneous Complex (CIC), which is a multi-phase, subvolcanic intrusive complex located along the southern margin of the Ridout syncline in the southeastern extension of the Swayze Greenstone Belt (Katz, 2016). The CIC consists of a leucocratic tonalite phase and melanocratic diorite phase. Overall, the tonalite varies from a biotite \pm amphibole tonalite to a quartz-rich tonalite. The diorite varies from a diorite to a quartz diorite to a hornblende-plagioclase pegmatite (Heather, 2001; Katz, 2016). Many complex cross-cutting relationships and textures

have been identified between the phases of the CIC. These relationships are interpreted to reflect coeval emplacement and magma co-mingling between the tonalite and diorite (Heather, 1993, 2001; Berger, 2011; Katz, 2016). For a more in-depth description of the CIC please refer to “Geology of the Archean Côté Gold Au (-Cu) Intrusion-Related Deposit, Swayze Greenstone Belt, Ontario” by Katz (2016). Recent mapping by Gemmell and MacDonald (2017) provides the most up-to-date surface Geological Survey coverage of the South Swayze property, and IAMGOLD field mapping provides detail of the local surface geology, alteration and mineralization in the immediate Gosselin area. Three U-Pb zircon geochronology studies have constrained the age of the Chester tonalite to 2740 ± 2 Ma (Heather and van Breemen, 1994) and further to 2741.1 ± 0.9 and 2738.7 ± 0.8 Ma (Katz, 2016; Kontak et al., 2013a).

Rock types intersected during drilling include tonalite (I & II), tonalite breccia (I & II), quartz diorite, quartz diorite breccia, diorite, diorite breccia and hydrothermal breccia. Dike rocks that postdate the emplacement of the CIC include various porphyries (feldspar +/- quartz), lamprophyre, diabase (Matachewan), mafic dikes and fault breccia. Rock types, alteration and mineralization observed in drill core are described in section 4.3.

4.3 Rock Types, Alteration & Mineralization

The following is a summary of rock types intersected during diamond drilling with additional descriptions based on Katz et al. (2017) with the exception of tonalite II and tonalite II breccia.

Tonalite

The tonalite in the Gosselin area is the most common rock type encountered and is host to the bulk of the gold mineralization. It is medium-grained, massive to rarely deformed, typically equigranular and seldom magnetic. There are plagioclase porphyritic varieties within the Gosselin drilling area. The tonalite is dominantly comprised of quartz and plagioclase feldspar. The most common alteration consists of varying intensities and styles of sericite, silica, albite and chlorite-biotite. Sericite alteration may be weak and occur only local to veins, veinlets and fractures, or become pervasive leaving a net-like appearance between the remaining quartz components. Silica and albite are grouped together as it is incredibly difficult to distinguish between them with the naked eye. Similar to sericite, silica-albite alteration can be very weak, only recognized as diffuse halos around veins, veinlets and fractures, or it may intensely and pervasively alter the tonalite, sometimes noted as bleached, due the washed-out appearance of the rock and destruction of primary mineral textures. Chlorite and biotite are often noted as disseminated or spotty aggregates. Less common alteration types of the tonalite include hematite, epidote and carbonate. Mineralization is dominantly pyrite-chalcopyrite in proportions up to several percent, occurring as disseminations, fracture- and/or vein-controlled, with rarer instances of pyrrhotite, molybdenite, sphalerite, arsenopyrite, tellurides, electrum and visible gold. These minerals generally accompany pyrite and chalcopyrite in fractures or veins.

Diorite and Quartz Diorite

Together, diorite and quartz diorite are the second most abundant rock type encountered during drilling in the Gosselin area. The quartz diorite and diorite are typically medium- to coarse-grained,

massive to rarely deformed, equigranular or porphyritic and green to dark green. The quartz diorite can be glomeroporphyritic with clusters of euhedral quartz and plagioclase crystal aggregates often termed 'quartz-eye diorite' in the Chester area. Quartz diorite and diorite range from leucocratic to melanocratic and are composed of amphibole, plagioclase ± quartz with trace titanite, ilmenite and magnetite. The quartz crystals in both rock types can have a bluish tinge resulting from trace titanium content. Common alteration facies of both quartz diorite and diorite mainly include chlorite/biotite with minor silica/albite and sericite and disseminated leucoxene. Both units locally contain up to several percent of disseminated pyrite-chalcopyrite, but more commonly only trace to 1%. They can also host significant veining (quartz-carbonate-chlorite/biotite-pyrite-chalcopyrite ± pyrrhotite ± visible gold). Especially along the Young-Shannon trends, veins reach a few decimeters in apparent thickness, but more commonly mineralization is fracture- and veinlet-controlled. Although not a significant source of bulk tonnage gold, there are zones within the Gosselin area where consecutive intervals of gold exist within the diorite, as well as high-grade vein-hosted gold.

Tonalite Breccia

Tonalite breccia is a magmatic breccia that forms as tonalite intrudes diorite, and typically occurs at intrusive margins. Depending on its spatial distribution relative to the diorite being intruded, the breccia may appear fragment-supported as fragment density increases with decreasing distance to the diorite body. The matrix of the breccia is tonalite as described above and the fragments of diorite are commonly fine- to coarse-grained, dark grey to green, angular to rounded, and range in size from centimeters to decimeters. This breccia can also be intruded by diorite breccia in some instances. The breccia unit generally lacks alteration or is very weakly altered with only localized or semi-pervasive sections. Tonalite breccia is generally poorly mineralized with pyrite proportions < 1%; it is not economically gold bearing.

Diorite Breccia

Diorite breccia occurs in multiple drill holes across the Gosselin area and consists of a diorite matrix with tonalite fragments, but rare fragments of diorite and quartz diorite have also been observed. It is light grey to green and locally magnetic. The breccia may be either matrix- or fragment-supported, with the fragments being mm to m in size and angular to rounded. Various phases and textures of breccia development are noted in the Gosselin area and range from well-developed to a more in-situ or 'crackle' style breccia with intense fracture networks recognized as a short-lived magmatic pulse. Similar to quartz diorite breccia, chlorite/biotite alteration of the matrix is common in varying intensities, and patches of overprinting sericite and silica-albite are common. Depending on the totality and intensity of overprinting alterations, diorite breccia may be misidentified as hydrothermal breccia. Mineralization is commonly localized in higher concentrations in the matrix of the breccia, but can also be hosted in veins, veinlets and fractures, consisting of up to several percent pyrite-chalcopyrite ± pyrrhotite ± molybdenite ± visible gold.

Quartz Diorite Breccia

This unit is not common in the Gosselin area and can be either mono or multilithic, comprised of fragments of diorite ± tonalite ± tonalite II in a quartz diorite matrix. The unit appears very chaotic and

texturally variable with drastic compositional changes (both melanocratic and leucocratic phases), magma-mingling textures and locally contains highly assimilated fragments that may be difficult to distinguish from the matrix. Fragments are fine- to coarse-grained, mm- to dm-scale, angular to rounded and have sharp, undulating, intermingled or diffuse contacts. The matrix of the unit is commonly chlorite-biotite altered and may be overprinted with silica/albite. This unit is non-magnetic and contains trace to 1% fracture- and vein-hosted pyrite-chalcopyrite with rare molybdenite stringers.

Hydrothermal Breccia

The hydrothermal breccia is one of two principal lithologies in the Gosselin area that are host to consistent intervals of gold (the other being altered tonalite). Comparable to diorite breccia, several stages of breccia development are noted, from a well-developed with a large proportion of matrix, to *in situ* 'crackle' style brecciation with an extremely high density of fractures due to hydrofracturing, often containing sulphide mineralization. The breccia is monolithic and consists of altered tonalite fragments, sub-rounded to sub-angular, cm to dm in size in a chlorite/biotite \pm magnetite matrix. Hydrothermal breccia contains up to 95% tightly packed fragments, commonly observed in the *in-situ* breccia style. In other cases, the breccia is matrix-supported. Sericite and silica-albite alteration can also overprint this unit weakly to intensely; in the latter case, the breccia texture is obscured, with only small patches of matrix material and associated sulphides remaining, such that the breccia is difficult to identify. Sulphide mineralization within this unit is often more than several percent and is commonly chalcopyrite dominant (over pyrite). Sulphide mineralization is mainly matrix-hosted, but also occurs in veins, veinlets, fractures, or disseminations. Other minerals include pyrrhotite, molybdenite and visible gold.

Tonalite II

This unit has only recently been recognized in the Chester area and has not been observed in the Côté deposit. It can also be confused with intensely silica/albite and sericite altered tonalite. Observations of lithological and fragment contacts aid in recognizing tonalite II. At the time of this report, tonalite II is not equally distributed throughout the deposit and is spatially restricted around and extending north from the island in Three Duck Lake amidst hydrothermal and diorite breccia bodies. The unit is fine grained to aphanitic, equigranular, massive, light yellowy-brown and consists almost entirely of quartz and sericite. Spotty chlorite and biotite are also noted when pervasive silica and sericite alteration are not as strong. The unit lacks any other significant alteration and is not generally gold bearing apart from some contact zones and various cross-cutting vein types. Sulphide mineralization includes up to a few percent disseminated pyrite with lesser pyrrhotite and chalcopyrite. In the future, IAMGOLD will attempt to further investigate and categorize this unit through petrographic and geochemical studies.

Tonalite II Breccia

Tonalite II breccia is relatively uncommon. This unit may be either mono or multilithic, with rounded to angular fragments in a tonalite II matrix as described above. Fragments may be of tonalite, diorite breccia, and quartz diorite and are generally cm-scale but can range from mm- to dm-scale. The unit is generally matrix supported with matrix proportions of 5-80%, with both sharp and extremely gradational contacts with both fragments and the wall-rock, which can inhibit recognition. Mineralization

is generally very low consisting of up to 1% disseminated pyrite-chalcopyrite and more rarely, vein- and fracture-hosted.

Fault breccia

The fault breccia is rarely intersected but occurred in three narrow (< 5 m) intervals in drill-hole GOS18-12, as well as in three other drill-holes with only one interval each. It is multi-lithic and comprises fragments set in either consolidated or unconsolidated gouge material. Fragments are generally tightly packed, angular, mm to cm in size, and are commonly altered tonalite (strong hematite and chlorite). The fault breccia contains fractured quartz and carbonate veins in a fine- to medium-grained chloritic groundmass, with a weak to moderate carbonate overprint. The unit is non-magnetic, commonly has sharp, discrete contacts, and contains trace pyrite.

Dike Rocks

There were several dikes encountered during the Gosselin drilling including intermediate, mafic, lamprophyre and Matachewan diabase dikes. There was one interval of an intermediate dike in GOS18-12 described as fine grained, light grey-green, non-magnetic, and slightly foliated with sharp contacts. The dike was weakly carbonate, moderate sericite and moderate to strongly chlorite altered with trace pyrite and 3-5% wispy carbonate stringers. Mafic dikes are fine- to medium-grained, massive to foliated, grey to green and generally less than 10 m in apparent thickness. Alteration can consist of chlorite, biotite, carbonate, hematite and the dikes are locally strongly deformed. Lamprophyre dikes are fine-grained, massive to foliated, biotite porphyritic and dark grey to red brown. Alteration types include carbonate, biotite, chlorite and hematite. Lamprophyre dikes range from < 1.0 to 6.44 m in apparent width but are most commonly a few meters thick. Lastly, the Matachewan diabase dikes are fine-grained, dark grey to black, strongly magnetic, massive or porphyritic with epidote altered plagioclase phenocrysts. The diabase dikes range in size from < 1.0 m up to 35.86 m core width but are generally < 10.0 m true width. All of the dikes can contain trace to 1% pyrite, but none of them are economically gold bearing.

4.4 Deposit Types

Within IAMGOLD's South Swayze Property, and specifically within the Chester group of properties, there are 2 distinct styles of gold mineralization:

- 1) Orogenic lode gold type –quartz vein and fracture hosted gold: Chester 1 (Murgold-Chesbar),
- 2) Côté Lake Intrusion Related Au (-Cu) – new gold discovery 'porphyry' style mineralization.
- 3) Shear zone vein-hosted Au at contact of felsic instructive porphyry and Temaskaming Sedimentary rocks: Jerome Mine

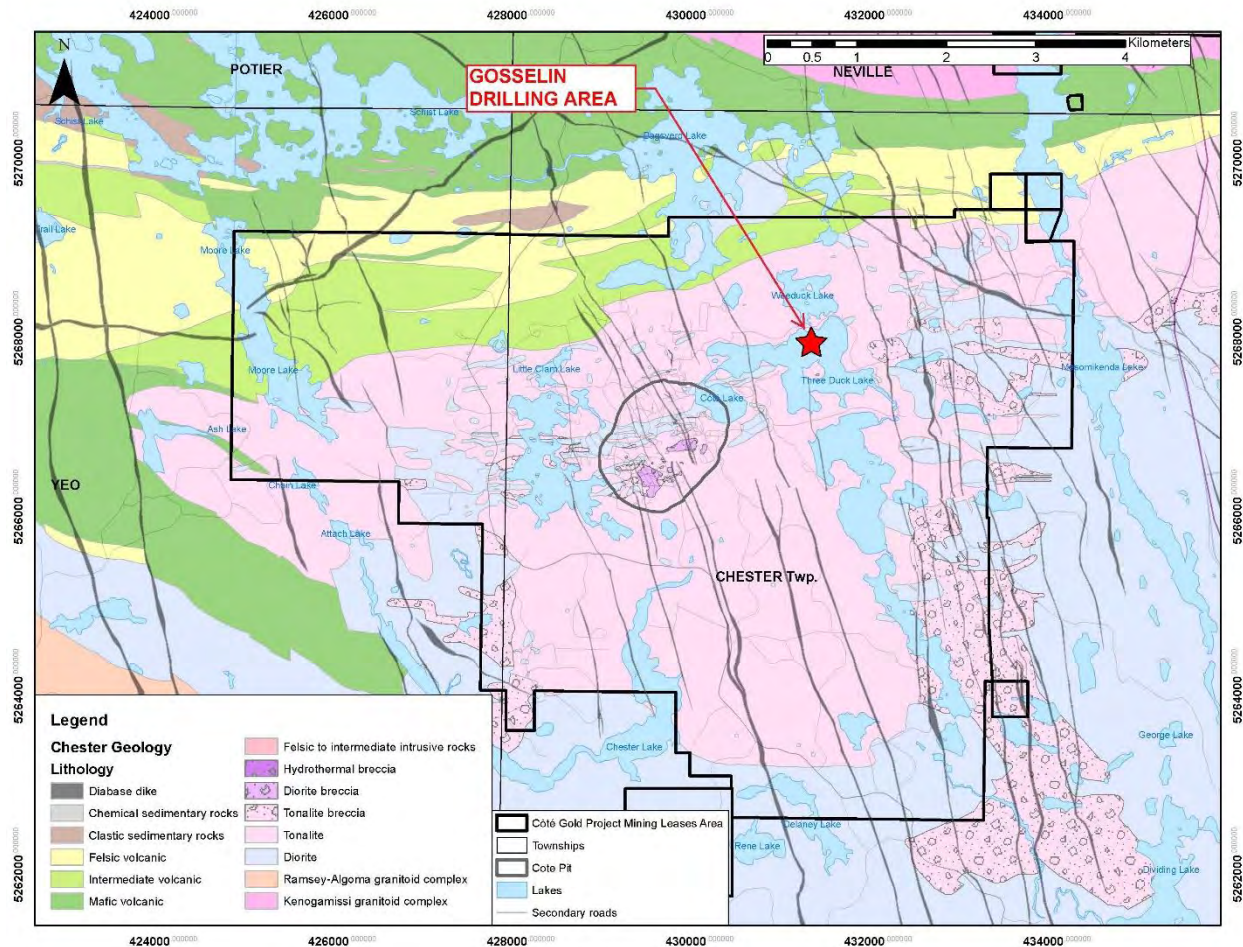


Figure 4: Chester Property area Geology Map

5.0 Previous Historical Exploration Work

5.1 Exploration History

Early prospecting and exploration in the project area was focused mainly in the Chester and Yeo Townships around the small-scale operations of the Murgold, Young-Shannon, Jack Rabbit, Gomak and Clam Lake areas, amongst others. It can be dated back to the turn of the century and continues to the present day. Work in the area was often sparked by exploration efforts in the nearby camps of Porcupine and Elk-Lake-Gowganda-Shining Tree, and significantly increased during war time. The earliest discovery in the area was a copper prospect in 1910 on the eastern shore of Mesomikenda Lake. However, it wasn't until 1930 when Alfred Gosselin found a spectacular native gold showing on the east shore of Three Duck Lake, did the area see a large influx of prospectors and attention (Laird, 1932). It is because of this discovery in 1930 that the area is host to many additional historical occurrences and discoveries scattered throughout the Chester and adjacent townships. It is also this initial discovery, the Gosselin occurrence, on the eastern shore of Three Duck Lake that led IAMGOLD's team back to the area to investigate the

narrow 'high-grade' gold vein system which led to the subsequent discovery of an associated bulk tonnage deposit in the Gosselin area.

5.2 Previous Exploration in Work Area

Tables 3 and 4 below summarize the geological work completed by the OGS and GSC, and historical exploration work in the general project area by past exploration and mining companies, respectively.

Table 3: Historical and recent work of the OGS/GSC

Year	Institution	Description
1971	OGS	MDC013 - Gold Deposits of Ontario Part 1 - Ferguson 1971
1979	OGS	MDC018 - Gold Deposits of Ontario Part 2 - Gordon 1979
1980	OGS	OGS conducted airborne electromagnetic in the Swayze area (OGS Map: 80 552 Swayze Area, Three Duck Lakes Sheet)
1981	OGS	OGS Map: Precambrian Geology of Chester and Yeo Townships and Parts of Neville and Potier Townships, Jerome Area 1: 15 840 (Map P.2449. Geology and occurrence descriptions by G.M. Sirigusa 1980)
1993	OGS	Mineral Showings, Occurrences, Deposits and Mines of the Swayze Greenstone Belt, Interim Report V1 & V2 (Open File Report 5871. S. Fumerton and K. Houle)
1993	OGS	Geology, Geochemistry and Mineralization of the Southern Margin of the Swayze Belt (Open File Report 5844. G.M. Siragusa)
1993	OGS	Map: Parts of Chester, Neville, Portier and Yeo Townships 1:15 840 (Open File Map 214. G. Siragusa)
1995	OGS	Mineral Prospects of the Swayze Greenstone Belt V1 & V2 (Open File Report 5912. S. Fumerton & K. Houle)
1996	OGS	GSC funded and flew a series of surveys in the Southern Swayze Greenstone Belt as a contribution to the Canada-Ontario Economic and Regional Development Agreement (1991-1995) (Open File 3169. Surveys include: magnetic and multi-element gamma-ray spectrometry (K-Th-U))
1999	OGS	Map: Geology – Swayze Greenstone Belt, Gogama Sheet 1:50 000 (Open File 3384g (Legend and Legend Descriptors Open File 3384a 1-2). Mapping, interpretation, and compilation from 1992-1998 by K.B. Heather, G.T. Shore, & O. van Breeman)
1999	OGS	Single Master Gravity and Aeromagnetic Data for Ontario – Geosoft® Format. (Geophysical Data Set 1036)
1999	OGS/GSC	Selected Geoscience Data from the NODA Swayze Greenstone Belt GIS Database Project, Superior Province, Ontario (GSC Open File D3770, OGS Miscellaneous Release- Data 047)
1999	OGS/GSC	Selected posters summarizing research results from the Swayze greenstone belt geoscience NODA project (GSC Open File D3771, OGS Miscellaneous Release - Data 048)
2002	OGS	Geological Compilation of the Swayze Area, Abitibi Greenstone Belt (Miscellaneous Release Data 093. Complete with geology and airborne magnetics)
2002	OGS	Map: Geological Compilation of the Swayze Area, Abitibi Greenstone Belt 1:100 000 (Map P.3511. Geological Compilation, interpretation and mineral deposit data by J.A. Ayer, N.F. Trowell & L. Valade)
2010	OGS	Mineral Prospects of the Swayze Greenstone Belt, Ontario (OGS Miscellaneous Release – Data 260/OFR5911-5913. S. Fumerton, K. Houle, G. Archibald)
2017	OGS	Map: Precambrian geology of the Yeo and Chester townships area, Chester intrusive complex, southern Abitibi greenstone belt 1:20 000 (Preliminary Map P.3817, Gemmell, T.P. and MacDonald, P.J.)

Table 4: Historical Exploration Work

YEAR	AFRI NO.	Company	Work Performed
1899	n/s	Various	Prospecting including discovery of the original spectacular gold discovery of the eastern shore of Three Duck Lake by Alfred Gosselin in 1931
1935 - 1948	41P12SW0085	Buffalo Shepmac Gold Mines Ltd, Buffalo-Ontario Gold Mining Co, Chesgo Mines Ltd	Compilation and Interpretation - Geology
1935 - 1948	41P12SW0085	Buffalo Shepmac Gold Mines Ltd, Buffalo-Ontario Gold Mining Co, Chesgo Mines Ltd	Compilation and Interpretation - Geology
1948	41P12SW0099	Chesgo Mines Ltd	Diamond Drilling
1957	41P12SW0093	Martin-Bird Gold Mines Ltd	Diamond Drilling
1965	41P12SW0118	E Ruscoe, F Hedley, G Mccurdy, M Manderson	Magnetic / Magnetometer Survey
1965	41P12SW0118	E Ruscoe, F Hedley, G Mccurdy, M Manderson	Magnetic / Magnetometer Survey
1965	41P12SW8459	Chester Minerals Ltd, Gogama Gold Mines Ltd, Shannon Minerals Ltd	Geological Survey / Mapping
1965	41P12SW0117	Chester Minerals Ltd, Gogama Gold Mines Ltd, Shannon Minerals Ltd	Electromagnetic, Magnetic / Magnetometer Survey
1965 - 1966	41P12SW0112	Beaverbridge Mines Ltd	Electromagnetic, Geological Survey / Mapping, Magnetic / Magnetometer Survey
1968	41P12SW0115	Three Duck Gold Mines Ltd	Electromagnetic Very Low Frequency
1970	41P12SW0097	Beaverbridge Mines Ltd	Assaying and Analyses, Diamond Drilling
1970	41P12SW0104	Kings Bridge Mines Ltd	Compilation and Interpretation - Ground Geophysics, Induced Polarization, Resistivity
1971	41P12SW0094	Kingbridge Mines Ltd, Three Duck Gold Mines Ltd	Diamond Drilling
1971	41P12SW0110	Bridge Hill Mines Ltd	Compilation and Interpretation - Geology
1971 - 1973	41P12SW0107	Rockzone Mines Ltd	Assaying and Analyses, Geological Survey / Mapping, Induced Polarization
1971 - 1974	41P12SW0114	Ontario Securities Commission, Viewpoint Expl Ltd	Compilation and Interpretation - Geology, Other
1972	41P12SW0108	Viewpoint Expl Ltd	Induced Polarization, Magnetic / Magnetometer Survey
1973	41P12SW0105	Ontario Securities Commission, Park Precious Metals Inc	Compilation and Interpretation - Ground Geophysics, Other
1973	41P12SW0092	Beaverbridge Mines Ltd, Rockzone Mines Ltd	Assaying and Analyses, Diamond Drilling
1977	41P12SW0090	Texasgulf Canada Ltd	Electromagnetic Very Low Frequency, Magnetic / Magnetometer Survey
1978	41P12SW0088	Texasgulf Canada Ltd	Electromagnetic, Electromagnetic Very Low Frequency
1978	41P12SW0089	Cdn Crest Gold Mines Ltd	Airborne Magnetometer
1979	41P12SW0140	Texasgulf Inc	Assaying and Analyses, Diamond Drilling
1980	41O09NW9161	Hargor Resc Inc, R Blusson	Airborne Electromagnetic, Airborne Electromagnetic Very Low Frequency, Airborne Magnetometer
1980	41P12SW0083	Andersen Expl And Assoc, Baxter Minerals Ltd, Cdn Crest Gold Mines Ltd, J P Mccvittie	Airborne Magnetometer, Airborne Radiometric, Assaying and Analyses, Compilation and Interpretation - Diamond Drilling, Prospecting By Licence Holder
1980	41P12SW0080	H Barry, M Watts, Murgold Mines	Airborne Radiometric
1981	41P12SW0004	Murgold Resources Inc	Geological Survey / Mapping, Microscopic Studies
1981	41P12SW0071	Murgold Resources Inc	Electromagnetic Very Low Frequency

1981	41P12SW0071	Murgold Resources Inc	Electromagnetic Very Low Frequency
1982	41P12SW0082	Murgold Resources Inc	Assaying and Analyses, Diamond Drilling
1983	41P12SW0069	Rockwell Mining Corp	Electromagnetic Very Low Frequency, Geological Survey / Mapping
1983 - 1984	41P12SW0002	Murgold Resources Inc	Assaying and Analyses, Diamond Drilling, Electromagnetic Very Low Frequency, Geochemical, Geological Survey / Mapping, Mechanical, Overburden Stripping
1984	41P12SW0999	Chester Minerals Ltd	Assaying and Analyses, Bedrock Trenching, Electromagnetic Very Low Frequency, Geological Survey / Mapping, Induced Polarization, Overburden Stripping
1984	41P12SW0065	Cogama Resc	Geological Survey / Mapping, Induced Polarization
1984 - 1985	41P12SW0061	Murgold Resources Inc	Compilation and Interpretation - Airborne Geophysics, Compilation and Interpretation - Ground Geophysics, Diamond Drilling
1984 - 1985	41P12SW0061	Murgold Resources Inc	Compilation and Interpretation - Airborne Geophysics, Compilation and Interpretation - Ground Geophysics, Diamond Drilling
1985	41P12SW0043	Chester Minerals Ltd	Diamond Drilling
1985	41P12SW0064	Emerald Isle Resc Inc	Electromagnetic Very Low Frequency, Geological Survey / Mapping
1985	41P12SE0507	Blue Falcon Mines Ltd	Airborne Electromagnetic Very Low Frequency, Airborne Magnetometer
1985	41P12SW0050	Gogama Resources Ltd	Diamond Drilling
1985	41P12SW0072	E Blanchard, Gogama Resources Ltd	Diamond Drilling
1986	41P12SW8506	Blue Falcon Mines Ltd	Airborne Electromagnetic Very Low Frequency, Airborne Magnetometer
1986	41P12SW0057	Odyssey Expl Ltd	Assaying and Analyses, Compilation and Interpretation - Ground Geophysics
1987	41P12SW0052	Young-Shannon Gold Mines Ltd	Diamond Drilling
1987	41P12SW0047	Kidd Resources Ltd	Diamond Drilling
1987	41P12SW0059	E Blanchard	Diamond Drilling
1987 - 1988	41P12SW0036	Canorth Resc Inc	Assaying and Analyses, Bedrock Trenching, Diamond Drilling, Electromagnetic Very Low Frequency, Geochemical, Geological Survey / Mapping, Induced Polarization, Magnetic / Magnetometer Survey
1988	41P12SW0031	Isaac Burns Metals Inc	Assaying and Analyses, Bedrock Trenching, Compilation and Interpretation - Ground Geophysics, Mechanical, Overburden Stripping
1988	41P12SW0035	Northquest Ventures Inc, Young-Shannon Gold Mines Ltd	Bedrock Trenching, Diamond Drilling, Other
1988	41P12SW0032	Seaway Base Metals	Airborne Electromagnetic Very Low Frequency, Airborne Magnetometer
1989	41P12SW0029	Murgold Resources Inc	Diamond Drilling
1991	41P12SW0010	Canorth Resc Inc	Assaying and Analyses, Geological Survey / Mapping
1997	41P12SW0040	Nord Pacific Ltd, Young-Shannon Gold Mines Ltd	Assaying and Analyses, Diamond Drilling
1997	41P12SW2001	Nord Pacific Ltd	Assaying and Analyses, Diamond Drilling
1999	41P12SW2003	Young-Shannon Gold Mines Ltd	Assaying and Analyses, Mechanical, Overburden Stripping
2000	41P12SW2005	Young-Shannon Gold Mines Ltd	Mechanical, Overburden Stripping
2001	41P12SW2007	Edward J Blanchard	Assaying and Analyses, Mechanical, Overburden Stripping
2001	41P12SW2006	Emerald Isle Resc Inc	Assaying and Analyses, Mechanical, Overburden Stripping
2002	41P12SW2011	Northville Gold Corp	Diamond Drilling
2002	41P12SW2012	Northville Gold Corp	Diamond Drilling

2002	41P12SW2013	Northville Gold Corp	Diamond Drilling
2002	41P12SW2015	Condor Gold Corp	Diamond Drilling
2002	41P12SW2014	Condor Gold Corp	Diamond Drilling
2004	41P12SW2016	Young-Shannon Gold Mines Ltd	Assaying and Analyses, Diamond Drilling
2005	20000002018	Treelawn Investment Group, Young-Shannon Gold Mines Ltd	Diamond Drilling, Downhole Geophysics, Induced Polarization, Linecutting
2007 - 2008	20000003485	Augen Gold Corp	Assaying and Analyses, Diamond Drilling
2009	20000004318	Trelawney Mining & Exploration Inc	Induced Polarization, Linecutting, Magnetic / Magnetometer Survey
2009 - 2010	20000005559	Augen Gold Corp	Electromagnetic Very Low Frequency, Induced Polarization, Linecutting, Magnetic / Magnetometer Survey
2010	20000006558	Augen Gold Corp	Electromagnetic Very Low Frequency, Induced Polarization, Linecutting, Magnetic / Magnetometer Survey
2010	20000007362	Trelawney Augen Acquisition Corp	Assaying and Analyses, Geochemical
2010 - 2011	20000007118	Trelawney Mining And Exploration Inc	Airborne Electromagnetic, Airborne Electromagnetic Very Low Frequency, Database Data
2010 - 2012	20000014959	Trelawney Augen Acquisition Corp	Assaying and Analyses, Diamond Drilling
2011	20000007496	Jvx Ltd	Downhole Geophysics
2011 - 2012	20000007508	Iamgold Corp, Trelawney Augen Acquisition Corp	Assaying and Analyses, Geochemical
2011 - 2012	20000007855	Trelawney Mining And Exploration Inc	Diamond Drilling
2011 - 2013	20000009012	Trelawney Augen Acquisition Corp	Assaying and Analyses, Diamond Drilling
2012	20000008395	Trelawney Mining And Exploration Inc	Induced Polarization, Line cutting, Magnetic / Magnetometer Survey
2012	20000008648	986813 Ontario Limited	Assaying and Analyses, Geological Survey / Mapping, Prospecting By Licence Holder
2012 - 2015	20000009116	Trelawney Mining And Exploration Inc	Assaying and Analyses, Diamond Drilling
2013 - 2015	20000014665	Trelawney Mining & Exploration Inc	Assaying and Analyses, Diamond Drilling
2014 - 2016	20000014649	Trelawney Mining and Exploration Inc	Assaying and Analyses, Diamond Drilling
2015 - 2016	20000014648	Iamgold Corp, Trelawney Mining And Exploration Inc	Assaying and Analyses, Diamond Drilling
2017	20000017018	Iamgold Corporation	Assaying and Analyses, Diamond Drilling
2017	20000017027	Iamgold Corporation	Assaying and Analyses, Channel Sampling, Diamond Drilling, Mechanical
2017 - 2018	20000016977	Iamgold Corporation	Assaying and Analyses, Diamond Drilling
2018-2019	20000019364	Iamgold Corporation	Assaying and Analyses, Diamond Drilling
2018-2019	20000018661	Iamgold Corporation	Assaying and Analyses, Diamond Drilling, Geological Survey / Mapping, Rock Sampling
2019-2020	20000018612	Iamgold Corporation	Assaying and Analyses, Channel Sampling, Drill Core Re-logging, Geological Survey / Mapping, Overburden Stripping, Prospecting, Rock Sampling
2019-2020	20000020055	Iamgold Corporation	Assaying and Analyses, Diamond Drilling

6.0 Recent Exploration Work

More recently, between 2010 and 2012, Trelawney Mining & Exploration conducted systematic mapping and sampling of the area which culminated in the verification of historical occurrences as well as additional mechanized stripping and channel sampling. Following Trelawney Mining & Exploration's buyout by IAMGOLD in 2012, intermittent infill geological mapping and sampling was conducted in the general area from 2013-2019. In 2015, the original Gosselin discovery showing, and associated pit (7 x 5 x 4.5 m deep) was re-stripped and slightly extended, exposing the zone which was subsequently channel sampled. Between 2016 and 2017, IAMGOLD drilled five holes totaling 2,711 m of drilling directly targeting the narrow vein system recently re-exposed. It was part of this drilling in 2017 that discovered wide intervals of gold mineralization which could be indicative of a bulk tonnage system. In 2019, additional infill mapping, extensive manual stripping and channel sampling was completed by IAMGOLD in the Gosselin – Young Shannon area. Between 2018 and 2020 a total of 58 diamond drill holes were completed by IAMGOLD which targeted the Gosselin Zone.

7.0 The Gosselin Drilling program: 2021

7.1 Diamond Drilling Program

Drilling took place on the Gosselin zone between January 29th, 2021 and October 13th, 2021. A total of 15,883.11 metres of core were drilled over the duration of the program: 5 were drilled over Three Duck Lake on a constructed flood ice pad, 13 were drilled via a barge on Three Duck Lake, and 23 were drilled on land. Dan Patrie Exploration constructed the ice pads, supervised by IAMGOLD. Flood ice was created by Dan Patrie Exploration commencing December 30th, 2020 and ending March 25th, 2021. Dan Patrie Exploration personnel also maintained and plowed the ice pad and ramps throughout the duration of the program.

Given that the drill-holes are within the Côté Gold Deposit Mine Lease Area, all drill-holes positioned on land were subject to an ecological inspection (avian nest sweep) in the area of planned drilling, performed by DST Consulting Engineers biologists. For holes drilled via barge, the temperature and turbidity of the lake water was monitored closely using equipment rented from DST Consulting Engineers to respect fish spawning timelines.

Drilling was completed across three mining licence of occupation claims: MLO-10658 (38.40%), MLO-10659 (7.38%) and MLO-10660 (10.52%) and four patents: PAT-11117 (25.66%), PAT-11121 (1.06%), PAT-11126 (3.63%) and PAT-11127 (13.35%). Percentages in brackets for each mining unit constitutes how much drilling took place across that specific tenure within this report. Figure 5 shows the position of each drill-hole with respect to each mining tenure land unit.

7.2 Technical Aspects of the Diamond Drilling Programs

Chenier Drilling from Val Caron, Ontario was the diamond drilling contractor used over the duration of the program. Chenier drilling utilized a hydraulic drill (Hydracore 2000) with NQ size utilized on land and ice-based drill holes, and BQTW sized drill core on barge based drill-holes.

The drills were initially aligned by an IAMGOLD geologist using front and back sites with a SUUNTO compass and then further refined with a Reflex North Finder APS when the drill was on the pad. Core was oriented every three metres during drilling using a Reflex Act III RD orientation instrument and was subsequently aligned by IAMGOLD geotechnicians once it was delivered to IAMGOLD's core shack. The downhole orientation and deviation of each drill-hole was monitored using a Reflex EZ-Trac unit taking single-shot measurements while the holes were in progress, and multi-shot upon completion, every three metres. On average, collar tests were taken 12 m from the toe of the drill casing to reduce any magnetic interference and then every 50 metres after the initial collar test until the end of the hole. Core recovery was overall good. Upon completion of the lake ice drill holes, casings were pulled and cemented for 50-75 metres as per Ontario mining regulations.

The drillholes were collared on land, ice as well as barge mounted on three Ducks Lake conducting both infill and definition drilling.

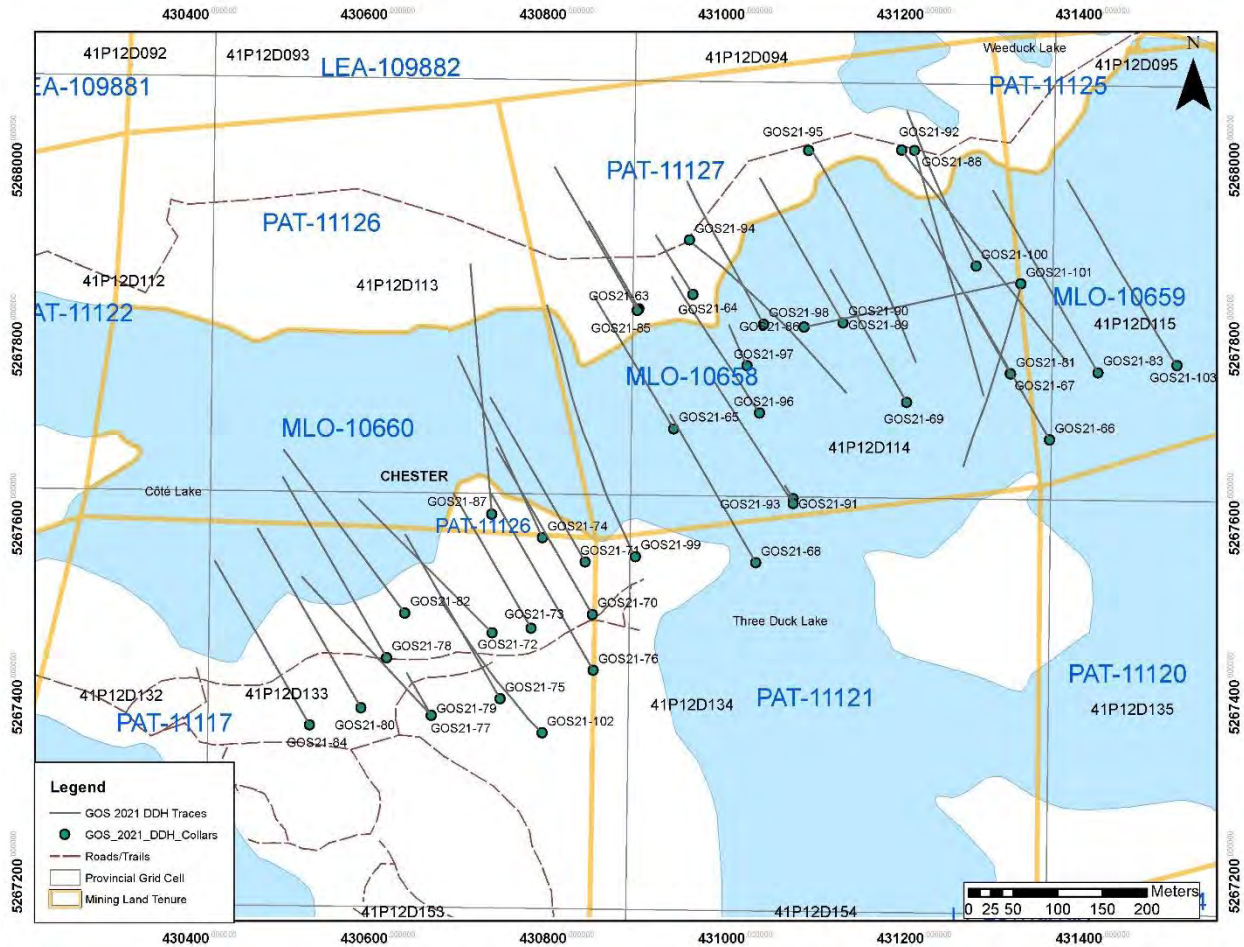


Figure 5: 2021 drill collar location plan map with mining tenure boundaries (1:5000 scale)

7.3 Location of drill holes

Drill-hole collars were initially positioned using a handheld Garmin 64s GPS with ± 3 m accuracy. Tulloch Geomatics was contracted to complete a final drill casing survey using a Trimble R10 GPS receiver in Real Time Kinematic mode. The accuracy of the unit is within ± 0.03 m both vertically and horizontally. Since all of the ice based and barge-based holes had their casings pulled in accordance with local mining regulations, the collar location initially positioned using a handheld Garmin GPS was further corrected for its final position using Tulloch Geomatics prior to drilling. All final surveyed coordinates have been used for the vertical sections, drill log headers and any plan maps for this report.

The land-based collar casings remain in good condition, monumented with cribbing and flagged for easy future locating. Land-based drill collars have been retained for possible deepening in the future. Exceptions to this are in areas where Côté Mine construction warrants proper DDH decommissioning.

7.4 Drill hole Information

A summary of drill-hole information is provided in Table 6 below with UTM coordinates in NAD 83, Zone 17. Note that the drill holes were sampled from top to bottom with the exception of several intervals of diabase and mafic dikes which are known to be barren. All samples collected were assayed.

Hole ID	Collar Position	UTM Easting	UTM Northing	Elev. (m)	Claim (Collar)	Provincial Cell Grid	Start Date	End Date	Collar Dip	Collar Az	Depth	Core Size	No. of Samples/ Assay
GOS21-63	Land	430892.27	5267829.69	381.5	PAT-11127	41P12D114	29-Jan-21	06-Feb-21	-64.0	330.0	258	NQ	291
GOS21-64	Land	430952.46	5267845.47	382.3	PAT-11127	41P12D114	07-Feb-21	11-Feb-21	-67.0	328.0	199.5	NQ	222
GOS21-65	Ice	430931.09	5267695.41	380.7	MLO-10658	41P12D114	11-Feb-21	24-Feb-21	-66.0	329.0	426	NQ	475
GOS21-66	Ice	431351.84	5267682.99	380.7	MLO-10659	41P12D114	24-Feb-21	06-Mar-21	-65.0	330.0	439.5	NQ	490
GOS21-67	Ice	431307.98	5267757.05	380.7	MLO-10658	41P12D114	06-Mar-21	11-Mar-21	-65.0	330.0	162	NQ	158
GOS21-68	Ice	431022.93	5267545.80	380.7	PAT-11121	41P12D134	12-Mar-21	25-Mar-21	-65.0	330.0	453	NQ	50
GOS21-69	Ice	431192.02	5267725.07	380.7	MLO-10658	41P12D114	12-Mar-21	22-Mar-21	-60.0	330.0	343.5	NQ	381
GOS21-70	Land	430840.00	5267488.02	382.8	PAT-11117	41P12D133	23-Mar-21	31-Mar-21	-60.0	330.0	430.5	NQ	503
GOS21-71	Land	430831.87	5267546.73	381.8	PAT-11117	41P12D133	25-Mar-21	04-Apr-21	-60.0	330.0	424.5	NQ	464
GOS21-72	Land	430727.81	5267467.59	386.9	PAT-11117	41P12D133	01-Apr-21	12-Apr-21	-60.0	315.0	423	NQ	315
GOS21-73	Land	430771.59	5267472.62	388.8	PAT-11117	41P12D133	04-Apr-21	12-Apr-21	-60.0	330.0	349.5	NQ	202
GOS21-74	Land	430784.18	5267573.90	384.9	PAT-11117	41P12D133	12-Apr-21	22-Apr-21	-60.0	335.0	448.5	NQ	518
GOS21-75	Land	430736.81	5267393.88	396.4	PAT-11117	41P12D133	13-Apr-21	28-Apr-21	-60.0	330.0	424.5	NQ	453
GOS21-76	Land	430840.70	5267425.72	385.7	PAT-11117	41P12D133	22-Apr-21	29-Apr-21	-60.0	330.0	455	NQ	522
GOS21-77	Land	430659.74	5267375.23	398.0	PAT-11117	41P12D133	29-Apr-21	02-May-21	-60.0	330.0	109.5	NQ	6
GOS21-78	Land	430609.84	5267439.86	390.4	PAT-11117	41P12D133	29-Apr-21	10-May-21	-60.0	330.0	466.5	NQ	513
GOS21-79	Land	430659.74	5267375.23	398.0	PAT-11117	41P12D133	02-May-21	14-May-21	-60.0	317.0	424.5	NQ	476
GOS21-80	Land	430581.03	5267383.96	396.4	PAT-11117	41P12D133	10-May-21	23-May-21	-60.0	330.0	462	NQ	519
GOS21-81	Barge	431308.22	5267756.65	381.1	MLO-10658	41P12D114	14-May-21	28-May-21	-65.0	330.0	474	BQTW	519
GOS21-82	Land	430630.24	5267489.86	384.7	PAT-11117	41P12D133	14-May-21	31-May-21	-59.0	323.3	441	NQ	438
GOS21-83	Barge	431405.93	5267758.14	381.1	MLO-10659	41P12D115	29-May-21	11-Jun-21	-60.0	330.0	471	BQTW	482
GOS21-84	Land	430523.49	5267364.61	391.6	PAT-11117	41P12D133	31-May-21	13-Jun-21	-60.0	330.0	424.87	NQ	454
GOS21-85	Land	430890.43	5267828.06	381.7	PAT-11127	41P12D114	09-Jun-21	20-Jun-21	-65.0	330.0	438	NQ	491
GOS21-86	Barge	431076.94	5267809.46	381.0	MLO-10658	41P12D114	12-Jun-21	26-Jun-21	-60.0	78.0	482	BQ	530
GOS21-87	Land	430727.63	5267600.16	385.5	PAT-11126	41P12D133	13-Jun-21	17-Jul-21	-50.0	355.0	436.5	NQ	493
GOS21-88	Land	431200.83	5268006.62	385.7	PAT-11127	41P12D114	21-Jun-21	08-Jul-21	-48.9	164.3	432	NQ	496
GOS21-89	Barge	431120.79	5267814.12	381.0	MLO-10658	41P12D114	26-Jun-21	27-Jun-21	-65.0	330.0	36	BQTW	17
GOS21-90	Barge	431120.79	5267814.12	381.0	MLO-10658	41P12D114	27-Jun-21	07-Jul-21	-65.0	330.0	441	BQTW	461
GOS21-91	Barge	431064.68	5267617.67	382.3	MLO-10658	41P12D134	08-Jul-21	09-Jul-21	-65.0	327.0	40.5	BQTW	40
GOS21-92	Land	431186.14	5268006.90	385.1	PAT-11127	41P12D114	09-Jul-21	29-Jul-21	-55.0	142.0	528.13	NQ	616
GOS21-93	Barge	431064.68	5267612.00	382.3	MLO-10658	41P12D134	10-Jul-21	23-Jul-21	-65.0	327.0	390	BQTW	447
GOS21-94	Land	430948.66	5267906.53	383.49	PAT-11127	41P12D114	22-Jul-21	07-Aug-21	-63	120	487	NQ	536
GOS21-95	Land	431082.38	5268006.6	385.15	PAT-11127	41P12D114	29-Jul-21	20-Aug-21	-50	148	424.61	NQ	480
GOS21-96	Barge	431027.37	5267713.02	380.99	MLO-10658	41P12D114	01-Aug-21	12-Aug-21	-65	330	435	BQ	479
GOS21-97	Barge	431013.13	5267765.93	380.97	MLO-10658	41P12D114	13-Aug-21	16-Aug-21	-65	330	121.5	BQTW	93
GOS21-98	Barge	431031.96	5267812.36	380.98	MLO-10658	41P12D114	17-Aug-21	28-Aug-21	-65	330	417	BQTW	474
GOS21-99	Land	430888.13	5267552.81	381.78	PAT-11121	41P12D134	21-Aug-21	12-Sep-21	-53	333	438	NQ	489
GOS21-100	Barge	431269.63	5267877.35	382.26	MLO-10658	41P12D114	28-Aug-21	06-Sep-21	-65	330	421.5	BQTW	456
GOS21-101	Barge	431319.83	5267857.37	381.11	MLO-10659	41P12D114	06-Sep-21	24-Sep-21	-60	198	423	BQTW	470
GOS21-102	Land	430783.63	5267355.74	394.92	PAT-11117	41P12D133	22-Sep-21	13-Oct-21	-60	330	426	NQ	414
GOS21-103	Barge	431494.6	5267766.1	381.11	MLO-10659	41P12D115	27-Sep-21	09-Oct-21	-60	330	555	BQTW	586

Table 6: Summary of Drill-hole Information

7.5 Drill Core Processing and Procedures:

The drilling contractor (NPLH or Chenier) delivered the drill core to the IAMGOLD Côté Gold core shack twice daily (after each shift) in secured wooden core boxes. The core boxes were then opened and laid out in sequence by IAMGOLD geologists and geotechnicians. A geologist would then perform a brief summary log of the drill core.

The drill core was aligned by geotechnicians using the orientation lines located at the end of every three-meter run, and a single line denoting the orientation (bottom of hole) was drawn. A geotechnician then took geotechnical measurements of the drill core to record core recovery, RQD (Rock Quality Designation) and place meter markings on the drill core.

A geologist from IAMGOLD was then tasked with performing geological core logging of each drill-hole. The drill-holes were logged using an Access Database core logger software. The core logging geologist would use the software to record the different lithological units down-hole as well as observations on mineralization, alteration and veining. The geologist was also responsible for selecting and marking intervals for drill core sampling. Note that the entire drill hole was sampled from top to bottom with the exception of several barren dike units. Once logging was completed, the geologist took pictures of the core using a Canon T3i SLR camera.

Following core logging, the drill core was transported to the core cutting room. The technicians cut the drill core in half for the entirety of the drill-hole and place it back on the racks for sampling. The samplers placed half of the cut core in a pre-labeled sample bag along with the respective half of the sample tag, and the bag was stapled shut. The other half of the drill-core was left in place in the core box and the remaining half of the sample tag was stapled to the core box at the start of the sample. The samplers would also insert Certified Reference Material (CRMs) and blanks in labeled sample bags when indicated to do so (section 8.1). Field duplicates were taken every 20 samples, meaning the second half of core was sampled and sent for assay to compare gold variability. The samples were placed in labeled rice bags with plastic security tags which were then transported to Actlabs in Timmins or North Bay. The transportation of the core was completed by both IAMGOLD personnel as well as a courier called Quality Contracting. Core processing and final sample delivery for the drill program was completed on November 17th, 2021.

7.6 Personnel

The drill program was carried out by IAMGOLD Corp. personnel. Alan Smith (Sudbury, ON), Brad McKinley (Sudbury, ON), Brian Tomczuk (St.Catharines, ON), Laurent Gauchat (Montreal, QC), and Caitlin Beland (Sudbury, ON) supervised the drill program from planning to demobilization. Core logging was conducted by IAMGOLD geologists and geologists-in-training Justin Bisailon (Val Caron, ON), Caitlin Beland (Sudbury, ON), Brian Tomczuk (St.Catharines, ON), Erik Bobechko (Keswick, ON), and Laurent Gauchat (Montreal, QC). Core teching was conducted by Jessica Rinta (Sudbury, ON), Dylan Depatie (Sudbury, ON) and Madelin Lawson (Greenstone, ON) as well as the logging geologists. Core cutting was conducted by Cody Constant (Gogama, ON) and core sampling was performed by Doreen Luke (Mattagami First Nation).

This work was conducted at the Côté Gold Exploration camp on Mesomikenda Lake road and all split drill core from these programs are stored in IAMGOLD core farms on the property.

8.0 Analytical Methods & QA/QC

8.1 Summary

This section provides assay and QA/QC information for the Gosselin drill campaign that took place between January 29th 2021, and October 13th, 2021. The drilling program totaled 16,673 samples including 754 blanks, 667 certified reference materials and 784 duplicates. All of these samples were sent to Actlabs in Timmins, Ontario, for processing in over 140 different batches. This does not include 511 samples sent for pulp re-assay or 843 split assays. The re-runs were requested by IAMGOLD based on QAQC measures and the pulp material was already at Actlabs. The splits were sent to AGAT Laboratories Ltd. (Mississauga, Ontario) directly from Actlabs testing for lab bias.

While geological logging took place, a quality control sample was inserted every 12th sample. This consisted of alternating a certified blank material and then a certified reference material in sample batches of 100. Additionally, when visible gold was noted by the geologist, a certified blank material (coarse silica) was inserted immediately following the sample containing visible gold. Coarse silica blanks were inserted directly following a high-grade core sample to check for contamination during the crushing stage of preparation. Duplicates were also taken every 20 samples to study variability in the gold distribution. Each duplicate consisted of the second half of the split core and a metal tag was placed in core box to denote it as such.

All samples were sent for fire assay with over-limit instructions to Actlabs in Timmins or Ancaster, Ontario. Sample preparation by crushing and pulverizing was done at both the Timmins and the North Bay Actlabs facilities. Actlabs is an accredited testing laboratory and one of the first mineral labs in the world to achieve ISO 17025 accreditation with CAN-P-1579 (Mineral Lab) and CAN-P-1578 (forensic lab). In addition to ISO 17025 accreditation, Actlabs is accredited/certified to ISO 9001:2015, Health Canada Licensed, FDA registered and inspected, OMAFRA accredited, and GMP/GLP compliant. Table 7 summarizes sample shipment details.

8.2 Sample Preparation

Samples were sent to Actlabs in Timmins and North Bay, Ontario, by IAMGOLD in rice bags affixed with plastic security tags. Once received, preparation (Actlabs – RX1) consisted of coarse crushing of the entire sample up to 80% passing 2.0 mm screen, mechanical riffle split to obtain a representative sub-sample (250 g) and then pulverizing to 95% passing 105 µm. All steel mills used are mild steel and do not introduce Cr or Ni contamination. Quality of crushing and pulverization is routinely checked by Actlabs as part of their quality assurance program.

8.3 Gold Analysis

Actlabs fire assay procedure as requested by IAMGOLD on each chain of custody form are detailed below (Actlabs website). For gold fire assay, IAMGOLD requests over-limits of between 3-5 g/t Au for 1A3-50 and results exceeding 5 g/t Au for 1A4-500. Assay certificates can be found in Appendix B:

1A2 – (1A2-50) Au Fire Assay – AA

Fire Assay Fusion

A sample size of 30 g for rock pulps is used. The sample is mixed with fire assay fluxes (borax, soda ash, silica, litharge) and with silver added as a collector and the mixture is placed in a fire clay crucible. The mixture is then preheated at 850°C, intermediate 950°C and finish 1060°C with the entire fusion process lasting 60 minutes. The crucibles are then removed from the assay furnace and the molten slag (lighter material) is carefully poured from the crucible into a mould, leaving a lead button at the base of the mould. The lead button is then placed in a preheated cupel which absorbs the lead when cupelled at 950°C to recover the silver (doré bead) + gold.

AA Finish

The entire Ag doré bead is dissolved in aqua regia and the gold content is determined by AA (Atomic Absorption). Atomic absorption is an instrumental method of determining element concentration by introducing an element in its atomic form, to a light beam of appropriate wavelength causing the atom to absorb light. The reduction in the intensity of the light beam directly correlates with the concentration of the elemental atomic species. On each tray of 42 samples, there are two blanks, three sample duplicates and two certified reference materials; one high and one low (QC 7 out of 42 samples). Actlabs generally re-runs all gold by fire assay gravimetric over 5,000 ppb to ensure accurate values.

1A3 (1A3-50) – Au Fire Assay – Gravimetric

Fire Assay

A sample size of 30 g for rock pulps is used. The sample is mixed with fire assay fluxes (borax, soda ash, silica, litharge) and with silver added as a collector and the mixture is placed in a fire clay crucible. The mixture is then preheated at 850°C, intermediate 950°C and finish 1060°C with the entire fusion process lasting 60 minutes. The crucibles are then removed from the assay furnace and the molten slag (lighter material) is carefully poured from the crucible into a mould, leaving a lead button at the base of the mould. The lead button is then placed in a preheated cupel which absorbs the lead when cupelled at 950°C to recover the silver (doré bead) + gold.

Gold is separated from the silver in the doré bead by parting with nitric acid. The resulting gold flake is annealed using a torch. The gold flake remaining is weighed gravimetrically on a microbalance.

AREA	SERIES (Colors Correspond to Master Import)	ASSAY MATERIAL TYPE	TOTAL ALL SAMPLES	ASSAY PACKAGE	LAB USED	DATE SENT TO LAB	LAB REF NUMBER
1) GOS21-63 (Batch 1)	254001-254220	Drill Core	220	1A2-FA, 1A3-50, 1A4-500 and 8 – 4-Acid ICP-OES	Actlabs - Timmins	2021-02-12	A21-02425
2) GOS21-63 (Batch 2)	254221-254291	Drill Core	71	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-02-19	A21-02741
3) GOS21-64 (Full)	262001-262222	Drill Core	222	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-02-19	A21-02748
4) GOS21-65 (Full)	1078551-1079000; 432001-432025	Drill Core	475	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-03-04	A21-03616
5) GOS21-66 (Batch 1)	432026-432120	Drill Core	95	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-03-04	A21-03618
6) GOS21-66 (Batch 2)	432121-515	Drill Core	395	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-03-18	A21-04574
7) GOS21-67 (Full)	438001-438158	Drill Core	158	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-03-26	A21-05056
8) GOS21-68 (Batch 1)	438159-438400	Drill Core	242	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-03-26	A21-05065
9) GOS21-68 (Batch 2)	438401-438500; 431001-431158	Drill Core	258	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-04-05	A21-05556
9) GOS21-69 (Batch1)	432516-432670	Drill Core	155	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-04-05	A21-05556
10) GOS21-69 (Batch 2)	432671-432896	Drill Core	226	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-04-09	A21-06183
11) GOS21-70 (Batch 1)	432901-432940	Drill Core	40	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-04-09	A21-06182
12) GOS21-70 (Batch 2)	432941-433000; 254301-254500; 436501-436703	Drill Core	463	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-04-17	A21-06632
13) GOS21-71 (Full)	435001-464	Drill Core	464	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-04-23	A21-07061
14) GOS21-72 (Full)	436704-437018	Drill Core	315	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-04-29	A21-07505
15) GOS21-74 (Batch 1)	437019-437150	Drill Core	132	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-04-29	A21-08156
16) GOS21-69 Re-run	432569-432583, 258674, 432585-432599	Pulps	31	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-05-07	A21-08137
17) GOS21-73 (Full)	435465-435500; 431159-431324	Drill Core	202	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-05-07	A21-08151
18) GOS21-74 (Batch 2)	437151-437536	Drill Core	386	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-05-07	A21-09536
19) GOS21-75 (Full)	440001-440453	Drill Core	453	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-05-14	A21-08715
20) GOS21-76 (Batch 1)	439501-439630	Drill Core	130	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-05-14	A21-08716
21) GOS21-76 (Batch 2)	439631-439720	Drill Core	90	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-05-21	A21-09174
22) GOS21-77 (Full)	439721, 439725, 458311	Drill Core	6	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-05-21	A21-09166/A21-11582
23) GOS21-78 (Batch 1)	439726-439900	Drill Core	175	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-05-21	A21-09167
24) GOS21-79 (Batch 1)	437537-437800	Drill Core	264	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-05-21	A21-09172
25) GOS21-81 (Batch 1)	435501-435720	Drill Core	220	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-05-28	A21-09455
26) GOS21-78 (Batch 2)	439901-440000, 438501-438660	Drill Core	260	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-05-28	A21-09458
27) GOS21-78 (Batch 3)	438661 - 438738	Drill Core	78	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-06-08	A21-10368
28) GOS21-79 (Batch 2)	437801-438000, 431326-431337	Drill Core	212	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-06-08	A21-10369
29) GOS21-81 (Batch 2)	435721-436000 438751-438769	Drill Core	299	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-06-08	A21-10367
30) GOS21-70 Re-Run	432909-432923, 258676, 432925-432939; 254421-254435, 258675, 254437-254451	Pulps	62	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-06-09	A21-10453/A21-10448
31) GOS21-80 (Batch 1)	440454-440670	Drill Core	217	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-06-11	A21-10795
32) GOS21-83 (Batch 1)	438769-438960	Drill Core	192	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-06-11	A21-10796
33) GOS21-80 (Batch 2)	440671-440770	Drill Core	100	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-16	A21-11247
34) GOS21-80 (Batch 3)	440771-440870	Drill Core	100	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-16	A21-11232
35) GOS21-80 (Batch 4)	440871-440972	Drill Core	102	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-16	A21-11237
36) GOS21-83 (Batch 2)	438961-439060	Drill Core	100	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-16	A21-11241
37) GOS21-83 (Batch 3)	439061-439120	Drill Core	60	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-16	A21-11244
38) GOS21-83 (Batch 4)	439121-439250	Drill Core	130	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-24	A21-11779

39) GOS21-86 (Batch 1)	434427-434560	Drill Core	134	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-24	A21-11782
40) GOS21-86 (Batch 2)	434561-434630	Drill Core	70	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-24	A21-11789
41) GOS21-76 (Batch 3)	433001-433140	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-24	A21-11786
42) GOS21-76 (Batch 4)	433141-433240	Drill Core	100	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-24	A21-11775
43) GOS21-82 (Batch 1)	431351-431490	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-24	A21-11784
44) GOS21-82 (Batch 2)	431491-431500; 433501-433600;	Drill Core	110	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-24	A21-11776
45) GOS21-71 Re-Run	435081-435095; 258677; 435097-435111	Pulps	31	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-06-25	A21-11993
46) GOS21-86 (Batch 3)	434631-434770	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-30	A21-12301
47) GOS21-86 (Batch 4)	434771-434910	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-30	A21-12302
48) GOS21-86 (Batch 5)	434911-434956	Drill Core	46	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-30	A21-12305
49) GOS21-82 (Batch 3)	433601-433740	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-30	A21-12307
50) GOS21-82 (Batch 4)	433741-433788	Drill Core	48	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-30	A21-12308
51) GOS21-84 (Batch 1)	440973-441000; 434001-434110	Drill Core	138	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-30	A21-12310
52) GOS21-84 (Batch 2)	434111-434200	Drill Core	90	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-06-30	A21-12328
53) GOS21-84 (Batch 3)	434201-434340	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-02	A21-12736
54) GOS21-84 (Batch 4)	434341-434426	Drill Core	86	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-02	A21-12737
55) GOS21-85 (Batch 1)	436001-436140	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-02	A21-12738
56) GOS21-85 (Batch 2)	436141-436198	Drill Core	58	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-02	A21-12740
56a) GOS21-76 (Batch 5)	433241-433302	Drill Core	62	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-02	A21-12947
57) GOS21-90 (Batch 1)	439268-439400	Drill Core	133	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-07	A21-12743
58) GOS21-90 (Batch 2)	439401-439500	Drill Core	100	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-07	A21-12744
59) GOS21-90 (Batch 3)	448001-448060	Drill Core	60	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-07	A21-12746
60) GOS21-88 (Batch 1)	424958-435000; 431501-431560	Drill Core	103	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-07	A21-12755
61) GOS21-88 (Batch 2)	431561-431660	Drill Core	100	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-07	A21-12756
62) GOS21-85 (Batch 3)	436199-436300	Drill Core	102	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-07	A21-12757
63) GOS21-90 (Batch 4)	448061-448170	Drill Core	110	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-09	A21-12968
64) GOS21-88 (Batch 3 - RUSH)	431661-431790	Drill Core	130	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-09	A21-12969
65) GOS21-87 (Batch 1 - RUSH)	445001-445040	Drill Core	40	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-12	A21-13184
66) GOS21-88 (Batch 4 -RUSH)	431791-431890	Drill Core	100	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-12	A21-13201
67) GOS21-88 (Batch 5 -RUSH)	431891-431953	Drill Core	63	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-12	A21-13210
68) GOS21-90 (Batch 5 -RUSH)	448171-448228	Drill Core	58	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-12	A21-13206
69) GOS21-76 Re-Run (RUSH)	439697-439711; 258678; 439713-439720	Pulps	24	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-07-12	A21-13159
70) GOS21-74 Re-Run (RUSH)	437337-437351, 258679, 437352-437366; 437469-437483, 258680, 437485-437499;	Pulps	62	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-07-12	A21-13300
71) GOS21-85 (Batch 4 - RUSH)	436301-436400	Drill Core	100	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-15	A21-13691
72) GOS21-85 (Batch 5 - RUSH)	436401-436491	Drill Core	91	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-15	A21-13692
73) GOS21-87 (Batch 2 - RUSH)	445041-445180	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-15	A21-13693
74) GOS21-87 (Batch 3 - RUSH)	445181-445320	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-15	A21-13695
75) GOS21-87 (Batch 4 - RUSH)	445321-445380	Drill Core	60	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-15	A21-13694
76) GOS21-92 (Batch 1 - RUSH)	448229-448320	Drill Core	92	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-20	A21-13683

77) GOS21-93 (Batch 1 - RUSH)	433303-433400	Drill Core	98	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-20	A21-13686
78) GOS21-91 (Full Hole)	442451-442490	Drill Core	40	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-20	A21-13689
79) GOS21-89 (Full Hole)	439251-439267	Drill Core	17	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-20	A21-13687
80) GOS21-79 Re-Run (RUSH)	437769-437783; 258687; 437785-437799	Pulps	31	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-07-22	A21-13901
81) GOS21-93 (Batch 2 - RUSH)	433401-433500	Drill Core	100	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-23	A21-14057
82) GOS21-93 (Batch 3 - RUSH)	433789-433830	Drill Core	42	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-23	A21-14056
83) GOS21-87 (Batch 5 - RUSH)	445381-445450	Drill Core	70	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-23	A21-14058
84) GOS21-93 (Batch 4 - RUSH)	433831-433970	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-27	A21-14154
85) GOS21-93 (Batch 5 - RUSH)	433970-434000; 441001- 441037	Drill Core	67	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-27	A21-14156
86) GOS21-92 (Batch 2 - RUSH)	448321-448460	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-27	A21-14158
87) GOS21-92 (Batch 3 - RUSH)	448461-448600	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-27	A21-14159
88) GOS21-92 (Batch 4 - RUSH)	448601-448719	Drill Core	119	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-27	A21-14160
89) GOS21-87 (Batch 6 - RUSH)	445451-445493	Drill Core	43	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-07-27	A21-14256
90) GOS21-88 Re-Run	431721-431735; 258688; 431737-431751	Pulps	31	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-07-28	A21-14341
91) GOS21-80 Re-Run	440584-440598, 258689, 440600-440614	Pulps	31	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-08-03	A21-14604
92) GOS21-86 Re-Run	434721-424735, 258690, 434737-434751	Pulps	31	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-08-04	A21-14646
93) GOS21-76 Re-Run	433197-433211, 258691, 433213-433227	Pulps	31	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-08-06	A21-14793
94) GOS21-92 (Batch 5)	448720-448844	Drill Core	125	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-08-12	A21-15272
95) GOS21-94 (Batch 1)	443501-443640	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-08-12	A21-15270
96) GOS21-94 (Batch 2)	443641-443780	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-08-12	A21-15269
97) GOS21-94 (Batch 3)	443781-443830	Drill Core	50	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-08-12	A21-15277
98) GOS21-96 (Batch 1)	449501-449640	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-08-12	A21-15268
99) GOS21-96 (Batch 2)	449641-449720	Drill Core	80	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-08-12	A21-15276
100) GOS21-94 (Batch 4)	443831-443970	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-08-23	A21-16004
101) GOS21-94 (Batch 5)	443971-444000; 450451- 450486	Drill Core	66	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-08-23	A21-16009
102) GOS21-95 (Batch 1)	448901-449040	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-08-23	A21-16003
103) GOS21-96 (Batch 3)	449721-449860	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-08-23	A21-16005
104) GOS21-96 (Batch 4)	449861-449971	Drill Core	119	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-08-23	A21-16007
105) GOS21-97 (Batch 1)	442001 - 442050	Drill Core	50	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-08-23	A21-16013
106) GOS21-95 (Batch 2)	448845 - 448891	Drill Core	56	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-08-23	A21-16011
107) GOS21-95 (Batch 3)	449041-449180	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-09-08	A21-17090
108) GOS21-95 (Batch 4)	449181-449324	Drill Core	144	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-09-08	A21-17095
109) GOS21-97 (Batch 2)	442051-442093	Drill Core	43	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-09-08	A21-17098
110) GOS21-98 (Batch 1)	442094-442230	Drill Core	137	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-09-08	A21-17096
111) GOS21-98 (Batch 2)	442231-442370	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-09-08	A21-17089
112) GOS21-98 (Batch 3)	442371-442450, 441051- 441110	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-09-08	A21-17091
113) GOS21-98 (Batch 4)	441111-441167	Drill Core	57	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-09-08	A21-17097
114) GOS21-99 (Batch 1)	449325-449460	Drill Core	136	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-09-16	A21-17508
115) GOS21-99 (Batch 2)	449461-449500; 442501- 442540	Drill Core	80	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-09-16	A21-17506

116) GOS21-100 (Batch 1)	444001-444080	Drill Core	80	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-09-16	A21-17505
117) GOS21-100 (Batch 2)	444081-444160	Drill Core	80	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-09-16	A21-17504
118) GOS21-99 (Batch 3)	442541-442680	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-09-23	A21-17853
119) GOS21-99 (Batch 4)	442681-442813	Drill Core	133	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-09-23	A21-17851
120) GOS21-100 (Batch 3)	444161-444210	Drill Core	50	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-09-23	A21-17848
121) GOS21-96 Re-Run	449809-449811, 258692, 449813-449823, 258693, 449825-449835, 258694, 449837-449839	Pulps	31	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-10-04	A21-18566
122) GOS21-98 Re-Run	442121- 442135,258695,442137- 442151	Pulps	31	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-10-06	A21-18709
123) GOS21-100 (Batch 4)	444211-444350	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-10-06	A21-18799
124) GOS21-100 (Batch 5)	444351-444456	Drill Core	106	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-10-06	A21-18797
125) GOS21-101 (Batch 1)	442814-442950	Drill Core	137	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-10-06	A21-18819
126) GOS21-101 (Batch 2)	442951-443090	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-10-06	A21-18793
127) GOS21-101 (Batch 3)	443091-443230,443283	Drill Core	141	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-10-06	A21-18817
128) GOS21-101 (Batch 4)	443231-443282	Drill Core	52	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-10-06	A21-18820
129) GOS21-102 (Batch 1)	446501-446640	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-10-14	A21-19334
130) GOS21-102 (Batch 2)	446641-446740	Drill Core	100	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-10-14	A21-19332
131) GOS21-102 (Batch 3)	446741-446790	Drill Core	50	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-10-14	A21-19331
132) GOS21-103 (Batch 1)	262251-262390	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-10-14	A21-19333
133) GOS21-103 (Batch 2)	262391-262450	Drill Core	60	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-10-14	A21-19329
134) GOS21-103 (Batch 3)	262451-262500, 441501- 441520	Drill Core	70	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-10-28	A21-20688
135) GOS21-103 (Batch 4)	441521-441660	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-10-28	A21-20392
136) GOS21-103 (Batch 5)	441661-441800	Drill Core	140	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-10-28	A21-20391
137) GOS21-103 (Batch 6)	441801-441836	Drill Core	36	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-10-28	A21-20390
138) GOS21-102 (Batch 4)	446791-446914	Drill Core	124	1A2-FA, 1A3-50, 1A4-500	Actlabs - North Bay	2021-10-28	A21-20687
139) GOS21-103 Re-Run	262251- 262259,258696,262261- 262275	Pulps	25	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-11-16	A21-21499
140) GOS21-101 Re-Run	442821-442835, 258697, 442837-442851; 442897- 442911, 258698, 442913- 442927	Pulps	62	1A2-FA, 1A3-50, 1A4-500	Actlabs - Timmins	2021-11-17	A21- 21505/A21- 21507

Table 7: Sample Shipment Details

1A4 (1A4-500) – Au Fire Assay – Metallic Screen

Metallic Screen

A representative 500 g split is sieved at 100 mesh (149 µm) with fire assays performed on the entire +100 mesh and 2 splits on the -100 mesh fraction. The total amount of sample and the +100 mesh and -100 mesh fraction is weighed for assay reconciliation. Measured amounts of cleaner sand are used between samples and saved to test for possible plating out of gold on the mill. Alternative sieving mesh sizes are available but the user is warned that the finer the grind the more likelihood of gold loss by plating out on the mill.

Fire Assay

A sample size of 30 g for rock pulps is used. The sample is mixed with fire assay fluxes (borax, soda ash, silica, litharge) and with silver added as a collector and the mixture is placed in a fire clay crucible. The mixture is then preheated at 850°C, intermediate 950°C and finish 1060°C with the entire fusion process lasting 60 minutes. The crucibles are then removed from the assay furnace and the molten slag (lighter material) is carefully poured from the crucible into a mould, leaving a lead button at the base of the mould. The lead button is then placed in a preheated cupel which absorbs the lead when cupelled at 950°C to recover the silver (doré bead) + gold.

Gold is separated from the silver in the doré bead by parting with nitric acid. The gold (roasting) flake remaining is weighed gravimetrically on a microbalance. Two splits on the -150 micron fraction are weighted and analyzed by fire assay with a gravimetric finish. A final assay is calculated based on the weight of each separated fraction and obtained gold values.

8.4 Quality Assurance and Control

IAMGOLD sent a total of 16,673 samples including 754 blanks and 667 certified reference materials and 784 duplicates to Actlabs in Timmins, Ontario, in over 140 separate batches. An additional 511 samples were sent for pulp re-assay due to failed standards or blanks. These pulps were requested to be re-assayed as per IAMGOLD protocols when failure of certified blank or reference material is reported. IAMGOLD requests that 15 samples up and 15 samples down from the failure be re-assayed and compared to the original data. The re-assays were performed by Actlabs (Timmins & Ancaster, Ontario facilities). Spits were also sent to AGAT Laboratories Ltd. (Mississauga, Ontario) for every 20th sample totaling 843 samples in order to test for lab bias.

Blank material consisting of 300 g packets of up to ¼” certified coarse crush silica blank were used. This material was purchased in bulk and then measured out by IAMGOLD personnel. The certified standards used during the drilling campaign were OREAS 502c, OREAS 503d, OREAS 504c, and OREAS 507. Mean gold values for the standards ranged from 0.176 g/t Au to 1.471 g/t Au. All certified blank and reference material was purchased from Analytical Solutions Ltd. in Sudbury, Ontario.

Standard	Mean Au (ppm)	Standard Deviation Au (ppm)	Lower Au Limit	Upper Au Limit	Relative Standard Deviation	Count	Failures	Failure Rate
OREAS 502c	0.484	0.017	0.434	0.536	3.5%	171	3	1.8%
OREAS 503d	0.666	0.016	0.618	0.714	2.4%	164	3	1.9%
OREAS 504c	1.471	0.050	1.321	1.621	3.4%	165	4	2.4%
OREAS 507	0.176	0.006	0.157	0.195	3.5%	169	4	2.4%

Table 9: CRM Performance Summary

Overall, the QA/QC results are good with low rates of failure. Out of 754 blanks, there were 14 failures for a rate of 1.9 %. Out of 667 Standards (CRMs), there were 14 failures for a rate of 2.09%. Quality control charts are included in Appendix E.

Actlabs

Actlabs conducts in-house quality control and quality assurance protocols and at the request of the client will issue blank and certified reference material certificates. Only internal laboratory quality control materials were used for the gravimetric and pulp metallic screen analysis.

9.0 Results

9.1 Summary

Thirty-three diamond drill holes were successfully drilled into the Gosselin gold deposit over the period of the drilling reported in this report. A plan map showing the location of the drill hole collar and traces with respect to mining land tenure is found in Appendix C. The detailed drill logs can be found in Appendix A and the assay results are found in both the drill logs as well as assay certificates in Appendix B. Vertical cross sections can be found in Appendix D.

9.2 Drill-hole Results

Overall, the results from both phases of drilling within this report were successful in further delineating the Gosselin zone. The majority of the drill-holes intersected consistent gold over wide intervals hosted mainly within altered tonalite and hydrothermal breccia. These gold bearing zones are generally characterized as having moderate to strong hydrothermal alteration (silica-albite, sericite and chlorite-biotite) with associated disseminated, fracture and vein hosted pyrite ± chalcopyrite. Many of the holes also intersect classic Chester intrusive style narrow gold bearing quartz-carbonate-chlorite-biotite-pyrite+/-chalcopyrite, pyrrhotite veins throughout as well.

10.0 Conclusions

The drilling campaign was successful in further defining / in-filling the Gosselin zone with a total of 15,883.1 m being drilled.

11.0 Recommendations

Additional diamond drilling is warranted on the Gosselin zone to further delineate its extent and to complete sufficient in-fill drilling to allow for a maiden Resource Estimate. Additional drilling will also help refine the geological model and controls on mineralization. This work and additional data will also allow refinement of targeting criteria to assist in discovery of additional Au mineralization.

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13.0

STATEMENT OF QUALIFICATIONS

Brian Tomczuk, B.Sc., P. Geo.

I, Brian Tomczuk of 5 Sussex Court, St.Catharines, ON hereby certify that:

1. I am a graduate of Laurentian University's Earth Science Degree (B.Sc. Honors) program in 2010 and currently completing an Applied M.Sc Degree in Geology – Mineral Exploration at Laurentian University.
2. I have been working in the field of geology for more than 10 years since my graduation.
3. I am currently employed full-time by IAMGOLD Corp. as a Project Geologist since May 27, 2010 and own shares in the company.
4. I am a practicing member in good standing with the Association of Professional Geoscientists of Ontario (Member Number 2401). I am also a member of the PDAC, CIM and OPA.
5. I am the principal author of this report and statements made within this report are based on my direct observations, as well as colleagues, while supervising the diamond drilling program in the Gosselin area. I have no interest either direct or indirect pertaining to the properties included in this report, nor do I expect any.

Dated this June 20th, 2023



Brian Tomczuk, B.Sc., P. Geo.

Project Geologist – Exploration
IAMGOLD Corp.
Email: brian_tomczuk@iamgold.com
Tel: 705 207 8785

CôteGold 

14.0 List of Abbreviations

Alteration Intensity	
1	Very Weak
2	Weak
3	Moderate
4	Strong
5	Intense
Alteration Type	
AB/ALB	Albite
AG	Argillic
AK/ANK	Ankerite
AM	Amphibolization
BIO/BT	Biotite
CB	Carbonate
CL/CHL	Chlorite
EP	Epidote
HM/HEM	Hematite
LX/LCX	Leucoxene
SI/SIL	Silica
SR/SER	Sericite
Alteration Style	
AFG	Alteration of Feldspar Grains
BNDS	Bands/Banded
CLTS	Clots
DIS	Disseminated
FP	Along Foliation Planes
FRC	Along Fractures
FRG	Fragment
HLO	Alteration Halo
IS	Interstitial
MET	Metasomatized
MTC	Marginal to Contacts
MTV	Marginal to Vein
MTVF	Marginal to Veins and Fractures
MX	Matrix
PV	Pervasive
SHR	Shear Hosted

Structure Type	
BC	Broken Core
BX	Brecciated
DYK	Dyke
FAC/FRC	Fractured/Fracture
FLTD/FLT	Faulted
FLTZN	Fault Zone
FOL	Foliated
LCT	Lithological Contact
SCH	Schistose
SHRD	Sheared
SHRZN	Shear Zone
VN	Vein
VNLTS	Veinlets
Color	
BE	Beige
BEGR	Beige Green
BLK	Black
DGR	Dark Green
DRLGR	Dark Grey
GG	Grey Green
GR	Green
GRBLK	Grey Black
GREBLK	Green Black
GRPK	Grey Pink
GRYBLU	Grey Blue
GY	Grey
LGY	Light Grey
PK	Pink
PKGRM	Pink Green
RE	Red
REBR	Red Brown
YE	Yellow
Texture Type	
ACC	Accicular
AP	Aphanitic

SP	Along Shear Planes
SPT	Spotty/Patchy
SPV	Semi-Pervasive
ST	Stain
Rock Types	
BXDR/DRBX	Diorite Breccia
BXFLT	Fault Breccia
BXHYP/HdBx	Hydrothermal Breccia
BXQDR/BXDR/QDRBx	Quartz Diorite Breccia
DEF	Deformation Zone
DIA	Diabase
DR	Diorite
FLT/FLZn	Fault/ Fault Zone
FLBx	Fault Breccia
II	Intermediate Intrusive
IIDR/DR	Diorite
IIQDR/QDR	Quartz Diorite
IITNLT/TNLT/TON	Tonalite
IITNLT2/TON2	Tonalite 2
IITNLTBX/TonBx	Tonalite Breccia
IITNLTBX2A	Tonalite 2 Breccia w Tonalite Fragments
IITNLTBX2D/Ton 2 Bx	Tonalite 2 Breccia
IM	Mafic Intrusive
IMDIA/DIA	Diabase
IMLAMP/LAMP/LamDk	Lamprophyre Dike
BXMM	Magma Mixing Breccia
QFP/Qfprphy	Quartz Feldspar Porphyry
IFP	Intermediate Feldspar Porphyry
MafDk	Mafic Dike
OB	Overburden
SHRZN	Shear Zone
Mineralization Type	
AU	Native Gold

BL	Bleached
BXD	Brecciated
CG/CGR	Coarse Grained
EQ	Equigranular
FG/FGR	Fine Grained
GP	Glomeroporphyritic
HO	Homogeneous
HT	Heterogeneous
IEQ	Inequigranular
MAS	Massive
MT	Mottled
NET	Net Textured
PG	Pegmatitic
PO/PORPH	Porphyritic
SCH	Schistose
VCG	Very Coarse Grained
VFG	Very Fine Grained
VUGY	Vuggy
Vein Mineral	
AU	Gold
BI	Biotite
CBV	Carbonate Vein
CHLV	Chlorite Vein
CPY	Chalcopyrite
CV	Calcite Vein
QBV	Quartz Biotite Vein
QCC	Quartz Carbonate Chlorite Vein
QCCP	Quartz Carbonate Chlorite Pyrite Vein
QCHLV	Quartz Chlorite Vein
QCPC	Quartz Carbonate Pyrite Chalcopyrite
QCV	Quartz Calcite Vein
QICV	Quartz Iron Carbonate Vein

CPY	Chalcopyrite
MO	Molybdenite
PO	Pyrrhotite
PY	Pyrite
SPH	Sphalerite
TE	Tellurides
Mineralization Style	
BLB	Blebs
CLS	Clusters/Aggregates
CLTS	Clots
DIS	Disseminated
FAC	Fracture-Controlled
FOL	Along Foliation
FRG	Fragments
HLO	Halo
LOC	Local
MAS	Massive
MTX	Matrix-Controlled
STG	Stringers/Veinlets
VN	Vein-Controlled

QV/QTZ	Quartz Vein
MAG/MGT	Magnetite
SPHV	Sphalerite Vein
SULPH	Sulphide
TRM	Tourmaline
VG	Visible Gold
Vein Style	
FACV	Fracture Fill
FPV	Along Foliation Planes
STG	Stringers
STWV	Stockwork
TNV	Tension
VN	Vein
Comments/Other	
ALTN	Alteration
ASSOC	Associated
CM	Centimeter
DH	Down Hole
DM	Decimeter
III	Illmenite
IRREG	Irregular
LCT	Lower Contact
MM	Millimeter
MNR	Minor
MOD	Moderate
PHENOS	Phenocrysts
PLAG	Plagioclase
SHRP	Sharp
TR	Trace
TXTR	Texture
UCT	Upper Contact
W	With
LC	Lost Core
ppm	Parts per million
ppb	Parts per billion
XENOS	Xenolith
XLS	Crystals

Appendix A:
Drill Logs

DRILL HOLE REPORT

Drill Hole **GOS21-63** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -64.0
 Length 258.0 m
 Started 29-Jan-21
 Completed 06-Feb-21
 Logged 06-Mar-21
 Logged by Laurent Gauchat

Company
 Contractor Chenier
 Position
 Bore Size NQ
 Sample Storage
 Casing STEEL
 Condition Capped

Survey Details:

Claim Number PAT-11127
 Property Chester
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool GPS

Coordinates:

Target
 Comments Rods stuck in hole. Cut rods in hole. 1.5m of rods+ end of rods gear left in hole.

Easting 430892.27
 UTM Datum NAD83 Northing 5267829.69
 UTM Zone 17 Elevation 381.49

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
99.0	331.48	-64.13		RS							
150.0	332.25	-64.56		RS							
201.0	331.48	-64.13		RS							
252.0	335.09	-64.30		RS							

From 0.00	To 8.00	Lithologic Group Overburden					
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From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	8.00	8.00			Unaltered		

From 8.00	To 28.00	Lithologic Group Tonalite					
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From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
8.00	9.00	1.00	254001	0.023	Silicified	1%	x
9.00	10.00	1.00	254002	0.020	Silicified	2%	x
10.00	11.00	1.00	254003	0.006	Silicified	3%	x
11.00	12.00	1.00	254004	0.446	Silicified	4%	x
12.00	13.00	1.00	254005	0.130	Silicified	2%	x
13.00	14.00	1.00	254006	0.043	Silicified	3%	x
14.00	15.00	1.00	254007	0.065	Silicified	3%	x
15.00	16.00	1.00	254008	0.099	Silicified	3%	x
16.00	17.00	1.00	254009	0.043	Sericitic alteration	3%	x
17.00	18.00	1.00	254011	0.185	Silicified	2%	x
18.00	19.00	1.00	254013	0.094	Silicified	2%	x
19.00	20.00	1.00	254014	0.099	Silicified	2%	x
20.00	21.00	1.00	254015	0.092	Silicified	4%	x
21.00	22.00	1.00	254016	0.029	Silicified	8%	x
22.00	23.00	1.00	254017	0.018	Silicified	10%	x
23.00	24.00	1.00	254018	0.204	Silicified	14%	x
24.00	25.00	1.00	254019	0.088	Silicified	5%	x
25.00	26.00	1.00	254020	0.513	Silicified	3%	x
26.00	27.00	1.00	254021	0.074	Silicified	2%	x
27.00	28.00	1.00	254022	0.062	Silicified	1%	x

From 28.00	To 30.15	Lithologic Group Diabase					
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From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
28.00	29.00	1.00	254023	0.005	Unaltered	0%	
29.00	30.15	1.15	254025	0.005	Unaltered	0%	

From 30.15	To 35.50	Lithologic Group Tonalite					
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From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
30.15	31.00	0.85	254026	0.344	Silicified	4%	x
31.00	32.00	1.00	254027	0.178	Silicified	2%	x
32.00	33.00	1.00	254028	0.319	Silicified	3%	x

33.00	34.00	1.00	254029	2.490	Sericitic alteration	5%	x
34.00	35.00	1.00	254032	0.113	Silicified	3%	x
35.00	35.50	0.50	254033	0.129	Silicified	3%	x
From 35.50	To 42.00		Lithologic Group Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
35.50	37.00	1.50	254034	0.015	Chloritic alteration	8%	x
37.00	38.00	1.00	254035	0.057	Chloritic alteration	8%	x
38.00	39.00	1.00	254037	0.020	Chloritic alteration	5%	x
39.00	40.00	1.00	254038	0.037	Chloritic alteration	1%	x
40.00	41.00	1.00	254039	0.646	Chloritic alteration	1%	x
41.00	42.00	1.00	254040	0.086	Chloritic alteration	1%	x
From 42.00	To 66.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
42.00	43.00	1.00	254041	0.086	Silicified	2%	x
43.00	44.00	1.00	254042	0.009	Silicified	2%	x
44.00	45.00	1.00	254043	0.085	Silicified	1%	x
45.00	46.00	1.00	254044	0.035	Silicified	2%	x
46.00	47.00	1.00	254045	0.047	Silicified	2%	x
47.00	48.00	1.00	254046	0.068	Silicified	2%	x
48.00	49.00	1.00	254047	0.054	Silicified	2%	x
49.00	50.00	1.00	254049	0.030	Sericitic alteration	5%	x
50.00	51.00	1.00	254051	0.017	Sericitic alteration	15%	x
51.00	52.00	1.00	254052	0.086	Sericitic alteration	10%	x
52.00	53.00	1.00	254053	0.039	Sericitic alteration	5%	x
53.00	54.00	1.00	254054	0.072	Sericitic alteration	5%	x
54.00	55.00	1.00	254055	0.058	Silicified	5%	x
55.00	56.00	1.00	254056	0.066	Silicified	4%	x
56.00	57.00	1.00	254057	0.027	Silicified	4%	x
57.00	58.00	1.00	254058	0.034	Silicified	6%	x
58.00	59.00	1.00	254059	0.005	Silicified	5%	x
59.00	60.00	1.00	254061	0.013	Silicified	4%	x
60.00	61.00	1.00	254062	0.005	Silicified	2%	x
61.00	62.00	1.00	254063	0.005	Silicified	4%	x
62.00	63.00	1.00	254064	0.020	Sericitic alteration	2%	x
63.00	64.00	1.00	254065	0.041	Sericitic alteration	3%	x
64.00	65.00	1.00	254066	0.331	Silicified	2%	x
65.00	66.00	1.00	254067	0.020	Silicified	1%	x
From 66.00	To 68.00		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

66.00	67.00	1.00	254068	0.462	Silicified	5%	x
67.00	68.00	1.00	254069	0.033	Silicified	2%	x

From	To	Lithologic Group					
68.00	96.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
68.00	69.00	1.00	254071	0.005	Silicified	3%	x
69.00	70.00	1.00	254073	0.126	Silicified	2%	x
70.00	71.00	1.00	254074	0.372	Sericitic alteration	3%	x
71.00	72.00	1.00	254075	0.059	Sericitic alteration	3%	x
72.00	73.00	1.00	254076	0.165	Sericitic alteration	4%	x
73.00	74.00	1.00	254077	0.194	Sericitic alteration	3%	x
74.00	75.00	1.00	254078	0.049	Sericitic alteration	2%	x
75.00	76.00	1.00	254079	0.090	Sericitic alteration	5%	x
76.00	77.00	1.00	254080	0.033	Sericitic alteration	5%	x
77.00	78.00	1.00	254081	0.038	Sericitic alteration	6%	x
78.00	79.00	1.00	254082	0.026	Sericitic alteration	4%	x
79.00	80.00	1.00	254083	0.094	Sericitic alteration	12%	x
80.00	81.00	1.00	254085	0.005	Sericitic alteration	15%	x
81.00	82.00	1.00	254086	0.047	Silicified	8%	x
82.00	83.00	1.00	254087	0.007	Silicified	4%	x
83.00	84.00	1.00	254088	0.010	Silicified	14%	x
84.00	85.00	1.00	254089	0.078	Silicified	6%	x
85.00	86.00	1.00	254091	0.042	Sericitic alteration	8%	x
86.00	87.00	1.00	254092	1.166	Silicified	5%	x
87.00	88.00	1.00	254093	1.499	Sericitic alteration	10%	x
88.00	89.00	1.00	254094	1.481	Sericitic alteration	5%	x
89.00	90.00	1.00	254095	0.914	Sericitic alteration	3%	x
90.00	91.00	1.00	254097	0.172	Silicified	3%	x
91.00	92.00	1.00	254098	0.152	Silicified	3%	x
92.00	93.00	1.00	254099	0.195	Silicified	3%	x
93.00	94.00	1.00	254100	0.182	Silicified	4%	x
94.00	94.60	0.60	254101	0.082	Silicified	3%	x
94.60	96.00	1.40	254102	0.182	Silicified	2%	x 40cm DIA

From	To	Lithologic Group					
96.00	98.20	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
96.00	97.00	1.00	254103	0.104	Chloritic alteration	2%	x
97.00	98.20	1.20	254104	0.120	Chloritic alteration	2%	x

From	To	Lithologic Group					
98.20	129.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
98.20	99.00	0.80	254105	0.096	Sericitic alteration	2%	x

99.00	100.00	1.00	254106	0.005	Sericitic alteration	2%	x
100.00	101.00	1.00	254107	0.015	Sericitic alteration	2%	x
101.00	102.00	1.00	254108	0.007	Sericitic alteration	3%	x
102.00	103.00	1.00	254109	0.042	Sericitic alteration	3%	x
103.00	104.00	1.00	254111	0.007	Sericitic alteration	2%	x
104.00	105.00	1.00	254113	0.005	Silicified	2%	x
105.00	106.00	1.00	254114	0.005	Silicified	3%	x
106.00	107.00	1.00	254115	0.027	Silicified	2%	x
107.00	108.00	1.00	254116	0.005	Silicified	2%	x
108.00	109.00	1.00	254117	0.025	Silicified	2%	x
109.00	110.00	1.00	254118	0.007	Silicified	3%	x
110.00	111.00	1.00	254119	0.016	Silicified	3%	x
111.00	112.00	1.00	254120	0.015	Silicified	2%	x
112.00	113.00	1.00	254121	0.028	Silicified	2%	x
113.00	114.00	1.00	254122	0.148	Silicified	4%	x
114.00	115.00	1.00	254123	0.005	Silicified	3%	x
115.00	116.00	1.00	254125	0.026	Silicified	6%	x
116.00	117.00	1.00	254126	0.026	Silicified	4%	x
117.00	118.00	1.00	254127	0.060	Silicified	2%	x
118.00	119.00	1.00	254128	0.103	Silicified	4%	x
119.00	120.00	1.00	254129	0.050	Silicified	2%	x
120.00	121.00	1.00	254131	0.005	Silicified	1%	x
121.00	122.00	1.00	254132	0.750	Silicified	2%	x
122.00	123.00	1.00	254133	0.553	Silicified	2%	x
123.00	124.00	1.00	254134	19.000	Silicified	4%	x lot of CPY
124.00	125.00	1.00	254135	0.029	Silicified	2%	x
125.00	126.00	1.00	254137	0.072	Silicified	2%	x
126.00	127.00	1.00	254138	0.108	Silicified	3%	x
127.00	128.00	1.00	254139	0.033	Silicified	2%	x
128.00	129.00	1.00	254140	0.031	Silicified	4%	x

From	To	Lithologic Group					
129.00	130.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
129.00	130.00	1.00	254141	0.111	Sericitic alteration	4%	x

From	To	Lithologic Group					
130.00	132.90	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
130.00	131.00	1.00	254142	0.150	Sericitic alteration	6%	x
131.00	132.00	1.00	254143	0.024	Sericitic alteration	3%	x
132.00	132.90	0.90	254144	0.112	Sericitic alteration	3%	x

From	To	Lithologic Group					
132.90	135.30	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
132.90	134.00	1.10	254145	0.080	Chloritic alteration	2%	x
134.00	134.70	0.70	254146	0.084	Chloritic alteration	2%	x
134.70	135.30	0.60	254147	0.096	Chloritic alteration	4%	x
From	To	Lithologic Group					
135.30	146.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
135.30	136.00	0.70	254149	0.096	Sericitic alteration	3%	x
136.00	137.00	1.00	254151	0.114	Sericitic alteration	3%	x
137.00	138.00	1.00	254152	0.125	Sericitic alteration	5%	x
138.00	139.00	1.00	254153	0.068	Sericitic alteration	3%	x
139.00	140.00	1.00	254154	0.009	Sericitic alteration	6%	x
140.00	141.00	1.00	254155	0.060	Sericitic alteration	3%	x
141.00	142.00	1.00	254156	0.009	Sericitic alteration	2%	x
142.00	143.00	1.00	254157	0.028	Sericitic alteration	2%	x
143.00	144.00	1.00	254158	0.033	Sericitic alteration	4%	x
144.00	145.00	1.00	254159	0.014	Sericitic alteration	2%	x
145.00	146.00	1.00	254161	0.042	Sericitic alteration	10%	x
From	To	Lithologic Group					
146.00	147.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
146.00	147.00	1.00	254162	0.043	Sericitic alteration	6%	x
From	To	Lithologic Group					
147.00	148.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
147.00	148.00	1.00	254163	0.051	Sericitic alteration	3%	x
From	To	Lithologic Group					
148.00	149.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
148.00	149.00	1.00	254164	0.092	Sericitic alteration	4%	x
From	To	Lithologic Group					
149.00	160.70	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
149.00	150.00	1.00	254165	0.032	Silicified	3%	x
150.00	151.00	1.00	254166	0.017	Silicified	4%	x
151.00	152.00	1.00	254167	0.033	Silicified	2%	x
152.00	153.00	1.00	254168	0.023	Silicified	2%	x
153.00	154.00	1.00	254169	0.027	Silicified	3%	x
154.00	155.00	1.00	254171	0.044	Silicified	4%	x

155.00	156.00	1.00	254173	0.179	Silicified	4%	x
156.00	157.00	1.00	254174	0.259	Sericitic alteration	2%	x
157.00	158.00	1.00	254175	0.054	Silicified	2%	x
158.00	159.00	1.00	254176	0.019	Silicified	2%	x
159.00	160.00	1.00	254177	0.131	Sericitic alteration	3%	x
160.00	160.70	0.70	254178	0.459	Sericitic alteration	2%	x

From	To	Lithologic Group					
160.70	162.10	Lamprophyre Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
160.70	162.10	1.40	254179	6.720	Biotitic alteration	15%	x

From	To	Lithologic Group					
162.10	173.30	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
162.10	163.00	0.90	254180	0.026	Silicified	10%	x
163.00	164.00	1.00	254181	0.065	Silicified	4%	x
164.00	165.00	1.00	254182	0.020	Silicified	3%	x
165.00	166.00	1.00	254183	0.035	Silicified	2%	x
166.00	167.00	1.00	254185	0.096	Silicified	4%	x
167.00	168.00	1.00	254186	0.095	Silicified	2%	x
168.00	169.00	1.00	254187	0.078	Silicified	2%	x
169.00	170.00	1.00	254188	0.089	Silicified	3%	x
170.00	171.00	1.00	254189	0.057	Silicified	3%	x
171.00	172.00	1.00	254191	0.082	Silicified	7%	x
172.00	173.30	1.30	254192	0.214	Silicified	5%	x

From	To	Lithologic Group					
173.30	177.00	Quartz diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
173.30	174.00	0.70	254193	0.011	Chloritic alteration	2%	x
174.00	175.00	1.00	254194	0.099	Chloritic alteration	2%	x
175.00	176.00	1.00	254195	0.007	Chloritic alteration	3%	x
176.00	177.00	1.00	254197	0.014	Chloritic alteration	2%	x

From	To	Lithologic Group					
177.00	178.35	Quartz Diorite Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
177.00	178.35	1.35	254198	0.005	Chloritic alteration	2%	x

From	To	Lithologic Group					
178.35	180.00	Quartz diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
178.35	179.00	0.65	254199	0.008	Chloritic alteration	3%	x
179.00	180.00	1.00	254200	0.023	Chloritic alteration	3%	x

From	To	Lithologic Group					
180.00	181.40	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
180.00	181.40	1.40	254201	0.055	Silicified	2%	x
From	To	Lithologic Group					
181.40	183.10	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
181.40	182.00	0.60	254202	0.038	Chloritic alteration	3%	x
182.00	183.10	1.10	254203	0.029	Chloritic alteration	3%	x
From	To	Lithologic Group					
183.10	257.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
183.10	184.00	0.90	254204	0.031	Silicified	1%	x
184.00	185.00	1.00	254205	0.173	Silicified	2%	x
185.00	186.00	1.00	254206	0.196	Silicified	10%	x
186.00	187.00	1.00	254208	0.055	Silicified	3%	x
187.00	188.00	1.00	254209	0.029	Silicified	3%	x
188.00	189.00	1.00	254211	0.098	Silicified	6%	x
189.00	190.00	1.00	254213	0.113	Silicified	3%	x
190.00	191.00	1.00	254214	0.033	Silicified	4%	x
191.00	192.00	1.00	254215	0.123	Silicified	3%	x
192.00	193.00	1.00	254216	0.120	Silicified	3%	x
193.00	194.00	1.00	254217	0.092	Silicified	4%	x
194.00	195.00	1.00	254218	0.534	Silicified	3%	x
195.00	196.00	1.00	254219	0.076	Sericitic alteration	3%	x
196.00	197.00	1.00	254220	0.353	Sericitic alteration	5%	x
197.00	198.00	1.00	254221	0.203	Silicified	3%	x
198.00	199.00	1.00	254222	0.045	Silicified	2%	x
199.00	200.00	1.00	254223	0.049	Silicified	2%	x
200.00	201.00	1.00	254225	0.101	Silicified	4%	x
201.00	202.00	1.00	254226	0.140	Silicified	2%	x
202.00	203.00	1.00	254227	0.064	Silicified	2%	x
203.00	204.00	1.00	254228	0.129	Silicified	5%	x
204.00	205.00	1.00	254229	0.128	Silicified	2%	x
205.00	206.00	1.00	254231	0.191	Silicified	3%	x
206.00	207.00	1.00	254232	0.066	Silicified	7%	x
207.00	208.00	1.00	254233	0.047	Silicified	2%	x
208.00	209.00	1.00	254234	0.087	Silicified	2%	x
209.00	210.00	1.00	254235	0.062	Silicified	1%	x
210.00	211.00	1.00	254237	0.180	Silicified	2%	x
211.00	212.00	1.00	254238	0.419	Silicified	6%	x
212.00	213.00	1.00	254239	0.189	Silicified	3%	x

213.00	214.00	1.00	254240	0.170	Silicified	2%	x
214.00	215.00	1.00	254241	0.342	Silicified	3%	x
215.00	216.00	1.00	254242	0.634	Silicified	3%	x
216.00	217.00	1.00	254243	0.195	Silicified	5%	x
217.00	218.00	1.00	254244	0.097	Silicified	4%	x
218.00	219.00	1.00	254245	0.106	Silicified	2%	x
219.00	220.00	1.00	254246	0.044	Silicified	4%	x
220.00	221.00	1.00	254247	0.086	Sericitic alteration	3%	x
221.00	222.00	1.00	254249	0.149	Silicified	3%	x
222.00	223.00	1.00	254251	0.141	Silicified	2%	x
223.00	224.00	1.00	254252	0.049	Silicified	2%	x
224.00	225.00	1.00	254253	0.057	Silicified	1%	x
225.00	226.00	1.00	254254	0.036	Silicified	3%	x
226.00	227.00	1.00	254255	0.018	Silicified	2%	x
227.00	228.00	1.00	254256	0.155	Silicified	3%	x
228.00	229.00	1.00	254257	0.153	Silicified	3%	x
229.00	230.00	1.00	254258	0.099	Silicified	1%	x
230.00	231.00	1.00	254259	0.182	Silicified	3%	x
231.00	232.00	1.00	254261	0.450	Silicified	1%	x
232.00	233.00	1.00	254262	0.358	Silicified	2%	x
233.00	234.00	1.00	254263	0.207	Silicified	2%	x
234.00	235.00	1.00	254264	0.304	Silicified	8%	x
235.00	236.00	1.00	254265	0.232	Silicified	2%	x
236.00	237.00	1.00	254266	0.147	Silicified	2%	x
237.00	238.00	1.00	254267	0.226	Silicified	4%	x
238.00	239.00	1.00	254268	0.085	Sericitic alteration	12%	x
239.00	240.00	1.00	254269	0.270	Silicified	3%	x
240.00	241.00	1.00	254271	0.058	Silicified	4%	x
241.00	242.00	1.00	254273	0.100	Silicified	4%	x
242.00	243.00	1.00	254274	0.126	Silicified	3%	x
243.00	244.00	1.00	254275	0.059	Silicified	12%	x
244.00	245.00	1.00	254276	0.627	Silicified	4%	x
245.00	246.00	1.00	254277	0.498	Silicified	4%	x
246.00	247.00	1.00	254278	0.052	Silicified	8%	x
247.00	248.00	1.00	254279	0.217	Silicified	4%	x
248.00	249.00	1.00	254280	0.132	Silicified	3%	x
249.00	250.00	1.00	254281	0.087	Silicified	3%	x
250.00	251.00	1.00	254282	0.151	Silicified	4%	x
251.00	252.00	1.00	254283	0.084	Silicified	6%	x
252.00	253.00	1.00	254285	0.198	Silicified	8%	x
253.00	254.00	1.00	254286	0.118	Silicified	6%	x
254.00	255.00	1.00	254287	0.065	Silicified	5%	x

255.00	256.00	1.00	254288	0.198	Silicified	5%	x
256.00	257.00	1.00	254289	0.234	Silicified	6%	x

From	To	Lithologic Group					
257.00	258.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
257.00	258.00	1.00	254291	0.788	Silicified	4%	x

DRILL HOLE REPORT

Drill Hole **GOS21-64** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 328.0
 Dip -67.0
 Length 199.5 m
 Started 07-Feb-21
 Completed
 Logged 06-Mar-21
 Logged by Justin Bisaillon
 Target
 Comments L.G log after 139

Company
 Contractor Chenier Drilling LTD
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Capped

Survey Details:

Claim Number PAT-11127
 Property 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool GPS

Coordinates:

Easting 430952.46
 Northing 5267845.47
 Elevation 382.32

UTM Datum NAD83

UTM Zone 17

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
54.0	328.31	-67.18		RS							
102.0	328.96	-67.28		RS							
150.0	330.87	-67.06		RS							

From	To	Lithologic Group					
0.00	4.30	Overburden					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	4.30	4.30			Unaltered		OVB

From	To	Lithologic Group					
4.30	31.42	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
4.30	5.00	0.70	262001	0.084	Sericitic alteration	5%	Medium grained, massive, light grey, equigranular
5.00	6.00	1.00	262002	0.167	Sericitic alteration	4%	
6.00	7.00	1.00	262003	1.576	Sericitic alteration	5%	
7.00	7.75	0.75	262004	0.832	Sericitic alteration	2%	
7.75	9.00	1.25	262005	3.450	Sericitic alteration	6%	
9.00	9.83	0.83	262006	0.568	Sericitic alteration	3%	
9.83	11.00	1.17	262007	0.936	Sericitic alteration	5%	
11.00	12.00	1.00	262008	0.331	Sericitic alteration	5%	
12.00	13.00	1.00	262009	0.149	Sericitic alteration	2%	
13.00	14.00	1.00	262011	0.172	Sericitic alteration	1%	
14.00	15.00	1.00	262013	0.218	Sericitic alteration	2%	
15.00	16.00	1.00	262014	0.215	Sericitic alteration	3%	
16.00	17.00	1.00	262015	0.391	Sericitic alteration	2%	
17.00	18.00	1.00	262016	0.255	Sericitic alteration	3%	
18.00	19.00	1.00	262017	0.160	Sericitic alteration	4%	
19.00	20.00	1.00	262018	0.616	Sericitic alteration	5%	
20.00	21.00	1.00	262019	0.059	Sericitic alteration	3%	
21.00	22.00	1.00	262020	0.117	Sericitic alteration	1%	
22.00	23.00	1.00	262021	0.368	Sericitic alteration	3%	
23.00	24.00	1.00	262022	0.062	Sericitic alteration	2%	
24.00	25.02	1.02	262023	0.055	Sericitic alteration	3%	
25.02	26.00	0.98	262025	0.236	Sericitic alteration	3%	
26.00	27.00	1.00	262026	0.103	Sericitic alteration	4%	
27.00	28.00	1.00	262027	0.243	Sericitic alteration	5%	
28.00	29.00	1.00	262028	0.199	Sericitic alteration	5%	
29.00	30.00	1.00	262029	0.132	Sericitic alteration	5%	
30.00	31.42	1.42	262031	0.117	Sericitic alteration	6%	Dia base patch (3%)

From	To	Lithologic Group					
31.42	35.03	Diabase					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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31.42	32.00	0.58	262032	0.005	Sericitic alteration	1%	fine grained, plagioclase phytic, dark grey, massive
32.00	33.00	1.00	262033	0.005	Sericitic alteration	1%	
33.00	34.00	1.00	262034	0.005	Sericitic alteration	0%	
34.00	35.03	1.03	262035	0.005	Sericitic alteration	1%	

From	To	Lithologic Group					
35.03	106.32	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
35.03	36.00	0.97	262037	0.130	Sericitic alteration	2%	
36.00	36.93	0.93	262038	0.023	Sericitic alteration	2%	
36.93	37.70	0.77	262039	0.028	Sericitic alteration	7%	
37.70	39.00	1.30	262040	0.005	Sericitic alteration	4%	
39.00	40.00	1.00	262041	0.053	Sericitic alteration	2%	
40.00	41.00	1.00	262042	0.039	Sericitic alteration	4%	
41.00	42.00	1.00	262043	0.034	Sericitic alteration	3%	
42.00	43.00	1.00	262044	0.046	Sericitic alteration	1%	
43.00	44.00	1.00	262045	0.049	Sericitic alteration	3%	
44.00	45.00	1.00	262046	0.102	Sericitic alteration	2%	
45.00	46.00	1.00	262047	0.149	Sericitic alteration	1%	
46.00	47.00	1.00	262049	0.115	Sericitic alteration	2%	
47.00	48.28	1.28	262051	0.126	Sericitic alteration	6%	In in situ breccia from 47.74m to 48.28m,
48.28	49.00	0.72	262052	0.005	Sericitic alteration	2%	
49.00	50.00	1.00	262053	0.016	Sericitic alteration	2%	
50.00	50.63	0.63	262054	0.005	Sericitic alteration	2%	
50.63	52.09	1.46	262055	0.026	Sericitic alteration	2%	
52.09	53.00	0.91	262056	0.034	Sericitic alteration	8%	
53.00	54.00	1.00	262057	0.010	Sericitic alteration	3%	
54.00	54.73	0.73	262058	0.026	Sericitic alteration	3%	
54.73	56.00	1.27	262059	0.009	Sericitic alteration	3%	
56.00	57.00	1.00	262061	0.027	Sericitic alteration	4%	
57.00	58.00	1.00	262062	0.005	Sericitic alteration	4%	
58.00	59.00	1.00	262063	0.005	Sericitic alteration	3%	
59.00	60.00	1.00	262064	0.015	Sericitic alteration	6%	
60.00	61.00	1.00	262065	0.019	Sericitic alteration	3%	
61.00	62.00	1.00	262066	0.034	Sericitic alteration	1%	
62.00	63.00	1.00	262067	0.042	Sericitic alteration	2%	
63.00	64.00	1.00	262068	0.009	Sericitic alteration	3%	
64.00	64.80	0.80	262069	0.023	Sericitic alteration	2%	
64.80	66.00	1.20	262071	2.703	Sericitic alteration	2%	
66.00	67.00	1.00	262073	0.300	Sericitic alteration	4%	VG in vein at 66.9m
67.00	68.00	1.00	262075	0.031	Sericitic alteration	3%	
68.00	69.22	1.22	262076	0.037	Sericitic alteration	5%	30cm mafic dike at 68.35m

69.22	70.00	0.78	262077	0.031	Sericitic alteration	4%	
70.00	71.00	1.00	262078	0.165	Sericitic alteration	5%	
71.00	72.00	1.00	262079	0.011	Sericitic alteration	5%	
72.00	72.90	0.90	262080	0.012	Sericitic alteration	3%	
72.90	74.00	1.10	262081	0.065	Sericitic alteration	5%	
74.00	75.18	1.18	262082	0.119	Sericitic alteration	4%	
75.18	76.04	0.86	262083	0.028	Sericitic alteration	3%	
76.04	77.05	1.01	262085	0.033	Sericitic alteration	4%	
77.05	78.00	0.95	262086	0.036	Sericitic alteration	3%	
78.00	79.12	1.12	262087	0.028	Sericitic alteration	3%	
79.12	80.00	0.88	262088	0.059	Sericitic alteration	4%	
80.00	81.25	1.25	262089	0.053	Sericitic alteration	7%	
81.25	82.00	0.75	262091	0.038	Sericitic alteration	3%	
82.00	83.00	1.00	262092	0.017	Sericitic alteration	4%	
83.00	84.00	1.00	262093	0.162	Sericitic alteration	3%	
84.00	85.01	1.01	262094	0.020	Sericitic alteration	5%	
85.01	86.00	0.99	262095	0.094	Sericitic alteration	3%	
86.00	87.00	1.00	262097	0.019	Sericitic alteration	5%	
87.00	88.00	1.00	262098	0.052	Sericitic alteration	7%	
88.00	89.00	1.00	262099	0.016	Sericitic alteration	3%	
89.00	89.51	0.51	262100	0.065	Sericitic alteration	12%	
89.51	90.93	1.42	262101	0.058	Sericitic alteration	5%	
90.93	92.00	1.07	262102	0.024	Sericitic alteration	5%	
92.00	93.00	1.00	262103	0.005	Sericitic alteration	3%	
93.00	94.00	1.00	262104	0.005	Sericitic alteration	2%	
94.00	95.00	1.00	262105	0.011	Sericitic alteration	1%	
95.00	96.00	1.00	262106	0.037	Sericitic alteration	2%	
96.00	97.00	1.00	262107	0.082	Sericitic alteration	2%	
97.00	97.93	0.93	262108	0.393	Sericitic alteration	2%	
97.93	99.00	1.07	262109	0.015	Sericitic alteration	2%	
99.00	100.02	1.02	262111	0.023	Sericitic alteration	1%	
100.02	101.00	0.98	262113	0.029	Sericitic alteration	4%	
101.00	102.00	1.00	262114	0.005	Sericitic alteration	2%	
102.00	103.00	1.00	262115	0.009	Sericitic alteration	1%	
103.00	104.00	1.00	262116	0.017	Sericitic alteration	3%	
104.00	105.00	1.00	262117	0.025	Sericitic alteration	1%	
105.00	106.32	1.32	262118	0.052	Sericitic alteration	1%	25cm with Diabase in sample

From	To	Lithologic Group					
106.32	107.13	Diabase					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
106.32	107.13	0.81	262119	0.005	Epidote alteration	0%	fine grained, plagioclase phyric, massive, dark grey

From	To	Lithologic Group					
107.13	125.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
107.13	108.00	0.87	262120	0.081	Sericitic alteration	1%	medium grained, massive, light grey, equigranular
108.00	109.00	1.00	262121	0.042	Sericitic alteration	2%	
109.00	110.00	1.00	262122	0.170	Sericitic alteration	4%	
110.00	111.00	1.00	262123	0.132	Sericitic alteration	2%	
111.00	112.00	1.00	262125	0.143	Sericitic alteration	2%	
112.00	113.00	1.00	262126	0.398	Sericitic alteration	1%	
113.00	114.00	1.00	262127	0.281	Sericitic alteration	2%	
114.00	115.00	1.00	262128	0.192	Sericitic alteration	1%	
115.00	116.11	1.11	262129	0.525	Sericitic alteration	4%	
116.11	117.00	0.89	262131	0.979	Sericitic alteration	3%	
117.00	118.00	1.00	262132	0.817	Sericitic alteration	4%	
118.00	119.00	1.00	262133	0.426	Sericitic alteration	2%	
119.00	120.00	1.00	262134	0.828	Sericitic alteration	4%	
120.00	121.00	1.00	262135	1.213	Sericitic alteration	2%	
121.00	121.95	0.95	262137	0.435	Sericitic alteration	3%	
121.95	123.00	1.05	262138	1.174	Sericitic alteration	3%	
123.00	124.00	1.00	262139	0.937	Sericitic alteration	5%	
124.00	125.00	1.00	262140	3.340	Sericitic alteration	5%	
From	To	Lithologic Group					
125.00	126.30	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
125.00	126.30	1.30	262141	1.120	Sericitic alteration	8%	foliated, medium grained, dark grey, equigranular
From	To	Lithologic Group					
126.30	147.40	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
126.30	127.00	0.70	262142	2.586	Sericitic alteration	2%	medium grained, massive, light great, equigranular
127.00	128.00	1.00	262143	1.727	Sericitic alteration	2%	
128.00	129.00	1.00	262144	0.626	Sericitic alteration	3%	
129.00	130.00	1.00	262145	0.663	Sericitic alteration	4%	
130.00	130.79	0.79	262146	1.147	Sericitic alteration	3%	
130.79	132.00	1.21	262147	1.919	Sericitic alteration	5%	
132.00	133.00	1.00	262149	0.356	Sericitic alteration	2%	
133.00	134.00	1.00	262151	0.346	Silicified	1%	
134.00	135.00	1.00	262152	0.384	Sericitic alteration	3%	
135.00	136.00	1.00	262153	1.348	Silicified	3%	
136.00	137.00	1.00	262154	0.787	Silicified	5%	
137.00	137.95	0.95	262155	0.434	Sericitic alteration	3%	

137.95	139.00	1.05	262156	0.015	Sericitic alteration	11%	
139.00	140.00	1.00	262157	0.140	Sericitic alteration	3%	
140.00	141.00	1.00	262158	0.116	Sericitic alteration	4%	x L.G
141.00	142.00	1.00	262159	0.041	Sericitic alteration	4%	x
142.00	143.00	1.00	262161	0.069	Silicified	5%	x
143.00	144.00	1.00	262162	0.020	Silicified	5%	x
144.00	145.00	1.00	262163	0.026	Silicified	5%	x
145.00	146.00	1.00	262164	0.039	Silicified	4%	x
146.00	147.40	1.40	262165	0.093	Silicified	2%	x

From	To	Lithologic Group					
147.40	147.90	Diabase					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
147.40	147.90	0.50	262166	0.005	Unaltered	0%	x

From	To	Lithologic Group					
147.90	187.50	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
147.90	149.00	1.10	262167	0.017	Silicified	3%	x
149.00	150.00	1.00	262168	0.015	Silicified	2%	x
150.00	151.00	1.00	262169	0.034	Silicified	2%	x
151.00	152.00	1.00	262171	0.087	Silicified	3%	x
152.00	153.00	1.00	262173	0.027	Silicified	4%	x
153.00	154.00	1.00	262174	0.060	Silicified	3%	x
154.00	155.00	1.00	262175	0.021	Silicified	1%	x
155.00	156.00	1.00	262176	0.021	Silicified	4%	x
156.00	157.00	1.00	262177	0.027	Silicified	2%	x
157.00	158.00	1.00	262178	0.009	Silicified	2%	x
158.00	159.00	1.00	262179	0.037	Silicified	2%	x
159.00	160.00	1.00	262180	0.119	Silicified	2%	x
160.00	161.00	1.00	262181	0.023	Silicified	5%	x
161.00	162.00	1.00	262182	0.053	Silicified	2%	x
162.00	163.00	1.00	262183	0.026	Silicified	2%	x
163.00	164.00	1.00	262185	0.051	Silicified	2%	x
164.00	165.00	1.00	262186	0.085	Silicified	2%	x
165.00	166.00	1.00	262187	0.064	Silicified	3%	x
166.00	167.00	1.00	262188	0.058	Silicified	2%	x
167.00	168.00	1.00	262189	0.102	Silicified	4%	x
168.00	169.00	1.00	262190	0.045	Silicified	2%	x
169.00	170.00	1.00	262191	0.044	Silicified	4%	x
170.00	171.00	1.00	262192	0.091	Silicified	7%	x
171.00	172.00	1.00	262193	0.059	Silicified	2%	x
172.00	173.00	1.00	262194	0.286	Sericitic alteration	8%	x
173.00	174.00	1.00	262195	0.077	Sericitic alteration	6%	x

174.00	175.00	1.00	262197	0.093	Sericitic alteration	10%	x
175.00	176.00	1.00	262198	0.777	Sericitic alteration	6%	x
176.00	177.00	1.00	262199	0.169	Sericitic alteration	10%	x
177.00	178.00	1.00	262200	0.257	Sericitic alteration	8%	x
178.00	179.00	1.00	262201	0.073	Sericitic alteration	20%	x
179.00	180.00	1.00	262202	0.015	Silicified	3%	x
180.00	181.00	1.00	262203	0.047	Silicified	4%	x
181.00	182.00	1.00	262204	0.067	Silicified	3%	x
182.00	183.00	1.00	262205	0.093	Silicified	4%	x
183.00	184.00	1.00	262206	0.263	Silicified	7%	x
184.00	185.00	1.00	262207	0.133	Silicified	7%	x
185.00	186.00	1.00	262208	0.112	Silicified	4%	x
186.00	187.50	1.50	262209	0.043	Silicified	5%	x

From	To	Lithologic Group					
187.50	192.00	Quartz diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
187.50	189.00	1.50	262211	0.022	Chloritic alteration	4%	x
189.00	190.00	1.00	262213	0.005	Chloritic alteration	4%	x
190.00	191.00	1.00	262214	0.018	Chloritic alteration	3%	x
191.00	192.00	1.00	262215	0.019	Chloritic alteration	5%	x

From	To	Lithologic Group					
192.00	195.00	Quartz Diorite Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
192.00	193.00	1.00	262216	0.028	Chloritic alteration	4%	x
193.00	194.00	1.00	262217	0.021	Chloritic alteration	3%	x
194.00	195.00	1.00	262218	0.292	Chloritic alteration	3%	x

From	To	Lithologic Group					
195.00	199.50	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
195.00	196.00	1.00	262219	0.043	Sericitic alteration	2%	x
196.00	197.00	1.00	262220	0.180	Sericitic alteration	2%	x
197.00	198.00	1.00	262221	0.169	Sericitic alteration	2%	x
198.00	199.50	1.50	262222	0.636	Sericitic alteration	2%	x

DRILL HOLE REPORT

Drill Hole **GOS21-65** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 329.0
 Dip -66.0
 Length 426.0 m
 Started 11-Feb-21
 Completed 24-Feb-21
 Logged 26-Feb-21
 Logged by Caitlin Beland

Company
 Contractor Chenier Drilling Ltd
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing NONE
 Condition Cemented

Survey Details:

Claim Number MLO-10658
 Property Chester 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool SURV

Coordinates:

Target Easting 430931.09
 Comments UTM Datum NAD83 Northing 5267695.41
 UTM Zone 17 Elevation 380.71

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
25.0	328.62	-65.71		RM	Good	69.0	329.76	-65.76		RM	Good
42.0	329.62	-65.63		RM	Good	72.0	329.73	-65.91		RM	Good
45.0	329.46	-65.63		RM	Good	75.0	329.77	-65.95		RM	Good
48.0	329.45	-65.67		RM	Good	78.0	329.76	-65.98		RM	Good
51.0	329.27	-65.69		RM	Good	81.0	330.07	-65.69		RM	Good
52.0	329.55	-66.12		RM	Good	84.0	329.89	-66.00		RM	Good
54.0	329.03	-65.72		RM	Good	87.0	329.97	-66.02		RM	Good
57.0	329.64	-65.79		RM	Good	90.0	330.05	-66.06		RM	Good
63.0	329.74	-65.82		RM	Good	93.0	330.17	-66.05		RM	Good
66.0	329.69	-65.88		RM	Good	96.0	330.38	-66.08		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
99.0	330.52	-66.11		RM	Good
100.0	331.52	-66.27		RM	Good
102.0	330.28	-66.14		RM	Good
105.0	330.73	-66.09		RM	Good
108.0	330.79	-66.14		RM	Good
111.0	330.94	-66.23		RM	Good
114.0	331.04	-66.26		RM	Good
117.0	331.16	-66.26		RM	Good
120.0	331.22	-66.28		RM	Good
123.0	331.29	-66.25		RM	Good
126.0	331.29	-66.35		RM	Good
129.0	331.36	-66.36		RM	Good
132.0	331.58	-66.30		RM	Good
135.0	331.76	-66.29		RM	Good
138.0	331.82	-66.35		RM	Good
141.0	332.02	-66.41		RM	Good
144.0	332.27	-66.37		RM	Good
147.0	332.24	-66.39		RM	Good
150.0	332.64	-66.42		RM	Good
153.0	332.72	-66.43		RM	Good
156.0	332.88	-66.42		RM	Good
159.0	332.96	-66.45		RM	Good
162.0	333.14	-66.44		RM	Good
165.0	333.30	-66.40		RM	Good
168.0	333.48	-66.41		RM	Good
171.0	333.63	-66.36		RM	Good
174.0	333.90	-66.35		RM	Good
177.0	334.05	-66.37		RM	Good
180.0	334.26	-66.39		RM	Good
183.0	334.41	-66.41		RM	Good
186.0	334.69	-66.34		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
189.0	334.97	-66.34		RM	Good
192.0	334.91	-66.46		RM	Good
195.0	335.26	-66.35		RM	Good
198.0	335.38	-66.34		RM	Good
201.0	335.64	-66.47		RM	Good
204.0	335.60	-66.24		RM	Good
207.0	335.68	-66.24		RM	Good
210.0	335.71	-66.22		RM	Good
213.0	335.91	-66.21		RM	Good
216.0	335.91	-66.20		RM	Good
219.0	336.02	-66.20		RM	Good
222.0	336.01	-66.23		RM	Good
225.0	335.76	-66.27		RM	Good
228.0	336.15	-66.25		RM	Good
231.0	336.36	-66.26		RM	Good
234.0	336.37	-66.27		RM	Good
237.0	336.65	-66.35		RM	Good
240.0	336.92	-66.35		RM	Good
243.0	336.94	-66.35		RM	Good
246.0	337.08	-66.36		RM	Good
249.0	337.09	-66.39		RM	Good
252.0	337.28	-66.38		RM	Good
255.0	336.81	-66.35		RM	Good
258.0	337.36	-66.24		RM	Good
261.0	337.76	-66.39		RM	Good
264.0	337.65	-66.47		RM	Good
267.0	337.63	-66.43		RM	Good
270.0	337.88	-66.43		RM	Good
273.0	338.25	-66.42		RM	Good
276.0	338.26	-66.45		RM	Good
279.0	338.30	-66.45		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
282.0	338.37	-66.49		RM	Good
285.0	338.41	-66.46		RM	Good
288.0	338.33	-66.49		RM	Good
291.0	338.50	-66.51		RM	Good
294.0	338.60	-66.48		RM	Good
297.0	338.45	-66.46		RM	Good
300.0	338.51	-66.41		RM	Good
303.0	338.65	-66.38		RM	Good
306.0	338.14	-66.41		RM	Good
309.0	338.65	-66.45		RM	Good
312.0	338.62	-66.40		RM	Good
315.0	338.65	-66.41		RM	Good
318.0	338.60	-66.45		RM	Good
321.0	338.79	-66.49		RM	Good
324.0	338.84	-66.50		RM	Good
327.0	338.78	-66.50		RM	Good
330.0	338.85	-66.53		RM	Good
333.0	339.46	-66.55		RM	Good
336.0	340.18	-66.56		RM	Good
339.0	339.30	-66.56		RM	Good
342.0	338.88	-66.56		RM	Good
345.0	339.57	-66.54		RM	Good
348.0	339.70	-66.55		RM	Good
351.0	339.53	-66.56		RM	Good
354.0	339.01	-66.56		RM	Good
357.0	339.17	-66.54		RM	Good
360.0	339.32	-66.56		RM	Good
363.0	339.45	-66.57		RM	Good
366.0	339.39	-66.59		RM	Good
369.0	339.56	-66.59		RM	Good
372.0	339.70	-66.59		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
375.0	339.72	-66.60		RM	Good
378.0	339.89	-66.55		RM	Good
381.0	339.88	-66.58		RM	Good
384.0	340.10	-66.58		RM	Good
387.0	340.15	-66.62		RM	Good
390.0	340.27	-66.59		RM	Good
393.0	340.12	-66.60		RM	Good
396.0	338.11	-66.60		RM	Good
399.0	340.19	-66.61		RM	Good
402.0	340.31	-66.57		RM	Good
405.0	340.24	-66.57		RM	Good
408.0	340.24	-66.54		RM	Good
411.0	340.28	-66.54		RM	Good
414.0	340.35	-66.53		RM	Good
417.0	340.46	-66.51		RM	Good
420.0	340.49	-66.51		RM	Good
423.0	340.44	-66.39		RM	Good
426.0	340.24	-66.72		RM	Good

From	To	Lithologic Group					
0.00	18.00	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	18.00	18.00			Unaltered		
From	To	Lithologic Group					
18.00	19.95	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
18.00	19.00	1.00	1078551	0.016	Sericitic alteration	12%	fine grained, equigranular, non-magnetic, light grey
19.00	19.95	0.95	1078552	0.023	Sericitic alteration	6%	
From	To	Lithologic Group					
19.95	21.50	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
19.95	21.00	1.05	1078553	0.040	Biotitic alteration	1%	porphyritic (in qtz), medium grained, non magnetic rock. Sharp contacts
21.00	21.50	0.50	1078554	0.037	Biotitic alteration	1%	
From	To	Lithologic Group					
21.50	26.22	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
21.50	23.00	1.50	1078555	0.009	Sericitic alteration	2%	
23.00	24.00	1.00	1078556	0.021	Sericitic alteration	4%	
24.00	25.00	1.00	1078557	0.091	Sericitic alteration	1%	
25.00	26.22	1.22	1078558	1.234	Sericitic alteration	3%	
From	To	Lithologic Group					
26.22	68.00	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
26.22	27.00	0.78	1078559	0.778	Biotitic alteration	25%	medium grained, massive, non-magnetic
27.00	28.00	1.00	1078562	0.013	Chloritic alteration	2%	
28.00	29.00	1.00	1078563	0.408	Chloritic alteration	1%	
29.00	30.00	1.00	1078564	0.016	Chloritic alteration	2%	
30.00	31.00	1.00	1078565	0.010	Chloritic alteration	1%	
31.00	32.00	1.00	1078566	2.752	Chloritic alteration	1%	
32.00	33.20	1.20	1078567	0.013	Chloritic alteration	3%	
33.20	34.25	1.05	1078568	0.010	Biotitic alteration	8%	sheared
34.25	35.00	0.75	1078569	0.009	Chloritic alteration	0%	
35.00	36.00	1.00	1078571	0.011	Chloritic alteration	1%	
36.00	37.00	1.00	1078573	0.005	Chloritic alteration	1%	weakly sheared weakly sheared

37.00	38.00	1.00	1078574	0.005	Chloritic alteration	2%	weakly sheared
38.00	39.00	1.00	1078575	0.005	Chloritic alteration	1%	weakly sheared
39.00	40.00	1.00	1078576	0.008	Chloritic alteration	1%	weakly sheared
40.00	41.35	1.35	1078577	0.153	Chloritic alteration	5%	sheared
41.35	42.00	0.65	1078578	0.062	Biotitic alteration	1%	sheared
42.00	43.00	1.00	1078579	0.012	Chloritic alteration	1%	
43.00	44.00	1.00	1078580	0.008	Chloritic alteration	2%	
44.00	45.00	1.00	1078581	0.011	Chloritic alteration	2%	
45.00	46.00	1.00	1078582	0.017	Chloritic alteration	2%	
46.00	47.00	1.00	1078583	0.031	Chloritic alteration	2%	
47.00	48.00	1.00	1078585	0.005	Chloritic alteration	3%	
48.00	49.00	1.00	1078586	0.013	Chloritic alteration	3%	
49.00	50.10	1.10	1078587	0.245	Biotitic alteration	12%	
50.10	51.00	0.90	1078588	0.053	Chloritic alteration	1%	
51.00	52.00	1.00	1078589	0.005	Chloritic alteration	0%	
52.00	53.00	1.00	1078591	0.026	Chloritic alteration	8%	
53.00	54.00	1.00	1078592	0.005	Chloritic alteration	0%	
54.00	55.00	1.00	1078593	0.005	Chloritic alteration	1%	
55.00	56.00	1.00	1078594	0.006	Chloritic alteration	1%	
56.00	57.00	1.00	1078595	0.077	Chloritic alteration	2%	
57.00	58.00	1.00	1078597	0.007	Chloritic alteration	0%	
58.00	59.00	1.00	1078598	0.005	Chloritic alteration	0%	
59.00	60.00	1.00	1078599	0.012	Chloritic alteration	1%	
60.00	61.00	1.00	1078600	0.092	Chloritic alteration	0%	
61.00	62.00	1.00	1078601	0.359	Chloritic alteration	2%	
62.00	63.00	1.00	1078602	0.184	Chloritic alteration	3%	
63.00	64.00	1.00	1078603	0.374	Chloritic alteration	1%	
64.00	65.00	1.00	1078604	0.014	Chloritic alteration	1%	
65.00	66.00	1.00	1078605	0.027	Chloritic alteration	1%	
66.00	67.00	1.00	1078606	0.006	Chloritic alteration	0%	
67.00	68.00	1.00	1078607	0.006	Chloritic alteration	0%	

From	To	Lithologic Group					
68.00	69.00	Quartz diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
68.00	69.00	1.00	1078608	0.040	Chloritic alteration	0%	

From	To	Lithologic Group					
69.00	77.00	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
69.00	70.00	1.00	1078609	0.034	Chloritic alteration	0%	
70.00	71.00	1.00	1078611	0.070	Chloritic alteration	1%	
71.00	72.00	1.00	1078613	0.092	Chloritic alteration	1%	
72.00	73.00	1.00	1078614	0.115	Chloritic alteration	1%	

73.00	74.00	1.00	1078615	0.231	Chloritic alteration	5%	
74.00	75.00	1.00	1078616	0.060	Chloritic alteration	3%	
75.00	76.00	1.00	1078617	0.153	Chloritic alteration	1%	
76.00	77.00	1.00	1078618	0.012	Chloritic alteration	0%	
From	To		Lithologic Group				
77.00	79.00		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
77.00	78.00	1.00	1078619	0.499	Chloritic alteration	0%	
78.00	79.00	1.00	1078620	0.026	Chloritic alteration	0%	
From	To		Lithologic Group				
79.00	86.00		Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
79.00	80.00	1.00	1078621	0.157	Chloritic alteration	3%	
80.00	81.00	1.00	1078622	0.029	Chloritic alteration	1%	
81.00	82.00	1.00	1078623	0.021	Chloritic alteration	5%	
82.00	83.00	1.00	1078625	0.008	Chloritic alteration	2%	
83.00	84.00	1.00	1078626	0.018	Chloritic alteration	0%	
84.00	85.00	1.00	1078627	0.049	Chloritic alteration	0%	
85.00	86.00	1.00	1078628	0.047	Chloritic alteration	0%	
From	To		Lithologic Group				
86.00	87.00		Diorite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
86.00	87.00	1.00	1078629	0.040	Chloritic alteration	0%	1x 20 cm angular QDR block in DR matrix
From	To		Lithologic Group				
87.00	88.05		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
87.00	88.05	1.05	1078631	0.092	Biotitic alteration	3%	
From	To		Lithologic Group				
88.05	100.00		Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
88.05	89.00	0.95	1078632	0.030	Biotitic alteration	0%	
89.00	90.00	1.00	1078633	0.124	Biotitic alteration	0%	
90.00	91.00	1.00	1078634	0.051	Biotitic alteration	2%	
91.00	92.00	1.00	1078635	0.033	Biotitic alteration	4%	
92.00	93.00	1.00	1078637	0.104	Biotitic alteration	0%	
93.00	94.00	1.00	1078638	0.057	Biotitic alteration	0%	
94.00	95.00	1.00	1078639	0.122	Biotitic alteration	1%	
95.00	96.00	1.00	1078640	0.230	Biotitic alteration	1%	
96.00	96.90	0.90	1078641	0.256	Biotitic alteration	1%	
96.90	98.00	1.10	1078642	0.042	Biotitic alteration	1%	
98.00	99.00	1.00	1078643	0.097	Biotitic alteration	2%	

99.00	100.00	1.00	1078644	0.039	Biotitic alteration	1%	
From 100.00	To 103.00		Lithologic Group Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
100.00	100.80	0.80	1078645	0.057	Biotitic alteration	0%	
100.80	102.00	1.20	1078646	0.045	Biotitic alteration	1%	
102.00	103.00	1.00	1078647	0.037	Biotitic alteration	1%	
From 103.00	To 103.50		Lithologic Group Quartz Diorite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
103.00	103.50	0.50	1078649	0.053	Biotitic alteration	0%	DR fragments in QDR matrix, 40% fragments
From 103.50	To 107.00		Lithologic Group Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
103.50	105.00	1.50	1078651	0.011	Biotitic alteration	0%	
105.00	106.00	1.00	1078652	0.205	Biotitic alteration	0%	
106.00	107.00	1.00	1078653	0.305	Biotitic alteration	1%	
From 107.00	To 108.30		Lithologic Group Quartz Diorite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
107.00	108.30	1.30	1078654	0.402	Biotitic alteration	2%	DR fragments in QDR matrix, 30% fragments
From 108.30	To 110.00		Lithologic Group Tonalite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
108.30	109.00	0.70	1078655	1.220	Sericitic alteration	1%	DR fragments in Ton matrix, 25% fragments
109.00	110.00	1.00	1078656	1.316	Sericitic alteration	3%	DR fragments in Ton matrix, 10% fragments
From 110.00	To 111.05		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
110.00	111.05	1.05	1078657	2.167	Sericitic alteration	2%	
From 111.05	To 112.90		Lithologic Group Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
111.05	112.00	0.95	1078658	0.581	Sericitic alteration	6%	
112.00	112.90	0.90	1078659	0.130	Sericitic alteration	1%	
From 112.90	To 114.25		Lithologic Group Diorite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

112.90	114.25	1.35	1078661	0.694	Sericitic alteration	5%	Ton frags in DR matrix, 45% fragments; DR strongly overprinted;
From	To		Lithologic Group				
114.25	115.50		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
114.25	115.50	1.25	1078662	0.231	Sericitic alteration	1%	
From	To		Lithologic Group				
115.50	116.20		Diorite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
115.50	116.20	0.70	1078663	0.272	Sericitic alteration	1%	Ton frags in DR matrix, 60% fragments; DR strongly overprinted;
From	To		Lithologic Group				
116.20	117.00		Tonalite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
116.20	117.00	0.80	1078664	1.102	Sericitic alteration	2%	DR frags in Ton matrix; 10% fragments;
From	To		Lithologic Group				
117.00	254.80		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
117.00	118.00	1.00	1078665	0.777	Silicified	1%	
118.00	119.00	1.00	1078666	0.270	Silicified	2%	
119.00	120.00	1.00	1078667	0.146	Silicified	2%	
120.00	121.00	1.00	1078668	0.271	Silicified	1%	
121.00	122.00	1.00	1078669	0.072	Silicified	1%	
122.00	123.00	1.00	1078671	0.054	Silicified	1%	
123.00	124.00	1.00	1078673	0.054	Silicified	1%	
124.00	125.00	1.00	1078674	0.043	Silicified	2%	
125.00	126.00	1.00	1078675	0.053	Silicified	1%	
126.00	127.00	1.00	1078676	0.110	Silicified	2%	
127.00	128.00	1.00	1078677	0.052	Silicified	1%	
128.00	129.00	1.00	1078678	0.015	Silicified	1%	
129.00	130.00	1.00	1078679	0.013	Silicified	2%	
130.00	131.00	1.00	1078680	0.042	Silicified	1%	
131.00	132.00	1.00	1078681	0.246	Silicified	1%	
132.00	133.00	1.00	1078682	0.126	Silicified	1%	
133.00	134.00	1.00	1078683	0.085	Silicified	1%	
134.00	135.00	1.00	1078685	0.148	Silicified	2%	
135.00	136.00	1.00	1078686	0.076	Silicified	2%	
136.00	137.00	1.00	1078687	0.126	Silicified	1%	
137.00	138.00	1.00	1078688	0.118	Silicified	1%	
138.00	139.00	1.00	1078689	0.130	Silicified	1%	

139.00	140.00	1.00	1078691	0.060	Silicified	1%
140.00	141.00	1.00	1078692	0.097	Silicified	2%
141.00	141.80	0.80	1078693	0.130	Silicified	1%
141.80	142.50	0.70	1078694	0.080	Silicified	2%
142.50	143.30	0.80	1078695	0.020	Sericitic alteration	10%
143.30	144.00	0.70	1078697	0.286	Sericitic alteration	2%
144.00	145.00	1.00	1078698	0.059	Silicified	1%
145.00	146.00	1.00	1078699	0.126	Sericitic alteration	1%
146.00	147.00	1.00	1078700	0.036	Sericitic alteration	1%
147.00	148.00	1.00	1078701	0.039	Silicified	1%
148.00	149.00	1.00	1078702	0.028	Silicified	1%
149.00	150.00	1.00	1078703	0.345	Silicified	2%
150.00	151.00	1.00	1078704	0.061	Silicified	8%
151.00	152.00	1.00	1078705	0.180	Silicified	1%
152.00	153.00	1.00	1078706	0.513	Silicified	1%
153.00	154.00	1.00	1078707	0.091	Silicified	1%
154.00	155.00	1.00	1078708	0.148	Silicified	1%
155.00	156.00	1.00	1078709	0.295	Silicified	1%
156.00	157.00	1.00	1078711	0.149	Sericitic alteration	2%
157.00	158.00	1.00	1078713	0.235	Sericitic alteration	4%
158.00	158.80	0.80	1078714	0.566	Sericitic alteration	2%
158.80	159.80	1.00	1078715	0.055	Sericitic alteration	1%
159.80	160.85	1.05	1078716	0.033	Silicified	3%
160.85	162.00	1.15	1078717	0.172	Silicified	1%
162.00	163.00	1.00	1078718	0.117	Silicified	1%
163.00	164.00	1.00	1078719	0.272	Sericitic alteration	2%
164.00	165.00	1.00	1078720	0.798	Silicified	2%
165.00	166.00	1.00	1078721	0.216	Silicified	3%
166.00	167.00	1.00	1078722	0.045	Silicified	1%
167.00	168.00	1.00	1078723	0.085	Silicified	3%
168.00	168.95	0.95	1078725	0.032	Silicified	2%
168.95	170.00	1.05	1078726	0.035	Silicified	5%
170.00	171.00	1.00	1078727	0.048	Silicified	3%
171.00	172.00	1.00	1078728	0.036	Silicified	2%
172.00	173.00	1.00	1078729	0.062	Silicified	3%
173.00	174.00	1.00	1078731	0.418	Silicified	2%
174.00	175.00	1.00	1078732	0.050	Silicified	10%
175.00	176.00	1.00	1078733	0.168	Silicified	5%
176.00	177.00	1.00	1078734	0.074	Sericitic alteration	3%
177.00	178.00	1.00	1078735	0.041	Sericitic alteration	2%
178.00	179.00	1.00	1078737	0.105	Silicified	1%
179.00	180.00	1.00	1078738	0.060	Sericitic alteration	2%

180.00	181.00	1.00	1078739	0.011	Silicified	1%
181.00	182.00	1.00	1078740	0.024	Silicified	1%
182.00	183.00	1.00	1078741	0.074	Silicified	3%
183.00	184.00	1.00	1078742	0.011	Silicified	2%
184.00	185.30	1.30	1078743	0.123	Sericitic alteration	1%
185.30	186.00	0.70	1078744	0.226	Silicified	2%
186.00	187.00	1.00	1078745	0.272	Silicified	1%
187.00	188.00	1.00	1078746	0.291	Silicified	8%
188.00	189.00	1.00	1078747	0.036	Silicified	2%
189.00	190.00	1.00	1078749	0.419	Silicified	1%
190.00	191.00	1.00	1078751	0.155	Silicified	2%
191.00	192.00	1.00	1078752	0.494	Silicified	10%
192.00	193.00	1.00	1078753	0.050	Sericitic alteration	35%
193.00	194.00	1.00	1078754	0.583	Silicified	2%
194.00	195.00	1.00	1078755	0.585	Sericitic alteration	1%
195.00	196.05	1.05	1078756	0.618	Sericitic alteration	2%
196.05	197.00	0.95	1078757	0.534	Sericitic alteration	2%
197.00	198.00	1.00	1078758	0.166	Sericitic alteration	2%
198.00	199.00	1.00	1078759	0.124	Silicified	1%
199.00	200.00	1.00	1078761	0.384	Silicified	1%
200.00	201.00	1.00	1078762	0.249	Silicified	3%
201.00	202.00	1.00	1078763	0.364	Silicified	1%
202.00	203.00	1.00	1078764	0.334	Silicified	2%
203.00	204.00	1.00	1078765	0.165	Silicified	3%
204.00	205.00	1.00	1078766	0.141	Silicified	1%
205.00	206.00	1.00	1078767	0.060	Silicified	2%
206.00	207.00	1.00	1078768	0.109	Silicified	1%
207.00	208.50	1.50	1078769	0.203	Silicified	1%
208.50	210.00	1.50	1078771	2.598	Sericitic alteration	3%
210.00	211.00	1.00	1078773	1.086	Sericitic alteration	1%
211.00	212.00	1.00	1078774	0.062	Sericitic alteration	2%
212.00	213.00	1.00	1078775	0.217	Sericitic alteration	1%
213.00	214.05	1.05	1078776	0.096	Silicified	2%
214.05	215.05	1.00	1078777	0.841	Sericitic alteration	5%
215.05	216.00	0.95	1078778	0.102	Sericitic alteration	1%
216.00	217.00	1.00	1078779	0.113	Sericitic alteration	2%
217.00	218.00	1.00	1078780	0.115	Sericitic alteration	2%
218.00	219.00	1.00	1078781	1.196	Sericitic alteration	2%
219.00	220.00	1.00	1078782	0.109	Sericitic alteration	2%
220.00	221.00	1.00	1078783	0.213	Sericitic alteration	1%
221.00	222.00	1.00	1078785	0.610	Sericitic alteration	3%
222.00	223.00	1.00	1078786	0.272	Sericitic alteration	1%

223.00	224.00	1.00	1078787	0.108	Sericitic alteration	2%
224.00	225.00	1.00	1078788	0.114	Silicified	1%
225.00	226.00	1.00	1078789	0.110	Sericitic alteration	1%
226.00	226.70	0.70	1078791	0.087	Silicified	1%
226.70	227.50	0.80	1078792	0.110	Sericitic alteration	1%
227.50	228.30	0.80	1078793	0.101	Sericitic alteration	2%
228.30	229.25	0.95	1078794	0.232	Sericitic alteration	1%
229.25	230.00	0.75	1078795	0.195	Sericitic alteration	1%
230.00	231.00	1.00	1078797	0.109	Sericitic alteration	2%
231.00	232.00	1.00	1078798	0.153	Sericitic alteration	1%
232.00	233.00	1.00	1078799	0.078	Sericitic alteration	2%
233.00	234.00	1.00	1078800	0.204	Sericitic alteration	1%
234.00	235.00	1.00	1078801	0.105	Sericitic alteration	2%
235.00	236.00	1.00	1078802	0.055	Sericitic alteration	1%
236.00	237.00	1.00	1078803	0.069	Sericitic alteration	2%
237.00	238.00	1.00	1078804	0.205	Sericitic alteration	1%
238.00	238.50	0.50	1078805	0.251	Silicified	1%
238.50	239.00	0.50	1078806	0.205	Sericitic alteration	2%
239.00	240.00	1.00	1078807	0.097	Sericitic alteration	1%
240.00	241.00	1.00	1078808	0.114	Sericitic alteration	2%
241.00	242.00	1.00	1078809	1.056	Sericitic alteration	2%
242.00	243.30	1.30	1078811	0.089	Sericitic alteration	1%
243.30	244.00	0.70	1078813	0.127	Sericitic alteration	2%
244.00	245.30	1.30	1078814	1.423	Sericitic alteration	3%
245.30	246.00	0.70	1078815	0.614	Sericitic alteration	25%
246.00	247.00	1.00	1078816	0.178	Sericitic alteration	1%
247.00	248.00	1.00	1078817	0.256	Sericitic alteration	1%
248.00	249.00	1.00	1078818	0.297	Sericitic alteration	2%
249.00	250.00	1.00	1078819	0.090	Sericitic alteration	1%
250.00	251.00	1.00	1078820	0.095	Sericitic alteration	2%
251.00	252.00	1.00	1078821	0.067	Sericitic alteration	1%
252.00	253.00	1.00	1078822	0.116	Sericitic alteration	1%
253.00	253.85	0.85	1078823	0.155	Sericitic alteration	1%
253.85	254.80	0.95	1078825	0.813	Silicified	1%

From	To	Lithologic Group				
254.80	255.80	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
254.80	255.80	1.00	1078826	0.123	Biotitic alteration	3%	

From	To	Lithologic Group				
255.80	263.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
255.80	257.00	1.20	1078827	0.091	Sericitic alteration	2%	

257.00	258.00	1.00	1078828	0.058	Sericitic alteration	1%
258.00	259.00	1.00	1078829	0.059	Sericitic alteration	1%
259.00	260.00	1.00	1078831	0.232	Sericitic alteration	1%
260.00	260.80	0.80	1078832	0.458	Sericitic alteration	1%
260.80	261.35	0.55	1078833	4.260	Silicified	1%
261.35	262.00	0.65	1078834	0.289	Sericitic alteration	1%
262.00	263.00	1.00	1078835	0.398	Sericitic alteration	11%

From	To	Lithologic Group				
263.00	264.65	Lamprophyre Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
263.00	264.00	1.00	1078837	0.008	Biotitic alteration	1%	
264.00	264.65	0.65	1078838	0.051	Biotitic alteration	1%	

From	To	Lithologic Group				
264.65	288.20	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
264.65	265.30	0.65	1078839	1.973	Sericitic alteration	1%	sulfides concentrated at contact with lamdk
265.30	266.00	0.70	1078840	1.308	Sericitic alteration	1%	
266.00	267.00	1.00	1078841	2.126	Sericitic alteration	1%	
267.00	268.00	1.00	1078842	4.190	Sericitic alteration	1%	
268.00	268.95	0.95	1078843	0.183	Sericitic alteration	2%	
268.95	270.00	1.05	1078844	0.699	Sericitic alteration	3%	
270.00	271.00	1.00	1078845	0.217	Sericitic alteration	1%	
271.00	272.00	1.00	1078846	0.359	Sericitic alteration	2%	
272.00	273.00	1.00	1078847	0.209	Sericitic alteration	2%	
273.00	274.00	1.00	1078849	0.225	Sericitic alteration	3%	
274.00	275.00	1.00	1078851	0.135	Sericitic alteration	2%	
275.00	276.00	1.00	1078852	0.211	Sericitic alteration	1%	
276.00	277.00	1.00	1078853	0.550	Sericitic alteration	1%	
277.00	278.00	1.00	1078854	0.216	Sericitic alteration	2%	
278.00	279.00	1.00	1078855	0.268	Silicified	2%	
279.00	280.00	1.00	1078856	0.513	Sericitic alteration	5%	
280.00	281.00	1.00	1078857	0.474	Sericitic alteration	2%	
281.00	281.95	0.95	1078858	0.479	Sericitic alteration	4%	
281.95	283.00	1.05	1078859	0.149	Sericitic alteration	5%	
283.00	284.00	1.00	1078861	0.344	Sericitic alteration	1%	
284.00	285.00	1.00	1078862	0.262	Sericitic alteration	1%	
285.00	286.00	1.00	1078863	0.235	Sericitic alteration	2%	
286.00	287.00	1.00	1078864	0.463	Sericitic alteration	1%	
287.00	288.20	1.20	1078865	0.231	Sericitic alteration	3%	

From	To	Lithologic Group					
288.20	289.95	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
288.20	289.00	0.80	1078866	0.010	Biotitic alteration	8%	
289.00	289.95	0.95	1078867	0.005	Biotitic alteration	8%	
From	To	Lithologic Group					
289.95	314.20	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
289.95	291.00	1.05	1078868	0.123	Sericitic alteration	1%	
291.00	292.00	1.00	1078869	0.085	Sericitic alteration	2%	
292.00	293.00	1.00	1078871	0.298	Sericitic alteration	1%	
293.00	294.00	1.00	1078873	0.424	Sericitic alteration	1%	
294.00	295.00	1.00	1078874	0.674	Sericitic alteration	1%	
295.00	296.00	1.00	1078875	0.125	Sericitic alteration	1%	
296.00	297.00	1.00	1078876	0.293	Sericitic alteration	2%	
297.00	298.00	1.00	1078877	0.145	Sericitic alteration	1%	
298.00	299.00	1.00	1078878	0.062	Sericitic alteration	2%	
299.00	300.00	1.00	1078879	0.345	Sericitic alteration	2%	
300.00	301.00	1.00	1078880	0.052	Sericitic alteration	1%	
301.00	302.00	1.00	1078881	0.224	Sericitic alteration	1%	
302.00	303.00	1.00	1078882	0.256	Sericitic alteration	2%	
303.00	304.00	1.00	1078883	0.535	Sericitic alteration	2%	
304.00	305.00	1.00	1078885	1.166	Sericitic alteration	3%	
305.00	306.00	1.00	1078886	0.131	Sericitic alteration	1%	
306.00	307.05	1.05	1078887	0.251	Sericitic alteration	3%	
307.05	308.00	0.95	1078888	0.594	Sericitic alteration	7%	
308.00	309.00	1.00	1078889	0.643	Sericitic alteration	1%	
309.00	310.00	1.00	1078891	0.736	Sericitic alteration	3%	
310.00	311.00	1.00	1078892	0.190	Sericitic alteration	2%	
311.00	312.00	1.00	1078893	0.127	Sericitic alteration	1%	
312.00	313.00	1.00	1078894	0.454	Sericitic alteration	2%	
313.00	314.20	1.20	1078895	0.859	Sericitic alteration	8%	
From	To	Lithologic Group					
314.20	315.60	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
314.20	315.60	1.40	1078897	0.025	Chloritic alteration	2%	
From	To	Lithologic Group					
315.60	325.30	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
315.60	316.50	0.90	1078898	2.702	Sericitic alteration	3%	
316.50	317.50	1.00	1078899	0.428	Sericitic alteration	3%	
317.50	318.50	1.00	1078900	5.510	Sericitic alteration	71%	

318.50	319.30	0.80	1078901	0.289	Sericitic alteration	1%	
319.30	320.00	0.70	1078902	0.471	Sericitic alteration	1%	
320.00	321.05	1.05	1078903	0.280	Sericitic alteration	3%	
321.05	322.00	0.95	1078904	0.230	Sericitic alteration	2%	
322.00	323.00	1.00	1078905	0.345	Sericitic alteration	3%	
323.00	324.00	1.00	1078906	0.222	Sericitic alteration	2%	
324.00	325.30	1.30	1078907	0.297	Sericitic alteration	3%	
From	To	Lithologic Group					
325.30	328.87	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
325.30	326.00	0.70	1078908	0.014	Biotitic alteration	1%	
326.00	327.00	1.00	1078909	0.011	Chloritic alteration	2%	Justin started logging
327.00	327.96	0.96	1078911	0.011	Chloritic alteration	5%	
327.96	328.87	0.91	1078913	0.049	Chloritic alteration	20%	
From	To	Lithologic Group					
328.87	330.50	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
328.87	330.00	1.13	1078914	0.163	Sericitic alteration	5%	medium grained, equigranular, light grey, massive
330.00	330.50	0.50	1078915	1.240	Sericitic alteration	5%	
From	To	Lithologic Group					
330.50	333.88	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
330.50	332.00	1.50	1078916	0.011	Chloritic alteration	5%	fine to medium grained, equigranular, dark greenish grey, foliated
332.00	333.00	1.00	1078917	0.008	Chloritic alteration	4%	
333.00	333.88	0.88	1078918	0.007	Chloritic alteration	1%	
From	To	Lithologic Group					
333.88	335.00	Quartz Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
333.88	335.00	1.12	1078919	1.159	Chloritic alteration	4%	25% tonalite frag and 75% QDR
From	To	Lithologic Group					
335.00	335.75	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
335.00	335.75	0.75	1078920	0.692	Chloritic alteration	1%	medium grained, inequigranular, massive, dark greenish grey
From	To	Lithologic Group					
335.75	337.00	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
335.75	337.00	1.25	1078921	0.082	Sericitic alteration	4%	5% Dr frags and 95% ton, 23cm of mafic dyke

From	To	Lithologic Group					
337.00	338.84	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
337.00	338.00	1.00	1078922	0.212	Chloritic alteration	3%	medium grained, equigranular, massive, medium greenish grey
338.00	338.84	0.84	1078923	0.142	Chloritic alteration	3%	
From	To	Lithologic Group					
338.84	341.00	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
338.84	340.00	1.16	1078925	0.723	Silicified	5%	sil-ser overprinted, 10% Dr frags and 90% ton matrix
340.00	341.00	1.00	1078926	0.658	Biotitic alteration	4%	
From	To	Lithologic Group					
341.00	344.94	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
341.00	342.08	1.08	1078927	0.313	Biotitic alteration	5%	medium grained, equigranular, massive, medium grey
342.08	343.00	0.92	1078928	0.939	Biotitic alteration	1%	
343.00	344.00	1.00	1078929	0.543	Silicified	4%	
344.00	344.94	0.94	1078931	0.452	Silicified	3%	
From	To	Lithologic Group					
344.94	348.66	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
344.94	346.00	1.06	1078932	0.235	Chloritic alteration	1%	fine grained, equigranular, foliated, dark grey
346.00	347.00	1.00	1078933	0.024	Biotitic alteration	1%	
347.00	348.00	1.00	1078934	0.062	Biotitic alteration	2%	
348.00	348.66	0.66	1078935	0.166	Chloritic alteration	2%	
From	To	Lithologic Group					
348.66	394.31	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
348.66	349.16	0.50	1078937	1.670	Silicified	5%	medium grained, massive, light grey, equigranular
349.16	349.94	0.78	1078938	0.680	Sericitic alteration	3%	
349.94	351.00	1.06	1078939	0.208	Silicified	4%	
351.00	352.00	1.00	1078940	0.257	Silicified	3%	
352.00	352.91	0.91	1078941	0.564	Silicified	3%	
352.91	354.19	1.28	1078942	0.259	Silicified	4%	Ton 2 at 353.78m to 354.19m
354.19	355.00	0.81	1078943	0.679	Sericitic alteration	1%	
355.00	356.00	1.00	1078944	0.558	Sericitic alteration	4%	
356.00	357.00	1.00	1078945	1.481	Sericitic alteration	2%	
357.00	357.96	0.96	1078946	0.709	Silicified	3%	
357.96	359.00	1.04	1078947	0.525	Sericitic alteration	4%	

359.00	360.00	1.00	1078949	0.303	Silicified	4%	
360.00	361.00	1.00	1078951	0.346	Sericitic alteration	5%	
361.00	362.00	1.00	1078952	1.187	Sericitic alteration	4%	Brecciated from 365.09m to 365.35m by chlorite dominated matrix with high sulphide content
362.00	363.00	1.00	1078953	0.208	Sericitic alteration	4%	
363.00	364.00	1.00	1078954	0.454	Sericitic alteration	4%	
364.00	365.00	1.00	1078955	0.107	Silicified	6%	
365.00	366.00	1.00	1078956	0.130	Silicified	4%	
366.00	367.00	1.00	1078957	0.137	Sericitic alteration	4%	graphite veinlets
367.00	368.00	1.00	1078958	0.191	Sericitic alteration	3%	
368.00	369.00	1.00	1078959	0.273	Sericitic alteration	4%	
369.00	370.00	1.00	1078961	0.578	Silicified	7%	
370.00	371.03	1.03	1078962	0.174	Silicified	3%	
371.03	372.00	0.97	1078963	0.475	Silicified	3%	
372.00	373.00	1.00	1078964	0.607	Sericitic alteration	4%	
373.00	374.00	1.00	1078965	0.664	Sericitic alteration	5%	
374.00	375.00	1.00	1078966	0.345	Silicified	2%	
375.00	376.00	1.00	1078967	0.620	Sericitic alteration	2%	
376.00	376.88	0.88	1078968	0.244	Silicified	3%	
376.88	378.00	1.12	1078969	0.176	Silicified	4%	
378.00	379.00	1.00	1078971	0.242	Silicified	4%	
379.00	380.00	1.00	1078973	0.241	Silicified	4%	
380.00	381.00	1.00	1078974	0.081	Silicified	6%	
381.00	382.00	1.00	1078975	0.452	Sericitic alteration	4%	
382.00	383.00	1.00	1078976	0.227	Sericitic alteration	5%	
383.00	384.00	1.00	1078977	0.117	Sericitic alteration	3%	
384.00	384.91	0.91	1078978	0.099	Sericitic alteration	2%	
384.91	386.00	1.09	1078979	0.137	Sericitic alteration	3%	
386.00	387.00	1.00	1078980	0.124	Sericitic alteration	3%	small mafic dyke
387.00	388.00	1.00	1078981	0.195	Silicified	5%	
388.00	389.00	1.00	1078982	0.132	Sericitic alteration	6%	
389.00	390.00	1.00	1078983	0.170	Sericitic alteration	4%	
390.00	390.97	0.97	1078985	0.198	Sericitic alteration	2%	
390.97	392.00	1.03	1078986	0.282	Sericitic alteration	5%	
392.00	393.00	1.00	1078987	0.097	Sericitic alteration	1%	
393.00	394.31	1.31	1078988	0.138	Sericitic alteration	2%	

From	To	Lithologic Group	
394.31	397.31	Diorite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
394.31	395.00	0.69	1078989	0.023	Chloritic alteration	3%	fine grained, equigranular, foliated, dark greenish grey

395.00	396.00	1.00	1078991	0.009	Chloritic alteration	2%
396.00	397.31	1.31	1078992	0.005	Chloritic alteration	7%

From	To	Lithologic Group				
397.31	426.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
397.31	398.00	0.69	1078993	0.114	Silicified	7%	medium grained, equigranular, massive, light grey
398.00	399.00	1.00	1078994	0.130	Sericitic alteration	10%	
399.00	400.07	1.07	1078995	0.257	Silicified	25%	
400.07	401.00	0.93	1078997	0.195	Silicified	3%	8cm mafic dyke
401.00	402.00	1.00	1078998	0.299	Silicified	5%	
402.00	403.00	1.00	1078999	0.175	Sericitic alteration	4%	
403.00	404.00	1.00	1079000	0.169	Sericitic alteration	5%	
404.00	405.00	1.00	432001	0.216	Sericitic alteration	4%	
405.00	406.00	1.00	432002	0.096	Sericitic alteration	4%	Mo in vein at 405.66
406.00	407.00	1.00	432003	0.113	Sericitic alteration	3%	
407.00	408.00	1.00	432004	0.129	Silicified	15%	
408.00	409.00	1.00	432005	0.270	Sericitic alteration	6%	
409.00	409.93	0.93	432006	0.063	Silicified	6%	30cm madic dyke
409.93	411.07	1.14	432007	0.266	Silicified	13%	
411.07	412.00	0.93	432008	0.101	Silicified	8%	
412.00	413.00	1.00	432009	0.100	Sericitic alteration	5%	
413.00	414.00	1.00	432011	0.111	Sericitic alteration	1%	
414.00	415.00	1.00	432013	0.110	Silicified	8%	
415.00	416.00	1.00	432014	0.123	Sericitic alteration	6%	
416.00	417.00	1.00	432015	0.260	Sericitic alteration	4%	
417.00	418.00	1.00	432016	0.324	Sericitic alteration	6%	
418.00	419.00	1.00	432017	0.857	Silicified	2%	
419.00	420.00	1.00	432018	0.161	Silicified	7%	
420.00	421.00	1.00	432019	0.134	Silicified	3%	
421.00	422.00	1.00	432020	0.121	Sericitic alteration	5%	
422.00	423.00	1.00	432021	0.048	Silicified	4%	
423.00	424.00	1.00	432022	0.480	Silicified	4%	
424.00	425.00	1.00	432023	0.111	Sericitic alteration	5%	
425.00	426.00	1.00	432025	0.090	Silicified	3%	EOH

DRILL HOLE REPORT

Drill Hole **GOS21-66** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -65.0
 Length 439.5 m
 Started 24-Feb-21
 Completed 06-Mar-21
 Logged 13-Mar-21
 Logged by Justin Bisailon

Company
 Contractor Chenier Drilling Ltd
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Cemented

Survey Details:

Claim Number MLO-10659
 Property Chester 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Multi-shot Survey
 Coord Survey Tool SURV

Coordinates:

Target Easting 431351.84
 Comments UTM Datum NAD83 Northing 5267682.99
 UTM Zone 17 Elevation 380.66

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
0.0	336.31	-64.85		RM	Good	30.0	337.27	-64.47		RM	Good
3.0	336.37	-64.88		RM	Good	33.0	337.26	-64.43		RM	Good
6.0	336.59	-64.74		RM	Good	36.0	337.18	-64.35		RM	Good
9.0	336.48	-64.75		RM	Good	39.0	337.24	-64.35		RM	Good
12.0	336.61	-64.70		RM	Good	42.0	337.36	-64.26		RM	Good
15.0	336.71	-64.66		RM	Good	45.0	337.46	-64.26		RM	Good
18.0	336.81	-64.33		RM	Good	48.0	337.49	-64.29		RM	Good
21.0	336.85	-64.59		RM	Good	51.0	337.72	-64.21		RM	Good
24.0	337.08	-64.51		RM	Good	54.0	337.88	-64.16		RM	Good
27.0	337.13	-64.48		RM	Good	57.0	337.89	-64.16		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
60.0	340.14	-64.11		RM	Good
63.0	338.48	-64.06		RM	Good
66.0	338.45	-64.08		RM	Good
69.0	338.46	-64.04		RM	Good
72.0	338.57	-64.06		RM	Good
75.0	338.68	-64.01		RM	Good
78.0	338.89	-63.90		RM	Good
81.0	338.91	-63.86		RM	Good
84.0	338.64	-64.26		RM	Good
87.0	339.13	-63.75		RM	Good
90.0	339.19	-63.73		RM	Good
93.0	339.48	-63.34		RM	Good
96.0	339.37	-63.69		RM	Good
99.0	339.56	-63.64		RM	Good
102.0	339.48	-63.44		RM	Good
105.0	339.80	-63.36		RM	Good
108.0	339.81	-63.31		RM	Good
111.0	339.94	-63.27		RM	Good
114.0	340.03	-63.20		RM	Good
117.0	339.98	-63.02		RM	Good
120.0	340.09	-62.93		RM	Good
123.0	340.29	-62.66		RM	Good
126.0	339.67	-62.71		RM	Good
129.0	340.28	-62.64		RM	Good
132.0	340.45	-62.56		RM	Good
135.0	340.49	-62.51		RM	Good
138.0	340.48	-62.45		RM	Good
141.0	340.37	-62.37		RM	Good
144.0	340.63	-62.35		RM	Good
147.0	340.66	-62.25		RM	Good
150.0	340.27	-62.20		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
153.0	340.72	-62.14		RM	Good
156.0	340.86	-62.05		RM	Good
159.0	340.95	-62.05		RM	Good
162.0	341.02	-62.01		RM	Good
165.0	341.03	-61.98		RM	Good
168.0	341.07	-62.02		RM	Good
171.0	341.17	-61.98		RM	Good
174.0	341.25	-61.93		RM	Good
177.0	341.32	-61.90		RM	Good
180.0	341.42	-61.87		RM	Good
183.0	341.57	-61.88		RM	Good
186.0	341.69	-61.69		RM	Good
189.0	341.97	-61.77		RM	Good
192.0	342.01	-61.67		RM	Good
195.0	341.46	-61.69		RM	Good
201.0	341.56	-61.47		RM	Good
204.0	340.98	-61.46		RM	Good
207.0	340.62	-61.36		RM	Good
210.0	339.87	-61.33		RM	Good
213.0	339.70	-61.28		RM	Good
216.0	341.45	-61.18		RM	Good
219.0	341.48	-61.16		RM	Good
222.0	341.56	-61.19		RM	Good
225.0	341.49	-61.16		RM	Good
228.0	341.55	-61.18		RM	Good
231.0	341.77	-61.14		RM	Good
234.0	342.26	-61.05		RM	Good
237.0	342.26	-61.03		RM	Good
240.0	342.31	-60.96		RM	Good
243.0	342.23	-60.91		RM	Good
246.0	342.41	-60.88		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
249.0	342.29	-60.82		RM	Good
252.0	341.34	-60.75		RM	Good
255.0	341.39	-60.73		RM	Good
258.0	342.86	-60.67		RM	Good
261.0	341.90	-60.61		RM	Good
264.0	341.25	-60.56		RM	Good
267.0	342.40	-60.44		RM	Good
270.0	343.18	-60.44		RM	Good
273.0	342.45	-60.38		RM	Good
276.0	342.15	-60.31		RM	Good
279.0	342.57	-60.24		RM	Good
282.0	341.80	-60.15		RM	Good
285.0	341.28	-60.07		RM	Good
288.0	341.93	-59.99		RM	Good
291.0	343.03	-59.92		RM	Good
294.0	343.02	-59.92		RM	Good
297.0	342.51	-59.76		RM	Good
300.0	342.70	-59.71		RM	Good
303.0	343.11	-59.67		RM	Good
306.0	342.73	-59.64		RM	Good
309.0	342.34	-59.64		RM	Good
312.0	342.33	-59.60		RM	Good
315.0	342.88	-59.51		RM	Good
318.0	341.94	-59.47		RM	Good
321.0	342.55	-59.31		RM	Good
324.0	342.83	-59.30		RM	Good
327.0	343.17	-59.24		RM	Good
330.0	343.28	-59.21		RM	Good
336.0	341.44	-59.09		RM	Good
339.0	342.36	-58.99		RM	Good
342.0	342.69	-58.95		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
345.0	343.12	-58.83		RM	Good
348.0	341.76	-58.82		RM	Good
354.0	344.14	-58.61		RM	Good
357.0	343.57	-58.54		RM	Good
360.0	343.14	-58.48		RM	Good
363.0	342.33	-58.36		RM	Good
366.0	343.06	-58.41		RM	Good
369.0	343.17	-58.28		RM	Good
372.0	343.07	-58.27		RM	Good
375.0	342.76	-58.15		RM	Good
378.0	343.39	-58.03		RM	Good
381.0	342.39	-58.00		RM	Good
384.0	343.45	-57.95		RM	Good
387.0	343.89	-57.85		RM	Good
390.0	342.81	-57.83		RM	Good
393.0	344.01	-57.66		RM	Good
396.0	344.18	-57.59		RM	Good
399.0	344.41	-57.58		RM	Good
402.0	344.33	-57.50		RM	Good
405.0	344.35	-57.46		RM	Good
408.0	344.47	-57.45		RM	Good
411.0	344.65	-57.38		RM	Good
414.0	344.69	-57.25		RM	Good
417.0	345.50	-57.15		RM	Good
420.0	345.33	-57.11		RM	Good
423.0	344.94	-57.04		RM	Good
426.0	345.20	-57.03		RM	Good
429.0	345.48	-57.06		RM	Good
432.0	345.53	-57.01		RM	Good
435.0	345.61	-56.93		RM	Good
438.0	345.90	-56.76		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
439.5	346.08	-56.62		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
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From	To	Lithologic Group					
0.00	23.00	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	23.00	23.00			Unaltered	0%	Overburden
From	To	Lithologic Group					
23.00	58.91	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
23.00	24.00	1.00	432026	0.013	Sericitic alteration	2%	medium grained, massive, equigranular, light grey
24.00	25.00	1.00	432027	0.055	Sericitic alteration	1%	
25.00	26.00	1.00	432028	0.144	Sericitic alteration	2%	
26.00	27.00	1.00	432029	0.053	Sericitic alteration	3%	
27.00	28.00	1.00	432031	0.077	Sericitic alteration	3%	
28.00	29.00	1.00	432032	0.050	Sericitic alteration	2%	
29.00	29.76	0.76	432033	0.090	Sericitic alteration	4%	
29.76	31.00	1.24	432034	0.015	Sericitic alteration	3%	
31.00	32.00	1.00	432035	0.017	Sericitic alteration	2%	
32.00	33.00	1.00	432037	0.010	Sericitic alteration	4%	
33.00	34.00	1.00	432038	0.009	Sericitic alteration	4%	
34.00	35.00	1.00	432039	0.009	Sericitic alteration	4%	
35.00	36.00	1.00	432040	0.147	Sericitic alteration	3%	
36.00	37.00	1.00	432041	0.010	Sericitic alteration	2%	
37.00	37.61	0.61	432042	0.007	Sericitic alteration	3%	
37.61	39.00	1.39	432043	0.084	Sericitic alteration	2%	
39.00	40.00	1.00	432044	0.063	Sericitic alteration	2%	
40.00	41.00	1.00	432045	0.076	Sericitic alteration	2%	
41.00	42.00	1.00	432046	0.028	Sericitic alteration	2%	
42.00	43.00	1.00	432047	0.087	Sericitic alteration	1%	
43.00	44.00	1.00	432049	0.178	Sericitic alteration	2%	
44.00	45.00	1.00	432051	0.315	Sericitic alteration	2%	
45.00	46.02	1.02	432052	0.068	Sericitic alteration	2%	
46.02	47.00	0.98	432053	0.249	Sericitic alteration	3%	
47.00	48.00	1.00	432054	2.067	Sericitic alteration	4%	
48.00	49.00	1.00	432055	0.052	Sericitic alteration	3%	one 2cmx2cm diorite frag
49.00	50.00	1.00	432056	0.065	Sericitic alteration	3%	
50.00	51.00	1.00	432057	0.217	Sericitic alteration	2%	
51.00	52.00	1.00	432058	0.234	Chloritic alteration	1%	
52.00	52.96	0.96	432059	0.170	Sericitic alteration	2%	
52.96	54.00	1.04	432061	0.036	Sericitic alteration	3%	

54.00	55.00	1.00	432062	0.090	Sericitic alteration	5%	
55.00	56.00	1.00	432063	0.145	Sericitic alteration	1%	
56.00	56.94	0.94	432064	0.133	Sericitic alteration	2%	
56.94	58.10	1.16	432065	0.092	Sericitic alteration	20%	Mo in vein at 57m
58.10	58.91	0.81	432066	0.079	Chloritic alteration	4%	50% Lamp and 50% Ton
From 58.91	To 63.45	Lithologic Group Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
58.91	60.00	1.09	432067	0.030	Biotitic alteration	1%	medium grained, equigranular, dark grey, foliated
60.00	61.00	1.00	432068	0.005	Chloritic alteration	0%	
61.00	62.00	1.00	432069	0.005	Chloritic alteration	2%	
62.00	63.45	1.45	432071	0.005	Chloritic alteration	1%	
From 63.45	To 75.20	Lithologic Group Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
63.45	64.00	0.55	432073	0.159	Sericitic alteration	3%	medium grained, equigranular, light grey, massive
64.00	65.00	1.00	432074	0.068	Sericitic alteration	1%	
65.00	66.00	1.00	432075	0.259	Sericitic alteration	2%	
66.00	67.00	1.00	432076	0.007	Sericitic alteration	1%	
67.00	68.00	1.00	432077	0.011	Sericitic alteration	1%	
68.00	69.00	1.00	432078	0.246	Sericitic alteration	1%	
69.00	70.00	1.00	432079	0.026	Sericitic alteration	4%	
70.00	70.90	0.90	432080	0.035	Sericitic alteration	2%	
70.90	72.00	1.10	432081	0.531	Sericitic alteration	3%	10 cm lamp dyke
72.00	73.00	1.00	432082	0.922	Sericitic alteration	8%	
73.00	74.00	1.00	432083	0.513	Sericitic alteration	5%	Caitlin logging from here downhole
74.00	75.20	1.20	432086	1.664	Silicified	1%	
From 75.20	To 76.29	Lithologic Group Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
75.20	76.29	1.09	432087	0.005	Chloritic alteration	1%	
From 76.29	To 77.42	Lithologic Group Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
76.29	77.42	1.13	432088	0.920	Silicified	1%	
From 77.42	To 78.34	Lithologic Group Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
77.42	78.34	0.92	432089	0.087	Chloritic alteration	1%	30% Ton

From	To	Lithologic Group					
78.34	125.85	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
78.34	79.00	0.66	432091	1.127	Silicified	2%	
79.00	80.00	1.00	432092	0.126	Silicified	2%	
80.00	81.00	1.00	432093	0.043	Silicified	1%	15% mafic dyke
81.00	82.00	1.00	432094	0.041	Silicified	3%	15% mafic dyke
82.00	82.92	0.92	432095	0.202	Silicified	1%	
82.92	84.00	1.08	432097	0.449	Silicified	2%	
84.00	85.00	1.00	432098	0.044	Sericitic alteration	1%	
85.00	86.00	1.00	432099	0.056	Silicified	1%	
86.00	87.00	1.00	432100	0.040	Silicified	1%	
87.00	88.00	1.00	432101	0.151	Silicified	1%	
88.00	89.00	1.00	432102	0.150	Sericitic alteration	3%	
89.00	90.00	1.00	432103	0.329	Sericitic alteration	1%	
90.00	91.00	1.00	432104	0.170	Silicified	5%	
91.00	92.00	1.00	432105	0.058	Silicified	1%	
92.00	93.00	1.00	432106	0.051	Silicified	3%	
93.00	94.00	1.00	432107	0.018	Silicified	2%	
94.00	94.81	0.81	432108	0.160	Sericitic alteration	3%	
94.81	96.00	1.19	432109	0.068	Sericitic alteration	1%	
96.00	97.00	1.00	432111	0.016	Sericitic alteration	1%	
97.00	98.00	1.00	432113	0.047	Sericitic alteration	1%	
98.00	99.18	1.18	432114	0.272	Sericitic alteration	2%	
99.18	100.00	0.82	432115	0.058	Sericitic alteration	1%	
100.00	101.07	1.07	432116	0.008	Silicified	2%	
101.07	102.07	1.00	432117	0.062	Silicified	1%	
102.07	103.00	0.93	432118	0.108	Silicified	1%	
103.00	104.00	1.00	432119	0.063	Silicified	1%	
104.00	105.00	1.00	432120	0.070	Sericitic alteration	1%	
105.00	106.00	1.00	432121	0.198	Sericitic alteration	1%	
106.00	107.06	1.06	432122	0.074	Sericitic alteration	1%	
107.06	108.00	0.94	432123	0.119	Sericitic alteration	1%	30% mafic dyke
108.00	109.00	1.00	432125	0.689	Silicified	10%	
109.00	110.00	1.00	432126	0.181	Sericitic alteration	3%	
110.00	111.00	1.00	432127	0.056	Sericitic alteration	9%	
111.00	112.03	1.03	432128	0.013	Sericitic alteration	2%	
112.03	113.00	0.97	432129	0.151	Sericitic alteration	1%	
113.00	114.00	1.00	432131	0.153	Sericitic alteration	1%	
114.00	115.00	1.00	432132	0.015	Sericitic alteration	1%	
115.00	116.00	1.00	432133	0.038	Sericitic alteration	4%	
116.00	117.00	1.00	432134	0.010	Sericitic alteration	1%	

117.00	118.00	1.00	432135	0.029	Sericitic alteration	2%
118.00	119.00	1.00	432137	0.264	Sericitic alteration	1%
119.00	120.00	1.00	432138	0.668	Sericitic alteration	1%
120.00	121.00	1.00	432139	0.019	Sericitic alteration	1%
121.00	121.82	0.82	432140	0.115	Sericitic alteration	1%
121.82	123.00	1.18	432141	0.828	Sericitic alteration	1%
123.00	124.00	1.00	432142	0.563	Sericitic alteration	3%
124.00	125.00	1.00	432143	0.153	Sericitic alteration	1%
125.00	125.85	0.85	432144	0.299	Sericitic alteration	1%

From	To	Lithologic Group				
125.85	126.50	Diabase				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
125.85	126.50	0.65	432145	0.026	Unaltered	0%	30% Ton

From	To	Lithologic Group				
126.50	215.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
126.50	127.00	0.50	432146	0.048	Sericitic alteration	1%	
127.00	128.00	1.00	432147	0.063	Sericitic alteration	4%	
128.00	129.00	1.00	432149	0.140	Sericitic alteration	2%	
129.00	130.00	1.00	432151	0.031	Sericitic alteration	10%	
130.00	130.65	0.65	432152	0.150	Sericitic alteration	1%	
130.65	131.80	1.15	432153	0.064	Silicified	9%	
131.80	133.00	1.20	432154	0.047	Sericitic alteration	2%	
133.00	134.00	1.00	432155	0.035	Sericitic alteration	1%	
134.00	135.00	1.00	432156	0.078	Sericitic alteration	2%	
135.00	136.00	1.00	432157	0.040	Sericitic alteration	6%	
136.00	137.00	1.00	432158	0.041	Sericitic alteration	2%	
137.00	138.00	1.00	432159	0.069	Sericitic alteration	1%	
138.00	139.00	1.00	432161	0.072	Sericitic alteration	2%	
139.00	140.00	1.00	432162	0.005	Sericitic alteration	2%	
140.00	141.00	1.00	432163	0.442	Sericitic alteration	5%	
141.00	142.05	1.05	432164	0.033	Sericitic alteration	1%	
142.05	143.00	0.95	432165	0.033	Sericitic alteration	3%	
143.00	144.00	1.00	432166	0.009	Sericitic alteration	2%	
144.00	145.00	1.00	432167	0.009	Sericitic alteration	6%	
145.00	146.00	1.00	432168	0.310	Sericitic alteration	1%	
146.00	147.00	1.00	432169	0.127	Sericitic alteration	1%	
147.00	148.00	1.00	432171	0.042	Sericitic alteration	1%	
148.00	149.00	1.00	432173	0.008	Sericitic alteration	1%	
149.00	150.00	1.00	432174	0.044	Sericitic alteration	2%	
150.00	151.00	1.00	432175	0.102	Sericitic alteration	2%	
151.00	152.00	1.00	432176	0.017	Sericitic alteration	1%	

152.00	153.00	1.00	432177	1.070	Sericitic alteration	2%	
153.00	154.00	1.00	432178	0.840	Sericitic alteration	2%	
154.00	155.00	1.00	432179	0.052	Sericitic alteration	2%	
155.00	156.00	1.00	432180	0.127	Sericitic alteration	1%	
156.00	157.00	1.00	432181	0.013	Sericitic alteration	1%	
157.00	158.00	1.00	432182	0.210	Sericitic alteration	4%	
158.00	159.00	1.00	432183	0.058	Sericitic alteration	2%	
159.00	160.00	1.00	432185	0.101	Sericitic alteration	3%	
160.00	161.00	1.00	432186	0.361	Sericitic alteration	2%	
161.00	162.00	1.00	432187	0.053	Sericitic alteration	1%	
162.00	163.00	1.00	432188	0.040	Sericitic alteration	8%	
163.00	164.00	1.00	432189	0.015	Sericitic alteration	2%	
164.00	165.00	1.00	432191	0.178	Sericitic alteration	1%	
165.00	166.00	1.00	432192	0.101	Sericitic alteration	2%	
166.00	167.00	1.00	432193	0.023	Sericitic alteration	1%	
167.00	168.00	1.00	432194	0.016	Sericitic alteration	8%	
168.00	169.00	1.00	432195	0.038	Sericitic alteration	1%	
169.00	170.00	1.00	432197	0.014	Sericitic alteration	2%	
170.00	171.05	1.05	432198	0.022	Sericitic alteration	5%	
171.05	172.05	1.00	432199	0.023	Sericitic alteration	3%	
172.05	173.00	0.95	432200	0.027	Sericitic alteration	1%	
173.00	174.00	1.00	432201	0.012	Sericitic alteration	3%	
174.00	175.00	1.00	432202	0.017	Sericitic alteration	6%	
175.00	176.00	1.00	432203	0.020	Sericitic alteration	2%	25% DIA
176.00	177.00	1.00	432204	0.020	Sericitic alteration	2%	
177.00	178.00	1.00	432205	0.130	Sericitic alteration	1%	
178.00	179.00	1.00	432206	1.675	Sericitic alteration	1%	
179.00	180.00	1.00	432207	2.113	Sericitic alteration	2%	
180.00	181.00	1.00	432208	0.017	Sericitic alteration	6%	
181.00	182.00	1.00	432209	0.005	Sericitic alteration	1%	
182.00	183.00	1.00	432211	0.042	Sericitic alteration	2%	
183.00	184.00	1.00	432213	0.093	Sericitic alteration	2%	
184.00	184.75	0.75	432214	0.010	Sericitic alteration	2%	
184.75	185.55	0.80	432215	0.011	Sericitic alteration	5%	
185.55	186.40	0.85	432216	0.015	Sericitic alteration	10%	
186.40	187.00	0.60	432217	0.005	Sericitic alteration	2%	
187.00	188.00	1.00	432218	0.006	Sericitic alteration	1%	
188.00	189.00	1.00	432219	0.423	Sericitic alteration	2%	
189.00	190.00	1.00	432220	0.048	Sericitic alteration	1%	
190.00	191.00	1.00	432221	0.175	Sericitic alteration	1%	
191.00	192.00	1.00	432222	0.040	Sericitic alteration	1%	
192.00	192.65	0.65	432223	0.014	Sericitic alteration	1%	

192.65	194.00	1.35	432225	0.173	Sericitic alteration	8%	
194.00	195.00	1.00	432226	0.691	Sericitic alteration	8%	
195.00	196.00	1.00	432227	0.119	Sericitic alteration	7%	
196.00	197.00	1.00	432228	0.051	Sericitic alteration	2%	
197.00	198.00	1.00	432229	0.103	Sericitic alteration	2%	
198.00	199.00	1.00	432231	0.161	Sericitic alteration	2%	
199.00	200.00	1.00	432232	0.039	Sericitic alteration	2%	
200.00	201.00	1.00	432233	0.107	Sericitic alteration	1%	
201.00	202.00	1.00	432234	0.047	Sericitic alteration	2%	
202.00	203.00	1.00	432235	0.023	Sericitic alteration	1%	
203.00	203.75	0.75	432237	0.007	Sericitic alteration	5%	
203.75	204.70	0.95	432238	0.101	Sericitic alteration	2%	broken core
204.70	205.70	1.00	432239	0.237	Sericitic alteration	4%	
205.70	206.65	0.95	432240	0.249	Sericitic alteration	3%	
206.65	208.05	1.40	432241	0.124	Sericitic alteration	2%	
208.05	209.00	0.95	432242	0.371	Sericitic alteration	3%	
209.00	210.00	1.00	432243	0.201	Sericitic alteration	1%	
210.00	211.00	1.00	432244	1.465	Sericitic alteration	2%	
211.00	212.00	1.00	432245	0.225	Sericitic alteration	1%	
212.00	213.00	1.00	432246	0.244	Sericitic alteration	5%	
213.00	214.00	1.00	432247	0.149	Sericitic alteration	2%	
214.00	215.00	1.00	432249	0.015	Sericitic alteration	2%	

From	To	Lithologic Group	
215.00	217.35	Mafic Dyke	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
215.00	216.00	1.00	432251	0.005	Chloritic alteration	5%	broken core
216.00	217.35	1.35	432252	0.005	Chloritic alteration	8%	20% rubble

From	To	Lithologic Group	
217.35	233.45	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
217.35	218.00	0.65	432253	0.113	Sericitic alteration	2%	
218.00	219.00	1.00	432254	1.267	Sericitic alteration	3%	
219.00	220.00	1.00	432255	0.197	Sericitic alteration	3%	
220.00	221.00	1.00	432256	0.905	Sericitic alteration	2%	
221.00	222.00	1.00	432257	0.112	Sericitic alteration	1%	
222.00	223.00	1.00	432258	0.273	Sericitic alteration	2%	
223.00	224.00	1.00	432259	0.266	Sericitic alteration	3%	
224.00	225.00	1.00	432261	0.148	Sericitic alteration	3%	
225.00	225.70	0.70	432262	0.112	Sericitic alteration	2%	
225.70	226.50	0.80	432263	0.114	Sericitic alteration	6%	
226.50	227.70	1.20	432264	0.086	Sericitic alteration	6%	
227.70	229.00	1.30	432265	0.136	Sericitic alteration	3%	

229.00	230.00	1.00	432266	0.100	Sericitic alteration	8%	
230.00	231.00	1.00	432267	0.073	Sericitic alteration	2%	
231.00	232.00	1.00	432268	0.056	Sericitic alteration	2%	
232.00	233.45	1.45	432269	0.120	Sericitic alteration	2%	

From	To	Lithologic Group					
233.45	237.70	Tonalite Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
233.45	234.00	0.55	432271	0.053	Chloritic alteration	1%	subrounded clasts of DR in Ton matrix - clast supported
234.00	235.00	1.00	432273	0.169	Chloritic alteration	3%	subrounded clasts of DR in Ton matrix - clast supported
235.00	236.00	1.00	432274	0.370	Chloritic alteration	3%	subrounded clasts of DR in Ton matrix - clast supported
236.00	237.00	1.00	432275	0.026	Chloritic alteration	2%	subrounded clasts of DR in Ton matrix - clast supported
237.00	237.70	0.70	432276	0.131	Chloritic alteration	1%	subrounded clasts of DR in Ton matrix - clast supported

From	To	Lithologic Group					
237.70	244.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
237.70	239.00	1.30	432277	0.206	Sericitic alteration	3%	
239.00	240.00	1.00	432278	0.100	Sericitic alteration	2%	
240.00	240.75	0.75	432279	0.113	Sericitic alteration	1%	
240.75	242.00	1.25	432280	1.190	Sericitic alteration	9%	
242.00	243.00	1.00	432281	0.132	Sericitic alteration	3%	
243.00	244.00	1.00	432282	0.174	Sericitic alteration	2%	

From	To	Lithologic Group					
244.00	246.50	Tonalite Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
244.00	245.40	1.40	432283	0.516	Sericitic alteration	4%	subrounded clasts of DR in Ton matrix - matrix supported
245.40	246.50	1.10	432285	1.015	Chloritic alteration	4%	subrounded clasts of DR in Ton matrix - clast supported

From	To	Lithologic Group					
246.50	247.50	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
246.50	247.50	1.00	432286	0.236	Chloritic alteration	1%	

From	To	Lithologic Group					
247.50	249.25	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
247.50	248.50	1.00	432287	0.542	Sericitic alteration	5%	
248.50	249.25	0.75	432288	0.586	Sericitic alteration	1%	

From	To	Lithologic Group					
249.25	250.10	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
249.25	250.10	0.85	432289	0.999	Sericitic alteration	2%	subrounded clasts of DR in Ton matrix - matrix supported
From	To	Lithologic Group					
250.10	251.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
250.10	251.00	0.90	432291	0.290	Sericitic alteration	8%	
From	To	Lithologic Group					
251.00	253.35	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
251.00	252.00	1.00	432292	0.610	Sericitic alteration	8%	subrounded clasts of DR in Ton matrix - matrix supported
252.00	253.35	1.35	432293	0.724	Sericitic alteration	2%	subrounded clasts of DR in Ton matrix - matrix supported
From	To	Lithologic Group					
253.35	254.45	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
253.35	254.45	1.10	432294	0.037	Biotitic alteration	5%	
From	To	Lithologic Group					
254.45	255.35	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
254.45	255.35	0.90	432295	0.523	Sericitic alteration	3%	subrounded clasts of DR in Ton matrix - matrix supported
From	To	Lithologic Group					
255.35	256.75	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
255.35	256.75	1.40	432297	0.169	Chloritic alteration	25%	
From	To	Lithologic Group					
256.75	259.20	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
256.75	258.00	1.25	432298	0.333	Silicified	30%	
258.00	259.20	1.20	432299	0.130	Sericitic alteration	15%	
From	To	Lithologic Group					
259.20	260.85	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
259.20	260.00	0.80	432300	0.040	Chloritic alteration	5%	subrounded clasts of DR in Ton matrix - clast supported
260.00	260.85	0.85	432301	0.019	Sericitic alteration	3%	subrounded clasts of DR in Ton matrix - matrix supported

From	To	Lithologic Group					
260.85	262.25	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
260.85	262.25	1.40	432302	0.114	Sericitic alteration	10%	80% rubble
From	To	Lithologic Group					
262.25	269.00	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
262.25	263.00	0.75	432303	0.045	Silicified	1%	
263.00	264.00	1.00	432304	0.072	Silicified	1%	
264.00	265.00	1.00	432305	0.045	Silicified	2%	
265.00	266.00	1.00	432306	0.055	Silicified	1%	
266.00	267.00	1.00	432307	0.173	Silicified	1%	broken core
267.00	268.00	1.00	432308	0.151	Silicified	2%	broken core
268.00	269.00	1.00	432309	0.184	Silicified	2%	broken core; 30% rubble
From	To	Lithologic Group					
269.00	286.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
269.00	270.00	1.00	432311	0.312	Sericitic alteration	4%	
270.00	271.00	1.00	432313	0.740	Sericitic alteration	1%	
271.00	272.00	1.00	432314	0.088	Sericitic alteration	3%	30% rubble
272.00	273.00	1.00	432315	0.433	Sericitic alteration	2%	
273.00	274.05	1.05	432316	0.835	Sericitic alteration	25%	50% rubble
274.05	274.55	0.50	432317	0.140	Sericitic alteration	50%	
274.55	276.00	1.45	432318	0.219	Chloritic alteration	1%	90% rubble
276.00	277.00	1.00	432319	1.879	Sericitic alteration	7%	75% rubble
277.00	278.00	1.00	432320	0.698	Sericitic alteration	20%	30% rubble
278.00	279.00	1.00	432321	0.232	Sericitic alteration	15%	broken core
279.00	280.15	1.15	432322	0.195	Sericitic alteration	1%	broken core; 30% mafic dyke
280.15	281.00	0.85	432323	2.870	Sericitic alteration	2%	
281.00	282.00	1.00	432325	5.910	Sericitic alteration	2%	
282.00	283.00	1.00	432326	2.929	Sericitic alteration	1%	
283.00	284.00	1.00	432327	0.940	Sericitic alteration	1%	
284.00	285.00	1.00	432328	0.816	Sericitic alteration	15%	
285.00	286.00	1.00	432329	2.124	Sericitic alteration	1%	
From	To	Lithologic Group					
286.00	303.50	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
286.00	287.00	1.00	432331	2.252	Sericitic alteration	1%	
287.00	288.00	1.00	432332	4.400	Sericitic alteration	1%	
288.00	289.00	1.00	432333	2.745	Sericitic alteration	1%	
289.00	290.00	1.00	432334	1.117	Sericitic alteration	2%	
290.00	291.00	1.00	432335	0.545	Sericitic alteration	13%	

291.00	292.00	1.00	432337	4.790	Sericitic alteration	7%	30% mafic dyke
292.00	293.10	1.10	432338	4.910	Sericitic alteration	2%	10% mafic dyke
293.10	294.00	0.90	432339	4.260	Sericitic alteration	2%	
294.00	295.00	1.00	432340	1.280	Sericitic alteration	2%	20% mafic dyke
295.00	296.00	1.00	432341	1.034	Sericitic alteration	2%	
296.00	297.00	1.00	432342	0.992	Sericitic alteration	3%	
297.00	298.00	1.00	432343	1.486	Sericitic alteration	1%	
298.00	299.00	1.00	432344	1.149	Sericitic alteration	1%	
299.00	300.00	1.00	432345	0.331	Sericitic alteration	1%	
300.00	301.00	1.00	432346	0.895	Sericitic alteration	1%	
301.00	302.00	1.00	432347	3.090	Sericitic alteration	1%	
302.00	303.50	1.50	432349	0.931	Sericitic alteration	1%	

From	To	Lithologic Group					
303.50	306.10	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
303.50	305.00	1.50	432351	0.019	Chloritic alteration	35%	
305.00	306.10	1.10	432352	0.095	Biotitic alteration	7%	

From	To	Lithologic Group					
306.10	307.35	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
306.10	307.35	1.25	432353	1.046	Sericitic alteration	6%	

From	To	Lithologic Group					
307.35	308.80	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
307.35	308.80	1.45	432354	0.322	Biotitic alteration	30%	< 5% angular cm scale fragments of Ton

From	To	Lithologic Group					
308.80	357.51	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
308.80	309.75	0.95	432355	0.069	Sericitic alteration	8%	
309.75	311.00	1.25	432356	0.236	Sericitic alteration	33%	5% mafic dyke
311.00	312.00	1.00	432357	1.662	Sericitic alteration	2%	
312.00	312.80	0.80	432358	0.379	Sericitic alteration	5%	
312.80	314.00	1.20	432359	0.481	Sericitic alteration	37%	
314.00	314.80	0.80	432361	1.519	Sericitic alteration	1%	
314.80	316.00	1.20	432362	0.544	Sericitic alteration	20%	20% mafic dyke
316.00	317.00	1.00	432363	1.072	Sericitic alteration	2%	
317.00	318.00	1.00	432364	9.400	Sericitic alteration	1%	
318.00	319.00	1.00	432365	0.466	Sericitic alteration	6%	
319.00	320.00	1.00	432366	0.811	Sericitic alteration	6%	
320.00	321.00	1.00	432367	1.905	Sericitic alteration	5%	
321.00	322.00	1.00	432368	2.860	Sericitic alteration	2%	

322.00	323.00	1.00	432369	2.948	Sericitic alteration	1%
323.00	324.00	1.00	432371	0.741	Sericitic alteration	1%
324.00	325.00	1.00	432373	2.564	Sericitic alteration	1%
325.00	326.00	1.00	432374	2.654	Sericitic alteration	2%
326.00	327.00	1.00	432375	0.945	Sericitic alteration	1%
327.00	328.00	1.00	432376	0.233	Sericitic alteration	1%
328.00	329.00	1.00	432377	0.423	Sericitic alteration	1%
329.00	330.00	1.00	432378	0.650	Sericitic alteration	1%
330.00	331.00	1.00	432379	0.717	Silicified	2%
331.00	332.00	1.00	432380	0.917	Sericitic alteration	1%
332.00	333.00	1.00	432381	0.643	Sericitic alteration	1%
333.00	333.80	0.80	432382	0.144	Silicified	7%
333.80	335.00	1.20	432383	0.489	Sericitic alteration	3%
335.00	336.00	1.00	432385	1.289	Silicified	4%
336.00	337.00	1.00	432386	1.009	Sericitic alteration	4%
337.00	338.10	1.10	432387	0.484	Sericitic alteration	5%
338.10	339.00	0.90	432388	0.260	Silicified	4%
339.00	340.00	1.00	432389	0.755	Sericitic alteration	2%
340.00	341.00	1.00	432391	0.765	Sericitic alteration	3%
341.00	342.00	1.00	432392	1.271	Sericitic alteration	2%
342.00	343.00	1.00	432393	0.475	Sericitic alteration	2%
343.00	344.05	1.05	432394	0.442	Sericitic alteration	1%
344.05	345.00	0.95	432395	0.610	Sericitic alteration	4%
345.00	346.00	1.00	432397	2.338	Sericitic alteration	1%
346.00	347.00	1.00	432398	2.651	Sericitic alteration	2%
347.00	348.00	1.00	432399	1.613	Sericitic alteration	4%
348.00	349.00	1.00	432400	4.390	Sericitic alteration	3%
349.00	350.00	1.00	432401	0.231	Sericitic alteration	2%
350.00	351.11	1.11	432402	0.884	Sericitic alteration	5%
351.11	352.00	0.89	432403	2.635	Sericitic alteration	20%
352.00	353.00	1.00	432404	1.038	Sericitic alteration	4%
353.00	354.00	1.00	432405	0.421	Sericitic alteration	5%
354.00	355.00	1.00	432406	0.323	Sericitic alteration	3%
355.00	356.00	1.00	432407	0.641	Sericitic alteration	5%
356.00	357.00	1.00	432408	1.038	Sericitic alteration	4%
357.00	357.51	0.51	432409	0.643	Sericitic alteration	5%

Justin started logging

From	To	Lithologic Group	
357.51	361.00	Diabase	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
357.51	359.00	1.49	432411	0.012	Epidote alteration		fine grained, plagioclase phyrric, dark greenish grey, massive
359.00	360.28	1.28	432413	0.006	Epidote alteration		

From 361.00	To 393.00	Lithologic Group Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
360.28	361.00	0.72	432414	0.607	Sericitic alteration	2%	
361.00	362.00	1.00	432415	0.352	Sericitic alteration	2%	medium grained, massive, equigranular, light grey, dark greenish grey matrix, magnetic matrix.
362.00	363.00	1.00	432416	1.811	Sericitic alteration	3%	
363.00	364.00	1.00	432417	1.709	Sericitic alteration	3%	
364.00	365.07	1.07	432418	1.194	Sericitic alteration	3%	
365.07	366.00	0.93	432419	0.472	Sericitic alteration	3%	
366.00	367.00	1.00	432420	1.013	Sericitic alteration	4%	
367.00	368.00	1.00	432421	0.634	Silicified	2%	
368.00	369.10	1.10	432422	0.386	Silicified	3%	
369.10	370.00	0.90	432423	2.366	Silicified	2%	
370.00	371.00	1.00	432425	1.067	Sericitic alteration	4%	
371.00	372.00	1.00	432426	0.463	Silicified	2%	
372.00	373.00	1.00	432427	0.762	Silicified	3%	
373.00	374.00	1.00	432428	3.950	Silicified	4%	
374.00	375.00	1.00	432429	1.521	Sericitic alteration	3%	
375.00	375.92	0.92	432431	1.141	Sericitic alteration	4%	
375.92	377.14	1.22	432432	1.083	Sericitic alteration	3%	
377.14	378.00	0.86	432433	2.199	Sericitic alteration	2%	
378.00	379.00	1.00	432434	0.883	Sericitic alteration	3%	sil alt. overprint of breccia
379.00	380.00	1.00	432435	1.958	Sericitic alteration	3%	
380.00	381.00	1.00	432437	0.866	Sericitic alteration	3%	
381.00	382.00	1.00	432438	1.667	Sericitic alteration	4%	
382.00	383.00	1.00	432439	0.641	Sericitic alteration	2%	
383.00	384.08	1.08	432440	1.475	Silicified	5%	
384.08	385.04	0.96	432441	5.870	Silicified	4%	VG and TE in vein at 384.88m
385.04	386.00	0.96	432443	0.801	Silicified	3%	
386.00	387.00	1.00	432444	2.999	Sericitic alteration	4%	VG in vein at 386.06
387.00	387.86	0.86	432446	5.390	Sericitic alteration	3%	
387.86	388.46	0.60	432447	2.309	Sericitic alteration	4%	
388.46	389.00	0.54	432449	2.888	Silicified	3%	
389.00	390.00	1.00	432451	3.350	Sericitic alteration	5%	
390.00	391.00	1.00	432452	3.530	Sericitic alteration	3%	TE in vein at 390.15m, VG and TE in vein at 390.63m
391.00	392.00	1.00	432454	6.200	Sericitic alteration	3%	sil-ser alt overprinting matrix
392.00	393.00	1.00	432455	1.940	Sericitic alteration	3%	

From	To	Lithologic Group					
393.00	394.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
393.00	394.00	1.00	432456	11.400	Sericitic alteration	10%	medium grained, equigranular, light grey, foliated,
From	To	Lithologic Group					
394.00	396.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
394.00	395.00	1.00	432457	3.920	Sericitic alteration	3%	medium grained, equigranular, 5% matrix, light grey with dark grey matrix.
395.00	396.00	1.00	432458	2.929	Sericitic alteration	8%	
From	To	Lithologic Group					
396.00	397.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
396.00	397.00	1.00	432459	2.289	Sericitic alteration	3%	Medium grained, equigranular, massive, light grey
From	To	Lithologic Group					
397.00	398.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
397.00	398.00	1.00	432461	4.990	Sericitic alteration	3%	5% matrix
From	To	Lithologic Group					
398.00	399.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
398.00	399.00	1.00	432462	6.110	Sericitic alteration	6%	medium grained, equigranular, massive, light grey
From	To	Lithologic Group					
399.00	400.33	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
399.00	400.33	1.33	432463	23.000	Sericitic alteration	8%	VG and TE in vein at 399.25m, VG in vein at 399.35m, VG and TE in vein at 400.24m
From	To	Lithologic Group					
400.33	401.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
400.33	401.00	0.67	432465	4.370	Sericitic alteration	2%	
From	To	Lithologic Group					
401.00	406.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
401.00	402.00	1.00	432466	9.510	Sericitic alteration	3%	VG in vein at 401.16m
402.00	403.00	1.00	432468	5.710	Sericitic alteration	2%	VG in vein at 402.58m
403.00	404.00	1.00	432472	2.630	Sericitic alteration	3%	432472 not a blank this time due to 432471 being a blank.

404.00	405.00	1.00	432473	1.771	Sericitic alteration	5%	VG in vein at 404.98m, in-situe looking breccia
405.00	406.00	1.00	432475	1.115	Sericitic alteration	5%	very little matrix
From 406.00	To 409.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
406.00	407.00	1.00	432476	6.290	Sericitic alteration	20%	flooded by quartz-sulphide veins
407.00	408.00	1.00	432477	23.200	Sericitic alteration	35%	flooded with quartz-sulphide veins
408.00	409.00	1.00	432478	29.900	Sericitic alteration	25%	similar "flooding" with vein
From 409.00	To 409.91		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
409.00	409.91	0.91	432480	6.190	Sericitic alteration	6%	sil-ser alt. overprint makes matrix hard to distinguish
From 409.91	To 412.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
409.91	411.00	1.09	432481	1.677	Sericitic alteration	6%	medium grained, massive, equigranular, light grey
411.00	412.00	1.00	432482	3.390	Sericitic alteration	8%	
From 412.00	To 416.00		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
412.00	413.00	1.00	432483	2.858	Sericitic alteration	8%	sulphide and micaceous matrix
413.00	414.00	1.00	432485	1.824	Sericitic alteration	7%	
414.00	414.99	0.99	432486	2.172	Sericitic alteration	6%	
414.99	416.00	1.01	432487	1.270	Sericitic alteration	6%	
From 416.00	To 427.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
416.00	417.00	1.00	432488	1.422	Sericitic alteration	4%	medium grained, massive, equigranular, light grey
417.00	418.00	1.00	432489	0.365	Sericitic alteration	4%	
418.00	419.00	1.00	432491	0.949	Sericitic alteration	3%	
419.00	419.64	0.64	432492	0.640	Sericitic alteration	2%	
419.64	421.00	1.36	432493	1.667	Sericitic alteration	5%	VG in vein at 420.05m,
421.00	421.72	0.72	432495	1.261	Silicified	6%	
421.72	423.00	1.28	432497	1.452	Sericitic alteration	2%	
423.00	424.00	1.00	432498	1.044	Sericitic alteration	2%	
424.00	424.53	0.53	432499	1.554	Sericitic alteration	2%	
424.53	426.00	1.47	432500	0.514	Sericitic alteration	1%	less fractured, very strong Ser alt.

426.00	427.00	1.00	432501	0.178	Sericitic alteration	1%	
From 427.00	To 432.00		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
427.00	428.30	1.30	432502	0.199	Sericitic alteration	1%	very strong sil-ser alt. overprint of matrix, could be diorite frags.
428.30	429.00	0.70	432503	0.289	Sericitic alteration	0%	very strong alt. overprint of matrix
429.00	430.00	1.00	432504	0.285	Sericitic alteration	1%	very stron alt. overprint of matrix
430.00	430.98	0.98	432505	0.005	Sericitic alteration	1%	very strong alt. overprint, could be diorite frags instead of matrix, very diffuse contacts.
430.98	432.00	1.02	432506	0.012	Sericitic alteration	1%	very strong alt. overprint of matrix.
From 432.00	To 439.50		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
432.00	433.50	1.50	432507	0.016	Sericitic alteration	1%	medium grained, equigranular, massive, light grey
433.50	434.50	1.00	432508	0.026	Sericitic alteration	0%	
434.50	435.50	1.00	432509	0.011	Sericitic alteration	1%	
435.50	436.50	1.00	432511	0.064	Sericitic alteration	4%	
436.50	437.50	1.00	432513	0.037	Sericitic alteration	1%	
437.50	438.50	1.00	432514	0.019	Sericitic alteration	1%	
438.50	439.50	1.00	432515	0.008	Sericitic alteration	1%	EOH

DRILL HOLE REPORT

Drill Hole **GOS21-67** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -65.0
 Length 162.0 m
 Started 06-Mar-21
 Completed 11-Mar-21
 Logged 13-Mar-21
 Logged by Justin Bisailon

Company
 Contractor Chenier Drilling Ltd
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Cemented

Survey Details:

Claim Number MLO-10658
 Property Chester 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Multi-shot Survey
 Coord Survey Tool SURV

Coordinates:

Easting 431307.98
 Northing 5267757.05
 Elevation 380.71

UTM Datum NAD83

UTM Zone 17

Target

Comments log By laurent from start.

No RQD cause error when copying in

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
33.0	328.35	-66.26		SS							
50.0	329.17	-65.80		SS							
100.0	330.14	-65.35		SS							
150.0	332.46	-65.26		SS							

From 0.00	To 22.00	Lithologic Group Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	22.00	22.00			Unaltered		
From 22.00	To 48.37	Lithologic Group Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
22.00	23.25	1.25	438001	0.900	Sericitic alteration	0%	x possibly TonII Bx, 50% ton wallrock and 50% tonalite matrix, medium grained, massive, light grey, spotty with rust
23.25	24.00	0.75	438002	0.914	Sericitic alteration	2%	x medium grained, massive, light grey, equigranular
24.00	25.00	1.00	438003	0.549	Sericitic alteration	4%	x
25.00	26.00	1.00	438004	0.693	Sericitic alteration	4%	x
26.00	27.00	1.00	438005	0.196	Sericitic alteration	3%	x
27.00	28.00	1.00	438006	0.097	Sericitic alteration	3%	x
28.00	29.00	1.00	438007	0.264	Sericitic alteration	3%	x
29.00	30.00	1.00	438008	0.041	Sericitic alteration	4%	x
30.00	31.00	1.00	438009	0.005	Sericitic alteration	2%	x
31.00	32.00	1.00	438011	0.069	Sericitic alteration	4%	x
32.00	33.00	1.00	438013	0.107	Sericitic alteration	5%	x
33.00	34.00	1.00	438014	0.155	Sericitic alteration	8%	x
34.00	35.00	1.00	438015	0.142	Sericitic alteration	4%	x
35.00	36.00	1.00	438016	0.403	Sericitic alteration	3%	x
36.00	37.00	1.00	438017	0.419	Sericitic alteration	5%	x
37.00	38.00	1.00	438018	0.132	Sericitic alteration	5%	x
38.00	39.00	1.00	438019	0.030	Silicified	7%	x
39.00	40.00	1.00	438020	0.123	Silicified	5%	x
40.00	41.00	1.00	438021	0.114	Silicified	4%	x
41.00	42.00	1.00	438022	0.227	Silicified	4%	x
42.00	43.00	1.00	438023	0.339	Silicified	3%	x
43.00	44.00	1.00	438025	0.307	Silicified	2%	x
44.00	45.00	1.00	438026	0.418	Silicified	2%	x
45.00	46.00	1.00	438027	0.218	Silicified	2%	x
46.00	47.00	1.00	438028	0.419	Silicified	2%	x
47.00	48.37	1.37	438029	0.123	Silicified	2%	x

From	To	Lithologic Group					
48.37	50.85	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
48.37	49.51	1.14	438031	0.014	Chloritic alteration	10%	x
49.51	50.85	1.34	438032	0.015	Chloritic alteration	10%	x
From	To	Lithologic Group					
50.85	79.10	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
50.85	52.00	1.15	438033	0.035	Silicified	2%	x
52.00	53.00	1.00	438034	0.044	Silicified	5%	x
53.00	54.00	1.00	438035	0.043	Silicified	3%	x
54.00	55.00	1.00	438037	0.062	Silicified	4%	x
55.00	56.00	1.00	438038	0.046	Silicified	4%	x
56.00	57.00	1.00	438039	0.026	Silicified	2%	x
57.00	58.00	1.00	438040	0.074	Silicified	3%	x
58.00	59.00	1.00	438041	0.045	Silicified	2%	x
59.00	60.00	1.00	438042	0.200	Silicified	1%	x
60.00	60.95	0.95	438043	0.078	Silicified	3%	x
60.95	62.00	1.05	438044	0.072	Silicified	3%	x
62.00	63.00	1.00	438045	0.038	Silicified	2%	x
63.00	64.00	1.00	438046	0.046	Silicified	4%	x
64.00	65.00	1.00	438047	0.266	Silicified	4%	x
65.00	66.00	1.00	438049	0.060	Silicified	5%	x
66.00	67.00	1.00	438051	0.035	Silicified	5%	x
67.00	68.00	1.00	438052	0.028	Silicified	4%	x
68.00	69.00	1.00	438053	0.070	Silicified	4%	x
69.00	70.00	1.00	438054	0.010	Silicified	3%	x
70.00	71.00	1.00	438055	0.039	Silicified	5%	x
71.00	72.00	1.00	438056	0.112	Silicified	4%	x
72.00	73.00	1.00	438057	0.146	Silicified	4%	x
73.00	74.00	1.00	438058	2.811	Silicified	7%	x
74.00	75.00	1.00	438059	0.041	Silicified	3%	x
75.00	75.70	0.70	438061	0.145	Silicified	3%	x
75.70	77.10	1.40	438062	0.160	Silicified	8%	x 50cm of dyke in 2 saperate small dykes
77.10	78.00	0.90	438063	0.106	Silicified	2%	x
78.00	79.10	1.10	438064	0.150	Sericitic alteration	25%	x
From	To	Lithologic Group					
79.10	80.60	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
79.10	80.60	1.50	438065	0.148	Chloritic alteration	4%	x

From 80.60	To 106.45	Lithologic Group					
		Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
80.60	81.00	0.40	438066	0.253	Sericitic alteration	10%	x
81.00	82.00	1.00	438067	0.213	Silicified	5%	x
82.00	83.00	1.00	438068	0.139	Silicified	4%	x
83.00	84.00	1.00	438069	0.179	Silicified	2%	x
84.00	85.00	1.00	438071	0.167	Silicified	1%	x
85.00	86.00	1.00	438073	0.149	Silicified	2%	x
86.00	87.00	1.00	438074	0.224	Silicified	2%	x
87.00	88.00	1.00	438075	0.286	Silicified	5%	x
88.00	89.00	1.00	438076	0.188	Silicified	3%	x
89.00	90.00	1.00	438077	0.085	Silicified	3%	x
90.00	91.00	1.00	438078	0.064	Silicified	3%	x
91.00	92.00	1.00	438079	0.071	Silicified	2%	x
92.00	93.00	1.00	438080	0.025	Silicified	2%	x
93.00	94.00	1.00	438081	0.079	Silicified	3%	x
94.00	95.00	1.00	438082	0.026	Silicified	4%	x
95.00	96.00	1.00	438083	0.026	Silicified	4%	x
96.00	97.00	1.00	438085	0.090	Silicified	4%	x
97.00	98.00	1.00	438086	0.092	Silicified	3%	x
98.00	99.00	1.00	438087	0.088	Silicified	3%	x
99.00	100.00	1.00	438088	0.271	Silicified	3%	x
100.00	101.00	1.00	438089	0.012	Silicified	2%	x
101.00	102.00	1.00	438091	0.026	Sericitic alteration	5%	x
102.00	103.00	1.00	438092	0.031	Sericitic alteration	3%	x
103.00	104.00	1.00	438093	0.052	Sericitic alteration	3%	x
104.00	105.00	1.00	438094	0.375	Silicified	2%	x
105.00	106.45	1.45	438095	0.028	Silicified	3%	x

From 106.45	To 112.40	Lithologic Group					
		Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
106.45	107.00	0.55	438097	0.017	Chloritic alteration	6%	x
107.00	108.00	1.00	438098	0.021	Chloritic alteration	10%	x
108.00	109.00	1.00	438099	0.025	Chloritic alteration	10%	x
109.00	110.00	1.00	438100	0.030	Chloritic alteration	30%	x
110.00	111.00	1.00	438101	0.067	Chloritic alteration	70%	x
111.00	112.40	1.40	438102	0.052	Chloritic alteration	20%	x

From 112.40	To 139.00	Lithologic Group					
		Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
112.40	113.00	0.60	438103	0.085	Silicified	4%	x

113.00	114.00	1.00	438104	0.271	Silicified	4%	x
114.00	115.00	1.00	438105	0.663	Silicified	3%	x
115.00	116.00	1.00	438106	0.429	Sericitic alteration	6%	x
116.00	117.00	1.00	438107	0.019	Silicified	6%	x
117.00	118.00	1.00	438108	0.336	Silicified	4%	x
118.00	119.00	1.00	438109	0.058	Silicified	10%	x // vn to core
119.00	120.00	1.00	438111	0.049	Silicified	40%	x // vn to core
120.00	121.00	1.00	438113	0.890	Silicified	25%	x // vn to core
121.00	122.00	1.00	438114	0.164	Silicified	50%	x // vn to core
122.00	123.00	1.00	438115	0.366	Silicified	20%	x
123.00	124.00	1.00	438116	0.466	Silicified	3%	x
124.00	125.00	1.00	438117	2.950	Silicified	3%	x
125.00	126.00	1.00	438118	1.015	Silicified	3%	x
126.00	127.00	1.00	438119	0.277	Silicified	4%	x
127.00	128.00	1.00	438120	0.372	Silicified	3%	x
128.00	129.00	1.00	438121	0.323	Silicified	5%	x
129.00	130.00	1.00	438122	0.017	Silicified	6%	x
130.00	131.00	1.00	438123	0.255	Silicified	5%	x
131.00	132.50	1.50	438125	0.239	Sericitic alteration	5%	x Flt Bx + Dyke
132.50	134.00	1.50	438126	0.300	Silicified	5%	x small ton 2 dyke
134.00	135.00	1.00	438127	0.153	Silicified	5%	x
135.00	136.00	1.00	438128	0.064	Silicified	4%	x
136.00	137.00	1.00	438129	0.072	Silicified	4%	x
137.00	138.00	1.00	438131	0.133	Silicified	5%	x
138.00	139.00	1.00	438132	0.229	Silicified	3%	x

From	To	Lithologic Group					
139.00	140.00	Quartz Diorite Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
139.00	140.00	1.00	438133	0.073	Silicified	5%	x

From	To	Lithologic Group					
140.00	142.20	Quartz diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
140.00	141.00	1.00	438134	0.299	Chloritic alteration	6%	x
141.00	142.20	1.20	438135	1.309	Chloritic alteration	5%	x

From	To	Lithologic Group					
142.20	147.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
142.20	143.00	0.80	438137	0.105	Silicified	3%	x
143.00	144.00	1.00	438138	0.029	Silicified	3%	x
144.00	145.00	1.00	438139	0.069	Silicified	5%	x
145.00	146.00	1.00	438140	0.131	Silicified	3%	x
146.00	147.00	1.00	438141	0.118	Silicified	8%	x

From	To	Lithologic Group					
147.00	150.00	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
147.00	148.00	1.00	438142	0.748	Silicified	4%	x
148.00	149.00	1.00	438143	1.368	Silicified	5%	x mostly ton 2 Mo++ in Vns
149.00	150.00	1.00	438144	2.468	Silicified	4%	x
From	To	Lithologic Group					
150.00	152.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
150.00	151.00	1.00	438145	1.162	Silicified	4%	x
151.00	152.00	1.00	438146	1.433	Silicified	5%	x ton 2 bx <5-10%
From	To	Lithologic Group					
152.00	153.00	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
152.00	153.00	1.00	438147	4.400	Silicified	3%	x
From	To	Lithologic Group					
153.00	156.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
153.00	154.00	1.00	438149	1.922	Silicified	8%	x
154.00	155.00	1.00	438151	0.315	Silicified	8%	x
155.00	156.00	1.00	438152	2.111	Silicified	8%	x
From	To	Lithologic Group					
156.00	158.00	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
156.00	157.00	1.00	438153	2.914	Silicified	6%	x
157.00	158.00	1.00	438154	5.830	Silicified	6%	x
From	To	Lithologic Group					
158.00	161.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
158.00	159.00	1.00	438155	7.610	Silicified	4%	x
159.00	160.00	1.00	438156	5.380	Silicified	4%	x
160.00	161.00	1.00	438157	8.030	Silicified	5%	x
From	To	Lithologic Group					
161.00	162.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
161.00	162.00	1.00	438158	0.884	Silicified	5%	x

DRILL HOLE REPORT

Drill Hole **GOS21-68**

Project **Gosselin**

Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -65.0
 Length 453.0 m
 Started 12-Mar-21
 Completed 25-Mar-21
 Logged 27-Mar-21
 Logged by Brian Tomczuk

Company
 Contractor Chenier Drilling Services
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Cemented

Survey Details:

Claim Number PAT-11121
 Property Chester 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool DGPS

Target

Coordinates: Easting 431022.93

Comments

UTM Datum NAD83 Northing 5267545.80

UTM Zone 17 Elevation 380.73

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
69.0	330.73	-63.68		RM	Good	105.0	330.49	-63.49		RM	Good
72.0	330.19	-63.60		RM	Good	108.0	330.53	-63.47		RM	Good
75.0	329.31	-63.68		RM	Good	111.0	330.93	-62.98		RM	Good
81.0	329.85	-63.65		RM	Good	114.0	330.58	-63.45		RM	Good
84.0	329.99	-63.68		RM	Good	117.0	330.68	-63.30		RM	Good
87.0	330.85	-63.70		RM	Good	120.0	330.64	-63.29		RM	Good
90.0	330.07	-63.64		RM	Good	123.0	330.58	-63.29		RM	Good
96.0	330.47	-63.61		RM	Good	126.0	330.73	-63.28		RM	Good
99.0	330.45	-63.56		RM	Good	129.0	330.85	-63.24		RM	Good
102.0	330.48	-63.55		RM	Good	132.0	330.52	-63.53		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
135.0	330.90	-63.30		RM	Good
138.0	330.89	-63.29		RM	Good
141.0	330.98	-63.31		RM	Good
144.0	330.95	-63.32		RM	Good
147.0	331.05	-63.27		RM	Good
150.0	331.05	-63.32		RM	Good
153.0	331.05	-63.34		RM	Good
156.0	331.11	-63.32		RM	Good
159.0	331.12	-63.30		RM	Good
162.0	331.08	-63.29		RM	Good
165.0	331.04	-63.32		RM	Good
168.0	331.07	-63.31		RM	Good
171.0	331.05	-63.30		RM	Good
174.0	331.16	-63.34		RM	Good
177.0	331.22	-63.33		RM	Good
180.0	331.22	-63.32		RM	Good
183.0	331.35	-63.30		RM	Good
186.0	331.48	-63.24		RM	Good
189.0	331.42	-63.29		RM	Good
192.0	331.49	-63.33		RM	Good
195.0	331.45	-63.29		RM	Good
198.0	331.41	-63.31		RM	Good
201.0	331.67	-63.26		RM	Good
204.0	331.64	-63.29		RM	Good
207.0	331.85	-63.22		RM	Good
210.0	331.84	-63.26		RM	Good
213.0	331.98	-63.26		RM	Good
216.0	331.93	-63.25		RM	Good
219.0	331.99	-63.24		RM	Good
222.0	332.03	-63.19		RM	Good
225.0	332.13	-63.20		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
228.0	332.20	-63.21		RM	Good
231.0	332.45	-63.06		RM	Good
234.0	332.32	-63.14		RM	Good
237.0	332.51	-63.12		RM	Good
240.0	332.61	-63.16		RM	Good
243.0	332.63	-63.17		RM	Good
246.0	332.71	-63.10		RM	Good
249.0	332.67	-63.22		RM	Good
252.0	332.70	-63.21		RM	Good
255.0	332.77	-63.27		RM	Good
258.0	332.92	-63.25		RM	Good
261.0	332.95	-63.25		RM	Good
264.0	333.05	-63.24		RM	Good
267.0	333.15	-63.21		RM	Good
270.0	333.24	-63.19		RM	Good
273.0	333.28	-63.20		RM	Good
276.0	333.32	-63.12		RM	Good
279.0	333.49	-63.11		RM	Good
282.0	333.54	-63.09		RM	Good
285.0	333.61	-63.04		RM	Good
288.0	333.67	-63.09		RM	Good
291.0	333.69	-63.11		RM	Good
294.0	333.71	-63.12		RM	Good
297.0	333.74	-63.14		RM	Good
300.0	333.77	-63.07		RM	Good
303.0	333.77	-63.06		RM	Good
306.0	333.82	-63.06		RM	Good
309.0	333.87	-63.03		RM	Good
312.0	333.81	-63.04		RM	Good
315.0	333.93	-62.99		RM	Good
318.0	333.97	-63.01		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
321.0	333.98	-63.01		RM	Good
324.0	334.06	-63.04		RM	Good
327.0	334.10	-63.04		RM	Good
330.0	334.12	-63.07		RM	Good
333.0	334.21	-63.07		RM	Good
336.0	334.25	-63.12		RM	Good
339.0	334.25	-63.11		RM	Good
342.0	334.31	-63.08		RM	Good
345.0	334.39	-63.09		RM	Good
348.0	334.38	-63.11		RM	Good
351.0	334.46	-63.15		RM	Good
354.0	334.37	-63.19		RM	Good
360.0	334.65	-63.22		RM	Good
363.0	334.68	-63.23		RM	Good
366.0	334.63	-63.16		RM	Good
369.0	334.62	-63.14		RM	Good
372.0	334.61	-63.13		RM	Good
375.0	334.63	-63.16		RM	Good
378.0	334.65	-63.11		RM	Good
381.0	334.66	-63.13		RM	Good
384.0	334.54	-63.02		RM	Good
387.0	334.88	-62.99		RM	Good
390.0	334.80	-63.02		RM	Good
393.0	334.80	-63.01		RM	Good
396.0	334.80	-62.99		RM	Good
399.0	334.82	-63.01		RM	Good
402.0	334.88	-62.98		RM	Good
405.0	334.79	-62.99		RM	Good
408.0	334.86	-62.96		RM	Good
411.0	334.85	-62.99		RM	Good
414.0	334.90	-62.94		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
417.0	335.03	-62.87		RM	Good
420.0	335.11	-62.84		RM	Good
423.0	335.10	-62.89		RM	Good
426.0	335.10	-62.84		RM	Good
429.0	335.18	-62.83		RM	Good
432.0	335.13	-62.85		RM	Good
435.0	335.22	-62.87		RM	Good
438.0	335.13	-62.87		RM	Good
441.0	335.16	-62.93		RM	Good
444.0	335.35	-62.92		RM	Good
447.0	335.27	-62.93		RM	Good
450.0	335.51	-62.91		RM	Good
453.0	335.48	-62.94		RM	Good

From	To	Lithologic Group					
0.00	12.65	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	12.65	12.65			Unaltered		
From	To	Lithologic Group					
12.65	24.80	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
12.65	14.00	1.35	438159	0.017	Sericitic alteration	1%	Tonalite, mg, non-magnetic, light grey-beige, massive
14.00	15.00	1.00	438161	0.067	Sericitic alteration	1%	
15.00	16.00	1.00	438162	0.025	Sericitic alteration	2%	
16.00	17.00	1.00	438163	0.200	Sericitic alteration	2%	
17.00	18.00	1.00	438164	0.018	Sericitic alteration	2%	
18.00	19.00	1.00	438165	0.054	Sericitic alteration	3%	
19.00	20.00	1.00	438166	0.038	Sericitic alteration	4%	
20.00	21.00	1.00	438167	0.088	Sericitic alteration	3%	
21.00	22.00	1.00	438168	0.080	Sericitic alteration	1%	
22.00	23.00	1.00	438169	0.017	Sericitic alteration	2%	
23.00	24.00	1.00	438171	0.176	Sericitic alteration	1%	
24.00	24.80	0.80	438173	0.021	Sericitic alteration	1%	
From	To	Lithologic Group					
24.80	27.20	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
24.80	26.00	1.20	438174	0.015	Unaltered	5%	Diabase, drk gry-black, fg, massive, magnetic w epidote altd plagioclase phenocrysts
26.00	27.20	1.20	438175	0.007	Unaltered	2%	
From	To	Lithologic Group					
27.20	35.85	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
27.20	28.00	0.80	438176	0.398	Sericitic alteration	1%	Tonalite, mg, non-magnetic, light grey-beige, massive
28.00	29.00	1.00	438177	0.144	Sericitic alteration	1%	
29.00	30.00	1.00	438178	0.191	Sericitic alteration	1%	poss vfg sphalerite
30.00	31.35	1.35	438179	0.263	Sericitic alteration	3%	
31.35	33.00	1.65	438180	0.076	Sericitic alteration	1%	
33.00	34.00	1.00	438181	0.100	Sericitic alteration	1%	Fault Zone - rubbly angular
34.00	35.00	1.00	438182	0.020	Sericitic alteration	2%	Fault Zone - rubbly angular
35.00	35.85	0.85	438183	0.010	Sericitic alteration	1%	

From	To	Lithologic Group					
35.85	39.12	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
35.85	37.50	1.65	438185	0.008	Unaltered	3%	Diabase, drk gry-black, fg, massive, magnetic w epidote altd plagioclase phenocrysts
37.50	39.12	1.62	438186	0.012	Unaltered	1%	Diabase, drk gry-black, fg, massive, magnetic w epidote altd plagioclase phenocrysts

From	To	Lithologic Group					
39.12	181.35	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
39.12	40.00	0.88	438187	0.025	Sericitic alteration	2%	Tonalite, mg, non-magnetic, light grey-beige, massive
40.00	41.00	1.00	438188	0.023	Sericitic alteration	4%	
41.00	42.00	1.00	438189	0.038	Sericitic alteration	3%	
42.00	43.00	1.00	438191	0.037	Sericitic alteration	1%	
43.00	44.00	1.00	438192	0.121	Sericitic alteration	3%	
44.00	45.00	1.00	438193	0.075	Sericitic alteration	1%	
45.00	46.00	1.00	438194	0.436	Sericitic alteration	2%	
46.00	47.00	1.00	438195	0.103	Sericitic alteration	1%	
47.00	48.00	1.00	438197	0.033	Sericitic alteration	1%	
48.00	49.00	1.00	438198	0.044	Sericitic alteration	1%	
49.00	50.00	1.00	438199	0.090	Sericitic alteration	2%	
50.00	51.00	1.00	438200	0.061	Sericitic alteration	3%	
51.00	52.00	1.00	438201	0.217	Sericitic alteration	1%	
52.00	53.00	1.00	438202	0.304	Sericitic alteration	1%	
53.00	54.00	1.00	438203	0.230	Sericitic alteration	0%	
54.00	55.00	1.00	438204	0.208	Sericitic alteration	1%	
55.00	56.00	1.00	438205	0.127	Sericitic alteration	1%	
56.00	57.00	1.00	438206	0.207	Sericitic alteration	2%	
57.00	58.00	1.00	438207	0.165	Sericitic alteration	1%	
58.00	59.00	1.00	438208	0.136	Sericitic alteration	2%	
59.00	60.00	1.00	438209	0.071	Sericitic alteration	3%	
60.00	61.00	1.00	438211	0.070	Sericitic alteration	4%	
61.00	62.00	1.00	438213	0.015	Sericitic alteration	3%	
62.00	63.00	1.00	438214	0.062	Sericitic alteration	1%	
63.00	64.00	1.00	438215	0.013	Sericitic alteration	1%	
64.00	65.00	1.00	438216	0.015	Sericitic alteration	1%	
65.00	66.00	1.00	438217	0.050	Sericitic alteration	2%	
66.00	67.00	1.00	438218	0.016	Sericitic alteration	1%	
67.00	68.00	1.00	438219	0.029	Sericitic alteration	3%	
68.00	69.00	1.00	438220	0.017	Sericitic alteration	1%	
69.00	70.50	1.50	438221	0.060	Sericitic alteration	1%	

70.50	71.50	1.00	438222	0.093	Sericitic alteration	5%	broken rubbly core due to brecciated vein parallel tca
71.50	72.50	1.00	438223	7.330	Sericitic alteration	5%	broken rubbly core due to brecciated vein parallel tca
72.50	73.40	0.90	438225	0.048	Sericitic alteration	2%	broken rubbly core due to brecciated vein parallel tca
73.40	74.50	1.10	438226	0.038	Sericitic alteration	1%	
74.50	75.50	1.00	438227	0.038	Sericitic alteration	2%	
75.50	76.50	1.00	438228	0.031	Sericitic alteration	2%	
76.50	77.50	1.00	438229	0.090	Sericitic alteration	1%	
77.50	78.42	0.92	438231	0.125	Sericitic alteration	1%	
78.42	80.15	1.73	438232	0.005	Chloritic alteration	1%	odd texture, no uphole contact but potential downhole
80.15	81.00	0.85	438233	0.037	Sericitic alteration	1%	
81.00	82.00	1.00	438234	0.075	Sericitic alteration	6%	
82.00	83.00	1.00	438235	0.035	Sericitic alteration	5%	
83.00	84.00	1.00	438237	0.017	Sericitic alteration	2%	
84.00	85.00	1.00	438238	0.016	Sericitic alteration	1%	
85.00	86.00	1.00	438239	0.062	Sericitic alteration	3%	
86.00	87.00	1.00	438240	0.092	Sericitic alteration	3%	
87.00	88.00	1.00	438241	0.070	Sericitic alteration	2%	
88.00	89.00	1.00	438242	0.024	Sericitic alteration	4%	
89.00	89.80	0.80	438243	0.261	Sericitic alteration	1%	
89.80	91.00	1.20	438244	0.056	Sericitic alteration	1%	similar to unit at 78.42m
91.00	92.00	1.00	438245	0.010	Sericitic alteration	8%	
92.00	92.70	0.70	438246	0.024	Sericitic alteration	1%	
92.70	94.00	1.30	438247	0.161	Sericitic alteration	1%	
94.00	95.00	1.00	438249	0.378	Sericitic alteration	6%	
95.00	96.00	1.00	438251	0.083	Sericitic alteration	2%	
96.00	97.00	1.00	438252	0.108	Sericitic alteration	4%	
97.00	98.00	1.00	438253	0.277	Sericitic alteration	1%	
98.00	99.00	1.00	438254	0.080	Sericitic alteration	1%	possible ser overprinted hybx - review assays
99.00	100.00	1.00	438255	0.521	Sericitic alteration	1%	
100.00	101.00	1.00	438256	0.418	Sericitic alteration	2%	
101.00	102.00	1.00	438257	0.024	Sericitic alteration	1%	possible ser overprinted hybx - review assays
102.00	103.00	1.00	438258	0.020	Sericitic alteration	3%	
103.00	104.00	1.00	438259	0.013	Sericitic alteration	3%	
104.00	105.25	1.25	438261	0.094	Sericitic alteration	1%	
105.25	106.00	0.75	438262	0.086	Sericitic alteration	0%	
106.00	107.00	1.00	438263	0.099	Sericitic alteration	1%	
107.00	108.00	1.00	438264	0.142	Sericitic alteration	4%	
108.00	109.00	1.00	438265	0.028	Sericitic alteration	10%	
109.00	110.00	1.00	438266	0.110	Sericitic alteration	5%	

110.00	111.00	1.00	438267	0.539	Sericitic alteration	3%	possible ser overprinted hybx - review assays
111.00	112.00	1.00	438268	0.579	Sericitic alteration	1%	possible ser overprinted hybx - review assays
112.00	113.00	1.00	438269	0.129	Sericitic alteration	1%	possible ser overprinted hybx - review assays
113.00	114.00	1.00	438271	0.137	Sericitic alteration	1%	
114.00	114.75	0.75	438273	0.225	Sericitic alteration	2%	
114.75	116.00	1.25	438274	0.500	Sericitic alteration	2%	possible ser overprinted hybx - review assays
116.00	117.00	1.00	438275	0.122	Sericitic alteration	4%	
117.00	118.00	1.00	438276	0.017	Sericitic alteration	5%	
118.00	119.00	1.00	438277	0.131	Sericitic alteration	4%	
119.00	120.00	1.00	438278	0.016	Sericitic alteration	1%	
120.00	121.00	1.00	438279	0.093	Sericitic alteration	3%	
121.00	122.00	1.00	438280	0.328	Sericitic alteration	3%	
122.00	123.00	1.00	438281	0.289	Sericitic alteration	1%	
123.00	124.00	1.00	438282	0.053	Sericitic alteration	0%	
124.00	125.00	1.00	438283	0.527	Sericitic alteration	5%	
125.00	126.00	1.00	438285	3.840	Sericitic alteration	5%	
126.00	127.00	1.00	438286	0.428	Sericitic alteration	1%	
127.00	128.00	1.00	438287	0.075	Sericitic alteration	2%	
128.00	129.00	1.00	438288	0.033	Sericitic alteration	2%	
129.00	130.00	1.00	438289	0.017	Sericitic alteration	3%	
130.00	131.00	1.00	438291	0.063	Sericitic alteration	2%	
131.00	132.00	1.00	438292	0.432	Sericitic alteration	5%	
132.00	133.00	1.00	438293	0.100	Sericitic alteration	4%	
133.00	134.00	1.00	438294	0.060	Sericitic alteration	3%	
134.00	135.00	1.00	438295	0.013	Sericitic alteration	5%	
135.00	136.00	1.00	438297	0.180	Sericitic alteration	2%	
136.00	137.00	1.00	438298	0.121	Sericitic alteration	3%	
137.00	138.00	1.00	438299	0.043	Sericitic alteration	1%	
138.00	139.00	1.00	438300	0.438	Sericitic alteration	2%	
139.00	140.00	1.00	438301	2.722	Sericitic alteration	1%	possible ser overprinted hybx - review assays
140.00	141.00	1.00	438302	0.334	Sericitic alteration	1%	possible ser overprinted hybx - review assays
141.00	142.00	1.00	438303	1.075	Sericitic alteration	6%	
142.00	143.00	1.00	438304	0.154	Sericitic alteration	1%	
143.00	144.00	1.00	438305	0.460	Sericitic alteration	1%	
144.00	145.00	1.00	438306	0.232	Sericitic alteration	2%	
145.00	146.00	1.00	438307	0.409	Sericitic alteration	5%	
146.00	147.00	1.00	438308	0.337	Sericitic alteration	1%	
147.00	148.00	1.00	438309	0.101	Sericitic alteration	15%	
148.00	149.00	1.00	438311	0.221	Sericitic alteration	2%	

149.00	150.00	1.00	438313	0.182	Sericitic alteration	2%	
150.00	151.00	1.00	438314	0.818	Sericitic alteration	1%	
151.00	152.00	1.00	438315	0.006	Sericitic alteration	1%	
152.00	153.00	1.00	438316	0.048	Sericitic alteration	1%	
153.00	154.00	1.00	438317	0.207	Sericitic alteration	5%	
154.00	155.00	1.00	438318	0.069	Sericitic alteration	3%	
155.00	156.00	1.00	438319	0.049	Sericitic alteration	1%	
156.00	157.00	1.00	438320	0.020	Sericitic alteration	2%	
157.00	158.00	1.00	438321	0.009	Sericitic alteration	2%	
158.00	159.00	1.00	438322	0.070	Sericitic alteration	1%	
159.00	160.00	1.00	438323	0.054	Sericitic alteration	3%	
160.00	161.00	1.00	438325	0.097	Sericitic alteration	1%	
161.00	162.00	1.00	438326	0.405	Sericitic alteration	3%	
162.00	163.00	1.00	438327	0.031	Sericitic alteration	6%	
163.00	164.00	1.00	438328	1.665	Sericitic alteration	4%	
164.00	165.00	1.00	438329	0.032	Sericitic alteration	1%	
165.00	166.00	1.00	438331	0.554	Sericitic alteration	2%	
166.00	167.00	1.00	438332	0.345	Sericitic alteration	1%	
167.00	168.00	1.00	438333	0.292	Sericitic alteration	1%	
168.00	169.00	1.00	438334	0.062	Sericitic alteration	0%	
169.00	170.00	1.00	438335	0.867	Sericitic alteration	1%	
170.00	171.00	1.00	438337	0.191	Sericitic alteration	0%	
171.00	172.00	1.00	438338	0.149	Sericitic alteration	1%	
172.00	173.00	1.00	438339	2.253	Sericitic alteration	2%	
173.00	174.00	1.00	438340	0.644	Sericitic alteration	0%	
174.00	175.00	1.00	438341	0.652	Sericitic alteration	1%	
175.00	176.00	1.00	438342	0.505	Sericitic alteration	1%	
176.00	177.00	1.00	438343	0.240	Sericitic alteration	2%	
177.00	178.00	1.00	438344	0.708	Sericitic alteration	4%	
178.00	179.00	1.00	438345	0.017	Sericitic alteration	5%	
179.00	180.00	1.00	438346	0.376	Sericitic alteration	1%	
180.00	181.35	1.35	438347	2.851	Sericitic alteration	1%	sil intensifying towards contact; ton brecciated loc to contact

From	To	Lithologic Group					
181.35	184.50	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
181.35	183.00	1.65	438349	0.015	Chloritic alteration	0%	diorite dyke, drk gry-grn, mg, non magnetic, faulted and fractured core
183.00	184.50	1.50	438351	0.007	Chloritic alteration	0%	

From	To	Lithologic Group					
184.50	262.23	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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184.50	185.50	1.00	438352	0.209	Sericitic alteration	1%	Tonalite, mg, non-magnetic, light grey-beige, massive
185.50	186.50	1.00	438353	1.100	Sericitic alteration	3%	
186.50	187.50	1.00	438354	0.725	Sericitic alteration	2%	
187.50	188.50	1.00	438355	0.223	Sericitic alteration	1%	
188.50	189.50	1.00	438356	0.321	Sericitic alteration	1%	
189.50	190.50	1.00	438357	0.005	Sericitic alteration	3%	
190.50	191.50	1.00	438358	0.041	Sericitic alteration	1%	
191.50	192.50	1.00	438359	0.106	Sericitic alteration	1%	
192.50	193.50	1.00	438361	9.610	Sericitic alteration	0%	
193.50	194.50	1.00	438362	0.014	Sericitic alteration	0%	
194.50	195.50	1.00	438363	0.363	Sericitic alteration	5%	
195.50	196.50	1.00	438364	0.050	Sericitic alteration	1%	
196.50	197.50	1.00	438365	0.274	Sericitic alteration	2%	
197.50	198.50	1.00	438366	0.301	Sericitic alteration	3%	
198.50	199.50	1.00	438367	0.124	Sericitic alteration	3%	
199.50	200.50	1.00	438368	0.425	Sericitic alteration	3%	
200.50	201.50	1.00	438369	0.238	Sericitic alteration	1%	
201.50	202.50	1.00	438371	0.031	Sericitic alteration	2%	
202.50	203.50	1.00	438373	0.241	Sericitic alteration	1%	
203.50	204.50	1.00	438374	0.084	Sericitic alteration	1%	
204.50	205.50	1.00	438375	0.831	Sericitic alteration	4%	
205.50	206.50	1.00	438376	0.217	Sericitic alteration	1%	
206.50	207.50	1.00	438377	0.755	Sericitic alteration	3%	
207.50	208.50	1.00	438378	0.068	Sericitic alteration	0%	
208.50	209.50	1.00	438379	0.158	Sericitic alteration	1%	
209.50	210.50	1.00	438380	0.297	Sericitic alteration	0%	
210.50	211.50	1.00	438381	0.232	Sericitic alteration	1%	
211.50	212.50	1.00	438382	0.293	Sericitic alteration	0%	
212.50	213.50	1.00	438383	0.684	Sericitic alteration	1%	
213.50	214.50	1.00	438385	0.013	Sericitic alteration	7%	
214.50	215.50	1.00	438386	0.655	Sericitic alteration	5%	
215.50	216.50	1.00	438387	0.015	Sericitic alteration	1%	
216.50	217.50	1.00	438388	0.015	Sericitic alteration	3%	
217.50	218.50	1.00	438389	0.011	Sericitic alteration	2%	
218.50	219.50	1.00	438391	0.115	Sericitic alteration	0%	
219.50	220.50	1.00	438392	0.188	Sericitic alteration	1%	
220.50	221.50	1.00	438393	1.183	Sericitic alteration	0%	
221.50	222.50	1.00	438394	0.104	Sericitic alteration	1%	
222.50	223.50	1.00	438395	0.173	Sericitic alteration	0%	
223.50	224.50	1.00	438397	0.705	Sericitic alteration	3%	
224.50	225.50	1.00	438398	0.401	Sericitic alteration	1%	
225.50	226.50	1.00	438399	0.217	Sericitic alteration	1%	

226.50	227.50	1.00	438400	0.621	Sericitic alteration	0%	
227.50	228.50	1.00	438401	0.382	Sericitic alteration	0%	
228.50	229.50	1.00	438402	0.865	Sericitic alteration	0%	
229.50	231.00	1.50	438403	0.221	Sericitic alteration	0%	
231.00	231.78	0.78	438404	8.700	Sericitic alteration	95%	1 large qtz-cb-chl-py-po vein; mineral percents are based on 5% wallrock material
231.78	233.00	1.22	438405	1.063	Sericitic alteration	0%	
233.00	234.00	1.00	438406	4.470	Sericitic alteration	0%	
234.00	235.00	1.00	438407	1.232	Sericitic alteration	0%	
235.00	236.00	1.00	438408	2.449	Sericitic alteration	1%	
236.00	237.00	1.00	438409	1.205	Sericitic alteration	1%	
237.00	238.00	1.00	438411	0.414	Sericitic alteration	20%	
238.00	239.00	1.00	438413	0.800	Sericitic alteration	1%	
239.00	240.00	1.00	438414	1.815	Sericitic alteration	2%	
240.00	241.00	1.00	438415	0.462	Sericitic alteration	1%	
241.00	242.00	1.00	438416	0.138	Sericitic alteration	3%	
242.00	243.00	1.00	438417	0.332	Sericitic alteration	1%	
243.00	244.00	1.00	438418	1.117	Sericitic alteration	3%	
244.00	245.00	1.00	438419	0.126	Sericitic alteration	4%	
245.00	246.00	1.00	438420	0.215	Sericitic alteration	2%	
246.00	247.00	1.00	438421	0.446	Sericitic alteration	0%	
247.00	248.00	1.00	438422	0.075	Sericitic alteration	6%	
248.00	249.00	1.00	438423	0.273	Sericitic alteration	2%	
249.00	250.00	1.00	438425	0.091	Sericitic alteration	0%	
250.00	251.00	1.00	438426	0.073	Sericitic alteration	2%	
251.00	252.00	1.00	438427	0.615	Sericitic alteration	1%	
252.00	253.00	1.00	438428	0.553	Sericitic alteration	0%	
253.00	254.00	1.00	438429	0.854	Sericitic alteration	3%	
254.00	255.00	1.00	438431	0.092	Sericitic alteration	0%	
255.00	256.00	1.00	438432	0.396	Sericitic alteration	1%	
256.00	257.00	1.00	438433	0.505	Sericitic alteration	1%	
257.00	258.00	1.00	438434	2.585	Sericitic alteration	1%	
258.00	259.00	1.00	438435	1.130	Sericitic alteration	3%	
259.00	260.00	1.00	438437	0.412	Sericitic alteration	5%	
260.00	261.00	1.00	438438	0.032	Sericitic alteration	1%	
261.00	262.23	1.23	438439	0.168	Sericitic alteration	1%	

From	To	Lithologic Group	
262.23	263.00	Diorite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
262.23	263.00	0.77	438440	0.028	Chloritic alteration	1%	diorite dyke as observed above, drk gry-grn, f-mg, non magnetic, vwkw fol

From 263.00	To 336.90	Lithologic Group					
		Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
263.00	264.00	1.00	438441	0.644	Sericitic alteration	3%	Tonalite, mg, non-magnetic, light grey-beige, massive
264.00	265.00	1.00	438442	0.751	Sericitic alteration	0%	
265.00	266.00	1.00	438443	3.100	Sericitic alteration	5%	
266.00	267.00	1.00	438444	0.530	Sericitic alteration	0%	
267.00	268.00	1.00	438445	0.205	Sericitic alteration	10%	
268.00	269.00	1.00	438446	0.234	Sericitic alteration	1%	
269.00	270.00	1.00	438447	0.199	Sericitic alteration	1%	
270.00	271.00	1.00	438449	0.153	Sericitic alteration	1%	
271.00	272.00	1.00	438451	0.224	Sericitic alteration	1%	
272.00	273.00	1.00	438452	0.926	Sericitic alteration	1%	
273.00	274.00	1.00	438453	0.367	Sericitic alteration	0%	
274.00	275.00	1.00	438454	0.254	Sericitic alteration	1%	
275.00	276.00	1.00	438455	0.046	Sericitic alteration	2%	
276.00	277.00	1.00	438456	0.258	Sericitic alteration	1%	
277.00	278.00	1.00	438457	0.228	Sericitic alteration	5%	
278.00	279.00	1.00	438458	0.142	Sericitic alteration	0%	
279.00	280.00	1.00	438459	0.120	Sericitic alteration	2%	
280.00	281.00	1.00	438461	0.045	Sericitic alteration	1%	
281.00	282.00	1.00	438462	0.168	Sericitic alteration	3%	
282.00	283.00	1.00	438463	0.869	Sericitic alteration	0%	
283.00	284.00	1.00	438464	2.048	Sericitic alteration	1%	
284.00	285.00	1.00	438465	0.093	Sericitic alteration	2%	
285.00	286.00	1.00	438466	0.424	Sericitic alteration	0%	
286.00	287.00	1.00	438467	0.739	Sericitic alteration	0%	
287.00	288.00	1.00	438468	0.161	Sericitic alteration	0%	
288.00	289.00	1.00	438469	1.343	Sericitic alteration	2%	
289.00	290.00	1.00	438471	0.237	Sericitic alteration	1%	
290.00	291.00	1.00	438473	0.871	Sericitic alteration	1%	
291.00	292.00	1.00	438474	0.267	Sericitic alteration	1%	
292.00	293.00	1.00	438475	0.658	Sericitic alteration	1%	
293.00	294.00	1.00	438476	0.826	Sericitic alteration	3%	
294.00	295.00	1.00	438477	0.924	Sericitic alteration	0%	
295.00	296.00	1.00	438478	0.178	Sericitic alteration	1%	
296.00	297.00	1.00	438479	1.879	Sericitic alteration	2%	
297.00	298.00	1.00	438480	0.574	Sericitic alteration	1%	
298.00	299.00	1.00	438481	0.380	Sericitic alteration	1%	
299.00	300.00	1.00	438482	0.471	Sericitic alteration	1%	
300.00	301.00	1.00	438483	0.313	Sericitic alteration	2%	
301.00	302.00	1.00	438485	0.788	Sericitic alteration	1%	

302.00	303.00	1.00	438486	0.306	Sericitic alteration	2%	
303.00	304.00	1.00	438487	0.568	Sericitic alteration	1%	
304.00	305.00	1.00	438488	0.383	Sericitic alteration	2%	
305.00	306.00	1.00	438489	1.124	Sericitic alteration	4%	
306.00	307.00	1.00	438491	1.077	Sericitic alteration	1%	
307.00	308.00	1.00	438492	0.747	Sericitic alteration	2%	
308.00	309.00	1.00	438493	0.449	Sericitic alteration	0%	
309.00	310.00	1.00	438494	0.463	Sericitic alteration	2%	
310.00	311.00	1.00	438495	0.165	Sericitic alteration	2%	
311.00	312.00	1.00	438497	0.681	Sericitic alteration	6%	
312.00	313.00	1.00	438498	0.815	Sericitic alteration	2%	
313.00	314.00	1.00	438499	1.166	Sericitic alteration	2%	
314.00	315.00	1.00	438500	1.035	Sericitic alteration	2%	
315.00	316.00	1.00	431001	1.506	Sericitic alteration	4%	
316.00	317.00	1.00	431002	0.612	Sericitic alteration	1%	possible ser overprinted hybx - review assays
317.00	318.00	1.00	431003	2.222	Sericitic alteration	1%	possible ser overprinted hybx - review assays
318.00	319.00	1.00	431004	2.842	Sericitic alteration	3%	possible ser overprinted hybx - review assays
319.00	320.00	1.00	431005	1.235	Sericitic alteration	1%	possible ser overprinted hybx - review assays
320.00	321.00	1.00	431006	0.327	Sericitic alteration	2%	possible ser overprinted hybx - review assays
321.00	322.00	1.00	431007	0.453	Sericitic alteration	1%	possible ser overprinted hybx - review assays
322.00	323.00	1.00	431008	0.783	Sericitic alteration	2%	
323.00	324.00	1.00	431009	2.884	Sericitic alteration	3%	possible ser overprinted hybx - review assays
324.00	325.00	1.00	431011	0.903	Sericitic alteration	2%	possible ser overprinted hybx - review assays
325.00	326.00	1.00	431013	0.922	Sericitic alteration	1%	possible ser overprinted hybx - review assays
326.00	327.00	1.00	431014	1.477	Sericitic alteration	25%	possible ser overprinted hybx - review assays
327.00	328.00	1.00	431015	1.473	Sericitic alteration	1%	possible ser overprinted hybx - review assays
328.00	328.80	0.80	431016	0.428	Sericitic alteration	2%	
328.80	329.55	0.75	431017	0.054	Sericitic alteration	80%	mineral percents based on 20% wallrock
329.55	331.00	1.45	431018	2.626	Sericitic alteration	3%	
331.00	332.00	1.00	431019	1.396	Sericitic alteration	1%	
332.00	333.00	1.00	431020	1.507	Sericitic alteration	2%	
333.00	334.00	1.00	431021	0.620	Sericitic alteration	4%	
334.00	335.01	1.01	431022	0.577	Sericitic alteration	10%	
335.01	336.00	0.99	431023	1.928	Sericitic alteration	1%	
336.00	336.90	0.90	431025	0.606	Sericitic alteration	8%	

From	To	Lithologic Group					
336.90	337.45	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
336.90	337.45	0.55	431026	0.129	Chloritic alteration	0%	diorite-qdr dyke, f-mg w stretched qtz grains, f-mg, non-magnetic, mod foliation, shrp chilled contacts
From	To	Lithologic Group					
337.45	346.35	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
337.45	339.00	1.55	431027	2.289	Sericitic alteration	0%	Tonalite, mg, non-magnetic, light grey-beige, massive
339.00	340.00	1.00	431028	1.575	Sericitic alteration	2%	
340.00	341.00	1.00	431029	0.439	Sericitic alteration	1%	
341.00	342.00	1.00	431031	0.428	Sericitic alteration	1%	
342.00	343.00	1.00	431032	0.559	Sericitic alteration	0%	
343.00	344.00	1.00	431033	0.421	Sericitic alteration	0%	
344.00	345.00	1.00	431034	1.136	Sericitic alteration	0%	
345.00	346.35	1.35	431035	3.430	Sericitic alteration	5%	
From	To	Lithologic Group					
346.35	348.60	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
346.35	347.50	1.15	431037	0.009	Chloritic alteration	0%	Diorite dyke, drk grn-gry, fg, non magnetic, wkly foliated
347.50	348.60	1.10	431038	0.012	Chloritic alteration	0%	
From	To	Lithologic Group					
348.60	366.85	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
348.60	350.00	1.40	431039	4.110	Sericitic alteration	4%	Tonalite, mg, non-magnetic, light grey-beige, massive
350.00	351.00	1.00	431040	0.851	Sericitic alteration	2%	
351.00	352.00	1.00	431041	0.307	Sericitic alteration	1%	
352.00	353.00	1.00	431042	0.505	Sericitic alteration	5%	
353.00	354.00	1.00	431043	2.547	Sericitic alteration	3%	possible ser overprinted hybx - review assays
354.00	355.00	1.00	431044	1.210	Sericitic alteration	0%	
355.00	356.00	1.00	431045	0.280	Sericitic alteration	1%	
356.00	357.00	1.00	431046	0.975	Sericitic alteration	0%	
357.00	358.00	1.00	431047	0.735	Sericitic alteration	1%	
358.00	359.00	1.00	431049	1.226	Sericitic alteration	1%	
359.00	360.00	1.00	431051	0.221	Sericitic alteration	3%	
360.00	361.00	1.00	431052	2.340	Sericitic alteration	2%	
361.00	362.00	1.00	431053	1.423	Sericitic alteration	0%	
362.00	363.00	1.00	431054	0.587	Sericitic alteration	1%	

363.00	364.00	1.00	431055	0.674	Sericitic alteration	1%	
364.00	365.00	1.00	431056	1.343	Sericitic alteration	2%	
365.00	366.00	1.00	431057	1.345	Sericitic alteration	2%	
366.00	366.85	0.85	431058	1.557	Sericitic alteration	0%	possible ser overprinted hybx - review assays

From	To	Lithologic Group					
366.85	367.84	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
366.85	367.84	0.99	431059	0.041	Chloritic alteration	1%	Diorite dyke, drk grn-gry, fg, non magnetic, wkly foliated

From	To	Lithologic Group					
367.84	426.08	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
367.84	369.00	1.16	431061	0.649	Sericitic alteration	3%	Tonalite, mg, non-magnetic, light grey-beige, massive
369.00	370.00	1.00	431062	0.533	Sericitic alteration	2%	
370.00	371.00	1.00	431063	0.307	Sericitic alteration	3%	
371.00	372.00	1.00	431064	0.272	Sericitic alteration	1%	
372.00	373.00	1.00	431065	0.334	Sericitic alteration	0%	
373.00	374.00	1.00	431066	0.564	Sericitic alteration	2%	
374.00	375.00	1.00	431067	0.653	Sericitic alteration	1%	
375.00	376.00	1.00	431068	0.782	Sericitic alteration	1%	
376.00	377.00	1.00	431069	1.226	Sericitic alteration	1%	possible ser overprinted hybx - review assays
377.00	378.00	1.00	431071	0.496	Sericitic alteration	1%	
378.00	379.00	1.00	431073	0.851	Sericitic alteration	0%	
379.00	380.00	1.00	431074	1.023	Sericitic alteration	1%	possible ser overprinted hybx - review assays
380.00	381.00	1.00	431075	0.293	Sericitic alteration	2%	possible ser overprinted hybx - review assays
381.00	382.00	1.00	431076	1.652	Sericitic alteration	2%	possible ser overprinted hybx - review assays
382.00	383.00	1.00	431077	0.710	Sericitic alteration	1%	possible ser overprinted hybx - review assays
383.00	384.00	1.00	431078	3.810	Sericitic alteration	2%	possible ser overprinted hybx - review assays
384.00	385.00	1.00	431079	0.743	Sericitic alteration	0%	possible ser overprinted hybx - review assays
385.00	386.00	1.00	431080	0.579	Sericitic alteration	5%	
386.00	387.00	1.00	431081	0.445	Sericitic alteration	1%	
387.00	388.00	1.00	431082	0.466	Sericitic alteration	2%	
388.00	389.00	1.00	431083	4.400	Sericitic alteration	1%	
389.00	390.00	1.00	431085	0.947	Sericitic alteration	4%	
390.00	391.00	1.00	431086	0.151	Sericitic alteration	0%	
391.00	392.00	1.00	431087	0.234	Sericitic alteration	1%	
392.00	393.00	1.00	431088	0.135	Sericitic alteration	1%	

393.00	394.00	1.00	431089	0.367	Sericitic alteration	1%	
394.00	395.00	1.00	431091	0.285	Sericitic alteration	1%	possible ser overprinted hybx - review assays
395.00	396.00	1.00	431092	0.285	Sericitic alteration	1%	possible ser overprinted hybx - review assays
396.00	397.00	1.00	431093	0.180	Sericitic alteration	1%	possible ser overprinted hybx - review assays
397.00	398.00	1.00	431094	1.312	Sericitic alteration	0%	possible ser overprinted hybx - review assays
398.00	399.00	1.00	431095	0.600	Sericitic alteration	2%	
399.00	400.00	1.00	431097	0.237	Sericitic alteration	1%	
400.00	401.00	1.00	431098	0.262	Sericitic alteration	1%	
401.00	402.00	1.00	431099	0.138	Sericitic alteration	1%	
402.00	403.00	1.00	431100	0.359	Sericitic alteration	3%	
403.00	404.00	1.00	431101	1.128	Sericitic alteration	0%	
404.00	405.00	1.00	431102	0.395	Sericitic alteration	0%	
405.00	406.00	1.00	431103	0.397	Sericitic alteration	1%	
406.00	407.00	1.00	431104	0.559	Sericitic alteration	4%	
407.00	408.00	1.00	431105	1.263	Sericitic alteration	2%	
408.00	409.00	1.00	431106	1.204	Sericitic alteration	1%	
409.00	410.00	1.00	431107	0.877	Sericitic alteration	1%	
410.00	411.00	1.00	431108	0.514	Sericitic alteration	0%	possible ser overprinted hybx - review assays
411.00	412.00	1.00	431109	0.242	Sericitic alteration	1%	
412.00	413.00	1.00	431111	0.132	Sericitic alteration	5%	possible ser overprinted hybx - review assays
413.00	414.00	1.00	431113	0.246	Sericitic alteration	1%	
414.00	415.00	1.00	431114	0.140	Sericitic alteration	0%	
415.00	416.00	1.00	431115	0.134	Sericitic alteration	2%	
416.00	417.00	1.00	431116	0.196	Sericitic alteration	1%	
417.00	418.00	1.00	431117	0.083	Sericitic alteration	0%	
418.00	419.00	1.00	431118	0.017	Sericitic alteration	0%	
419.00	420.00	1.00	431119	0.193	Sericitic alteration	0%	
420.00	421.00	1.00	431120	0.348	Sericitic alteration	0%	
421.00	422.00	1.00	431121	0.395	Sericitic alteration	0%	
422.00	423.00	1.00	431122	6.930	Sericitic alteration	0%	
423.00	424.00	1.00	431123	0.155	Sericitic alteration	0%	
424.00	425.00	1.00	431125	0.089	Sericitic alteration	4%	
425.00	426.08	1.08	431126	0.370	Sericitic alteration	2%	

From	To	Lithologic Group	
426.08	426.95	Diorite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
426.08	426.95	0.87	431127	0.005	Chloritic alteration	1%	Diorite dike, drk gry-grn, fg, mass, non-magnetic, chilled contacts, chl altd

From 426.95	To 453.00	Lithologic Group					
		Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
426.95	428.10	1.15	431128	0.561	Sericitic alteration	2%	Tonalite, beige-grey, mg, mass, non-magentic; possible ser overprinted hybx - review assays
428.10	429.00	0.90	431129	0.323	Sericitic alteration	1%	
429.00	430.00	1.00	431131	0.176	Sericitic alteration	1%	
430.00	431.00	1.00	431132	0.200	Sericitic alteration	1%	
431.00	432.00	1.00	431133	0.519	Sericitic alteration	0%	
432.00	433.00	1.00	431134	0.275	Sericitic alteration	0%	
433.00	434.00	1.00	431135	0.491	Sericitic alteration	1%	
434.00	435.00	1.00	431137	0.217	Sericitic alteration	1%	
435.00	436.00	1.00	431138	0.995	Sericitic alteration	2%	1 spk VG in 0.5cm qtz-cb-chl-py vein
436.00	437.00	1.00	431140	1.485	Sericitic alteration	1%	
437.00	438.00	1.00	431141	0.653	Sericitic alteration	1%	odd alt contact - dropped box?
438.00	439.00	1.00	431142	0.941	Sericitic alteration	6%	
439.00	440.00	1.00	431143	0.559	Sericitic alteration	2%	
440.00	441.00	1.00	431144	0.452	Sericitic alteration	3%	
441.00	442.00	1.00	431145	0.197	Sericitic alteration	3%	
442.00	443.00	1.00	431146	0.316	Sericitic alteration	3%	
443.00	444.00	1.00	431147	0.345	Sericitic alteration	1%	
444.00	445.00	1.00	431149	0.246	Sericitic alteration	3%	
445.00	446.00	1.00	431151	0.128	Sericitic alteration	0%	
446.00	447.00	1.00	431152	0.112	Sericitic alteration	0%	
447.00	448.00	1.00	431153	0.145	Sericitic alteration	2%	
448.00	449.00	1.00	431154	0.210	Sericitic alteration	8%	
449.00	450.00	1.00	431155	0.845	Sericitic alteration	1%	
450.00	451.00	1.00	431156	1.627	Sericitic alteration	2%	
451.00	452.00	1.00	431157	1.256	Sericitic alteration	0%	
452.00	453.00	1.00	431158	0.321	Sericitic alteration	1%	

DRILL HOLE REPORT

Drill Hole **GOS21-69** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -60.0
 Length 343.5 m
 Started 12-Mar-21
 Completed 22-Mar-21
 Logged 29-Mar-21
 Logged by Caitlin Beland

Company
 Contractor Chenier Drilling
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Cemented

Survey Details:

Claim Number MLO-10658
 Property Chester 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool DGPS

Coordinates:

Target Easting 431192.02
 Comments UTM Datum NAD83 Northing 5267725.07
 UTM Zone 17 Elevation 380.72

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
60.0	327.02	-65.37		RM	Good	93.0	326.93	-64.73		RM	Good
63.0	327.06	-65.27		RM	Good	96.0	327.10	-64.68		RM	Good
66.0	327.87	-61.55		RM	Good	99.0	327.61	-64.73		RM	Good
69.0	326.84	-65.32		RM	Good	102.0	327.79	-64.68		RM	Good
72.0	326.43	-65.16		RM	Good	105.0	327.99	-64.63		RM	Good
75.0	326.55	-65.15		RM	Good	108.0	327.86	-64.58		RM	Good
81.0	327.25	-65.09		RM	Good	111.0	328.11	-64.55		RM	Good
84.0	326.77	-65.52		RM	Good	114.0	328.53	-64.53		RM	Good
87.0	327.08	-64.86		RM	Good	117.0	328.61	-64.47		RM	Good
90.0	327.16	-64.79		RM	Good	120.0	328.68	-64.47		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
123.0	328.97	-64.49		RM	Good
126.0	328.81	-64.50		RM	Good
129.0	329.16	-64.46		RM	Good
132.0	329.42	-64.46		RM	Good
135.0	329.66	-64.38		RM	Good
138.0	329.93	-64.34		RM	Good
141.0	330.06	-64.31		RM	Good
144.0	330.12	-64.30		RM	Good
147.0	330.31	-64.17		RM	Good
150.0	330.16	-64.08		RM	Good
153.0	330.34	-63.82		RM	Good
156.0	330.19	-64.01		RM	Good
159.0	330.22	-63.96		RM	Good
162.0	330.65	-63.92		RM	Good
165.0	331.21	-63.81		RM	Good
168.0	331.34	-63.79		RM	Good
171.0	330.76	-63.87		RM	Good
174.0	331.82	-63.62		RM	Good
177.0	332.00	-63.59		RM	Good
180.0	331.91	-63.44		RM	Good
183.0	332.21	-63.43		RM	Good
189.0	332.61	-63.28		RM	Good
192.0	332.72	-63.18		RM	Good
195.0	333.89	-62.04		RM	Good
198.0	333.07	-63.10		RM	Good
201.0	333.29	-63.00		RM	Good
204.0	333.35	-62.98		RM	Good
207.0	333.21	-63.03		RM	Good
210.0	333.79	-63.06		RM	Good
213.0	333.66	-62.98		RM	Good
216.0	333.31	-62.95		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
222.0	332.17	-62.92		RM	Good
225.0	333.43	-62.88		RM	Good
228.0	333.83	-62.85		RM	Good
231.0	333.02	-62.84		RM	Good
234.0	334.26	-62.77		RM	Good
237.0	334.04	-62.77		RM	Good
240.0	334.34	-62.72		RM	Good
243.0	334.47	-62.74		RM	Good
246.0	334.62	-62.74		RM	Good
249.0	334.80	-62.66		RM	Good
252.0	334.83	-62.64		RM	Good
255.0	334.94	-62.53		RM	Good
258.0	335.16	-62.47		RM	Good
261.0	335.50	-62.44		RM	Good
264.0	335.39	-62.45		RM	Good
267.0	335.73	-62.41		RM	Good
270.0	335.94	-62.41		RM	Good
273.0	336.18	-62.44		RM	Good
276.0	335.77	-62.41		RM	Good
279.0	336.77	-62.35		RM	Good
282.0	336.16	-62.29		RM	Good
285.0	338.79	-62.29		RM	Good
288.0	339.18	-62.25		RM	Good
300.0	338.10	-62.21		RM	Good
303.0	336.63	-62.14		RM	Good
306.0	338.60	-62.16		RM	Good
309.0	338.30	-62.15		RM	Good
312.0	339.97	-62.15		RM	Good
315.0	339.42	-62.05		RM	Good
318.0	339.31	-62.39		RM	Good
321.0	340.30	-62.08		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
324.0	340.31	-61.97		RM	Good
330.0	341.04	-61.94		RM	Good
333.0	339.91	-61.93		RM	Good
336.0	340.68	-61.90		RM	Good
339.0	340.49	-61.87		RM	Good
342.0	341.12	-61.86		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
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From	To	Lithologic Group					
0.00	22.50	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	22.50	22.50			Unaltered		
From	To	Lithologic Group					
22.50	39.15	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
22.50	24.00	1.50	432516	0.024	Sericitic alteration	0%	equigranular, massive, light grey tonalite, non magnetic
24.00	25.00	1.00	432517	0.045	Sericitic alteration	1%	weathered weathered
25.00	26.00	1.00	432518	0.042	Sericitic alteration	1%	weathered
26.00	27.00	1.00	432519	0.079	Sericitic alteration	1%	rubble; weathered
27.00	28.50	1.50	432520	0.014	Sericitic alteration	1%	broken core; weathered
28.50	29.00	0.50	432521	0.006	Sericitic alteration	1%	broken core; weathered
29.00	30.00	1.00	432522	0.014	Sericitic alteration	1%	weathered
30.00	31.00	1.00	432523	0.035	Sericitic alteration	0%	weathered
31.00	32.00	1.00	432525	0.036	Sericitic alteration	1%	
32.00	33.00	1.00	432526	0.056	Sericitic alteration	1%	
33.00	34.00	1.00	432527	0.182	Sericitic alteration	1%	
34.00	35.00	1.00	432528	0.081	Sericitic alteration	1%	
35.00	36.00	1.00	432529	0.011	Sericitic alteration	0%	
36.00	37.00	1.00	432531	0.052	Sericitic alteration	1%	
37.00	38.00	1.00	432532	0.210	Sericitic alteration	2%	
38.00	39.15	1.15	432533	0.199	Silicified	6%	
From	To	Lithologic Group					
39.15	39.80	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
39.15	39.80	0.65	432534	0.144	Chloritic alteration	0%	fine to medium grained, feldspar porphyritic
From	To	Lithologic Group					
39.80	66.40	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
39.80	41.00	1.20	432535	2.323	Sericitic alteration	5%	
41.00	42.00	1.00	432537	0.047	Sericitic alteration	2%	
42.00	43.00	1.00	432538	0.043	Sericitic alteration	3%	
43.00	44.00	1.00	432539	0.039	Sericitic alteration	1%	
44.00	45.00	1.00	432540	0.013	Sericitic alteration	1%	
45.00	46.00	1.00	432541	0.022	Sericitic alteration	1%	

46.00	46.90	0.90	432542	0.038	Sericitic alteration	2%	
46.90	48.00	1.10	432543	0.029	Sericitic alteration	5%	
48.00	49.00	1.00	432544	0.288	Sericitic alteration	1%	
49.00	50.00	1.00	432545	0.031	Sericitic alteration	2%	
50.00	51.00	1.00	432546	0.017	Sericitic alteration	1%	
51.00	52.00	1.00	432547	0.181	Sericitic alteration	2%	
52.00	53.00	1.00	432549	0.119	Sericitic alteration	1%	
53.00	54.00	1.00	432551	0.116	Sericitic alteration	1%	
54.00	55.00	1.00	432552	0.505	Silicified	3%	
55.00	56.00	1.00	432553	0.097	Sericitic alteration	1%	
56.00	57.00	1.00	432554	0.048	Sericitic alteration	2%	
57.00	58.10	1.10	432555	0.559	Sericitic alteration	2%	
58.10	59.00	0.90	432556	0.066	Sericitic alteration	95%	wall rock is strongly altered but accounts for a very small proportion of the sample
59.00	60.00	1.00	432557	0.086	Sericitic alteration	80%	wall rock is strongly altered but accounts for a very small proportion of the sample
60.00	61.00	1.00	432558	0.063	Sericitic alteration	2%	
61.00	62.00	1.00	432559	0.401	Sericitic alteration	2%	
62.00	63.00	1.00	432561	0.205	Sericitic alteration	1%	
63.00	64.00	1.00	432562	0.136	Sericitic alteration	1%	
64.00	65.10	1.10	432563	0.043	Sericitic alteration	4%	
65.10	66.40	1.30	432564	0.012	Sericitic alteration	2%	

From	To	Lithologic Group					
66.40	68.49	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
66.40	67.00	0.60	432565	0.025	Chloritic alteration	3%	
67.00	68.49	1.49	432566	0.054	Chloritic alteration	1%	5% Tonalite

From	To	Lithologic Group					
68.49	74.05	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
68.49	69.00	0.51	432567	0.075	Sericitic alteration	2%	25% mafic dyke
69.00	70.00	1.00	432568	0.105	Sericitic alteration	1%	
70.00	71.00	1.00	432569	0.109	Sericitic alteration	1%	
71.00	72.00	1.00	432571	0.102	Sericitic alteration	1%	
72.00	73.00	1.00	432573	0.043	Sericitic alteration	3%	
73.00	74.05	1.05	432574	0.050	Sericitic alteration	8%	

From	To	Lithologic Group					
74.05	82.10	Diorite Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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74.05	75.00	0.95	432575	0.175	Chloritic alteration	0%	Diorite matrix with 25% subrounded to subangular clasts of tonalite. Diorite is dark green, medium grained, massive, non magnetic
75.00	76.00	1.00	432576	0.561	Chloritic alteration	1%	Diorite matrix with 30% subrounded to subangular clasts of tonalite
76.00	77.00	1.00	432577	0.527	Chloritic alteration	3%	60% tonalite clasts
77.00	78.00	1.00	432578	0.054	Biotitic alteration	0%	50% tonalite clasts
78.00	79.00	1.00	432579	0.341	Biotitic alteration	0%	50% tonalite clasts
79.00	80.00	1.00	432580	0.122	Biotitic alteration	0%	30% tonalite clasts
80.00	81.00	1.00	432581	0.204	Biotitic alteration	1%	10% tonalite clasts
81.00	82.10	1.10	432582	0.303	Biotitic alteration	2%	25% tonalite clasts
From 82.10	To 85.60		Lithologic Group Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
82.10	83.00	0.90	432583	0.206	Chloritic alteration	1%	
83.00	84.00	1.00	432585	0.021	Chloritic alteration	1%	
84.00	84.80	0.80	432586	0.021	Chloritic alteration	2%	
84.80	85.60	0.80	432587	0.062	Chloritic alteration	0%	
From 85.60	To 88.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
85.60	87.00	1.40	432588	0.043	Silicified	5%	30% mafic dyke
87.00	88.00	1.00	432589	0.254	Silicified	1%	
From 88.00	To 93.15		Lithologic Group Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
88.00	89.00	1.00	432591	0.028	Silicified	1%	Extremely fine grained (intrusive?), extremely silica-rich matrix with tonalite fragments; 70% fragments
89.00	90.00	1.00	432592	0.116	Silicified	2%	25% tonalite fragments
90.00	91.00	1.00	432593	0.074	Silicified	5%	80% tonalite fragments
91.00	92.00	1.00	432594	0.036	Silicified	3%	40% tonalite fragments 40% tonalite fragments
92.00	93.15	1.15	432595	0.140	Silicified	1%	70% tonalite and diorite fragments
From 93.15	To 104.00		Lithologic Group Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
93.15	94.00	0.85	432597	0.649	Silicified	2%	
94.00	95.00	1.00	432598	0.212	Silicified	4%	
95.00	96.00	1.00	432599	0.480	Silicified	0%	

96.00	97.00	1.00	432600	0.357	Silicified	0%
97.00	98.00	1.00	432601	0.195	Silicified	5%
98.00	99.00	1.00	432602	0.321	Silicified	4%
99.00	100.00	1.00	432603	0.339	Silicified	5%
100.00	101.00	1.00	432604	0.326	Silicified	2%
101.00	102.00	1.00	432605	0.233	Silicified	5%
102.00	103.00	1.00	432606	1.505	Silicified	1%
103.00	104.00	1.00	432607	0.109	Silicified	1%

From	To	Lithologic Group				
104.00	105.00	Tonalite 2 Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
104.00	105.00	1.00	432608	2.175	Silicified	3%	40% tonalite fragments

From	To	Lithologic Group				
105.00	146.50	Tonalite 2				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
105.00	106.00	1.00	432609	0.046	Silicified	1%	
106.00	107.00	1.00	432611	0.881	Silicified	1%	
107.00	108.00	1.00	432613	0.144	Silicified	4%	
108.00	109.00	1.00	432614	0.371	Silicified	3%	
109.00	110.00	1.00	432615	0.159	Silicified	1%	
110.00	111.00	1.00	432616	0.112	Silicified	1%	
111.00	112.00	1.00	432617	0.157	Silicified	2%	
112.00	113.00	1.00	432618	0.119	Silicified	15%	
113.00	114.00	1.00	432619	0.299	Silicified	2%	
114.00	115.00	1.00	432620	0.148	Silicified	5%	
115.00	116.00	1.00	432621	0.149	Silicified	1%	
116.00	117.00	1.00	432622	0.100	Silicified	3%	
117.00	118.00	1.00	432623	0.060	Silicified	2%	
118.00	119.00	1.00	432625	0.174	Silicified	3%	
119.00	120.00	1.00	432626	0.024	Silicified	3%	
120.00	121.00	1.00	432627	0.118	Silicified	2%	
121.00	122.00	1.00	432628	0.012	Silicified	1%	
122.00	123.00	1.00	432629	0.441	Silicified	4%	
123.00	124.00	1.00	432631	0.238	Silicified	1%	
124.00	125.00	1.00	432632	0.136	Silicified	1%	
125.00	126.00	1.00	432633	0.155	Silicified	2%	
126.00	127.00	1.00	432634	0.706	Silicified	3%	
127.00	128.00	1.00	432635	0.588	Silicified	1%	
128.00	129.00	1.00	432637	0.042	Silicified	1%	
129.00	130.00	1.00	432638	0.125	Silicified	2%	
130.00	131.00	1.00	432639	0.211	Silicified	2%	
131.00	132.00	1.00	432640	0.162	Silicified	2%	

132.00	133.00	1.00	432641	0.266	Silicified	3%
133.00	134.00	1.00	432642	0.250	Silicified	1%
134.00	135.00	1.00	432643	0.586	Silicified	1%
135.00	136.00	1.00	432644	1.981	Silicified	3%
136.00	136.75	0.75	432645	0.610	Silicified	1%
136.75	137.45	0.70	432646	0.042	Silicified	1%
137.45	138.30	0.85	432647	0.043	Silicified	1%
138.30	139.30	1.00	432649	0.089	Silicified	1%
139.30	140.00	0.70	432651	1.326	Silicified	2%
140.00	141.00	1.00	432652	0.069	Silicified	3%
141.00	142.00	1.00	432653	0.938	Silicified	1%
142.00	143.00	1.00	432654	0.166	Silicified	4%
143.00	144.00	1.00	432655	0.207	Silicified	2%
144.00	145.00	1.00	432656	0.061	Silicified	1%
145.00	146.50	1.50	432657	0.342	Silicified	1%

From	To	Lithologic Group				
146.50	147.39	Tonalite 2 Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
146.50	147.39	0.89	432658	0.460	Silicified	0%	70% QDR fragments in Ton 2 matrix

From	To	Lithologic Group				
147.39	148.25	Quartz diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
147.39	148.25	0.86	432659	0.261	Chloritic alteration	0%	

From	To	Lithologic Group				
148.25	157.00	Tonalite 2				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
148.25	149.00	0.75	432661	0.842	Silicified	5%	
149.00	150.00	1.00	432662	0.279	Silicified	1%	abundant chl-lined fracs; 30% rubble
150.00	151.00	1.00	432663	3.990	Silicified	1%	broken core, 20% rubble
151.00	152.00	1.00	432664	0.794	Silicified	1%	
152.00	153.00	1.00	432665	0.025	Silicified	5%	
153.00	154.00	1.00	432666	0.053	Silicified	7%	
154.00	155.30	1.30	432667	0.074	Silicified	3%	
155.30	156.00	0.70	432668	0.029	Sericitic alteration	40%	
156.00	157.00	1.00	432669	0.008	Sericitic alteration	3%	

From	To	Lithologic Group				
157.00	158.20	Tonalite 2 Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
157.00	158.20	1.20	432671	0.055	Silicified	7%	30% Ton fragments

From	To	Lithologic Group					
158.20	168.00	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
158.20	159.00	0.80	432673	0.023	Silicified	3%	
159.00	160.00	1.00	432674	0.137	Silicified	7%	
160.00	161.00	1.00	432675	0.104	Silicified	2%	
161.00	162.00	1.00	432676	0.140	Silicified	6%	
162.00	163.00	1.00	432677	0.400	Silicified	1%	
163.00	164.00	1.00	432678	0.096	Silicified	2%	
164.00	165.00	1.00	432679	0.318	Silicified	3%	
165.00	165.80	0.80	432680	0.394	Silicified	4%	
165.80	167.20	1.40	432681	0.371	Silicified	1%	
167.20	168.00	0.80	432682	0.389	Silicified	2%	
From	To	Lithologic Group					
168.00	170.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
168.00	169.00	1.00	432683	1.168	Silicified	15%	Dark green hydrothermal chl+bio matrix, sulfide-rich, with clasts of tonalite. Clast supported.
169.00	170.00	1.00	432685	0.813	Silicified	2%	
From	To	Lithologic Group					
170.00	172.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
170.00	171.00	1.00	432686	0.556	Silicified	3%	
171.00	172.00	1.00	432687	0.187	Silicified	6%	
From	To	Lithologic Group					
172.00	175.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
172.00	173.00	1.00	432688	0.977	Silicified	5%	
173.00	174.00	1.00	432689	0.644	Silicified	1%	
174.00	175.00	1.00	432691	0.849	Silicified	1%	
From	To	Lithologic Group					
175.00	176.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
175.00	176.00	1.00	432692	0.203	Silicified	1%	
From	To	Lithologic Group					
176.00	177.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
176.00	177.00	1.00	432693	0.287	Silicified	3%	

From	To	Lithologic Group					
177.00	197.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
177.00	178.00	1.00	432694	2.565	Silicified	8%	
178.00	179.05	1.05	432695	0.150	Silicified	1%	
179.05	179.70	0.65	432697	1.047	Silicified	3%	
179.70	181.00	1.30	432698	0.174	Silicified	1%	
181.00	182.00	1.00	432699	0.434	Silicified	1%	
182.00	183.00	1.00	432700	0.513	Silicified	1%	
183.00	184.00	1.00	432701	0.141	Silicified	1%	
184.00	185.00	1.00	432702	0.179	Silicified	3%	
185.00	186.00	1.00	432703	0.419	Silicified	1%	
186.00	187.00	1.00	432704	0.094	Silicified	2%	
187.00	188.00	1.00	432705	0.098	Silicified	1%	
188.00	189.00	1.00	432706	0.216	Silicified	3%	
189.00	190.00	1.00	432707	0.133	Sericitic alteration	2%	
190.00	191.00	1.00	432708	0.122	Sericitic alteration	1%	
191.00	192.00	1.00	432709	0.596	Sericitic alteration	14%	
192.00	193.00	1.00	432711	0.157	Sericitic alteration	14%	
193.00	194.00	1.00	432713	0.187	Sericitic alteration	3%	
194.00	195.00	1.00	432714	0.235	Sericitic alteration	18%	
195.00	196.00	1.00	432715	1.757	Sericitic alteration	5%	
196.00	197.00	1.00	432716	1.388	Sericitic alteration	3%	
From	To	Lithologic Group					
197.00	200.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
197.00	198.00	1.00	432717	1.981	Sericitic alteration	1%	
198.00	199.00	1.00	432718	0.877	Sericitic alteration	4%	
199.00	200.00	1.00	432719	1.252	Sericitic alteration	1%	
From	To	Lithologic Group					
200.00	201.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
200.00	201.00	1.00	432720	1.785	Sericitic alteration	5%	
From	To	Lithologic Group					
201.00	202.05	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
201.00	202.05	1.05	432721	0.541	Sericitic alteration	4%	
From	To	Lithologic Group					
202.05	204.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
202.05	203.15	1.10	432722	0.531	Sericitic alteration	20%	
203.15	204.00	0.85	432723	0.992	Sericitic alteration	2%	

From	To	Lithologic Group					
204.00	205.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
204.00	205.00	1.00	432725	2.814	Sericitic alteration	15%	
From	To	Lithologic Group					
205.00	205.50	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
205.00	205.50	0.50	432726	0.277	Sericitic alteration	1%	
From	To	Lithologic Group					
205.50	207.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
205.50	206.00	0.50	432727	0.228	Sericitic alteration	6%	
206.00	207.00	1.00	432728	0.273	Sericitic alteration	3%	
From	To	Lithologic Group					
207.00	208.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
207.00	208.00	1.00	432729	0.103	Sericitic alteration	8%	
From	To	Lithologic Group					
208.00	211.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
208.00	209.00	1.00	432731	0.156	Sericitic alteration	4%	
209.00	210.00	1.00	432732	1.320	Sericitic alteration	2%	
210.00	211.00	1.00	432733	0.411	Sericitic alteration	3%	
From	To	Lithologic Group					
211.00	213.75	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
211.00	212.00	1.00	432734	0.093	Sericitic alteration	3%	
212.00	213.00	1.00	432735	0.018	Sericitic alteration	4%	
213.00	213.75	0.75	432737	0.391	Sericitic alteration	1%	
From	To	Lithologic Group					
213.75	220.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
213.75	215.00	1.25	432738	0.872	Sericitic alteration	1%	
215.00	216.00	1.00	432739	0.553	Sericitic alteration	1%	
216.00	217.00	1.00	432740	0.237	Sericitic alteration	1%	
217.00	218.00	1.00	432741	3.780	Sericitic alteration	1%	
218.00	219.00	1.00	432742	0.064	Sericitic alteration	1%	
219.00	220.00	1.00	432743	0.048	Sericitic alteration	1%	
From	To	Lithologic Group					
220.00	221.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

220.00	221.00	1.00	432744	0.025	Sericitic alteration	3%	
From	To		Lithologic Group				
221.00	222.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
221.00	222.00	1.00	432745	0.042	Sericitic alteration	2%	
From	To		Lithologic Group				
222.00	223.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
222.00	223.00	1.00	432746	0.006	Sericitic alteration	3%	
From	To		Lithologic Group				
223.00	229.60		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
223.00	224.00	1.00	432747	0.176	Sericitic alteration	3%	
224.00	225.00	1.00	432749	0.422	Sericitic alteration	2%	
225.00	226.00	1.00	432751	0.851	Sericitic alteration	3%	
226.00	227.00	1.00	432752	1.123	Sericitic alteration	4%	
227.00	228.00	1.00	432753	0.675	Sericitic alteration	1%	
228.00	229.00	1.00	432754	0.959	Sericitic alteration	1%	
229.00	229.60	0.60	432755	0.862	Sericitic alteration	1%	
From	To		Lithologic Group				
229.60	232.05		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
229.60	231.00	1.40	432756	1.365	Sericitic alteration	2%	
231.00	232.05	1.05	432757	23.600	Sericitic alteration	5%	
From	To		Lithologic Group				
232.05	238.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
232.05	233.00	0.95	432758	0.950	Sericitic alteration	1%	
233.00	234.00	1.00	432759	0.815	Sericitic alteration	1%	
234.00	235.00	1.00	432761	0.123	Sericitic alteration	3%	maybe tectonic breccia? Matrix sulfide poor
235.00	236.00	1.00	432762	0.254	Sericitic alteration	2%	maybe tectonic breccia? Matrix sulfide poor
236.00	237.00	1.00	432763	0.203	Sericitic alteration	1%	maybe tectonic breccia? Matrix sulfide poor
237.00	238.00	1.00	432764	0.072	Sericitic alteration	2%	maybe tectonic breccia? Matrix sulfide poor
From	To		Lithologic Group				
238.00	239.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
238.00	239.00	1.00	432765	3.130	Sericitic alteration	3%	

From	To	Lithologic Group					
239.00	240.00	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
239.00	240.00	1.00	432766	0.121	Silicified	2%	
From	To	Lithologic Group					
240.00	241.15	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
240.00	241.15	1.15	432767	0.276	Silicified	1%	
From	To	Lithologic Group					
241.15	242.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
241.15	242.00	0.85	432768	0.625	Sericitic alteration	1%	
From	To	Lithologic Group					
242.00	243.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
242.00	243.00	1.00	432769	0.462	Sericitic alteration	2%	
From	To	Lithologic Group					
243.00	245.80	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
243.00	244.00	1.00	432771	0.473	Sericitic alteration	1%	
244.00	245.00	1.00	432773	2.072	Sericitic alteration	1%	
245.00	245.80	0.80	432774	1.244	Sericitic alteration	1%	
From	To	Lithologic Group					
245.80	248.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
245.80	247.00	1.20	432775	4.340	Sericitic alteration	1%	
247.00	248.00	1.00	432776	2.561	Sericitic alteration	2%	
From	To	Lithologic Group					
248.00	249.30	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
248.00	249.30	1.30	432777	1.074	Silicified	3%	
From	To	Lithologic Group					
249.30	251.05	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
249.30	250.00	0.70	432778	0.027	Chloritic alteration	5%	
250.00	251.05	1.05	432779	0.010	Chloritic alteration	5%	
From	To	Lithologic Group					
251.05	252.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
251.05	252.00	0.95	432780	0.438	Silicified	2%	

From	To	Lithologic Group					
252.00	253.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
252.00	253.00	1.00	432781	0.608	Sericitic alteration	3%	
From	To	Lithologic Group					
253.00	254.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
253.00	254.00	1.00	432782	0.541	Silicified	1%	
From	To	Lithologic Group					
254.00	266.70	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
254.00	255.00	1.00	432783	0.368	Silicified	1%	
255.00	256.00	1.00	432785	0.783	Silicified	2%	
256.00	257.00	1.00	432786	0.413	Silicified	2%	
257.00	258.00	1.00	432787	0.657	Silicified	1%	
258.00	259.00	1.00	432788	0.578	Silicified	1%	
259.00	260.00	1.00	432789	0.361	Silicified	2%	
260.00	261.00	1.00	432791	0.194	Silicified	1%	
261.00	262.00	1.00	432792	0.768	Silicified	2%	
262.00	263.00	1.00	432793	0.697	Sericitic alteration	3%	
263.00	264.00	1.00	432794	0.756	Silicified	2%	
264.00	265.00	1.00	432795	1.150	Silicified	2%	
265.00	266.00	1.00	432797	0.764	Sericitic alteration	2%	
266.00	266.70	0.70	432798	2.261	Sericitic alteration	1%	
From	To	Lithologic Group					
266.70	267.20	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
266.70	267.20	0.50	432799	0.005	Unaltered	0%	
From	To	Lithologic Group					
267.20	271.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
267.20	268.00	0.80	432800	1.862	Sericitic alteration	1%	
268.00	269.00	1.00	432801	1.015	Sericitic alteration	2%	
269.00	270.00	1.00	432802	0.856	Sericitic alteration	2%	
270.00	271.00	1.00	432803	0.368	Sericitic alteration	2%	
From	To	Lithologic Group					
271.00	272.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
271.00	272.00	1.00	432804	0.491	Sericitic alteration	2%	

From	To	Lithologic Group					
272.00	282.16	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
272.00	273.00	1.00	432805	1.101	Sericitic alteration	4%	Justin started logging, 2 to 3 % martrix, magnetic
273.00	274.00	1.00	432806	0.260	Sericitic alteration	3%	1 to 2 % matrix (in situe style), magnetic
274.00	275.00	1.00	432807	1.756	Sericitic alteration	3%	8% matrix, magnetic
275.00	276.00	1.00	432808	0.654	Sericitic alteration	1%	8% matrix, angular frags with slightly diffuse contacts, magnetic
276.00	277.00	1.00	432809	0.440	Sericitic alteration	2%	12% matrix, sub-angular frags
277.00	278.00	1.00	432811	0.282	Sericitic alteration	2%	20% matrix
278.00	279.00	1.00	432813	0.302	Sericitic alteration	2%	6% matrix
279.00	280.00	1.00	432814	0.515	Sericitic alteration	7%	20% matrix
280.00	281.00	1.00	432815	0.356	Sericitic alteration	3%	30% matrix
281.00	282.16	1.16	432816	0.129	Sericitic alteration	3%	10% matrix
From	To	Lithologic Group					
282.16	285.93	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
282.16	283.00	0.84	432817	0.013	Sericitic alteration	1%	medium grained, massive equigranular, light pinkish grey
283.00	284.00	1.00	432818	0.105	Sericitic alteration	4%	
284.00	285.00	1.00	432819	0.035	Sericitic alteration	3%	
285.00	285.93	0.93	432820	1.308	Sericitic alteration	2%	
From	To	Lithologic Group					
285.93	299.50	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
285.93	286.66	0.73	432821	0.764	Sericitic alteration	2%	
286.66	287.32	0.66	432822	0.354	Sericitic alteration	1%	
287.32	288.00	0.68	432823	1.902	Sericitic alteration	2%	
288.00	289.00	1.00	432825	0.288	Sericitic alteration	2%	
289.00	289.97	0.97	432826	0.165	Sericitic alteration	2%	
289.97	291.00	1.03	432827	0.369	Sericitic alteration	3%	25% matrix
291.00	292.00	1.00	432828	0.241	Sericitic alteration	2%	
292.00	293.00	1.00	432829	0.365	Sericitic alteration	2%	
293.00	294.00	1.00	432831	0.317	Sericitic alteration	3%	
294.00	295.00	1.00	432832	2.701	Sericitic alteration	2%	
295.00	296.00	1.00	432834	0.457	Sericitic alteration	1%	
296.00	297.00	1.00	432835	0.717	Sericitic alteration	2%	
297.00	298.00	1.00	432837	5.010	Sericitic alteration	3%	
298.00	299.00	1.00	432838	0.271	Biotitic alteration	2%	matrix dominated
299.00	299.50	0.50	432839	0.361	Sericitic alteration	2%	wallrock dominated

From	To	Lithologic Group					
299.50	300.38	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
299.50	300.38	0.88	432840	0.367	Biotitic alteration	2%	mafic quartz porphyry with some fragments of hydrothermal breccia in it
From	To	Lithologic Group					
300.38	303.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
300.38	301.00	0.62	432841	1.613	Sericitic alteration	1%	
301.00	302.13	1.13	432842	0.142	Sericitic alteration	2%	13cm of quartz porphyry, mag
302.13	303.00	0.87	432843	0.303	Sericitic alteration	1%	magnetic
From	To	Lithologic Group					
303.00	305.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
303.00	304.02	1.02	432844	0.745	Sericitic alteration	2%	magnetic, medium grained, massive, equigranular, medium grey
304.02	305.00	0.98	432846	0.549	Sericitic alteration	2%	
From	To	Lithologic Group					
305.00	309.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
305.00	306.00	1.00	432847	0.387	Sericitic alteration	3%	2-3% matrix
306.00	307.00	1.00	432849	0.684	Sericitic alteration	2%	
307.00	308.00	1.00	432851	2.178	Sericitic alteration	2%	in-situe style brecciation
308.00	309.00	1.00	432852	2.204	Silicified	2%	sil alt halo around matrix
From	To	Lithologic Group					
309.00	309.57	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
309.00	309.57	0.57	432853	0.743	Sericitic alteration	3%	Ton 2 with 11cms of tonalite
From	To	Lithologic Group					
309.57	311.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
309.57	310.46	0.89	432854	4.530	Sericitic alteration	2%	VG in vein at 310.28, medium grained, massive, equigranular, medium grey
310.46	311.00	0.54	432856	0.490	Sericitic alteration	2%	
From	To	Lithologic Group					
311.00	316.28	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
311.00	312.00	1.00	432857	0.207	Sericitic alteration	2%	less sulphides in matrix due to alt. overprint?
312.00	313.00	1.00	432858	0.654	Sericitic alteration	2%	sulphides concentrated in veins and matrix

313.00	313.76	0.76	432859	0.406	Sericitic alteration	1%	
313.76	314.35	0.59	432861	1.925	Sericitic alteration	3%	very fractured
314.35	315.00	0.65	432862	1.754	Sericitic alteration	2%	
315.00	316.28	1.28	432863	1.882	Sericitic alteration	2%	tourmaline in 2 veins?
From 316.28	To 317.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
316.28	317.00	0.72	432864	0.395	Sericitic alteration	3%	medium grained, equigranular, massive, medium grey
From 317.00	To 320.75		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
317.00	318.00	1.00	432865	0.196	Sericitic alteration	2%	
318.00	319.00	1.00	432866	0.806	Sericitic alteration	1%	
319.00	320.00	1.00	432867	0.538	Sericitic alteration	3%	
320.00	320.75	0.75	432868	1.719	Sericitic alteration	2%	
From 320.75	To 322.84		Lithologic Group Diabase				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
320.75	322.00	1.25	432869	0.009	Epidote alteration	1%	fine grained, feldspar phyrlic, dark greenish grey, massive
322.00	322.84	0.84	432871	0.006	Epidote alteration	1%	
From 322.84	To 324.82		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
322.84	324.00	1.16	432873	0.933	Chloritic alteration	2%	medium grained, massive, medium grey, equigranular
324.00	324.82	0.82	432874	0.443	Chloritic alteration	1%	
From 324.82	To 327.63		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
324.82	325.93	1.11	432875	1.076	Silicified	5%	
325.93	326.78	0.85	432876	14.100	Sericitic alteration	6%	VG in vein at 326.22m
326.78	327.63	0.85	432878	0.501	Biotitic alteration	2%	
From 327.63	To 328.56		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
327.63	328.56	0.93	432879	1.728	Biotitic alteration	2%	
From 328.56	To 332.00		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
328.56	330.00	1.44	432880	0.886	Silicified	5%	

330.00	331.04	1.04	432881	1.569	Sericitic alteration	4%	
331.04	332.00	0.96	432882	0.547	Sericitic alteration	2%	
From	To		Lithologic Group				
332.00	334.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
332.00	333.00	1.00	432883	0.362	Sericitic alteration	2%	medium grained, massive, equigranular, medium grey
333.00	334.00	1.00	432885	0.432	Sericitic alteration	2%	
From	To		Lithologic Group				
334.00	335.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
334.00	335.00	1.00	432886	0.381	Sericitic alteration	2%	
From	To		Lithologic Group				
335.00	339.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
335.00	336.00	1.00	432887	0.322	Sericitic alteration	2%	
336.00	337.00	1.00	432888	0.257	Sericitic alteration	2%	
337.00	338.16	1.16	432889	0.082	Sericitic alteration	2%	
338.16	339.00	0.84	432891	0.426	Sericitic alteration	2%	
From	To		Lithologic Group				
339.00	342.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
339.00	340.12	1.12	432892	1.562	Silicified	3%	
340.12	341.03	0.91	432893	0.533	Sericitic alteration	2%	
341.03	342.00	0.97	432894	0.650	Chloritic alteration	3%	20% tonalite 2 irregularly intruding Hydrothermal breccia
From	To		Lithologic Group				
342.00	343.50		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
342.00	343.50	1.50	432895	0.182	Sericitic alteration	4%	EOH

DRILL HOLE REPORT

Drill Hole **GOS21-70** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -60.0
 Length 430.5 m
 Started 23-Mar-21
 Completed 31-Mar-21
 Logged 15-Apr-21
 Logged by Caitlin Beland

Company
 Contractor Chenier Drilling
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Capped

Survey Details:

Claim Number PAT-11117
 Property Chester 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool DGPS

Coordinates:

Target Easting 430840.00
 Comments UTM Datum NAD83 Northing 5267488.02
 UTM Zone 17 Elevation 382.83

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
4.5	328.99	-60.52	55898			34.5	329.64	-60.13	54781		
7.5	329.87	-59.90	56177			37.5	328.46	-59.05	54728		
10.5	329.11	-60.52	55907			40.5	330.12	-60.00	54706		
13.5	329.07	-60.51	55502			43.5	330.24	-60.00	54689		
16.5	329.10	-60.45	55175			46.5	330.53	-59.90	54643		
19.5	329.19	-60.34	54999			49.5	330.66	-59.96	54649		
22.5	329.10	-60.36	54936			52.5	330.30	-59.57	54684		
25.5	329.31	-60.23	54862			55.5	331.20	-59.73	54655		
28.5	329.40	-60.19	54824			58.5	331.21	-59.71	54652		
31.5	329.42	-60.21	54849			61.5	331.29	-59.72	54643		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
64.5	331.59	-59.62	54637		
67.5	331.34	-59.65	54630		
70.5	331.48	-59.60	54630		
73.5	330.59	-59.82	54625		
76.5	332.41	-59.47	54645		
79.5	332.42	-59.47	54621		
82.5	332.57	-59.41	54624		
85.5	332.59	-59.40	54632		
88.5	332.82	-59.31	54638		
91.5	333.07	-59.20	54651		
94.5	333.91	-58.94	54659		
97.5	333.38	-59.04	54660		
100.5	333.64	-58.92	54651		
103.5	333.90	-58.79	54654		
106.5	333.90	-58.78	54656		
109.5	334.15	-58.66	54636		
112.5	334.27	-58.59	54600		
115.5	334.35	-58.41	54591		
118.5	334.57	-58.23	54611		
121.5	334.65	-58.13	54621		
124.5	334.92	-58.05	54636		
127.5	335.06	-58.00	54632		
130.5	335.31	-57.93	54629		
133.5	335.42	-57.86	54635		
136.5	335.54	-57.86	54633		
139.5	335.59	-57.83	54631		
142.5	335.64	-57.75	54631		
145.5	335.61	-57.77	54633		
148.5	335.68	-57.74	54634		
151.5	335.73	-57.75	54629		
154.5	335.80	-57.72	54632		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
157.5	335.82	-57.73	54632		
160.5	335.85	-57.72	54643		
163.5	335.94	-57.75	54640		
166.5	335.90	-57.73	54638		
169.5	336.02	-57.67	54637		
172.5	336.06	-57.63	54641		
175.5	336.15	-57.58	54637		
178.5	336.18	-57.51	54637		
181.5	336.16	-57.56	54651		
184.5	336.17	-57.59	54653		
187.5	336.11	-57.57	54660		
190.5	336.07	-57.61	54663		
193.5	336.03	-57.56	54673		
196.5	336.15	-57.33	54685		
199.5	336.15	-57.44	54662		
202.5	336.28	-57.38	54593		
205.5	336.28	-57.42	54547		
208.5	336.54	-57.41	54494		
211.5	335.89	-57.34	54730		
214.5	336.31	-57.54	54669		
217.5	336.41	-57.44	54582		
220.5	336.02	-57.45	54596		
223.5	336.00	-57.43	54654		
226.5	336.45	-57.41	54648		
229.5	336.47	-57.40	54659		
232.5	336.46	-57.37	54662		
235.5	336.52	-57.30	54686		
238.5	336.52	-57.25	54691		
241.5	336.49	-57.22	54692		
244.5	336.49	-57.19	54697		
247.5	336.55	-57.19	54696		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
250.5	336.61	-57.16	54701		
253.5	336.65	-57.14	54702		
256.5	336.72	-57.11	54685		
259.5	336.83	-57.09	54691		
262.5	336.90	-57.06	54703		
265.5	336.89	-57.07	54698		
268.5	336.92	-57.07	54701		
271.5	336.96	-57.05	54706		
274.5	336.99	-57.00	54701		
277.5	337.01	-56.99	54714		
280.5	337.07	-56.97	54712		
283.5	337.21	-56.95	54712		
286.5	337.17	-56.96	54718		
289.5	337.20	-56.93	54719		
292.5	337.62	-56.34	54726		
295.5	337.18	-57.16	54731		
298.5	337.60	-56.78	54733		
301.5	337.33	-56.83	54740		
304.5	337.25	-57.10	54727		
307.5	337.50	-56.77	54754		
310.5	337.44	-56.79	54716		
313.5	337.45	-56.73	54697		
316.5	337.45	-56.70	54683		
319.5	337.39	-56.75	54712		
322.5	337.56	-56.70	54739		
325.5	337.61	-56.62	54726		
328.5	337.60	-56.64	54724		
331.5	337.38	-56.57	54699		
334.5	337.68	-56.52	54757		
337.5	337.84	-56.47	54599		
340.5	337.56	-56.45	54690		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
343.5	338.49	-56.79	54946		
346.5	336.75	-56.36	54955		
349.5	337.77	-56.41	54839		
352.5	337.84	-56.39	54698		
355.5	337.49	-56.36	54538		
358.5	337.94	-56.33	54570		
361.5	338.23	-56.34	54595		
364.5	337.86	-56.31	54807		
367.5	337.89	-56.31	54724		
370.5	337.06	-56.28	54492		
373.5	338.23	-56.23	54362		
376.5	336.84	-56.23	54875		
379.5	335.24	-56.20	54112		
382.5	336.61	-56.14	54523		
385.5	335.90	-56.14	54669		
388.5	335.22	-56.10	53864		
391.5	336.44	-56.07	55574		
394.5	336.39	-56.07	54432		
397.5	337.31	-56.05	54627		
400.5	339.21	-56.02	53993		
403.5	337.60	-56.04	54479		
406.5	336.44	-55.97	54566		
409.5	337.07	-55.94	55268		
412.5	337.32	-55.91	54803		
415.5	338.24	-55.87	54713		
418.5	338.22	-55.80	54649		
421.5	337.73	-55.78	54405		
424.5	336.16	-55.68	55104		

From	To	Lithologic Group					
0.00	0.25	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	0.25	0.25			Unaltered		
From	To	Lithologic Group					
0.25	15.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.25	1.00	0.75	432901	0.066	Sericitic alteration	2%	light grey, fine to medium grained, massive, non magnetic
1.00	2.00	1.00	432902	0.148	Sericitic alteration	1%	
2.00	3.00	1.00	432903	0.222	Sericitic alteration	1%	
3.00	4.00	1.00	432904	0.151	Sericitic alteration	1%	
4.00	5.00	1.00	432905	0.036	Sericitic alteration	1%	
5.00	5.85	0.85	432906	1.456	Sericitic alteration	1%	
5.85	7.00	1.15	432907	0.177	Sericitic alteration	4%	
7.00	8.00	1.00	432908	0.033	Sericitic alteration	2%	
8.00	9.00	1.00	432909	0.082	Sericitic alteration	2%	
9.00	10.00	1.00	432911	0.023	Sericitic alteration	3%	
10.00	11.00	1.00	432913	0.068	Sericitic alteration	1%	
11.00	12.00	1.00	432914	0.015	Sericitic alteration	1%	
12.00	13.00	1.00	432915	0.056	Sericitic alteration	2%	
13.00	13.95	0.95	432916	0.029	Sericitic alteration	1%	
13.95	15.00	1.05	432917	0.014	Sericitic alteration	3%	
From	To	Lithologic Group					
15.00	16.00	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
15.00	16.00	1.00	432918	0.014	Sericitic alteration	1%	15% QDR fragment (one frag, subrounded) in Ton matrix
From	To	Lithologic Group					
16.00	25.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
16.00	17.00	1.00	432919	0.017	Sericitic alteration	1%	30% mafic dyke
17.00	18.00	1.00	432920	0.070	Sericitic alteration	1%	
18.00	19.00	1.00	432921	0.007	Sericitic alteration	2%	
19.00	20.00	1.00	432922	0.009	Sericitic alteration	3%	
20.00	21.00	1.00	432923	0.177	Sericitic alteration	1%	
21.00	22.10	1.10	432925	0.600	Sericitic alteration	2%	
22.10	23.00	0.90	432926	0.219	Sericitic alteration	3%	
23.00	24.00	1.00	432927	0.038	Silicified	5%	

24.00	25.00	1.00	432928	0.197	Silicified	6%	
From	To		Lithologic Group				
25.00	38.70		Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
25.00	26.00	1.00	432929	0.054	Chloritic alteration	50%	50% qtz vein; sheared
26.00	27.00	1.00	432931	1.569	Chloritic alteration	20%	sheared
27.00	28.00	1.00	432932	2.341	Chloritic alteration	1%	dark green, massive, fine-medium grained, non magnetic
28.00	29.00	1.00	432933	0.051	Chloritic alteration	1%	
29.00	30.00	1.00	432934	0.034	Chloritic alteration	1%	spotted appearance - clots of amphibole?
30.00	30.75	0.75	432935	0.016	Chloritic alteration	1%	spotted appearance - clots of amphibole?
30.75	31.65	0.90	432937	0.025	Chloritic alteration	1%	
31.65	33.00	1.35	432938	0.014	Chloritic alteration	1%	
33.00	34.00	1.00	432939	0.276	Chloritic alteration	1%	
34.00	35.00	1.00	432940	0.064	Chloritic alteration	1%	
35.00	36.00	1.00	432941	0.179	Chloritic alteration	2%	
36.00	37.00	1.00	432942	0.154	Chloritic alteration	4%	
37.00	38.00	1.00	432943	0.012	Chloritic alteration	1%	
38.00	38.70	0.70	432944	0.060	Chloritic alteration	1%	
From	To		Lithologic Group				
38.70	45.70		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
38.70	40.00	1.30	432945	0.009	Chloritic alteration	1%	dark green, qtz-porphyritic, non magnetic diorite. Dioritic groundmass is fine to medium grained
40.00	41.00	1.00	432946	0.035	Chloritic alteration	1%	
41.00	42.00	1.00	432947	0.116	Chloritic alteration	2%	
42.00	42.75	0.75	432949	0.022	Chloritic alteration	1%	
42.75	44.00	1.25	432951	0.330	Chloritic alteration	1%	light pink and dark green quartz diorite. Dioritic groundmass is medium to coarse grained.
44.00	45.00	1.00	432952	0.179	Chloritic alteration	1%	
45.00	45.70	0.70	432953	0.141	Chloritic alteration	1%	
From	To		Lithologic Group				
45.70	46.75		Tonalite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
45.70	46.75	1.05	432954	0.208	Silicified	1%	one QDR fragment in tonalitic matrix
From	To		Lithologic Group				
46.75	47.95		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
46.75	47.95	1.20	432955	0.201	Chloritic alteration	1%	

From	To	Lithologic Group					
47.95	50.70	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
47.95	49.00	1.05	432956	0.184	Silicified	1%	
49.00	50.00	1.00	432957	0.143	Silicified	1%	
50.00	50.70	0.70	432958	0.130	Silicified	1%	
From	To	Lithologic Group					
50.70	51.70	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
50.70	51.70	1.00	432959	0.343	Chloritic alteration	1%	
From	To	Lithologic Group					
51.70	69.00	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
51.70	53.00	1.30	432961	0.010	Chloritic alteration	1%	
53.00	54.00	1.00	432962	0.011	Chloritic alteration	4%	
54.00	55.00	1.00	432963	0.015	Chloritic alteration	1%	
55.00	56.00	1.00	432964	0.011	Chloritic alteration	3%	
56.00	57.00	1.00	432965	0.014	Chloritic alteration	1%	
57.00	57.75	0.75	432966	0.022	Chloritic alteration	3%	
57.75	59.00	1.25	432967	0.015	Chloritic alteration	3%	
59.00	60.00	1.00	432968	0.269	Chloritic alteration	3%	
60.00	61.00	1.00	432969	0.082	Chloritic alteration	5%	
61.00	62.00	1.00	432971	0.034	Chloritic alteration	1%	
62.00	63.00	1.00	432973	0.016	Chloritic alteration	1%	
63.00	64.00	1.00	432974	0.015	Chloritic alteration	1%	
64.00	65.00	1.00	432975	0.014	Chloritic alteration	1%	
65.00	66.00	1.00	432976	0.006	Chloritic alteration	1%	
66.00	67.00	1.00	432977	0.016	Chloritic alteration	1%	
67.00	68.00	1.00	432978	0.035	Chloritic alteration	1%	
68.00	69.00	1.00	432979	0.228	Chloritic alteration	1%	
From	To	Lithologic Group					
69.00	72.00	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
69.00	70.00	1.00	432980	0.115	Chloritic alteration	1%	50% QDR fragment in tonalite matrix
70.00	71.00	1.00	432981	0.214	Chloritic alteration	1%	95% QDR fragments in tonalite matrix
71.00	72.00	1.00	432982	0.912	Chloritic alteration	1%	50% QDR fragments in tonalite matrix
From	To	Lithologic Group					
72.00	73.00	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
72.00	73.00	1.00	432983	0.298	Chloritic alteration	1%	

From	To	Lithologic Group					
73.00	75.00	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
73.00	74.00	1.00	432985	0.026	Chloritic alteration	1%	
74.00	75.00	1.00	432986	0.028	Chloritic alteration	1%	
From	To	Lithologic Group					
75.00	76.00	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
75.00	76.00	1.00	432987	0.027	Chloritic alteration	1%	75% QDR fragments in tonalite matrix
From	To	Lithologic Group					
76.00	78.00	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
76.00	77.00	1.00	432988	0.285	Chloritic alteration	1%	
77.00	78.00	1.00	432989	0.034	Chloritic alteration	1%	
From	To	Lithologic Group					
78.00	80.00	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
78.00	79.00	1.00	432991	0.167	Chloritic alteration	4%	75% QDR fragments in tonalite matrix
79.00	80.00	1.00	432992	0.157	Chloritic alteration	4%	60% QDR fragments in tonalite matrix
From	To	Lithologic Group					
80.00	81.00	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
80.00	81.00	1.00	432993	0.082	Chloritic alteration	1%	
From	To	Lithologic Group					
81.00	85.40	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
81.00	82.00	1.00	432994	0.201	Chloritic alteration	1%	75% QDR fragments in tonalite matrix
82.00	83.00	1.00	432995	0.598	Chloritic alteration	1%	50% QDR fragments in tonalite matrix
83.00	84.00	1.00	432997	0.046	Chloritic alteration	1%	90% QDR and DR fragments in tonalite matrix
84.00	85.40	1.40	432998	0.188	Silicified	1%	15% QDR and DR fragments in tonalite matrix
From	To	Lithologic Group					
85.40	104.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
85.40	86.00	0.60	432999	0.077	Silicified	2%	
86.00	87.00	1.00	433000	1.626	Silicified	2%	
87.00	88.00	1.00	254301	0.173	Silicified	3%	
88.00	89.00	1.00	254302	0.139	Silicified	2%	

89.00	90.00	1.00	254303	0.153	Silicified	1%
90.00	91.00	1.00	254304	1.352	Silicified	2%
91.00	92.00	1.00	254305	0.266	Silicified	2%
92.00	93.00	1.00	254306	0.025	Silicified	2%
93.00	94.00	1.00	254307	0.039	Silicified	2%
94.00	94.95	0.95	254308	0.074	Silicified	1%
94.95	96.00	1.05	254309	0.049	Silicified	1%
96.00	96.90	0.90	254311	0.051	Silicified	2%
96.90	98.00	1.10	254313	0.006	Sericitic alteration	2%
98.00	99.00	1.00	254314	0.038	Sericitic alteration	2%
99.00	100.00	1.00	254315	0.013	Silicified	3%
100.00	101.00	1.00	254316	0.088	Silicified	1%
101.00	102.00	1.00	254317	0.861	Silicified	1%
102.00	103.00	1.00	254318	0.607	Silicified	2%
103.00	104.00	1.00	254319	0.435	Silicified	2%

From	To	Lithologic Group				
104.00	106.30	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
104.00	105.00	1.00	254320	0.044	Chloritic alteration	5%	
105.00	106.30	1.30	254321	0.005	Chloritic alteration	2%	

From	To	Lithologic Group				
106.30	203.30	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
106.30	107.00	0.70	254322	0.139	Silicified	1%	
107.00	108.00	1.00	254323	4.380	Silicified	1%	
108.00	109.00	1.00	254325	4.140	Silicified	1%	
109.00	110.00	1.00	254326	0.371	Silicified	3%	
110.00	111.00	1.00	254327	0.234	Silicified	1%	
111.00	112.00	1.00	254328	0.025	Silicified	2%	
112.00	113.00	1.00	254329	0.528	Silicified	3%	15% mafic dyke xcutting at low angle
113.00	114.00	1.00	254331	0.029	Silicified	2%	
114.00	115.00	1.00	254332	0.105	Silicified	4%	
115.00	116.00	1.00	254333	0.049	Silicified	2%	
116.00	117.00	1.00	254334	0.108	Silicified	3%	
117.00	118.40	1.40	254335	0.110	Sericitic alteration	10%	
118.40	119.00	0.60	254337	0.034	Silicified	1%	
119.00	120.00	1.00	254338	0.257	Silicified	3%	
120.00	121.00	1.00	254339	0.312	Silicified	1%	
121.00	122.00	1.00	254340	0.051	Silicified	1%	
122.00	123.00	1.00	254341	0.136	Silicified	1%	
123.00	124.00	1.00	254342	0.040	Silicified	1%	

124.00	125.00	1.00	254343	0.031	Silicified	2%
125.00	126.00	1.00	254344	0.017	Silicified	2%
126.00	127.00	1.00	254345	0.074	Silicified	1%
127.00	128.00	1.00	254346	0.090	Sericitic alteration	1%
128.00	129.00	1.00	254347	0.079	Silicified	1%
129.00	130.00	1.00	254349	0.219	Sericitic alteration	1%
130.00	130.90	0.90	254351	0.131	Sericitic alteration	3%
130.90	132.00	1.10	254352	0.229	Silicified	1%
132.00	133.00	1.00	254353	0.110	Silicified	2%
133.00	134.00	1.00	254354	0.167	Silicified	1%
134.00	135.00	1.00	254355	0.072	Silicified	1%
135.00	136.00	1.00	254356	0.110	Silicified	2%
136.00	137.00	1.00	254357	0.125	Silicified	1%
137.00	138.00	1.00	254358	0.049	Silicified	1%
138.00	139.00	1.00	254359	0.086	Silicified	3%
139.00	140.00	1.00	254361	0.234	Silicified	2%
140.00	141.00	1.00	254362	0.158	Silicified	3%
141.00	142.00	1.00	254363	0.044	Sericitic alteration	2%
142.00	143.00	1.00	254364	0.045	Sericitic alteration	1%
143.00	144.00	1.00	254365	0.052	Silicified	1%
144.00	145.00	1.00	254366	0.199	Silicified	1%
145.00	146.00	1.00	254367	0.179	Silicified	1%
146.00	147.00	1.00	254368	0.513	Silicified	2%
147.00	148.00	1.00	254369	0.315	Silicified	2%
148.00	149.00	1.00	254371	0.256	Silicified	1%
149.00	150.00	1.00	254373	0.012	Silicified	1%
150.00	151.00	1.00	254374	0.024	Silicified	1%
151.00	152.00	1.00	254375	0.055	Silicified	1%
152.00	153.00	1.00	254376	0.036	Silicified	1%
153.00	154.00	1.00	254377	4.830	Silicified	1%
154.00	155.00	1.00	254378	0.539	Silicified	2%
155.00	156.00	1.00	254379	0.199	Silicified	3%
156.00	157.00	1.00	254380	3.020	Silicified	4%
157.00	158.00	1.00	254381	1.179	Silicified	2%
158.00	159.00	1.00	254382	0.302	Silicified	3%
159.00	160.00	1.00	254383	0.208	Sericitic alteration	1%
160.00	161.00	1.00	254385	0.259	Sericitic alteration	2%
161.00	162.00	1.00	254386	0.036	Silicified	2%
162.00	163.00	1.00	254387	0.184	Sericitic alteration	1%
163.00	164.00	1.00	254388	0.212	Sericitic alteration	2%
164.00	165.00	1.00	254389	0.282	Sericitic alteration	1%
165.00	166.00	1.00	254391	0.049	Sericitic alteration	1%

166.00	167.00	1.00	254392	0.150	Sericitic alteration	1%
167.00	168.00	1.00	254393	0.241	Sericitic alteration	3%
168.00	169.00	1.00	254394	0.110	Sericitic alteration	1%
169.00	170.00	1.00	254395	0.276	Sericitic alteration	6%
170.00	171.00	1.00	254397	0.311	Sericitic alteration	2%
171.00	172.00	1.00	254398	0.283	Sericitic alteration	1%
172.00	173.00	1.00	254399	2.083	Chloritic alteration	5%
173.00	174.00	1.00	254400	0.751	Sericitic alteration	2%
174.00	175.00	1.00	254401	0.138	Chloritic alteration	1%
175.00	176.00	1.00	254402	0.745	Sericitic alteration	2%
176.00	177.00	1.00	254403	0.381	Sericitic alteration	1%
177.00	178.00	1.00	254404	0.432	Sericitic alteration	1%
178.00	179.00	1.00	254405	0.115	Sericitic alteration	5%
179.00	180.00	1.00	254406	0.134	Sericitic alteration	2%
180.00	181.00	1.00	254407	0.147	Sericitic alteration	2%
181.00	182.00	1.00	254408	0.150	Sericitic alteration	1%
182.00	183.00	1.00	254409	0.747	Sericitic alteration	1%
183.00	184.00	1.00	254411	7.440	Sericitic alteration	1%
184.00	185.00	1.00	254413	0.442	Sericitic alteration	2%
185.00	186.00	1.00	254414	2.750	Sericitic alteration	2%
186.00	187.00	1.00	254415	0.884	Sericitic alteration	2%
187.00	188.00	1.00	254416	0.150	Sericitic alteration	1%
188.00	189.00	1.00	254417	0.131	Sericitic alteration	1%
189.00	190.00	1.00	254418	0.873	Sericitic alteration	1%
190.00	191.00	1.00	254419	0.179	Sericitic alteration	2%
191.00	192.00	1.00	254420	0.198	Sericitic alteration	2%
192.00	193.00	1.00	254421	0.851	Sericitic alteration	2%
193.00	194.00	1.00	254422	0.252	Sericitic alteration	1%
194.00	195.00	1.00	254423	0.307	Sericitic alteration	1%
195.00	196.00	1.00	254425	0.234	Sericitic alteration	1%
196.00	197.00	1.00	254426	0.103	Sericitic alteration	1%
197.00	198.00	1.00	254427	0.688	Sericitic alteration	1%
198.00	199.00	1.00	254428	0.124	Sericitic alteration	2%
199.00	200.00	1.00	254429	0.407	Sericitic alteration	1%
200.00	201.00	1.00	254431	0.129	Sericitic alteration	1%
201.00	202.00	1.00	254432	0.182	Sericitic alteration	1%
202.00	203.30	1.30	254433	1.238	Silicified	2%

From	To	Lithologic Group				
203.30	205.17	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
203.30	204.00	0.70	254434	0.014	Chloritic alteration	1%	
204.00	205.17	1.17	254435	0.009	Chloritic alteration	2%	

From	To	Lithologic Group					
205.17	206.10	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
205.17	206.10	0.93	254437	0.061	Sericitic alteration	30%	25% mafic dyke, subparallel tea
From	To	Lithologic Group					
206.10	208.50	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
206.10	207.00	0.90	254438	0.008	Chloritic alteration	1%	
207.00	208.50	1.50	254439	0.011	Chloritic alteration	1%	
From	To	Lithologic Group					
208.50	214.70	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
208.50	210.00	1.50	254440	0.149	Sericitic alteration	1%	
210.00	211.00	1.00	254441	0.037	Sericitic alteration	1%	
211.00	212.00	1.00	254442	0.167	Sericitic alteration	3%	
212.00	213.00	1.00	254443	0.127	Sericitic alteration	1%	
213.00	214.00	1.00	254444	0.256	Sericitic alteration	1%	
214.00	214.70	0.70	254445	1.421	Sericitic alteration	3%	
From	To	Lithologic Group					
214.70	215.20	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
214.70	215.20	0.50	254446	0.049	Chloritic alteration	5%	
From	To	Lithologic Group					
215.20	305.06	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
215.20	216.00	0.80	254447	0.085	Sericitic alteration	1%	
216.00	217.00	1.00	254449	0.130	Sericitic alteration	1%	
217.00	218.00	1.00	254451	0.203	Sericitic alteration	1%	
218.00	219.00	1.00	254452	0.111	Sericitic alteration	1%	
219.00	220.00	1.00	254453	0.263	Sericitic alteration	2%	
220.00	221.00	1.00	254454	0.428	Sericitic alteration	1%	
221.00	222.00	1.00	254455	0.353	Sericitic alteration	4%	
222.00	223.00	1.00	254456	0.481	Sericitic alteration	1%	
223.00	224.00	1.00	254457	0.336	Sericitic alteration	1%	
224.00	225.00	1.00	254458	2.546	Sericitic alteration	2%	
225.00	226.00	1.00	254459	1.275	Sericitic alteration	1%	
226.00	227.00	1.00	254461	0.102	Sericitic alteration	1%	
227.00	228.00	1.00	254462	0.649	Sericitic alteration	1%	
228.00	229.00	1.00	254463	0.205	Sericitic alteration	1%	
229.00	230.00	1.00	254464	0.107	Sericitic alteration	1%	
230.00	231.00	1.00	254465	0.342	Sericitic alteration	1%	
231.00	232.00	1.00	254466	2.746	Sericitic alteration	1%	

232.00	233.00	1.00	254467	0.524	Sericitic alteration	1%	
233.00	234.00	1.00	254468	0.158	Sericitic alteration	1%	
234.00	235.00	1.00	254469	0.033	Sericitic alteration	1%	
235.00	236.00	1.00	254471	0.617	Sericitic alteration	2%	
236.00	237.00	1.00	254473	0.534	Sericitic alteration	2%	
237.00	238.00	1.00	254474	2.426	Sericitic alteration	1%	
238.00	239.00	1.00	254475	0.224	Sericitic alteration	1%	
239.00	240.00	1.00	254476	0.868	Sericitic alteration	1%	
240.00	241.00	1.00	254477	0.257	Sericitic alteration	1%	
241.00	242.10	1.10	254478	0.452	Sericitic alteration	1%	
242.10	243.00	0.90	254479	2.536	Sericitic alteration	1%	
243.00	244.50	1.50	254480	0.354	Sericitic alteration	3%	
244.50	245.50	1.00	254481	0.601	Sericitic alteration	1%	
245.50	246.50	1.00	254482	0.093	Sericitic alteration	1%	
246.50	247.50	1.00	254483	0.311	Sericitic alteration	1%	
247.50	248.50	1.00	254485	0.789	Sericitic alteration	1%	
248.50	249.50	1.00	254486	0.897	Sericitic alteration	1%	
249.50	250.50	1.00	254487	0.381	Sericitic alteration	1%	
250.50	251.50	1.00	254488	0.276	Sericitic alteration	1%	
251.50	252.50	1.00	254489	0.251	Sericitic alteration	1%	
252.50	253.50	1.00	254491	0.342	Sericitic alteration	1%	
253.50	254.15	0.65	254492	0.490	Sericitic alteration	1%	
254.15	255.30	1.15	254493	3.250	Sericitic alteration	1%	
255.30	256.50	1.20	254494	0.097	Sericitic alteration	2%	
256.50	257.50	1.00	254495	0.596	Sericitic alteration	2%	Justin started logging
257.50	258.50	1.00	254497	0.394	Sericitic alteration	2%	medium grained, equigranular, massive, light pinkish grey
258.50	259.50	1.00	254498	0.067	Sericitic alteration	1%	
259.50	260.50	1.00	254499	0.115	Sericitic alteration	3%	
260.50	261.50	1.00	254500	0.150	Sericitic alteration	1%	2 small mafic xenoliths few cm3
261.50	262.50	1.00	436501	0.131	Sericitic alteration	1%	
262.50	263.50	1.00	436502	0.106	Sericitic alteration	1%	
263.50	264.50	1.00	436503	0.016	Sericitic alteration	1%	
264.50	265.05	0.55	436504	1.036	Sericitic alteration	1%	
265.05	266.23	1.18	436505	2.626	Sericitic alteration	4%	
266.23	267.50	1.27	436506	0.107	Chloritic alteration	2%	chlorite alteration halos around veins
267.50	268.50	1.00	436507	0.132	Sericitic alteration	2%	
268.50	269.50	1.00	436508	0.283	Sericitic alteration	3%	
269.50	270.50	1.00	436509	0.190	Sericitic alteration	3%	
270.50	271.50	1.00	436511	0.182	Sericitic alteration	4%	VG in vein at 270.83m
271.50	272.50	1.00	436514	0.062	Sericitic alteration	3%	
272.50	273.50	1.00	436515	0.087	Sericitic alteration	1%	

273.50	274.50	1.00	436516	0.313	Sericitic alteration	5%	light grey
274.50	275.50	1.00	436517	0.080	Sericitic alteration	3%	
275.50	276.50	1.00	436518	0.235	Sericitic alteration	5%	
276.50	277.50	1.00	436519	0.320	Sericitic alteration	3%	
277.50	278.50	1.00	436520	0.468	Sericitic alteration	2%	
278.50	279.50	1.00	436521	0.217	Sericitic alteration	3%	
279.50	280.50	1.00	436522	0.779	Sericitic alteration	3%	
280.50	281.50	1.00	436523	0.292	Sericitic alteration	3%	
281.50	282.50	1.00	436525	0.157	Sericitic alteration	7%	
282.50	283.50	1.00	436526	1.255	Sericitic alteration	6%	
283.50	284.50	1.00	436527	13.100	Sericitic alteration	3%	
284.50	285.67	1.17	436528	1.264	Sericitic alteration	4%	
285.67	286.67	1.00	436529	0.391	Sericitic alteration	4%	
286.67	287.50	0.83	436531	0.508	Sericitic alteration	5%	
287.50	288.50	1.00	436532	0.556	Sericitic alteration	3%	
288.50	289.50	1.00	436533	1.585	Sericitic alteration	13%	
289.50	290.50	1.00	436534	0.096	Sericitic alteration	7%	
290.50	291.50	1.00	436535	0.055	Sericitic alteration	3%	
291.50	292.50	1.00	436537	1.856	Sericitic alteration	3%	
292.50	293.50	1.00	436538	2.666	Sericitic alteration	5%	
293.50	294.50	1.00	436539	0.771	Sericitic alteration	3%	
294.50	295.50	1.00	436540	0.183	Sericitic alteration	2%	
295.50	296.50	1.00	436541	2.251	Sericitic alteration	2%	
296.50	297.61	1.11	436542	1.007	Sericitic alteration	2%	
297.61	298.50	0.89	436543	0.836	Sericitic alteration	2%	
298.50	299.50	1.00	436544	0.541	Sericitic alteration	4%	
299.50	300.50	1.00	436545	0.086	Sericitic alteration	4%	
300.50	301.73	1.23	436546	0.245	Chloritic alteration	25%	large VN03 with very strong Chlorite alteration halo
301.73	302.50	0.77	436547	1.602	Biotitic alteration	2%	strongly biotite altered.
302.50	303.00	0.50	436549	0.356	Sericitic alteration	1%	
303.00	303.50	0.50	436551	0.487	Sericitic alteration	1%	
303.50	304.50	1.00	436552	0.348	Sericitic alteration	2%	
304.50	305.06	0.56	436553	0.045	Sericitic alteration	1%	

From	To	Lithologic Group	
305.06	307.50	Mafic Dyke	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
305.06	306.50	1.44	436554	0.011	Chloritic alteration	5%	foliated, medium grained, dark grey, equigranular
306.50	307.50	1.00	436555	0.005	Chloritic alteration	2%	

From	To	Lithologic Group	
307.50	358.83	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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307.50	308.50	1.00	436556	0.475	Sericitic alteration	2%	massive, medium grained, light grey, equigranular
308.50	309.50	1.00	436557	0.094	Sericitic alteration	3%	
309.50	310.50	1.00	436558	0.064	Sericitic alteration	4%	
310.50	311.50	1.00	436559	12.300	Sericitic alteration	2%	
311.50	312.50	1.00	436561	5.560	Sericitic alteration	3%	
312.50	313.50	1.00	436562	0.892	Sericitic alteration	2%	
313.50	314.50	1.00	436563	0.620	Sericitic alteration	1%	
314.50	315.50	1.00	436564	0.664	Sericitic alteration	2%	
315.50	316.50	1.00	436565	0.913	Sericitic alteration	2%	
316.50	317.50	1.00	436566	2.359	Sericitic alteration	2%	
317.50	318.50	1.00	436567	0.993	Sericitic alteration	2%	
318.50	319.50	1.00	436568	1.134	Sericitic alteration	3%	
319.50	320.50	1.00	436569	0.110	Sericitic alteration	4%	
320.50	321.50	1.00	436571	0.139	Sericitic alteration	4%	
321.50	322.50	1.00	436573	0.864	Sericitic alteration	1%	
322.50	323.50	1.00	436574	0.212	Sericitic alteration	2%	
323.50	324.17	0.67	436575	0.595	Sericitic alteration	1%	
324.17	324.94	0.77	436576	2.474	Silicified	2%	
324.94	325.50	0.56	436577	0.467	Sericitic alteration	4%	
325.50	326.50	1.00	436578	0.929	Sericitic alteration	3%	
326.50	327.54	1.04	436579	0.229	Sericitic alteration	6%	
327.54	328.50	0.96	436580	0.379	Sericitic alteration	2%	
328.50	329.50	1.00	436581	0.258	Sericitic alteration	4%	
329.50	330.50	1.00	436582	1.125	Silicified	5%	
330.50	331.50	1.00	436583	0.275	Silicified	2%	
331.50	332.50	1.00	436585	0.637	Sericitic alteration	4%	
332.50	333.57	1.07	436586	2.046	Sericitic alteration	4%	
333.57	334.50	0.93	436587	0.213	Sericitic alteration	4%	
334.50	335.50	1.00	436588	0.819	Sericitic alteration	7%	
335.50	336.58	1.08	436589	0.140	Silicified	7%	magnetic
336.58	337.50	0.92	436591	0.169	Sericitic alteration	4%	
337.50	338.50	1.00	436592	0.510	Sericitic alteration	4%	
338.50	339.57	1.07	436593	4.680	Sericitic alteration	8%	no mag
339.57	340.63	1.06	436594	0.383	Sericitic alteration	4%	
340.63	341.50	0.87	436595	0.640	Sericitic alteration	1%	
341.50	342.50	1.00	436597	1.279	Sericitic alteration	2%	
342.50	343.50	1.00	436598	1.743	Sericitic alteration	3%	
343.50	344.50	1.00	436599	0.860	Sericitic alteration	2%	
344.50	345.50	1.00	436600	0.695	Sericitic alteration	3%	
345.50	346.50	1.00	436601	0.784	Sericitic alteration	4%	
346.50	347.50	1.00	436602	0.863	Sericitic alteration	4%	VG in vein at 347.01m
347.50	348.50	1.00	436604	2.340	Sericitic alteration	3%	Mo in vein at 347.85m

348.50	349.59	1.09	436605	0.492	Sericitic alteration	4%	
349.59	350.14	0.55	436606	0.301	Sericitic alteration	3%	
350.14	351.48	1.34	436607	0.125	Sericitic alteration	3%	
351.48	352.50	1.02	436608	0.290	Sericitic alteration	2%	
352.50	353.50	1.00	436609	0.525	Sericitic alteration	2%	
353.50	354.50	1.00	436611	0.986	Sericitic alteration	2%	
354.50	355.50	1.00	436613	1.168	Sericitic alteration	4%	
355.50	356.50	1.00	436614	0.573	Sericitic alteration	4%	
356.50	357.50	1.00	436615	1.667	Sericitic alteration	4%	TE in vein at 356.62m
357.50	358.83	1.33	436617	0.420	Sericitic alteration	25%	

From	To	Lithologic Group					
358.83	360.66	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
358.83	359.50	0.67	436618	0.046	Chloritic alteration	3%	fine to medium grained, equigranular, dark grey, foliated.
359.50	360.66	1.16	436619	0.010	Chloritic alteration	1%	

From	To	Lithologic Group					
360.66	365.17	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
360.66	361.50	0.84	436620	0.264	Silicified	5%	medium grained, equigranular, massive, light pinkish grey
361.50	362.50	1.00	436621	0.229	Silicified	10%	
362.50	363.50	1.00	436622	0.040	Silicified	8%	
363.50	364.50	1.00	436623	0.056	Silicified	5%	
364.50	365.17	0.67	436625	0.812	Sericitic alteration	5%	includes 13 cms of diorite

From	To	Lithologic Group					
365.17	367.63	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
365.17	366.50	1.33	436626	0.006	Chloritic alteration	1%	fine to medium grained, massive, equigranular, dark greenish grey
366.50	367.63	1.13	436627	0.011	Chloritic alteration	1%	

From	To	Lithologic Group					
367.63	381.02	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
367.63	368.50	0.87	436628	0.822	Sericitic alteration	2%	medium grained, massive, equigranular, light pinkish grey
368.50	369.40	0.90	436629	0.644	Sericitic alteration	5%	
369.40	370.50	1.10	436631	0.502	Sericitic alteration	4%	VG and TE in vein at 369.44m
370.50	371.50	1.00	436633	0.204	Sericitic alteration	3%	
371.50	372.64	1.14	436634	0.531	Sericitic alteration	2%	
372.64	373.50	0.86	436635	0.036	Sericitic alteration	2%	
373.50	374.50	1.00	436637	0.083	Sericitic alteration	1%	

374.50	375.50	1.00	436638	0.198	Sericitic alteration	1%
375.50	376.50	1.00	436639	0.106	Silicified	1%
376.50	377.50	1.00	436640	0.265	Silicified	1%
377.50	378.57	1.07	436641	0.024	Sericitic alteration	1%
378.57	379.50	0.93	436642	0.253	Sericitic alteration	1%
379.50	380.50	1.00	436643	0.669	Sericitic alteration	3%
380.50	381.02	0.52	436644	0.140	Sericitic alteration	6%

From	To	Lithologic Group				
381.02	386.99	Lamprophyre Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
381.02	381.67	0.65	436645	0.005	Biotitic alteration	2%	fine grained, weakly foliated, equigranular, dark grey
381.67	382.50	0.83	436646	0.005	Biotitic alteration	16%	
382.50	383.50	1.00	436647	0.005	Biotitic alteration	4%	
383.50	384.50	1.00	436649	0.007	Biotitic alteration	1%	
384.50	385.50	1.00	436651	0.007	Biotitic alteration	2%	
385.50	386.99	1.49	436652	0.009	Chloritic alteration	2%	

From	To	Lithologic Group				
386.99	430.50	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
386.99	387.97	0.98	436653	0.408	Sericitic alteration	2%	medium grained, massive, equigranular, light pinkish grey, blocky core
387.97	389.00	1.03	436654	0.292	Sericitic alteration	7%	50% lamp and 50% tonalite
389.00	390.00	1.00	436655	0.464	Sericitic alteration	3%	
390.00	391.00	1.00	436656	0.441	Sericitic alteration	1%	
391.00	392.00	1.00	436657	0.212	Sericitic alteration	2%	
392.00	393.00	1.00	436658	0.438	Sericitic alteration	3%	
393.00	394.00	1.00	436659	0.218	Sericitic alteration	1%	
394.00	395.00	1.00	436661	0.555	Sericitic alteration	3%	
395.00	396.00	1.00	436662	0.313	Sericitic alteration	4%	
396.00	397.00	1.00	436663	0.626	Sericitic alteration	3%	
397.00	398.00	1.00	436664	0.490	Sericitic alteration	2%	
398.00	399.17	1.17	436665	0.399	Sericitic alteration	7%	TE at 398.97m
399.17	400.00	0.83	436667	0.256	Sericitic alteration	3%	
400.00	401.00	1.00	436668	1.248	Sericitic alteration	3%	
401.00	402.00	1.00	436669	1.476	Sericitic alteration	2%	
402.00	403.00	1.00	436671	0.690	Sericitic alteration	2%	
403.00	404.00	1.00	436673	0.287	Sericitic alteration	1%	
404.00	405.00	1.00	436674	0.153	Sericitic alteration	1%	
405.00	406.00	1.00	436675	2.211	Sericitic alteration	3%	
406.00	407.00	1.00	436676	0.602	Sericitic alteration	5%	magnetic
407.00	408.00	1.00	436677	0.426	Sericitic alteration	3%	

408.00	409.00	1.00	436678	0.575	Sericitic alteration	2%	
409.00	410.00	1.00	436679	0.885	Sericitic alteration	5%	
410.00	411.00	1.00	436680	2.318	Sericitic alteration	3%	
411.00	412.00	1.00	436681	0.181	Sericitic alteration	2%	
412.00	413.00	1.00	436682	0.067	Sericitic alteration	1%	magnetic
413.00	414.00	1.00	436683	0.051	Sericitic alteration	2%	
414.00	415.03	1.03	436685	0.066	Sericitic alteration	5%	
415.03	416.00	0.97	436686	0.144	Sericitic alteration	4%	
416.00	417.00	1.00	436687	0.047	Sericitic alteration	5%	
417.00	418.00	1.00	436688	0.027	Sericitic alteration	4%	
418.00	419.00	1.00	436689	0.020	Sericitic alteration	5%	
419.00	420.00	1.00	436691	0.035	Sericitic alteration	5%	3cm by 3cm magentic mafic xenolith
420.00	421.03	1.03	436692	0.029	Sericitic alteration	4%	
421.03	422.07	1.04	436693	0.082	Sericitic alteration	4%	
422.07	423.11	1.04	436694	0.052	Sericitic alteration	3%	
423.11	424.01	0.90	436695	0.033	Sericitic alteration	5%	
424.01	425.00	0.99	436697	0.048	Sericitic alteration	4%	
425.00	426.00	1.00	436698	0.056	Sericitic alteration	6%	
426.00	427.00	1.00	436699	0.035	Sericitic alteration	4%	
427.00	427.75	0.75	436700	0.018	Sericitic alteration	5%	
427.75	429.00	1.25	436701	0.022	Silicified	12%	irregular magnetic veins, possibly HdBx
429.00	430.00	1.00	436702	0.021	Sericitic alteration	5%	
430.00	430.50	0.50	436703	0.019	Sericitic alteration	5%	EOH.

DRILL HOLE REPORT

Drill Hole **GOS21-71** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -60.0
 Length 424.5 m
 Started 25-Mar-21
 Completed 04-Apr-21
 Logged 21-Apr-21
 Logged by Laurent Gauchat
 Target
 Comments B.Tomczuk logged starting at 327m to EOH

Company
 Contractor Chenier Drilling Services
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing NONE
 Condition Cemented

Survey Details:

Claim Number PAT-11117
 Property Chester 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool GPS

Coordinates:

Easting 430831.87
 UTM Datum NAD83 Northing 5267546.73
 UTM Zone 17 Elevation 381.75

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
3.0	330.95	-61.01		RM	Good	33.0	331.15	-61.33		RM	Good
6.0	330.92	-61.03		RM	Good	36.0	331.16	-61.33		RM	Good
9.0	330.85	-61.17		RM	Good	39.0	330.86	-61.32		RM	Good
12.0	330.96	-61.17		RM	Good	42.0	331.21	-61.29		RM	Good
15.0	330.85	-61.24		RM	Good	45.0	330.99	-61.23		RM	Good
18.0	330.97	-61.25		RM	Good	48.0	331.00	-61.27		RM	Good
21.0	330.93	-61.30		RM	Good	51.0	331.02	-61.29		RM	Good
24.0	329.95	-62.07		RM	Good	54.0	331.12	-61.26		RM	Good
27.0	331.11	-61.27		RM	Good	57.0	331.03	-61.28		RM	Good
30.0	331.12	-61.30		RM	Good	60.0	331.00	-61.35		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
63.0	331.75	-60.12		RM	Good
66.0	330.96	-61.34		RM	Good
69.0	331.12	-61.30		RM	Good
72.0	331.14	-61.37		RM	Good
75.0	331.17	-61.36		RM	Good
78.0	331.09	-61.42		RM	Good
81.0	331.11	-61.43		RM	Good
84.0	331.23	-61.39		RM	Good
87.0	331.16	-61.39		RM	Good
90.0	331.14	-61.40		RM	Good
93.0	331.22	-61.39		RM	Good
96.0	331.22	-61.31		RM	Good
99.0	331.27	-61.34		RM	Good
102.0	331.45	-61.31		RM	Good
105.0	331.48	-61.32		RM	Good
108.0	331.49	-61.30		RM	Good
111.0	331.56	-61.33		RM	Good
114.0	331.69	-61.29		RM	Good
117.0	331.80	-61.30		RM	Good
120.0	331.91	-61.31		RM	Good
123.0	331.95	-61.35		RM	Good
126.0	332.10	-61.34		RM	Good
129.0	332.17	-61.37		RM	Good
132.0	332.17	-61.40		RM	Good
135.0	332.31	-61.36		RM	Good
138.0	332.28	-61.43		RM	Good
141.0	332.35	-61.44		RM	Good
144.0	332.33	-61.47		RM	Good
147.0	332.33	-61.47		RM	Good
150.0	332.43	-61.48		RM	Good
153.0	332.46	-61.53		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
156.0	332.43	-61.47		RM	Good
159.0	332.31	-61.46		RM	Good
162.0	331.85	-62.07		RM	Good
165.0	332.54	-61.43		RM	Good
168.0	332.61	-61.42		RM	Good
171.0	332.65	-61.47		RM	Good
174.0	332.65	-61.45		RM	Good
177.0	332.62	-61.47		RM	Good
180.0	332.64	-61.45		RM	Good
183.0	332.64	-61.45		RM	Good
186.0	332.73	-61.46		RM	Good
189.0	332.83	-61.43		RM	Good
192.0	332.79	-61.51		RM	Good
195.0	332.92	-61.46		RM	Good
198.0	332.97	-61.45		RM	Good
201.0	333.08	-61.43		RM	Good
204.0	333.04	-61.44		RM	Good
207.0	333.11	-61.44		RM	Good
210.0	333.18	-61.40		RM	Good
213.0	333.26	-61.41		RM	Good
216.0	333.03	-61.46		RM	Good
219.0	333.09	-61.40		RM	Good
222.0	333.53	-61.43		RM	Good
225.0	333.19	-61.41		RM	Good
228.0	333.25	-61.37		RM	Good
231.0	333.77	-61.08		RM	Good
234.0	333.65	-61.28		RM	Good
237.0	333.72	-61.27		RM	Good
240.0	333.85	-61.22		RM	Good
243.0	333.91	-61.16		RM	Good
246.0	334.00	-61.13		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
249.0	334.10	-61.08		RM	Good
252.0	334.04	-61.05		RM	Good
255.0	334.19	-60.98		RM	Good
258.0	334.18	-61.00		RM	Good
261.0	334.24	-60.99		RM	Good
264.0	334.44	-60.95		RM	Good
267.0	334.00	-60.92		RM	Good
270.0	334.44	-60.83		RM	Good
273.0	334.27	-60.87		RM	Good
276.0	334.51	-60.85		RM	Good
279.0	335.15	-60.81		RM	Good
282.0	334.49	-60.83		RM	Good
285.0	334.46	-60.79		RM	Good
288.0	334.68	-60.71		RM	Good
291.0	334.72	-60.70		RM	Good
294.0	334.77	-60.68		RM	Good
297.0	334.81	-60.57		RM	Good
300.0	334.86	-60.55		RM	Good
303.0	334.86	-60.53		RM	Good
306.0	334.92	-60.51		RM	Good
309.0	334.86	-60.50		RM	Good
312.0	334.97	-60.47		RM	Good
315.0	335.00	-60.42		RM	Good
318.0	335.04	-60.43		RM	Good
321.0	335.05	-60.35		RM	Good
324.0	335.26	-60.28		RM	Good
327.0	335.33	-60.27		RM	Good
330.0	335.46	-60.32		RM	Good
333.0	335.64	-60.33		RM	Good
336.0	335.59	-60.37		RM	Good
339.0	335.76	-60.47		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
342.0	335.83	-60.51		RM	Good
345.0	335.88	-60.55		RM	Good
348.0	336.49	-60.51		RM	Good
351.0	334.73	-60.51		RM	Good
354.0	336.34	-60.51		RM	Good
357.0	337.24	-60.50		RM	Good
360.0	335.96	-60.53		RM	Good
363.0	336.57	-60.51		RM	Good
366.0	336.83	-60.49		RM	Good
369.0	336.05	-60.52		RM	Good
372.0	336.60	-60.52		RM	Good
375.0	336.83	-60.58		RM	Good
378.0	336.93	-60.56		RM	Good
381.0	336.77	-60.56		RM	Good
384.0	337.46	-60.53		RM	Good
387.0	337.47	-60.55		RM	Good
390.0	336.86	-60.53		RM	Good
393.0	335.21	-60.48		RM	Good
396.0	336.08	-60.50		RM	Good
399.0	335.89	-60.47		RM	Good
402.0	336.95	-60.48		RM	Good
405.0	335.60	-60.51		RM	Good
408.0	336.14	-60.53		RM	Good
411.0	338.05	-60.54		RM	Good
414.0	337.07	-60.52		RM	Good
417.0	337.79	-60.44		RM	Good
420.0	337.96	-60.45		RM	Good
423.0	337.44	-60.44		RM	Good
424.5	336.76	-60.43		RM	Good

From	To	Lithologic Group					
0.00	2.90	Overburden					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	2.90	2.90			Unaltered		

From	To	Lithologic Group					
2.90	7.10	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
2.90	4.00	1.10	435001	0.232	Silicified	2%	x
4.00	5.00	1.00	435002	0.357	Silicified	2%	x
5.00	6.00	1.00	435003	0.061	Silicified	1%	x
6.00	7.10	1.10	435004	0.015	Silicified	2%	x

From	To	Lithologic Group					
7.10	38.00	Quartz diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
7.10	8.00	0.90	435005	0.010	Chloritic alteration	4%	x
8.00	9.50	1.50	435006	0.030	Chloritic alteration	1%	x
9.50	11.00	1.50	435007	0.055	Chloritic alteration	1%	x
11.00	12.50	1.50	435008	0.028	Chloritic alteration	1%	x
12.50	14.00	1.50	435009	0.020	Chloritic alteration	1%	x
14.00	15.50	1.50	435011	0.005	Chloritic alteration	1%	x
15.50	17.00	1.50	435013	0.120	Chloritic alteration	3%	x
17.00	18.50	1.50	435014	0.015	Chloritic alteration	1%	x
18.50	20.00	1.50	435015	0.042	Chloritic alteration	1%	x
20.00	21.50	1.50	435016	0.054	Chloritic alteration	1%	x
21.50	23.00	1.50	435017	0.240	Chloritic alteration	1%	x
23.00	24.50	1.50	435018	0.041	Chloritic alteration	1%	x
24.50	26.00	1.50	435019	0.009	Chloritic alteration	1%	x
26.00	27.50	1.50	435020	0.105	Chloritic alteration	1%	x
27.50	29.00	1.50	435021	0.154	Chloritic alteration	2%	x
29.00	30.50	1.50	435022	0.079	Chloritic alteration	1%	x
30.50	32.00	1.50	435023	0.204	Chloritic alteration	5%	x
32.00	33.50	1.50	435025	0.041	Chloritic alteration	2%	x
33.50	35.00	1.50	435026	0.005	Chloritic alteration	5%	x
35.00	36.50	1.50	435027	0.129	Chloritic alteration	25%	x Big QZ Vn
36.50	38.00	1.50	435028	0.122	Chloritic alteration	5%	x

From	To	Lithologic Group					
38.00	40.00	Tonalite Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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38.00	39.00	1.00	435029	0.093	Silicified	4%	x
39.00	40.00	1.00	435031	0.186	Silicified	6%	x

From	To	Lithologic Group					
40.00	190.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
40.00	41.00	1.00	435032	0.049	Silicified	4%	x
41.00	42.00	1.00	435033	0.296	Silicified	2%	x
42.00	43.00	1.00	435034	0.087	Chloritic alteration	10%	x BX?
43.00	44.00	1.00	435035	0.081	Silicified	4%	x
44.00	45.00	1.00	435037	0.030	Silicified	2%	x
45.00	46.00	1.00	435038	0.050	Silicified	3%	x
46.00	47.00	1.00	435039	0.187	Silicified	6%	x
47.00	48.00	1.00	435040	0.316	Silicified	3%	x
48.00	49.00	1.00	435041	0.294	Silicified	3%	x
49.00	50.00	1.00	435042	0.298	Silicified	3%	x
50.00	51.00	1.00	435043	0.214	Silicified	4%	x
51.00	52.00	1.00	435044	0.198	Silicified	4%	x
52.00	53.00	1.00	435045	0.255	Silicified	6%	x
53.00	54.00	1.00	435046	0.206	Silicified	3%	x
54.00	55.00	1.00	435047	0.164	Silicified	3%	x
55.00	56.00	1.00	435049	0.188	Silicified	3%	x
56.00	57.00	1.00	435051	0.112	Silicified	3%	x
57.00	58.00	1.00	435052	0.203	Silicified	2%	x
58.00	59.00	1.00	435053	0.115	Silicified	1%	x
59.00	60.00	1.00	435054	0.035	Silicified	1%	x
60.00	61.00	1.00	435055	0.005	Silicified	2%	x
61.00	62.00	1.00	435056	0.079	Silicified	4%	x
62.00	63.00	1.00	435057	0.061	Silicified	3%	x
63.00	64.00	1.00	435058	0.128	Silicified	3%	x
64.00	65.00	1.00	435059	0.024	Silicified	3%	x
65.00	66.00	1.00	435061	0.031	Silicified	2%	x
66.00	67.00	1.00	435062	0.015	Silicified	5%	x
67.00	68.00	1.00	435063	0.034	Silicified	8%	x
68.00	69.00	1.00	435064	0.170	Silicified	8%	x
69.00	70.00	1.00	435065	0.023	Silicified	4%	x
70.00	71.00	1.00	435066	0.034	Sericitic alteration	4%	x
71.00	72.00	1.00	435067	0.061	Sericitic alteration	4%	x
72.00	73.00	1.00	435068	0.012	Silicified	3%	x
73.00	74.00	1.00	435069	0.046	Silicified	2%	x
74.00	75.00	1.00	435071	0.009	Silicified	5%	x BC
75.00	76.00	1.00	435073	0.067	Silicified	5%	x BC
76.00	77.00	1.00	435074	0.056	Silicified	5%	x BC

77.00	78.00	1.00	435075	0.019	Silicified	3%	x
78.00	79.00	1.00	435076	0.042	Silicified	3%	x
79.00	80.00	1.00	435077	0.024	Silicified	2%	x
80.00	81.00	1.00	435078	0.044	Sericitic alteration	3%	x
81.00	82.00	1.00	435079	0.065	Silicified	2%	x
82.00	83.00	1.00	435080	0.266	Silicified	2%	x
83.00	84.00	1.00	435081	0.096	Sericitic alteration	3%	x
84.00	85.00	1.00	435082	0.159	Sericitic alteration	2%	x
85.00	86.00	1.00	435083	0.333	Sericitic alteration	6%	x
86.00	87.00	1.00	435085	0.087	Sericitic alteration	2%	x
87.00	88.00	1.00	435086	0.203	Silicified	2%	x
88.00	89.00	1.00	435087	0.039	Silicified	2%	x
89.00	90.00	1.00	435088	0.040	Silicified	3%	x
90.00	91.00	1.00	435089	0.078	Silicified	2%	x
91.00	92.00	1.00	435091	0.093	Silicified	4%	x
92.00	93.00	1.00	435092	0.070	Silicified	3%	x
93.00	94.00	1.00	435093	0.148	Silicified	6%	x
94.00	95.00	1.00	435094	0.216	Silicified	3%	x
95.00	96.00	1.00	435095	0.005	Silicified	4%	x
96.00	97.00	1.00	435097	0.036	Silicified	4%	x
97.00	98.00	1.00	435098	0.203	Silicified	2%	x
98.00	99.00	1.00	435099	0.167	Silicified	3%	x
99.00	100.00	1.00	435100	0.237	Silicified	3%	x
100.00	101.00	1.00	435101	1.232	Silicified	3%	x
101.00	102.00	1.00	435102	0.448	Silicified	2%	x
102.00	103.00	1.00	435103	1.065	Silicified	4%	x
103.00	104.00	1.00	435104	1.483	Sericitic alteration	3%	x
104.00	105.00	1.00	435105	0.882	Silicified	4%	x
105.00	106.00	1.00	435106	1.058	Silicified	4%	x
106.00	107.00	1.00	435107	1.298	Silicified	2%	x
107.00	108.00	1.00	435108	0.777	Silicified	2%	x
108.00	109.00	1.00	435109	0.130	Silicified	2%	x
109.00	110.00	1.00	435111	0.174	Silicified	2%	x
110.00	111.00	1.00	435113	0.878	Silicified	2%	x
111.00	112.00	1.00	435114	2.061	Silicified	3%	x
112.00	113.00	1.00	435115	0.766	Silicified	5%	x
113.00	114.00	1.00	435116	0.172	Silicified	3%	x
114.00	115.00	1.00	435117	0.590	Silicified	2%	x
115.00	116.00	1.00	435118	0.378	Silicified	2%	x
116.00	117.00	1.00	435119	0.242	Silicified	3%	x
117.00	118.00	1.00	435120	0.084	Silicified	2%	x
118.00	119.00	1.00	435121	0.442	Silicified	3%	x

119.00	120.00	1.00	435122	0.298	Silicified	3%	x
120.00	121.00	1.00	435123	0.193	Silicified	3%	x
121.00	122.00	1.00	435125	0.025	Silicified	3%	x
122.00	123.00	1.00	435126	0.774	Silicified	6%	x
123.00	124.00	1.00	435127	0.021	Silicified	3%	x
124.00	125.00	1.00	435128	0.028	Silicified	2%	x
125.00	126.00	1.00	435129	0.041	Silicified	2%	x
126.00	127.00	1.00	435131	0.094	Silicified	2%	x
127.00	128.00	1.00	435132	0.065	Silicified	4%	x
128.00	129.00	1.00	435133	0.218	Sericitic alteration	3%	x
129.00	130.00	1.00	435134	0.143	Sericitic alteration	4%	x
130.00	131.00	1.00	435135	0.229	Sericitic alteration	4%	x
131.00	132.00	1.00	435137	1.435	Silicified	3%	x
132.00	133.00	1.00	435138	4.620	Sericitic alteration	4%	x
133.00	134.00	1.00	435139	1.384	Sericitic alteration	3%	x
134.00	135.00	1.00	435140	0.842	Silicified	2%	x
135.00	136.00	1.00	435141	0.373	Silicified	1%	x
136.00	137.00	1.00	435142	0.082	Silicified	2%	x
137.00	138.00	1.00	435143	0.118	Silicified	3%	x
138.00	139.00	1.00	435144	0.115	Silicified	3%	x
139.00	140.00	1.00	435145	0.545	Silicified	4%	x
140.00	141.00	1.00	435146	0.189	Silicified	6%	x
141.00	142.00	1.00	435147	0.343	Sericitic alteration	6%	x
142.00	143.00	1.00	435149	0.103	Sericitic alteration	4%	x
143.00	144.50	1.50	435151	0.226	Sericitic alteration	3%	x
144.50	146.00	1.50	435152	0.328	Sericitic alteration	3%	x
146.00	147.00	1.00	435153	0.185	Sericitic alteration	3%	x
147.00	148.00	1.00	435154	0.441	Sericitic alteration	3%	x
148.00	149.00	1.00	435155	1.349	Sericitic alteration	6%	x
149.00	150.00	1.00	435156	0.190	Sericitic alteration	6%	x
150.00	151.00	1.00	435157	0.200	Sericitic alteration	3%	x
151.00	151.50	0.50	435158	0.916	Sericitic alteration	3%	x
151.50	152.50	1.00	435159	0.211	Sericitic alteration	3%	x
152.50	153.50	1.00	435161	0.237	Sericitic alteration	4%	x
153.50	154.50	1.00	435162	0.041	Silicified	3%	x
154.50	155.50	1.00	435163	0.432	Silicified	4%	x
155.50	156.50	1.00	435164	0.904	Silicified	2%	x
156.50	157.50	1.00	435165	0.273	Silicified	2%	x
157.50	158.50	1.00	435166	0.262	Silicified	3%	x
158.50	159.50	1.00	435167	0.571	Silicified	3%	x
159.50	160.50	1.00	435168	0.713	Silicified	2%	x
160.50	161.50	1.00	435169	0.213	Silicified	4%	x

161.50	162.50	1.00	435171	0.191	Silicified	3%	x
162.50	163.50	1.00	435173	0.166	Silicified	2%	x
163.50	164.50	1.00	435174	0.096	Silicified	4%	x
164.50	165.50	1.00	435175	0.236	Silicified	4%	x
165.50	166.50	1.00	435176	0.159	Silicified	3%	x
166.50	167.50	1.00	435177	0.663	Silicified	5%	x
167.50	168.50	1.00	435178	1.300	Silicified	5%	x
168.50	169.50	1.00	435179	0.130	Silicified	3%	x
169.50	170.50	1.00	435180	0.055	Silicified	3%	x
170.50	171.50	1.00	435181	0.998	Sericitic alteration	3%	x
171.50	172.50	1.00	435182	1.088	Sericitic alteration	3%	x
172.50	173.50	1.00	435183	0.247	Sericitic alteration	2%	x
173.50	174.50	1.00	435185	2.119	Sericitic alteration	4%	x
174.50	175.50	1.00	435186	0.599	Sericitic alteration	5%	x
175.50	176.50	1.00	435187	3.230	Sericitic alteration	6%	x
176.50	177.50	1.00	435188	1.258	Sericitic alteration	4%	x
177.50	178.50	1.00	435189	0.297	Sericitic alteration	2%	x
178.50	179.50	1.00	435191	0.946	Sericitic alteration	3%	x
179.50	180.50	1.00	435192	1.482	Sericitic alteration	6%	x
180.50	181.50	1.00	435193	0.305	Sericitic alteration	4%	x
181.50	182.50	1.00	435194	0.399	Sericitic alteration	3%	x
182.50	183.50	1.00	435195	5.970	Sericitic alteration	2%	x
183.50	184.50	1.00	435197	0.799	Sericitic alteration	3%	x
184.50	185.50	1.00	435198	0.221	Silicified	3%	x
185.50	186.50	1.00	435199	0.212	Silicified	2%	x
186.50	187.50	1.00	435200	0.206	Sericitic alteration	3%	x
187.50	188.50	1.00	435201	0.628	Sericitic alteration	4%	x
188.50	190.00	1.50	435202	0.348	Sericitic alteration	3%	x

From	To	Lithologic Group					
190.00	191.50	Lamprophyre Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
190.00	191.50	1.50	435203	0.007	Chloritic alteration	10%	x

From	To	Lithologic Group					
191.50	213.70	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
191.50	192.50	1.00	435204	0.411	Silicified	3%	x
192.50	193.50	1.00	435205	0.046	Silicified	4%	x
193.50	194.50	1.00	435206	0.053	Silicified	3%	x
194.50	195.50	1.00	435207	0.092	Silicified	3%	x
195.50	196.50	1.00	435208	0.277	Silicified	2%	x
196.50	197.50	1.00	435209	0.283	Sericitic alteration	2%	x
197.50	198.50	1.00	435211	0.417	Sericitic alteration	4%	x

198.50	199.50	1.00	435213	0.147	Silicified	3%	x
199.50	200.50	1.00	435214	0.017	Silicified	3%	x
200.50	201.50	1.00	435215	0.069	Silicified	2%	x
201.50	202.50	1.00	435216	3.840	Silicified	3%	x
202.50	203.50	1.00	435217	0.065	Silicified	3%	x
203.50	204.50	1.00	435218	2.369	Sericitic alteration	4%	x
204.50	205.50	1.00	435219	1.107	Sericitic alteration	3%	x
205.50	206.50	1.00	435220	0.804	Silicified	2%	x
206.50	207.50	1.00	435221	1.675	Silicified	3%	x
207.50	208.50	1.00	435222	9.730	Silicified	3%	x
208.50	209.50	1.00	435223	0.052	Silicified	3%	x
209.50	210.50	1.00	435225	0.025	Silicified	3%	x
210.50	211.50	1.00	435226	2.761	Silicified	2%	x
211.50	212.50	1.00	435227	0.632	Silicified	4%	x
212.50	213.70	1.20	435228	0.130	Silicified	4%	x

From	To	Lithologic Group					
213.70	215.00	Lamprophyre Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
213.70	215.00	1.30	435229	0.022	Chloritic alteration	10%	x

From	To	Lithologic Group					
215.00	219.80	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
215.00	216.50	1.50	435231	0.099	Silicified	7%	x
216.50	217.50	1.00	435232	0.036	Silicified	3%	x
217.50	218.50	1.00	435233	0.044	Silicified	3%	x
218.50	219.80	1.30	435234	1.976	Sericitic alteration	3%	x

From	To	Lithologic Group					
219.80	222.40	Lamprophyre Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
219.80	221.50	1.70	435235	0.043	Chloritic alteration	14%	x
221.50	222.40	0.90	435256	0.020	Chloritic alteration	8%	x 435256* to correct STD sequence

From	To	Lithologic Group					
222.40	335.95	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
222.40	223.50	1.10	435237	0.629	Sericitic alteration	25%	x
223.50	224.40	0.90	435238	0.086	Sericitic alteration	7%	x
224.40	225.50	1.10	435239	0.023	Sericitic alteration	4%	x small lamp dyke
225.50	226.50	1.00	435240	0.064	Silicified	2%	x
226.50	227.50	1.00	435241	0.345	Silicified	5%	x
227.50	228.50	1.00	435242	0.027	Silicified	3%	x
228.50	229.50	1.00	435243	0.085	Silicified	2%	x

229.50	230.50	1.00	435244	0.151	Silicified	4%	x
230.50	231.50	1.00	435245	0.154	Sericitic alteration	5%	x
231.50	232.50	1.00	435246	0.288	Sericitic alteration	5%	x
232.50	233.50	1.00	435247	0.029	Sericitic alteration	5%	x
233.50	234.50	1.00	435249	0.182	Sericitic alteration	2%	x
234.50	235.50	1.00	435251	239.000	Sericitic alteration	5%	x
235.50	236.50	1.00	435252	0.322	Silicified	2%	x
236.50	237.50	1.00	435253	0.223	Silicified	3%	x
237.50	238.50	1.00	435254	0.079	Silicified	1%	x
238.50	239.50	1.00	435255	0.056	Silicified	2%	x
239.50	240.50	1.00	435257	0.088	Silicified	2%	x
240.50	241.50	1.00	435258	0.174	Silicified	2%	x
241.50	242.50	1.00	435259	0.099	Silicified	3%	x
242.50	243.50	1.00	435261	1.142	Silicified	3%	x
243.50	244.50	1.00	435262	1.039	Silicified	5%	x
244.50	245.50	1.00	435263	0.021	Silicified	1%	x
245.50	246.50	1.00	435264	0.031	Silicified	2%	x
246.50	247.50	1.00	435265	0.156	Silicified	3%	x
247.50	248.50	1.00	435266	0.090	Silicified	2%	x
248.50	249.50	1.00	435267	0.072	Silicified	3%	x
249.50	250.50	1.00	435268	0.047	Silicified	4%	x
250.50	251.50	1.00	435269	0.424	Silicified	2%	x
251.50	252.50	1.00	435271	0.087	Silicified	2%	x
252.50	253.50	1.00	435273	0.323	Silicified	2%	x
253.50	254.50	1.00	435274	0.088	Silicified	2%	x
254.50	255.50	1.00	435275	0.052	Silicified	2%	x
255.50	256.50	1.00	435276	0.132	Silicified	1%	x
256.50	257.50	1.00	435277	1.226	Silicified	2%	x
257.50	258.50	1.00	435278	1.485	Silicified	2%	x
258.50	259.50	1.00	435279	0.208	Silicified	2%	x
259.50	260.50	1.00	435280	0.409	Silicified	3%	x
260.50	261.50	1.00	435281	0.187	Silicified	2%	x
261.50	262.50	1.00	435282	0.070	Silicified	1%	x
262.50	263.50	1.00	435283	0.143	Silicified	2%	x
263.50	264.50	1.00	435285	0.164	Silicified	2%	x
264.50	265.50	1.00	435286	0.300	Silicified	3%	x
265.50	266.50	1.00	435287	0.709	Silicified	2%	x
266.50	267.50	1.00	435288	0.132	Silicified	3%	x
267.50	268.50	1.00	435289	0.143	Silicified	1%	x
268.50	269.50	1.00	435291	0.170	Silicified	2%	x
269.50	270.50	1.00	435292	0.409	Silicified	2%	x
270.50	271.50	1.00	435293	0.034	Silicified	3%	x

271.50	272.50	1.00	435294	0.093	Silicified	3%	x
272.50	273.50	1.00	435295	0.093	Silicified	2%	x
273.50	274.50	1.00	435297	0.600	Silicified	2%	x
274.50	275.50	1.00	435298	0.864	Silicified	3%	x
275.50	276.50	1.00	435299	0.495	Sericitic alteration	3%	x
276.50	277.50	1.00	435300	0.273	Sericitic alteration	3%	x
277.50	278.50	1.00	435301	0.382	Sericitic alteration	3%	x
278.50	279.50	1.00	435302	0.191	Sericitic alteration	7%	x
279.50	280.50	1.00	435303	2.144	Sericitic alteration	3%	x
280.50	281.50	1.00	435304	1.358	Sericitic alteration	20%	x
281.50	282.50	1.00	435305	4.090	Sericitic alteration	20%	x
282.50	283.50	1.00	435306	0.210	Sericitic alteration	2%	x
283.50	284.50	1.00	435307	2.163	Sericitic alteration	3%	x
284.50	285.50	1.00	435308	0.281	Sericitic alteration	1%	x
285.50	286.50	1.00	435309	0.717	Sericitic alteration	3%	x
286.50	287.50	1.00	435311	0.267	Sericitic alteration	3%	x
287.50	288.50	1.00	435313	0.401	Sericitic alteration	3%	x
288.50	289.50	1.00	435314	0.093	Sericitic alteration	3%	x
289.50	290.50	1.00	435315	0.344	Sericitic alteration	3%	x
290.50	291.50	1.00	435316	0.463	Sericitic alteration	2%	x
291.50	292.50	1.00	435317	0.445	Sericitic alteration	1%	x
292.50	293.50	1.00	435318	0.053	Silicified	2%	x
293.50	294.50	1.00	435319	0.046	Silicified	2%	x
294.50	295.50	1.00	435320	0.790	Silicified	3%	x
295.50	296.50	1.00	435321	0.437	Silicified	4%	x
296.50	297.50	1.00	435322	0.250	Silicified	4%	x
297.50	298.50	1.00	435323	0.175	Silicified	2%	x
298.50	299.50	1.00	435325	0.109	Silicified	3%	x
299.50	300.50	1.00	435326	1.374	Silicified	3%	x
300.50	301.50	1.00	435327	0.058	Silicified	4%	x
301.50	302.50	1.00	435328	0.273	Silicified	2%	x
302.50	303.50	1.00	435329	0.018	Silicified	2%	x
303.50	304.50	1.00	435331	0.435	Silicified	2%	x
304.50	305.50	1.00	435332	0.338	Silicified	2%	x
305.50	306.50	1.00	435333	0.371	Sericitic alteration	3%	x
306.50	307.50	1.00	435334	0.239	Silicified	2%	x
307.50	308.50	1.00	435335	0.121	Sericitic alteration	3%	x
308.50	309.50	1.00	435337	0.581	Sericitic alteration	2%	x
309.50	310.50	1.00	435338	0.716	Sericitic alteration	10%	x
310.50	311.50	1.00	435339	1.242	Sericitic alteration	3%	x
311.50	312.50	1.00	435340	0.770	Sericitic alteration	3%	x
312.50	313.50	1.00	435341	0.636	Sericitic alteration	2%	x

313.50	314.50	1.00	435342	1.095	Sericitic alteration	2%	x
314.50	315.50	1.00	435343	0.307	Sericitic alteration	3%	x
315.50	316.50	1.00	435344	0.076	Silicified	2%	x
316.50	318.00	1.50	435345	0.267	Silicified	5%	x
318.00	319.00	1.00	435346	0.274	Silicified	1%	x
319.00	320.00	1.00	435347	0.278	Silicified	1%	x
320.00	321.00	1.00	435349	0.255	Silicified	3%	x
321.00	322.00	1.00	435351	0.222	Silicified	2%	x
322.00	323.00	1.00	435352	0.316	Silicified	2%	x
323.00	324.00	1.00	435353	0.463	Silicified	1%	x
324.00	325.00	1.00	435354	0.168	Silicified	3%	x
325.00	326.00	1.00	435355	1.841	Silicified	1%	x
326.00	327.00	1.00	435356	1.189	Silicified	3%	x
327.00	328.00	1.00	435357	0.396	Silicified	1%	
328.00	329.00	1.00	435358	0.729	Silicified	3%	
329.00	330.00	1.00	435359	0.592	Silicified	2%	
330.00	331.00	1.00	435361	1.546	Silicified	1%	
331.00	332.00	1.00	435362	0.467	Silicified	8%	
332.00	333.00	1.00	435363	0.205	Silicified	3%	
333.00	334.00	1.00	435364	0.137	Silicified	5%	
334.00	335.00	1.00	435365	0.482	Sericitic alteration	3%	starting to develop in-situ bx txtr
335.00	335.95	0.95	435366	0.103	Sericitic alteration	3%	in-situ style frag supported breccia, gry-grn, non-magnetic

From	To	Lithologic Group					
335.95	338.85	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
335.95	337.00	1.05	435367	0.770	Sericitic alteration	3%	
337.00	338.05	1.05	435368	1.848	Sericitic alteration	2%	
338.05	338.85	0.80	435369	0.194	Sericitic alteration	6%	

From	To	Lithologic Group					
338.85	372.70	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
338.85	340.00	1.15	435371	0.582	Sericitic alteration	2%	Tonalite, gry, mg, massive, non-magnetic
340.00	341.00	1.00	435373	0.138	Silicified	4%	
341.00	342.00	1.00	435374	1.638	Silicified	2%	
342.00	343.00	1.00	435375	0.435	Sericitic alteration	5%	
343.00	344.00	1.00	435376	0.236	Sericitic alteration	1%	
344.00	345.00	1.00	435377	2.398	Sericitic alteration	1%	
345.00	346.00	1.00	435378	0.184	Sericitic alteration	1%	
346.00	347.00	1.00	435379	0.303	Sericitic alteration	5%	
347.00	348.00	1.00	435380	0.266	Sericitic alteration	1%	
348.00	349.00	1.00	435381	1.483	Sericitic alteration	2%	

349.00	350.00	1.00	435382	2.000	Sericitic alteration	4%	
350.00	351.00	1.00	435383	0.516	Sericitic alteration	3%	
351.00	352.00	1.00	435385	0.238	Sericitic alteration	2%	
352.00	353.00	1.00	435386	0.951	Sericitic alteration	2%	
353.00	354.00	1.00	435387	0.320	Sericitic alteration	1%	
354.00	355.00	1.00	435388	0.496	Sericitic alteration	1%	
355.00	356.00	1.00	435389	0.273	Sericitic alteration	1%	
356.00	357.00	1.00	435391	0.452	Sericitic alteration	2%	
357.00	358.20	1.20	435392	0.701	Sericitic alteration	2%	
358.20	359.02	0.82	435393	1.805	Chloritic alteration	15%	irreg qtz-chl-cb vn surrounded by chl-bi
359.02	360.00	0.98	435394	0.307	Sericitic alteration	4%	
360.00	361.00	1.00	435395	0.556	Sericitic alteration	3%	
361.00	362.00	1.00	435397	0.510	Silicified	5%	
362.00	363.00	1.00	435398	0.399	Sericitic alteration	1%	
363.00	364.00	1.00	435399	0.716	Sericitic alteration	2%	
364.00	365.00	1.00	435400	0.735	Sericitic alteration	3%	
365.00	366.00	1.00	435401	0.433	Sericitic alteration	5%	
366.00	367.02	1.02	435402	0.226	Sericitic alteration	7%	
367.02	368.00	0.98	435403	1.091	Sericitic alteration	6%	
368.00	369.00	1.00	435404	0.776	Sericitic alteration	8%	
369.00	370.00	1.00	435405	0.423	Sericitic alteration	3%	
370.00	371.60	1.60	435406	0.305	Sericitic alteration	6%	
371.60	372.70	1.10	435407	0.155	Biotitic alteration	60%	irreg qtz-cb-chl vein; alt % cummulative to wallrock %

From	To	Lithologic Group					
372.70	373.80	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
372.70	373.80	1.10	435408	0.018	Biotitic alteration	5%	drk gry-reddish black, fg, wkly foliated, non-magneitc

From	To	Lithologic Group					
373.80	384.50	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
373.80	375.00	1.20	435409	2.010	Silicified	4%	tonalite, gry, mg, non-magnetic, massive
375.00	376.00	1.00	435411	0.345	Silicified	2%	
376.00	377.00	1.00	435413	0.013	Silicified	1%	
377.00	378.00	1.00	435414	0.108	Silicified	1%	
378.00	379.00	1.00	435415	0.639	Sericitic alteration	4%	
379.00	380.00	1.00	435416	1.404	Sericitic alteration	2%	
380.00	381.00	1.00	435417	1.389	Sericitic alteration	4%	
381.00	382.00	1.00	435418	0.381	Sericitic alteration	6%	10cm shear vein
382.00	382.90	0.90	435419	0.381	Sericitic alteration	4%	

382.90	384.50	1.60	435420	0.321	Sericitic alteration	7%	40cm chl altd mfc dyke
From	To		Lithologic Group				
384.50	386.15		Lamprophyre Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
384.50	386.15	1.65	435421	0.054	Chloritic alteration	2%	
From	To		Lithologic Group				
386.15	398.35		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
386.15	387.50	1.35	435422	0.357	Sericitic alteration	1%	
387.50	388.50	1.00	435423	0.682	Chloritic alteration	1%	
388.50	389.50	1.00	435425	0.660	Chloritic alteration	2%	
389.50	390.50	1.00	435426	0.167	Sericitic alteration	1%	
390.50	391.50	1.00	435427	0.769	Sericitic alteration	2%	
391.50	392.50	1.00	435428	0.411	Sericitic alteration	3%	
392.50	393.50	1.00	435429	0.992	Sericitic alteration	4%	
393.50	394.50	1.00	435431	0.746	Sericitic alteration	10%	
394.50	395.50	1.00	435432	0.459	Sericitic alteration	2%	
395.50	396.50	1.00	435433	0.355	Sericitic alteration	1%	
396.50	397.50	1.00	435434	0.949	Sericitic alteration	1%	
397.50	398.35	0.85	435435	4.520	Sericitic alteration	4%	
From	To		Lithologic Group				
398.35	403.00		Lamprophyre Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
398.35	399.50	1.15	435437	0.017	Chloritic alteration	1%	lamp, drk gry-black, non magnetic, wk foliated, f-mg, chilled margins
399.50	400.50	1.00	435438	0.005	Carbonate Altered	0%	
400.50	401.50	1.00	435439	0.005	Carbonate Altered	0%	
401.50	403.00	1.50	435440	0.071	Carbonate Altered	8%	
From	To		Lithologic Group				
403.00	424.50		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
403.00	404.00	1.00	435441	0.328	Silicified	1%	ton, mg, non-mag, massive, gry
404.00	405.00	1.00	435442	0.256	Sericitic alteration	2%	
405.00	406.00	1.00	435443	5.870	Sericitic alteration	4%	
406.00	407.00	1.00	435444	0.990	Sericitic alteration	1%	
407.00	408.00	1.00	435445	0.198	Sericitic alteration	1%	
408.00	409.00	1.00	435446	0.668	Sericitic alteration	2%	
409.00	410.00	1.00	435447	1.989	Sericitic alteration	2%	
410.00	411.00	1.00	435449	2.172	Sericitic alteration	7%	
411.00	412.00	1.00	435451	1.671	Sericitic alteration	2%	
412.00	413.00	1.00	435452	0.709	Sericitic alteration	1%	

413.00	414.00	1.00	435453	0.398	Sericitic alteration	2%
414.00	415.00	1.00	435454	0.341	Sericitic alteration	1%
415.00	416.00	1.00	435455	0.843	Sericitic alteration	2%
416.00	417.00	1.00	435456	0.315	Sericitic alteration	1%
417.00	418.00	1.00	435457	0.182	Sericitic alteration	1%
418.00	419.00	1.00	435458	0.169	Sericitic alteration	1%
419.00	420.00	1.00	435459	0.968	Sericitic alteration	2%
420.00	421.60	1.60	435461	0.745	Silicified	2%
421.60	422.56	0.96	435462	1.983	Sericitic alteration	7%
422.56	423.50	0.94	435463	0.654	Sericitic alteration	2%
423.50	424.50	1.00	435464	1.079	Sericitic alteration	2%

DRILL HOLE REPORT

Drill Hole **GOS21-72** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 315.0
 Dip -60.0
 Length 423.0 m
 Started 01-Apr-21
 Completed 12-Apr-21
 Logged 17-Apr-21
 Logged by Justin Bisailon

Company
 Contractor Chenier Drilling Ltd
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing NONE
 Condition Cemented

Survey Details:

Claim Number PAT-11117
 Property 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool GPS

Coordinates:

Easting 430727.81
 Northing 5267467.59
 Elevation 386.91

UTM Datum NAD83
 UTM Zone 17

Target

Comments Downhole survey recorded from 9 - 429. Impossible. Hole ends at 423 m. Final depth changed to 423 CB

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
0.0	314.74	-60.01	54626			30.0	314.90	-59.92	54344		
3.0	315.03	-59.45	54248			33.0	314.13	-59.94	54760		
6.0	314.10	-59.96	54876			42.0	313.19	-59.93	54317		
9.0	313.91	-59.95	54744			45.0	313.80	-59.89	54891		
12.0	312.84	-59.99	54553			48.0	313.16	-59.93	55031		
15.0	313.78	-59.97	54366			51.0	313.40	-59.91	54986		
18.0	314.56	-59.97	54347			60.0	312.62	-59.89	54906		
21.0	315.76	-59.94	54956			63.0	312.30	-59.90	54557		
24.0	315.15	-59.97	55085			66.0	313.82	-59.92	54792		
27.0	314.95	-59.96	55113			69.0	314.96	-59.88	55062		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
78.0	313.90	-59.87	55321		
81.0	313.28	-59.90	54610		
84.0	313.29	-59.90	54871		
87.0	314.73	-59.88	55084		
90.0	313.32	-59.89	54876		
93.0	312.92	-59.92	54960		
96.0	311.72	-59.86	54823		
99.0	312.50	-59.88	54864		
102.0	313.27	-59.88	54828		
105.0	313.79	-59.87	54715		
108.0	314.44	-59.89	54738		
111.0	313.69	-59.91	54898		
114.0	313.38	-59.88	54532		
117.0	315.75	-59.90	55511		
120.0	313.53	-59.98	54776		
129.0	316.57	-59.89	54735		
132.0	318.18	-59.86	54737		
135.0	318.89	-59.88	55335		
141.0	313.70	-59.85	54712		
144.0	314.68	-59.88	55069		
147.0	313.48	-59.86	54317		
150.0	314.56	-59.86	55570		
153.0	314.09	-59.88	54309		
156.0	316.25	-59.85	55336		
162.0	314.31	-59.87	54653		
165.0	314.68	-59.87	54663		
168.0	314.54	-59.87	54886		
171.0	314.96	-59.87	54613		
174.0	314.13	-59.85	54572		
177.0	313.84	-59.86	54906		
180.0	313.51	-59.86	54589		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
183.0	314.95	-59.94	55180		
186.0	313.99	-59.84	54620		
189.0	313.66	-59.81	54496		
192.0	313.65	-59.88	54211		
195.0	313.61	-59.84	54438		
198.0	313.33	-59.80	54642		
201.0	314.55	-59.85	54690		
204.0	311.88	-59.87	54222		
207.0	313.20	-59.83	54375		
210.0	312.78	-59.84	54373		
213.0	313.87	-59.88	54119		
216.0	314.01	-59.83	54664		
219.0	313.55	-59.80	54770		
222.0	315.99	-59.80	54482		
225.0	315.66	-59.83	54550		
228.0	317.85	-59.82	55699		
234.0	314.03	-59.83	56066		
237.0	312.51	-59.83	54046		
240.0	311.46	-59.85	54597		
243.0	313.74	-59.85	53884		
246.0	314.16	-59.84	54557		
249.0	312.14	-59.86	55350		
252.0	313.67	-59.85	54028		
255.0	313.99	-59.86	54001		
258.0	315.96	-59.88	55221		
267.0	314.10	-59.87	53989		
273.0	318.33	-59.90	55056		
279.0	318.18	-59.92	55441		
285.0	315.95	-59.92	54759		
288.0	315.49	-59.91	54569		
291.0	315.78	-59.88	54288		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
294.0	314.98	-59.93	54295		
297.0	314.33	-59.92	54718		
303.0	317.16	-59.96	54654		
306.0	316.77	-59.96	54601		
309.0	316.62	-59.90	54513		
312.0	317.06	-59.92	54626		
315.0	316.66	-59.90	54620		
318.0	316.70	-59.86	54590		
321.0	316.56	-59.90	54602		
324.0	316.66	-59.85	54598		
327.0	316.69	-59.85	54602		
330.0	316.57	-59.85	54608		
333.0	316.73	-59.83	54581		
336.0	316.68	-59.83	54454		
339.0	316.29	-59.77	54626		
342.0	316.30	-59.78	54572		
345.0	316.45	-59.78	54482		
348.0	316.76	-59.77	54509		
351.0	316.69	-59.71	54528		
354.0	316.73	-59.71	54565		
357.0	316.74	-59.71	54559		
360.0	316.75	-59.72	54586		
363.0	316.76	-59.70	54565		
366.0	316.71	-59.73	54532		
369.0	316.85	-59.70	54558		
372.0	316.92	-59.66	54564		
375.0	316.89	-59.66	54577		
378.0	316.85	-59.67	54582		
381.0	316.97	-59.62	54606		
390.0	317.00	-59.58	54621		
393.0	317.00	-59.58	54640		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
396.0	317.17	-59.53	54638		
399.0	316.94	-59.62	54655		
402.0	316.94	-59.61	54665		
405.0	316.96	-59.63	54716		
408.0	316.55	-59.56	54474		
411.0	316.42	-59.59	54537		
414.0	316.46	-59.64	54475		
420.0	317.10	-59.58	54798		
423.0	317.07	-59.59	54798		

From	To	Lithologic Group					
0.00	6.00	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	6.00	6.00			Unaltered		overburden
From	To	Lithologic Group					
6.00	124.50	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
6.00	7.00	1.00	436704	0.005	Epidote alteration	1%	medium grained, plagioclase phyric, massive, dark greenish grey
7.00	8.00	1.00	436705	0.005	Epidote alteration	1%	
8.00	122.00	114.00			Epidote alteration		Long interval of diabase.
122.00	123.50	1.50	436706	0.024	Epidote alteration	0%	Caitlin logging from here down
123.50	124.50	1.00	436707	0.008	Epidote alteration	5%	
From	To	Lithologic Group					
124.50	131.10	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
124.50	126.00	1.50	436708	0.072	Silicified	5%	light grey, medium grained, equigranular, non magnetic rock
126.00	127.00	1.00	436709	0.016	Silicified	25%	
127.00	128.25	1.25	436711	0.190	Silicified	95%	
128.25	129.00	0.75	436713	0.007	Silicified	5%	
129.00	130.00	1.00	436714	0.007	Silicified	2%	
130.00	131.10	1.10	436715	0.043	Silicified	5%	
From	To	Lithologic Group					
131.10	135.30	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
131.10	132.00	0.90	436716	0.006	Chloritic alteration	2%	dark green, fine to medium grained, massive to weakly foliated. Non magnetic
132.00	133.00	1.00	436717	0.007	Chloritic alteration	1%	
133.00	134.00	1.00	436718	0.005	Chloritic alteration	1%	
134.00	135.30	1.30	436719	0.011	Chloritic alteration	3%	
From	To	Lithologic Group					
135.30	173.80	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
135.30	136.00	0.70	436720	0.009	Silicified	1%	
136.00	137.00	1.00	436721	0.007	Silicified	1%	
137.00	138.00	1.00	436722	0.020	Silicified	2%	

138.00	139.00	1.00	436723	0.051	Silicified	3%
139.00	140.00	1.00	436725	0.012	Silicified	2%
140.00	141.00	1.00	436726	0.045	Silicified	1%
141.00	142.00	1.00	436727	0.046	Silicified	2%
142.00	143.00	1.00	436728	0.019	Silicified	1%
143.00	144.00	1.00	436729	0.129	Silicified	2%
144.00	145.00	1.00	436731	0.170	Silicified	1%
145.00	146.00	1.00	436732	0.234	Sericitic alteration	1%
146.00	147.00	1.00	436733	0.297	Silicified	2%
147.00	148.00	1.00	436734	0.175	Silicified	2%
148.00	149.00	1.00	436735	0.081	Silicified	2%
149.00	150.00	1.00	436737	0.033	Sericitic alteration	2%
150.00	151.00	1.00	436738	0.091	Silicified	2%
151.00	152.00	1.00	436739	0.055	Silicified	1%
152.00	153.00	1.00	436740	0.077	Silicified	1%
153.00	154.00	1.00	436741	0.201	Silicified	1%
154.00	155.00	1.00	436742	0.157	Silicified	2%
155.00	156.00	1.00	436743	0.056	Sericitic alteration	2%
156.00	157.00	1.00	436744	7.810	Sericitic alteration	1%
157.00	158.00	1.00	436745	0.070	Silicified	2%
158.00	159.00	1.00	436746	0.083	Silicified	1%
159.00	160.00	1.00	436747	0.043	Sericitic alteration	2%
160.00	161.00	1.00	436749	0.263	Sericitic alteration	4%
161.00	162.00	1.00	436751	0.449	Sericitic alteration	2%
162.00	163.00	1.00	436752	0.190	Silicified	1%
163.00	164.00	1.00	436753	0.357	Silicified	2%
164.00	165.00	1.00	436754	0.080	Silicified	1%
165.00	166.00	1.00	436755	0.090	Silicified	1%
166.00	167.00	1.00	436756	0.090	Silicified	2%
167.00	168.00	1.00	436757	0.044	Silicified	1%
168.00	169.00	1.00	436758	0.014	Silicified	1%
169.00	170.00	1.00	436759	0.015	Silicified	1%
170.00	171.00	1.00	436761	0.042	Silicified	4%
171.00	172.00	1.00	436762	0.014	Silicified	1%
172.00	172.95	0.95	436763	0.013	Silicified	13%
172.95	173.80	0.85	436764	0.010	Silicified	2%

From	To	Lithologic Group	
173.80	176.80	Mafic Dyke	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
173.80	175.00	1.20	436765	0.009	Chloritic alteration	3%	
175.00	176.00	1.00	436766	0.006	Chloritic alteration	10%	
176.00	176.80	0.80	436767	0.021	Chloritic alteration	2%	

From	To	Lithologic Group					
176.80	191.40	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
176.80	178.00	1.20	436768	0.107	Silicified	1%	
178.00	179.00	1.00	436769	0.081	Sericitic alteration	3%	
179.00	180.00	1.00	436771	0.072	Sericitic alteration	1%	
180.00	181.00	1.00	436773	0.013	Silicified	1%	
181.00	182.00	1.00	436774	0.036	Silicified	1%	
182.00	183.00	1.00	436775	0.081	Silicified	1%	
183.00	184.00	1.00	436776	0.013	Sericitic alteration	1%	
184.00	185.00	1.00	436777	0.059	Sericitic alteration	2%	
185.00	186.00	1.00	436778	0.017	Sericitic alteration	1%	
186.00	187.00	1.00	436779	0.047	Silicified	2%	
187.00	188.00	1.00	436780	0.033	Silicified	1%	
188.00	189.00	1.00	436781	0.041	Silicified	1%	
189.00	190.00	1.00	436782	0.005	Silicified	1%	
190.00	191.40	1.40	436783	0.007	Silicified	1%	
From	To	Lithologic Group					
191.40	194.35	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
191.40	192.90	1.50	436785	0.010	Chloritic alteration	8%	strongly foliated
192.90	194.35	1.45	436786	0.005	Chloritic alteration	15%	strongly foliated
From	To	Lithologic Group					
194.35	285.45	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
194.35	195.00	0.65	436787	0.080	Silicified	1%	
195.00	196.05	1.05	436788	0.027	Sericitic alteration	2%	
196.05	197.00	0.95	436789	0.005	Silicified	14%	
197.00	198.00	1.00	436791	0.015	Silicified	2%	
198.00	199.00	1.00	436792	0.021	Silicified	1%	
199.00	200.00	1.00	436793	0.016	Silicified	1%	
200.00	201.00	1.00	436794	0.044	Silicified	1%	
201.00	202.00	1.00	436795	0.022	Silicified	1%	
202.00	203.00	1.00	436797	0.037	Silicified	1%	
203.00	204.00	1.00	436798	0.005	Silicified	1%	
204.00	205.00	1.00	436799	0.006	Silicified	1%	
205.00	206.00	1.00	436800	0.005	Silicified	1%	
206.00	207.00	1.00	436801	0.301	Silicified	1%	
207.00	208.25	1.25	436802	0.007	Silicified	1%	
208.25	209.05	0.80	436803	0.030	Sericitic alteration	9%	
209.05	210.00	0.95	436804	0.250	Sericitic alteration	4%	
210.00	211.00	1.00	436805	0.179	Sericitic alteration	1%	

211.00	212.00	1.00	436806	0.405	Sericitic alteration	1%	
212.00	213.00	1.00	436807	3.310	Sericitic alteration	1%	
213.00	214.00	1.00	436808	0.458	Sericitic alteration	1%	
214.00	215.00	1.00	436809	0.248	Sericitic alteration	1%	
215.00	216.00	1.00	436811	0.122	Sericitic alteration	1%	
216.00	217.00	1.00	436813	0.006	Sericitic alteration	10%	
217.00	218.00	1.00	436814	0.012	Silicified	1%	
218.00	219.00	1.00	436815	0.082	Silicified	2%	
219.00	220.00	1.00	436816	0.046	Silicified	1%	
220.00	221.00	1.00	436817	0.165	Silicified	3%	
221.00	222.00	1.00	436818	0.290	Sericitic alteration	1%	
222.00	223.00	1.00	436819	0.005	Silicified	1%	
223.00	224.00	1.00	436820	0.053	Sericitic alteration	2%	
224.00	225.00	1.00	436821	0.200	Sericitic alteration	5%	
225.00	226.00	1.00	436822	0.028	Sericitic alteration	1%	
226.00	227.00	1.00	436823	0.192	Sericitic alteration	8%	
227.00	228.00	1.00	436825	0.047	Sericitic alteration	4%	
228.00	229.00	1.00	436826	0.217	Sericitic alteration	1%	
229.00	230.00	1.00	436827	0.191	Sericitic alteration	1%	
230.00	231.00	1.00	436828	1.929	Sericitic alteration	2%	
231.00	232.00	1.00	436829	0.014	Sericitic alteration	2%	
232.00	233.00	1.00	436831	0.013	Sericitic alteration	1%	
233.00	234.00	1.00	436832	0.064	Sericitic alteration	1%	
234.00	235.00	1.00	436833	0.018	Sericitic alteration	1%	
235.00	236.00	1.00	436834	0.032	Sericitic alteration	1%	
236.00	237.00	1.00	436835	0.755	Sericitic alteration	2%	
237.00	238.00	1.00	436837	0.041	Sericitic alteration	2%	
238.00	239.00	1.00	436838	0.168	Sericitic alteration	2%	
239.00	240.00	1.00	436839	0.082	Sericitic alteration	1%	
240.00	241.00	1.00	436840	0.074	Sericitic alteration	1%	
241.00	242.00	1.00	436841	0.033	Sericitic alteration	1%	
242.00	243.00	1.00	436842	0.046	Sericitic alteration	1%	
243.00	244.00	1.00	436843	0.042	Sericitic alteration	1%	
244.00	245.00	1.00	436844	0.036	Sericitic alteration	4%	
245.00	246.00	1.00	436845	0.074	Sericitic alteration	1%	
246.00	247.00	1.00	436846	0.033	Sericitic alteration	1%	
247.00	248.00	1.00	436847	0.041	Sericitic alteration	2%	
248.00	249.00	1.00	436849	0.029	Sericitic alteration	2%	
249.00	250.00	1.00	436851	0.059	Sericitic alteration	2%	
250.00	251.00	1.00	436852	0.067	Sericitic alteration	1%	
251.00	252.00	1.00	436853	0.229	Sericitic alteration	1%	broken core
252.00	253.00	1.00	436854	0.069	Sericitic alteration	2%	

253.00	254.00	1.00	436855	0.144	Sericitic alteration	1%	rubble
254.00	255.00	1.00	436856	0.066	Sericitic alteration	1%	
255.00	256.00	1.00	436857	0.023	Sericitic alteration	2%	broken core
256.00	257.00	1.00	436858	0.024	Sericitic alteration	2%	
257.00	258.00	1.00	436859	0.014	Sericitic alteration	1%	
258.00	259.00	1.00	436861	0.044	Sericitic alteration	1%	
259.00	260.00	1.00	436862	0.632	Sericitic alteration	2%	rubble
260.00	261.00	1.00	436863	0.083	Sericitic alteration	3%	
261.00	262.00	1.00	436864	0.033	Sericitic alteration	1%	
262.00	263.00	1.00	436865	2.023	Sericitic alteration	1%	
263.00	264.00	1.00	436866	0.028	Sericitic alteration	1%	
264.00	265.00	1.00	436867	0.323	Sericitic alteration	2%	
265.00	266.00	1.00	436868	0.297	Sericitic alteration	2%	rubble
266.00	267.00	1.00	436869	0.232	Sericitic alteration	1%	
267.00	268.00	1.00	436871	0.114	Sericitic alteration	0%	
268.00	269.00	1.00	436873	0.611	Sericitic alteration	0%	
269.00	270.00	1.00	436874	1.666	Sericitic alteration	2%	
270.00	271.00	1.00	436875	5.180	Sericitic alteration	1%	
271.00	272.00	1.00	436876	2.181	Sericitic alteration	8%	
272.00	272.90	0.90	436877	0.312	Sericitic alteration	1%	
272.90	274.00	1.10	436878	0.130	Silica–Sodic alteration	0%	glassy but porous
274.00	274.90	0.90	436879	0.081	Silica–Sodic alteration	1%	glassy but porous
274.90	275.85	0.95	436880	0.140	Silicified	0%	glassy but porous
275.85	277.20	1.35	436881	0.258	Silica–Sodic alteration	1%	glassy but porous
277.20	278.10	0.90	436882	0.197	Silicified	0%	glassy but porous
278.10	279.00	0.90	436883	0.057	Sericitic alteration	1%	
279.00	280.00	1.00	436885	0.104	Silicified	3%	
280.00	281.00	1.00	436886	0.071	Sericitic alteration	1%	
281.00	282.00	1.00	436887	0.028	Sericitic alteration	1%	
282.00	283.00	1.00	436888	0.204	Silicified	2%	
283.00	283.67	0.67	436889	0.030	Sericitic alteration	1%	
283.67	284.85	1.18	436891	0.181	Silica–Sodic alteration	0%	glassy but porous
284.85	285.45	0.60	436892	0.121	Silica–Sodic alteration	1%	glassy but porous; 20% rubble

From	To	Lithologic Group	
285.45	286.00	Mafic Dyke	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
285.45	286.00	0.55	436893	0.026	Chloritic alteration	0%	rubble

From	To	Lithologic Group	
286.00	293.00	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
286.00	287.40	1.40	436894	0.086	Silica–Sodic alteration	0%	glassy but porous
287.40	288.20	0.80	436895	0.062	Silicified	4%	

288.20	289.00	0.80	436897	0.033	Chloritic alteration	0%	
289.00	290.00	1.00	436898	0.036	Chloritic alteration	1%	
290.00	291.00	1.00	436899	0.050	Chloritic alteration	1%	
291.00	292.00	1.00	436900	0.053	Chloritic alteration	1%	
292.00	293.00	1.00	436901	0.141	Chloritic alteration	2%	
From	To		Lithologic Group				
293.00	294.25		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
293.00	294.25	1.25	436902	0.069	Chloritic alteration	2%	sheared? Strongly foliated
From	To		Lithologic Group				
294.25	295.50		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
294.25	295.00	0.75	436903	0.026	Silicified	1%	
295.00	295.50	0.50	436904	0.105	Silicified	9%	
From	To		Lithologic Group				
295.50	296.70		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
295.50	296.70	1.20	436905	0.034	Chloritic alteration	1%	may contain some chl altered Ton?
From	To		Lithologic Group				
296.70	298.95		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
296.70	298.00	1.30	436906	0.120	Sericitic alteration	4%	
298.00	298.95	0.95	436907	0.079	Silicified	2%	
From	To		Lithologic Group				
298.95	304.90		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
298.95	300.00	1.05	436908	0.017	Chloritic alteration	0%	
300.00	301.00	1.00	436909	0.011	Chloritic alteration	0%	
301.00	302.00	1.00	436911	0.019	Chloritic alteration	1%	
302.00	303.00	1.00	436913	0.051	Chloritic alteration	1%	
303.00	304.00	1.00	436914	0.063	Chloritic alteration	0%	
304.00	304.90	0.90	436915	0.034	Chloritic alteration	2%	
From	To		Lithologic Group				
304.90	307.05		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
304.90	306.00	1.10	436916	0.337	Sericitic alteration	0%	20% MafDk
306.00	307.05	1.05	436917	0.116	Silicified	1%	
From	To		Lithologic Group				
307.05	307.80		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
307.05	307.80	0.75	436918	0.012	Chloritic alteration	0%	strongly foliated

From 307.80	To 362.05	Lithologic Group					
		Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
307.80	309.00	1.20	436919	0.320	Silicified	3%	HdBx?? Crackle breccia texture with magnetic sulfide-bearing veinlets
309.00	310.00	1.00	436920	0.145	Sericitic alteration	2%	
310.00	311.00	1.00	436921	0.089	Sericitic alteration	1%	
311.00	312.00	1.00	436922	0.036	Silicified	1%	
312.00	313.00	1.00	436923	0.099	Sericitic alteration	2%	
313.00	314.00	1.00	436925	3.850	Silicified	4%	
314.00	315.00	1.00	436926	0.153	Silicified	2%	
315.00	315.75	0.75	436927	0.050	Sericitic alteration	2%	
315.75	317.00	1.25	436928	0.251	Sericitic alteration	1%	
317.00	318.00	1.00	436929	0.042	Sericitic alteration	1%	
318.00	319.00	1.00	436931	0.037	Sericitic alteration	1%	
319.00	320.00	1.00	436932	0.022	Sericitic alteration	0%	
320.00	321.00	1.00	436933	0.092	Sericitic alteration	2%	
321.00	322.00	1.00	436934	0.074	Sericitic alteration	1%	
322.00	323.00	1.00	436935	0.059	Sericitic alteration	1%	
323.00	324.00	1.00	436937	0.020	Sericitic alteration	1%	
324.00	325.00	1.00	436938	0.019	Sericitic alteration	2%	
325.00	326.00	1.00	436939	0.038	Sericitic alteration	0%	
326.00	327.00	1.00	436940	0.170	Sericitic alteration	2%	
327.00	328.00	1.00	436941	0.009	Sericitic alteration	3%	
328.00	329.00	1.00	436942	0.211	Sericitic alteration	1%	
329.00	330.00	1.00	436943	0.205	Sericitic alteration	1%	
330.00	331.00	1.00	436944	0.230	Sericitic alteration	0%	
331.00	332.00	1.00	436945	0.199	Sericitic alteration	1%	
332.00	333.00	1.00	436946	0.209	Sericitic alteration	0%	
333.00	334.00	1.00	436947	0.207	Sericitic alteration	1%	
334.00	335.00	1.00	436949	0.209	Sericitic alteration	2%	
335.00	336.00	1.00	436951	0.028	Sericitic alteration	1%	
336.00	337.00	1.00	436952	0.067	Sericitic alteration	0%	
337.00	338.00	1.00	436953	0.168	Sericitic alteration	1%	
338.00	339.00	1.00	436954	0.074	Sericitic alteration	1%	
339.00	340.00	1.00	436955	0.243	Sericitic alteration	1%	
340.00	341.00	1.00	436956	0.518	Sericitic alteration	2%	
341.00	342.00	1.00	436957	0.596	Sericitic alteration	1%	
342.00	343.00	1.00	436958	5.660	Sericitic alteration	3%	
343.00	344.00	1.00	436959	0.361	Sericitic alteration	1%	
344.00	345.00	1.00	436961	0.140	Sericitic alteration	2%	
345.00	346.00	1.00	436962	0.153	Sericitic alteration	1%	

346.00	347.00	1.00	436963	0.098	Sericitic alteration	1%
347.00	348.00	1.00	436964	0.083	Sericitic alteration	2%
348.00	349.00	1.00	436965	0.098	Sericitic alteration	2%
349.00	350.00	1.00	436966	0.570	Sericitic alteration	1%
350.00	351.00	1.00	436967	3.250	Sericitic alteration	1%
351.00	352.00	1.00	436968	0.066	Sericitic alteration	1%
352.00	353.00	1.00	436969	0.179	Sericitic alteration	1%
353.00	354.00	1.00	436971	0.057	Sericitic alteration	1%
354.00	355.00	1.00	436973	0.046	Sericitic alteration	2%
355.00	356.00	1.00	436974	0.181	Sericitic alteration	2%
356.00	357.00	1.00	436975	0.064	Sericitic alteration	1%
357.00	358.00	1.00	436976	0.082	Sericitic alteration	1%
358.00	359.00	1.00	436977	0.148	Sericitic alteration	2%
359.00	359.65	0.65	436978	0.011	Sericitic alteration	1%
359.65	361.00	1.35	436979	0.152	Silicified	1%
361.00	362.05	1.05	436980	0.318	Silicified	2%

From	To	Lithologic Group				
362.05	363.20	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
362.05	363.20	1.15	436981	0.005	Chloritic alteration	1%	

From	To	Lithologic Group				
363.20	364.55	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
363.20	364.55	1.35	436982	0.043	Silicified	3%	30% MafDk

From	To	Lithologic Group				
364.55	396.20	Diabase				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
364.55	365.95	1.40	436983	0.005	Unaltered	0%	
365.95	367.40	1.45	436985	0.010	Unaltered	0%	10% Ton (1 fragment)
367.40	393.50	26.10			Unaltered		
393.50	395.00	1.50	436986	0.009	Unaltered	0%	
395.00	396.20	1.20	436987	0.005	Unaltered	0%	

From	To	Lithologic Group				
396.20	419.20	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
396.20	397.00	0.80	436988	0.082	Silicified	1%	
397.00	398.00	1.00	436989	0.210	Silicified	1%	
398.00	399.00	1.00	436991	0.167	Sericitic alteration	1%	
399.00	400.00	1.00	436992	0.232	Sericitic alteration	1%	
400.00	401.00	1.00	436993	0.528	Sericitic alteration	2%	
401.00	401.85	0.85	436994	0.458	Sericitic alteration	3%	
401.85	403.00	1.15	436995	0.367	Sericitic alteration	9%	

403.00	403.65	0.65	436997	1.310	Sericitic alteration	1%
403.65	405.00	1.35	436998	0.205	Sericitic alteration	4%
405.00	406.00	1.00	436999	0.824	Sericitic alteration	1%
406.00	407.00	1.00	437000	0.921	Sericitic alteration	1%
407.00	408.00	1.00	437001	0.060	Sericitic alteration	1%
408.00	409.00	1.00	437002	0.085	Sericitic alteration	1%
409.00	410.00	1.00	437003	0.069	Sericitic alteration	1%
410.00	411.00	1.00	437004	0.033	Sericitic alteration	2%
411.00	412.00	1.00	437005	0.049	Sericitic alteration	1%
412.00	413.00	1.00	437006	0.115	Sericitic alteration	1%
413.00	414.00	1.00	437007	0.106	Sericitic alteration	2%
414.00	415.00	1.00	437008	0.069	Sericitic alteration	1%
415.00	416.00	1.00	437009	0.117	Sericitic alteration	1%
416.00	417.00	1.00	437011	0.183	Sericitic alteration	8%
417.00	418.00	1.00	437013	0.080	Sericitic alteration	3%
418.00	419.20	1.20	437014	3.450	Silicified	9%

From	To	Lithologic Group				
419.20	419.70	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
419.20	419.70	0.50	437015	0.030	Chloritic alteration	5%	

From	To	Lithologic Group				
419.70	423.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
419.70	421.00	1.30	437016	0.115	Sericitic alteration	1%	
421.00	422.00	1.00	437017	0.131	Sericitic alteration	1%	
422.00	423.00	1.00	437018	0.402	Sericitic alteration	2%	EOH

DRILL HOLE REPORT

Drill Hole **GOS21-73** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -60.0
 Length 349.5 m
 Started 04-Apr-21
 Completed 12-Apr-21
 Logged 26-Apr-21
 Logged by Brian Tomczuk

Company
 Contractor Chenier Drilling Services
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing NONE
 Condition Cemented

Survey Details:

Claim Number PAT-11117
 Property Chester 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool DGPS

Coordinates:

Easting 430771.59
 Northing 5267472.62
 Elevation 388.81

UTM Datum NAD83
 UTM Zone 17

Target
 Comments Tulloch still needs to survey the hole as of April 26.2021

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
9.0	325.59	-60.78		RM	Good	39.0	327.42	-60.80		RM	Good
12.0	325.59	-60.79		RM	Good	42.0	327.11	-60.82		RM	Good
15.0	324.98	-60.80		RM	Good	45.0	327.24	-60.74		RM	Good
18.0	327.10	-60.71		RM	Good	48.0	327.06	-60.62		RM	Good
21.0	327.22	-60.65		RM	Good	51.0	327.50	-60.55		RM	Good
24.0	327.08	-60.69		RM	Good	54.0	327.76	-60.61		RM	Good
27.0	327.32	-60.61		RM	Good	57.0	327.97	-60.65		RM	Good
30.0	327.58	-60.60		RM	Good	60.0	327.29	-60.65		RM	Good
33.0	327.64	-60.61		RM	Good	63.0	327.50	-60.67		RM	Good
36.0	327.81	-60.60		RM	Good	66.0	327.66	-60.66		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
69.0	327.79	-60.66		RM	Good
72.0	327.82	-60.62		RM	Good
75.0	327.93	-60.59		RM	Good
78.0	328.11	-60.55		RM	Good
81.0	328.07	-60.54		RM	Good
84.0	328.16	-60.57		RM	Good
87.0	328.18	-60.54		RM	Good
90.0	328.35	-60.52		RM	Good
93.0	328.46	-60.57		RM	Good
96.0	328.63	-60.61		RM	Good
99.0	328.74	-60.65		RM	Good
102.0	329.11	-60.50		RM	Good
105.0	329.13	-60.66		RM	Good
108.0	329.37	-60.66		RM	Good
111.0	329.43	-60.56		RM	Good
114.0	329.75	-60.62		RM	Good
117.0	328.81	-60.49		RM	Good
120.0	330.07	-60.30		RM	Good
123.0	329.22	-60.28		RM	Good
126.0	329.83	-60.21		RM	Good
129.0	329.61	-60.13		RM	Good
132.0	330.19	-60.08		RM	Good
135.0	330.41	-60.07		RM	Good
138.0	330.72	-60.08		RM	Good
141.0	329.42	-59.98		RM	Good
144.0	330.41	-59.94		RM	Good
147.0	331.17	-59.89		RM	Good
150.0	331.36	-59.93		RM	Good
153.0	331.54	-59.93		RM	Good
159.0	331.84	-60.02		RM	Good
162.0	331.46	-60.03		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
165.0	331.63	-60.08		RM	Good
168.0	331.91	-60.08		RM	Good
171.0	331.85	-60.15		RM	Good
174.0	331.96	-60.15		RM	Good
177.0	332.10	-60.17		RM	Good
180.0	332.30	-60.15		RM	Good
183.0	332.63	-60.15		RM	Good
186.0	332.45	-60.09		RM	Good
189.0	332.79	-60.11		RM	Good
192.0	332.26	-60.01		RM	Good
195.0	330.55	-59.90		RM	Good
198.0	333.09	-59.83		RM	Good
201.0	331.71	-59.74		RM	Good
204.0	330.63	-59.68		RM	Good
207.0	329.51	-59.69		RM	Good
210.0	331.64	-59.74		RM	Good
213.0	332.11	-59.70		RM	Good
216.0	332.05	-59.72		RM	Good
219.0	332.36	-59.74		RM	Good
222.0	332.36	-59.72		RM	Good
225.0	331.08	-59.71		RM	Good
228.0	330.96	-59.80		RM	Good
231.0	330.05	-59.75		RM	Good
234.0	331.00	-59.78		RM	Good
237.0	331.99	-59.78		RM	Good
240.0	331.56	-59.78		RM	Good
243.0	333.35	-59.76		RM	Good
246.0	332.99	-59.77		RM	Good
249.0	332.72	-59.75		RM	Good
252.0	331.68	-59.71		RM	Good
255.0	333.58	-59.72		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
258.0	333.79	-59.69		RM	Good
261.0	333.51	-59.69		RM	Good
264.0	332.95	-59.62		RM	Good
267.0	333.89	-59.56		RM	Good
270.0	332.15	-59.54		RM	Good
273.0	333.58	-59.51		RM	Good
276.0	333.43	-59.50		RM	Good
279.0	333.85	-59.49		RM	Good
282.0	333.97	-59.47		RM	Good
285.0	334.02	-59.47		RM	Good
288.0	334.58	-59.40		RM	Good
291.0	333.88	-59.42		RM	Good
294.0	334.98	-59.40		RM	Good
297.0	335.06	-59.40		RM	Good
300.0	334.76	-59.37		RM	Good
303.0	334.13	-59.34		RM	Good
306.0	334.61	-59.33		RM	Good
309.0	334.86	-59.35		RM	Good
312.0	335.17	-59.34		RM	Good
315.0	335.06	-59.33		RM	Good
318.0	333.49	-59.31		RM	Good
346.5	335.20	-59.32		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
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From	To	Lithologic Group					
0.00	1.30	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	1.30	1.30			Unaltered		
From	To	Lithologic Group					
1.30	3.85	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
1.30	2.00	0.70	435465	0.439	Chloritic alteration	2%	cg, grn, mass, non-magnetic; texturally Chester qdr
2.00	3.00	1.00	435466	0.137	Chloritic alteration	3%	
3.00	3.85	0.85	435467	0.137	Chloritic alteration	0%	
From	To	Lithologic Group					
3.85	7.70	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
3.85	5.00	1.15	435468	0.121	Sericitic alteration	4%	light gry, mg, massive, non-magnetic
5.00	6.00	1.00	435469	0.038	Sericitic alteration	1%	
6.00	7.00	1.00	435471	0.017	Silicified	1%	
7.00	7.70	0.70	435473	0.144	Silicified	2%	25cm qdr frag
From	To	Lithologic Group					
7.70	10.30	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
7.70	9.00	1.30	435474	2.035	Biotitic alteration	3%	qdr, drk grn-gry, mass, m-cg
9.00	10.30	1.30	435475	0.173	Biotitic alteration	1%	
From	To	Lithologic Group					
10.30	27.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
10.30	11.00	0.70	435476	0.019	Silicified	1%	
11.00	12.00	1.00	435477	0.021	Silicified	1%	
12.00	13.00	1.00	435478	0.055	Silicified	0%	
13.00	14.00	1.00	435479	0.077	Silicified	3%	
14.00	15.00	1.00	435480	0.071	Silicified	1%	
15.00	16.00	1.00	435481	0.035	Sericitic alteration	1%	
16.00	17.00	1.00	435482	0.039	Silicified	0%	
17.00	18.00	1.00	435483	0.047	Sericitic alteration	1%	
18.00	19.00	1.00	435485	0.100	Silicified	2%	
19.00	20.00	1.00	435486	0.012	Silicified	1%	
20.00	21.00	1.00	435487	0.016	Silicified	1%	
21.00	22.00	1.00	435488	0.031	Silicified	1%	

22.00	23.00	1.00	435489	0.041	Silicified	1%	
23.00	24.00	1.00	435491	0.303	Silicified	3%	
24.00	25.00	1.00	435492	0.024	Sericitic alteration	1%	
25.00	26.00	1.00	435493	0.095	Silicified	0%	
26.00	27.00	1.00	435494	0.028	Silicified	1%	
From	To	Lithologic Group					
27.00	35.40	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
27.00	28.00	1.00	435495	0.064	Silicified	3%	ton bx w mfc dr-qdt frags mm-cm scale angular to sub-rounded, ep altd dh, gr-light green
28.00	29.00	1.00	435497	0.028	Biotitic alteration	3%	
29.00	30.00	1.00	435498	0.449	Silicified	1%	
30.00	31.00	1.00	435499	0.006	Silicified	1%	
31.00	32.00	1.00	435500	0.015	Silicified	0%	
32.00	33.00	1.00	431159	0.017	Silicified	1%	
33.00	34.00	1.00	431161	0.065	Epidote alteration	2%	
34.00	35.40	1.40	431162	0.015	Epidote alteration	1%	
From	To	Lithologic Group					
35.40	39.78	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
35.40	36.50	1.10	431163	0.012	Carbonate Altered	1%	lamp, drk gry-black, vwkw foliated, fg, non-mag
36.50	37.50	1.00	431164	0.011	Carbonate Altered	3%	
37.50	38.90	1.40	431165	0.012	Carbonate Altered	1%	
38.90	39.78	0.88	431166	0.018	Carbonate Altered	2%	
From	To	Lithologic Group					
39.78	40.60	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
39.78	40.60	0.82	431167	0.006	Epidote alteration	20%	ton bx w mfc dr-qdt frags mm-cm scale angular to sub-rounded, ep altd, gr-light green
From	To	Lithologic Group					
40.60	47.75	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
40.60	41.50	0.90	431168	0.069	Sericitic alteration	1%	ton, mg, gry, massive, non-magnetic
41.50	42.50	1.00	431169	0.045	Sericitic alteration	1%	
42.50	43.50	1.00	431171	0.079	Sericitic alteration	2%	
43.50	44.50	1.00	431173	0.024	Silicified	5%	
44.50	45.50	1.00	431174	0.005	Silicified	30%	
45.50	46.50	1.00	431175	0.048	Silicified	2%	
46.50	47.75	1.25	431176	0.019	Silicified	2%	

From	To	Lithologic Group					
47.75	49.06	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
47.75	49.06	1.31	431177	0.018	Biotitic alteration	5%	drk gry, appear porph but could be altn, fg-cg, massive to foliated, non-magnetic
From	To	Lithologic Group					
49.06	50.35	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
49.06	50.35	1.29	431178	0.030	Silicified	5%	ton, light grey, mg, massive, non-magnetic
From	To	Lithologic Group					
50.35	51.95	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
50.35	51.95	1.60	431179	0.005	Biotitic alteration	1%	drk gry-black, fg, foliated, non mag
From	To	Lithologic Group					
51.95	53.85	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
51.95	53.00	1.05	431180	0.007	Silicified	6%	ton, light grey, mg, massive, non-magnetic
53.00	53.85	0.85	431181	0.011	Silicified	6%	
From	To	Lithologic Group					
53.85	71.00	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
53.85	54.95	1.10	431182	20.500	Chloritic alteration	40%	dr, gry-grn, m-cg, faulted in areas, sel wk mag;
54.95	56.00	1.05	431183	4.830	Chloritic alteration	30%	faulted/fractured/rubbly
56.00	57.00	1.00	431185	0.197	Chloritic alteration	1%	faulted/fractured/rubbly
57.00	58.00	1.00	431186	0.871	Chloritic alteration	1%	faulted/fractured/rubbly
58.00	59.00	1.00	431187	0.008	Chloritic alteration	1%	faulted/fractured/rubbly
59.00	60.00	1.00	431188	0.177	Chloritic alteration	1%	faulted/fractured/rubbly
60.00	61.00	1.00	431189	0.005	Chloritic alteration	0%	faulted/fractured/rubbly
61.00	62.00	1.00	431191	0.005	Chloritic alteration	0%	faulted/fractured/rubbly
62.00	63.00	1.00	431192	0.006	Chloritic alteration	1%	faulted/fractured/rubbly
63.00	64.00	1.00	431193	0.005	Chloritic alteration	3%	
64.00	65.00	1.00	431194	0.009	Chloritic alteration	2%	
65.00	66.00	1.00	431195	0.018	Chloritic alteration	1%	
66.00	67.00	1.00	431197	0.021	Chloritic alteration	1%	
67.00	68.00	1.00	431198	0.502	Chloritic alteration	1%	
68.00	69.00	1.00	431199	0.576	Chloritic alteration	0%	
69.00	70.00	1.00	431200	1.702	Chloritic alteration	3%	
70.00	71.00	1.00	431201	0.701	Chloritic alteration	1%	

From	To	Lithologic Group					
71.00	76.60	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
71.00	72.00	1.00	431202	0.877	Chloritic alteration	1%	qdr, grn-gry-pink, m-cg w 'qtz eyes', massive, non-mag, grad contact with diorite and shrp dh w ton bx
72.00	73.00	1.00	431203	0.545	Chloritic alteration	3%	
73.00	74.00	1.00	431204	0.128	Chloritic alteration	1%	
74.00	75.00	1.00	431205	0.260	Chloritic alteration	0%	
75.00	76.60	1.60	431206	0.464	Chloritic alteration	2%	
From	To	Lithologic Group					
76.60	78.20	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
76.60	78.20	1.60	431207	0.535	Chloritic alteration	6%	drk gry grn, fg, wk fol, non-magnetic
From	To	Lithologic Group					
78.20	80.38	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
78.20	79.00	0.80	431208	0.651	Chloritic alteration	1%	qdr, drk gry-green-pink, qtz decreasing towards dh contact, non-magnetic, massive
79.00	80.38	1.38	431209	0.968	Chloritic alteration	1%	tonbx, light gry w mm-cm scale angular to sub-rounded mfc frgs, non-magnetic, massive, shows nice settling features at up hole contact w qdr
From	To	Lithologic Group					
80.38	82.55	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
80.38	81.50	1.12	431211	0.224	Chloritic alteration	1%	
81.50	82.55	1.05	431213	0.057	Chloritic alteration	0%	
From	To	Lithologic Group					
82.55	92.95	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
82.55	84.00	1.45	431214	0.171	Silicified	1%	ton, light gry, mg, massive, non-mag
84.00	85.00	1.00	431215	0.043	Silicified	0%	
85.00	86.00	1.00	431216	0.097	Silicified	1%	
86.00	87.00	1.00	431217	0.193	Silicified	1%	
87.00	88.00	1.00	431218	0.102	Silicified	3%	
88.00	89.00	1.00	431219	0.263	Silicified	2%	
89.00	90.00	1.00	431220	0.143	Silicified	2%	
90.00	91.00	1.00	431221	0.128	Silicified	3%	
91.00	92.00	1.00	431222	0.058	Silicified	2%	

92.00	92.95	0.95	431223	0.019	Silicified	3%	
From	To	Lithologic Group					
92.95	113.68	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
92.95	94.50	1.55	431225	0.023	Carbonate Altered	1%	mafic dike (altd late diorite?), bi-chl-cb, dry grn-gry-black, fg, w-mod foliated, rubbly in some spots, non-magnetic
94.50	96.00	1.50	431226	0.016	Carbonate Altered	1%	
96.00	97.55	1.55	431227	0.015	Carbonate Altered	1%	
97.55	99.00	1.45	431228	0.018	Carbonate Altered	2%	
99.00	100.50	1.50	431229	0.007	Carbonate Altered	2%	
100.50	102.00	1.50	431231	0.009	Carbonate Altered	2%	
102.00	103.50	1.50	431232	0.026	Carbonate Altered	1%	
103.50	105.00	1.50	431233	0.009	Carbonate Altered	1%	ton fragment
105.00	106.50	1.50	431234	0.005	Carbonate Altered	1%	
106.50	108.00	1.50	431235	0.009	Carbonate Altered	7%	faulted/fractured/rubbly
108.00	109.50	1.50	431237	0.006	Carbonate Altered	2%	faulted/fractured/rubbly
109.50	111.00	1.50	431238	0.011	Carbonate Altered	2%	faulted/fractured/rubbly
111.00	112.50	1.50	431239	0.013	Carbonate Altered	3%	faulted/fractured/rubbly, void
112.50	113.68	1.18	431240	0.037	Carbonate Altered	1%	faulted/fractured/rubbly
From	To	Lithologic Group					
113.68	137.05	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
113.68	115.00	1.32	431241	0.412	Silicified	1%	ton, light gry-pink, mg, massive, non-magnetic
115.00	116.00	1.00	431242	0.188	Silicified	3%	
116.00	117.00	1.00	431243	0.097	Silicified	3%	
117.00	118.00	1.00	431244	0.135	Silicified	2%	
118.00	119.00	1.00	431245	0.275	Silicified	2%	
119.00	120.00	1.00	431246	0.040	Silicified	1%	
120.00	121.00	1.00	431247	0.019	Silicified	1%	
121.00	122.00	1.00	431249	0.037	Silicified	1%	
122.00	123.00	1.00	431251	1.456	Silicified	1%	
123.00	124.00	1.00	431252	0.148	Silicified	1%	
124.00	125.00	1.00	431253	0.022	Silicified	1%	
125.00	126.00	1.00	431254	0.021	Silicified	2%	
126.00	127.00	1.00	431255	0.106	Silicified	1%	
127.00	128.00	1.00	431256	0.015	Silicified	2%	
128.00	129.00	1.00	431257	0.060	Silicified	1%	
129.00	130.00	1.00	431258	0.086	Silicified	1%	
130.00	131.00	1.00	431259	0.005	Silicified	2%	
131.00	132.00	1.00	431261	0.027	Hematitic alteration	1%	

132.00	133.00	1.00	431262	0.087	Hematitic alteration	1%
133.00	134.00	1.00	431263	0.042	Hematitic alteration	1%
134.00	135.00	1.00	431264	0.104	Hematitic alteration	3%
135.00	136.00	1.00	431265	0.032	Hematitic alteration	1%
136.00	137.05	1.05	431266	0.021	Hematitic alteration	1%

From	To	Lithologic Group				
137.05	137.75	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
137.05	137.75	0.70	431267	0.007	Chloritic alteration	4%	drk gry-grn, fg, foliated at contacts, non-magnetic

From	To	Lithologic Group				
137.75	191.40	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
137.75	139.00	1.25	431268	0.094	Hematitic alteration	2%	ton, mg, mass, light gry to pink, non-magnetic
139.00	140.00	1.00	431269	0.049	Sericitic alteration	2%	
140.00	141.00	1.00	431271	0.146	Sericitic alteration	1%	
141.00	142.00	1.00	431273	0.074	Silicified	1%	
142.00	143.00	1.00	431274	1.667	Sericitic alteration	3%	
143.00	144.00	1.00	431275	0.038	Silicified	2%	
144.00	145.00	1.00	431276	0.026	Silicified	2%	
145.00	146.50	1.50	431277	0.181	Silicified	2%	
146.50	148.00	1.50	431278	0.044	Hematitic alteration	1%	
148.00	149.50	1.50	431279	0.118	Hematitic alteration	1%	
149.50	151.00	1.50	431280	0.026	Hematitic alteration	1%	
151.00	152.50	1.50	431281	0.033	Hematitic alteration	2%	
152.50	154.00	1.50	431282	0.043	Hematitic alteration	0%	
154.00	155.50	1.50	431283	0.048	Hematitic alteration	0%	
155.50	157.00	1.50	431285	0.046	Hematitic alteration	1%	
157.00	158.50	1.50	431286	0.005	Hematitic alteration	0%	
158.50	160.00	1.50	431287	0.013	Hematitic alteration	1%	
160.00	161.00	1.00	431288	0.009	Hematitic alteration	0%	
161.00	162.00	1.00	431289	0.062	Hematitic alteration	1%	
162.00	163.00	1.00	431291	0.076	Hematitic alteration	1%	
163.00	164.00	1.00	431292	0.058	Hematitic alteration	1%	
164.00	165.00	1.00	431293	0.157	Silicified	1%	
165.00	166.00	1.00	431294	0.056	Silicified	2%	
166.00	167.00	1.00	431295	0.211	Silicified	1%	
167.00	168.00	1.00	431297	0.151	Silicified	1%	
168.00	169.00	1.00	431298	0.167	Sericitic alteration	1%	
169.00	170.00	1.00	431299	0.144	Sericitic alteration	1%	
170.00	171.00	1.00	431300	0.184	Sericitic alteration	5%	

171.00	172.00	1.00	431301	0.275	Sericitic alteration	4%	minor brecciation
172.00	173.00	1.00	431302	0.032	Sericitic alteration	4%	
173.00	174.00	1.00	431303	0.040	Sericitic alteration	1%	
174.00	175.00	1.00	431304	0.124	Sericitic alteration	2%	
175.00	176.00	1.00	431305	0.089	Silicified	1%	
176.00	177.00	1.00	431306	0.006	Silicified	1%	
177.00	178.00	1.00	431307	0.039	Silicified	5%	
178.00	179.00	1.00	431308	0.197	Silicified	5%	
179.00	180.00	1.00	431309	1.244	Silicified	1%	
180.00	181.00	1.00	431311	0.051	Silicified	1%	
181.00	182.00	1.00	431313	0.019	Silicified	1%	
182.00	183.00	1.00	431314	0.086	Silicified	1%	
183.00	184.00	1.00	431315	0.118	Silicified	5%	
184.00	185.00	1.00	431316	0.038	Silicified	3%	
185.00	186.00	1.00	431317	0.248	Silicified	2%	
186.00	187.00	1.00	431318	0.024	Silicified	1%	
187.00	188.00	1.00	431319	0.082	Silicified	1%	
188.00	189.00	1.00	431320	0.392	Hematitic alteration	1%	
189.00	190.00	1.00	431321	2.786	Hematitic alteration	4%	
190.00	191.40	1.40	431322	1.429	Hematitic alteration	4%	

From	To	Lithologic Group					
191.40	349.50	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
191.40	193.00	1.60	431323	0.005	Unaltered	0%	drk gry-black, fg, mass, magnetic
193.00	349.50	156.50			Unaltered	1%	

DRILL HOLE REPORT

Drill Hole **GOS21-74** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 335.0
 Dip -60.0
 Length 448.5 m
 Started 12-Apr-21
 Completed 22-Apr-21
 Logged 28-Apr-21
 Logged by Justin Bisailon

Company
 Contractor Chenier Drilling Ltd
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing NONE
 Condition Cemented

Survey Details:

Claim Number PAT-11117
 Property 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Multi-shot Survey
 Coord Survey Tool GPS

Coordinates:

Target Easting 430784.18
 Comments UTM Datum NAD83 Northing 5267573.90
 UTM Zone 17 Elevation 384.92

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
10.5	336.02	-59.48	55856			46.5	337.13	-59.58	54658		
13.5	336.35	-59.46	55474			49.5	337.21	-59.58	54655		
16.5	336.30	-59.48	55239			52.5	337.22	-59.59	54647		
19.5	336.42	-59.48	55078			55.5	337.19	-59.60	54635		
22.5	336.60	-59.46	54901			58.5	337.19	-59.57	54632		
25.5	336.71	-59.43	54849			61.5	337.26	-59.59	54626		
34.5	336.98	-59.49	54726			64.5	337.38	-59.61	54620		
37.5	336.83	-59.67	54713			67.5	337.40	-59.59	54615		
40.5	337.06	-59.52	54690			70.5	337.60	-59.54	54618		
43.5	337.04	-59.54	54671			73.5	337.59	-59.59	54604		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
76.5	337.75	-59.53	54607		
79.5	337.76	-59.59	54599		
82.5	337.80	-59.85	54588		
85.5	337.96	-59.64	54590		
88.5	338.05	-59.63	54586		
91.5	338.18	-59.58	54582		
94.5	338.23	-59.67	54580		
97.5	338.29	-59.63	54579		
100.5	338.32	-59.63	54569		
103.5	338.33	-59.62	54567		
106.5	339.48	-59.55	54564		
109.5	337.51	-59.68	54608		
112.5	338.51	-59.70	54521		
115.5	338.49	-59.73	54560		
118.5	338.57	-59.73	54550		
121.5	338.59	-59.72	54551		
124.5	338.62	-59.69	54542		
127.5	338.67	-59.72	54537		
130.5	338.71	-59.67	54543		
133.5	338.79	-59.63	54542		
136.5	338.81	-59.63	54544		
139.5	338.94	-59.68	54534		
142.5	338.99	-59.63	54545		
145.5	339.11	-59.68	54542		
148.5	339.22	-59.67	54548		
151.5	339.26	-59.69	54547		
154.5	339.40	-59.63	54544		
157.5	339.50	-59.60	54542		
160.5	339.49	-60.46	54539		
163.5	339.66	-59.59	54545		
166.5	339.67	-59.61	54538		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
169.5	339.81	-59.58	54549		
172.5	339.84	-59.58	54555		
175.5	339.90	-59.55	54553		
178.5	339.93	-59.54	54558		
181.5	340.04	-59.52	54557		
184.5	341.83	-59.46	54566		
187.5	340.23	-59.45	54568		
190.5	340.25	-59.37	54566		
193.5	340.41	-59.33	54571		
196.5	340.51	-59.26	54589		
199.5	340.59	-59.25	54564		
202.5	340.65	-59.24	54552		
205.5	340.74	-59.24	54579		
208.5	340.72	-59.06	54616		
211.5	340.98	-59.23	54585		
214.5	340.96	-59.20	54537		
217.5	341.11	-59.15	54585		
220.5	341.09	-59.12	54579		
223.5	341.18	-59.13	54587		
226.5	341.25	-59.13	54588		
229.5	341.27	-59.20	54595		
232.5	341.38	-59.09	54596		
235.5	341.42	-59.12	54607		
238.5	341.60	-59.10	54620		
241.5	341.76	-59.05	54614		
244.5	341.76	-59.01	54595		
247.5	341.37	-59.03	54528		
250.5	341.31	-59.02	54495		
253.5	341.40	-59.05	54510		
256.5	341.83	-59.03	54203		
259.5	341.49	-59.09	54004		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
262.5	341.55	-59.07	55117		
265.5	341.94	-59.09	54477		
268.5	341.91	-59.11	54470		
271.5	342.61	-59.14	54373		
274.5	342.37	-59.11	54432		
277.5	342.51	-59.04	54551		
280.5	342.53	-59.02	54559		
283.5	342.65	-59.03	54534		
286.5	342.81	-59.04	54507		
289.5	342.87	-59.01	54522		
292.5	343.01	-58.96	54444		
295.5	343.10	-58.93	54429		
298.5	343.12	-58.96	54491		
301.5	343.07	-58.90	54534		
304.5	343.21	-58.92	54551		
307.5	343.66	-58.91	54424		
310.5	342.56	-58.91	54414		
313.5	343.45	-58.99	54403		
316.5	341.90	-59.01	53974		
319.5	342.56	-58.98	54588		
322.5	342.96	-58.95	54606		
325.5	343.16	-58.93	54622		
328.5	343.69	-58.94	54321		
331.5	343.74	-58.89	54578		
334.5	343.39	-58.94	54669		
337.5	343.23	-58.90	54579		
340.5	343.74	-58.88	54635		
343.5	343.77	-59.04	54663		
346.5	343.82	-59.13	54635		
349.5	344.02	-59.16	54618		
352.5	344.07	-59.21	54619		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
355.5	344.41	-59.19	54516		
358.5	344.48	-59.19	54597		
361.5	343.66	-59.18	54517		
364.5	343.99	-59.13	54610		
367.5	344.40	-59.11	54684		
370.5	343.97	-59.11	54644		
373.5	344.21	-59.11	54640		
376.5	344.19	-59.11	54343		
379.5	343.89	-59.11	54489		
382.5	344.32	-59.06	54683		
385.5	344.40	-59.05	54613		
388.5	344.74	-59.03	54704		
391.5	344.82	-59.04	54713		
394.5	344.86	-59.05	54737		
397.5	345.01	-59.04	54695		
400.5	345.28	-59.04	54744		
403.5	344.95	-59.06	54838		
406.5	345.49	-59.05	54743		
409.5	345.02	-59.00	54663		
412.5	345.15	-58.98	54518		
415.5	344.64	-58.90	54669		
418.5	345.47	-58.90	53576		
421.5	345.74	-58.89	54554		
424.5	343.68	-58.79	54072		
427.5	346.19	-58.84	53790		
430.5	345.28	-58.83	53658		
433.5	343.57	-58.79	54847		
436.5	345.35	-58.78	54692		
439.5	345.66	-58.79	54858		
442.5	345.80	-58.75	54690		
445.5	345.94	-58.78	54437		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
448.5	345.92	-58.75	54637		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
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From	To	Lithologic Group					
0.00	4.42	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	4.42	4.42			Unaltered		
From	To	Lithologic Group					
4.42	99.51	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
4.42	5.00	0.58	437019	0.132	Chloritic alteration	1%	medium grained, massive, light pinkish grey, equigranular
5.00	5.72	0.72	437020	0.139	Sericitic alteration	1%	
5.72	7.04	1.32	437021	0.105	Sericitic alteration	6%	
7.04	8.00	0.96	437022	0.400	Sericitic alteration	5%	
8.00	9.04	1.04	437023	0.689	Sericitic alteration	5%	
9.04	10.00	0.96	437025	0.300	Silicified	7%	
10.00	10.99	0.99	437026	0.145	Sericitic alteration	10%	
10.99	11.99	1.00	437027	0.386	Sericitic alteration	3%	
11.99	13.00	1.01	437028	0.292	Silicified	5%	
13.00	14.07	1.07	437029	0.327	Sericitic alteration	5%	
14.07	15.00	0.93	437031	0.337	Sericitic alteration	3%	
15.00	16.00	1.00	437032	0.191	Sericitic alteration	2%	
16.00	17.00	1.00	437033	0.075	Sericitic alteration	2%	
17.00	18.00	1.00	437034	0.022	Sericitic alteration	1%	
18.00	18.89	0.89	437035	0.058	Chloritic alteration	3%	
18.89	20.00	1.11	437037	0.290	Sericitic alteration	4%	
20.00	21.00	1.00	437038	0.042	Sericitic alteration	3%	
21.00	22.00	1.00	437039	0.049	Silicified	2%	
22.00	23.00	1.00	437040	0.056	Silicified	2%	
23.00	24.00	1.00	437041	0.053	Silicified	1%	
24.00	25.03	1.03	437042	0.077	Silicified	1%	
25.03	26.00	0.97	437043	0.183	Silicified	1%	
26.00	27.00	1.00	437044	1.012	Silicified	1%	
27.00	27.97	0.97	437045	0.226	Sericitic alteration	1%	
27.97	29.00	1.03	437046	0.085	Chloritic alteration	1%	
29.00	30.00	1.00	437047	0.063	Silicified	2%	
30.00	30.97	0.97	437049	0.084	Silicified	2%	
30.97	32.00	1.03	437051	0.039	Silicified	3%	
32.00	33.00	1.00	437052	0.061	Silicified	1%	
33.00	34.00	1.00	437053	0.018	Silicified	1%	
34.00	35.00	1.00	437054	0.005	Silicified	1%	

35.00	36.00	1.00	437055	0.005	Silicified	1%	
36.00	36.70	0.70	437056	0.005	Silicified	2%	
36.70	38.00	1.30	437057	0.005	Chloritic alteration	2%	
38.00	39.00	1.00	437058	0.005	Silicified	1%	
39.00	40.00	1.00	437059	0.006	Silicified	1%	
40.00	41.03	1.03	437061	0.101	Silicified	1%	
41.03	42.00	0.97	437062	0.007	Silicified	1%	
42.00	43.08	1.08	437063	0.005	Silicified	1%	
43.08	44.00	0.92	437064	0.089	Silicified	1%	
44.00	45.00	1.00	437065	0.005	Silicified	1%	
45.00	46.00	1.00	437066	0.041	Silicified	1%	
46.00	47.00	1.00	437067	0.017	Silicified	1%	
47.00	48.00	1.00	437068	0.014	Silicified	1%	few small mafic xenoliths
48.00	49.00	1.00	437069	0.026	Silicified	1%	
49.00	50.02	1.02	437071	0.311	Silicified	4%	
50.02	51.00	0.98	437073	0.038	Silicified	1%	
51.00	52.07	1.07	437074	0.038	Silicified	1%	
52.07	52.57	0.50	437075	0.039	Silicified	1%	
52.57	54.00	1.43	437076	0.021	Silicified	2%	
54.00	55.00	1.00	437077	0.038	Silicified	1%	
55.00	55.95	0.95	437078	0.005	Silicified	2%	
55.95	56.88	0.93	437079	0.005	Silicified	1%	
56.88	57.96	1.08	437080	0.005	Silicified	3%	
57.96	59.00	1.04	437081	0.005	Silicified	1%	
59.00	60.00	1.00	437082	0.008	Silicified	1%	
60.00	61.03	1.03	437083	0.026	Silicified	2%	
61.03	62.04	1.01	437085	0.202	Silicified	3%	
62.04	63.00	0.96	437086	0.037	Silicified	2%	
63.00	64.00	1.00	437087	0.042	Silicified	2%	
64.00	64.52	0.52	437088	0.357	Sericitic alteration	4%	light grey
64.52	65.02	0.50	437089	0.280	Sericitic alteration	20%	
65.02	66.00	0.98	437091	0.054	Sericitic alteration	4%	
66.00	66.55	0.55	437092	0.092	Sericitic alteration	4%	
66.55	67.34	0.79	437093	0.047	Sericitic alteration	3%	
67.34	68.00	0.66	437094	0.017	Sericitic alteration	1%	
68.00	69.00	1.00	437095	0.025	Sericitic alteration	1%	
69.00	70.04	1.04	437097	0.109	Silicified	8%	
70.04	71.00	0.96	437098	0.083	Silicified	4%	
71.00	72.00	1.00	437099	0.044	Silicified	1%	
72.00	73.00	1.00	437100	0.265	Silicified	3%	
73.00	74.08	1.08	437101	0.136	Silicified	2%	
74.08	75.00	0.92	437102	0.018	Silicified	1%	

75.00	76.00	1.00	437103	0.008	Silicified	2%
76.00	77.00	1.00	437104	0.012	Silicified	3%
77.00	78.00	1.00	437105	0.027	Silicified	1%
78.00	79.00	1.00	437106	0.017	Silicified	2%
79.00	79.94	0.94	437107	0.013	Silicified	1%
79.94	80.50	0.56	437108	0.005	Sericitic alteration	3%
80.50	81.16	0.66	437109	0.005	Silicified	3%
81.16	81.87	0.71	437111	0.005	Silicified	2%
81.87	82.97	1.10	437113	0.021	Sericitic alteration	1%
82.97	84.00	1.03	437114	0.048	Silicified	14%
84.00	85.04	1.04	437115	0.202	Silicified	1%
85.04	86.00	0.96	437116	0.226	Silicified	3%
86.00	87.00	1.00	437117	0.086	Silicified	2%
87.00	88.02	1.02	437118	0.123	Silicified	3%
88.02	89.00	0.98	437119	0.350	Silicified	4%
89.00	90.00	1.00	437120	0.083	Silicified	4%
90.00	91.06	1.06	437121	0.349	Silicified	3%
91.06	92.00	0.94	437122	0.064	Silicified	3%
92.00	93.00	1.00	437123	0.007	Silicified	2%
93.00	94.00	1.00	437125	0.034	Silicified	1%
94.00	95.00	1.00	437126	0.111	Silicified	1%
95.00	96.00	1.00	437127	0.078	Sericitic alteration	2%
96.00	97.00	1.00	437128	0.040	Silicified	7%
97.00	98.00	1.00	437129	0.093	Sericitic alteration	2%
98.00	99.00	1.00	437131	0.087	Sericitic alteration	2%
99.00	99.51	0.51	437132	0.026	Silicified	1%

From	To	Lithologic Group				
99.51	101.01	Lamprophyre Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
99.51	100.10	0.59	437133	0.005	Hematitic alteration	2%	medium grained, moderately foliated, dark grey, equigranular.
100.10	101.01	0.91	437134	0.005	Hematitic alteration	3%	

From	To	Lithologic Group				
101.01	251.03	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
101.01	102.00	0.99	437135	0.101	Silicified	8%	20cm of lamp in sample, medium grained, equigranular, massive, light pinkish grey
102.00	103.00	1.00	437137	0.119	Silicified	3%	
103.00	104.02	1.02	437138	0.141	Silicified	1%	
104.02	105.00	0.98	437139	0.218	Sericitic alteration	2%	
105.00	106.00	1.00	437140	0.006	Silicified	1%	
106.00	107.00	1.00	437141	0.027	Sericitic alteration	1%	

107.00	108.00	1.00	437142	0.045	Sericitic alteration	1%
108.00	109.00	1.00	437143	0.011	Silicified	1%
109.00	110.00	1.00	437144	0.103	Silicified	3%
110.00	111.00	1.00	437145	0.432	Silicified	3%
111.00	111.98	0.98	437146	0.313	Silicified	2%
111.98	113.00	1.02	437147	0.198	Silicified	1%
113.00	114.00	1.00	437149	0.155	Silicified	1%
114.00	115.00	1.00	437151	0.026	Sericitic alteration	3%
115.00	116.00	1.00	437152	0.050	Sericitic alteration	2%
116.00	117.00	1.00	437153	0.197	Silicified	1%
117.00	118.00	1.00	437154	0.129	Silicified	1%
118.00	119.00	1.00	437155	0.028	Silicified	2%
119.00	120.00	1.00	437156	0.040	Silicified	1%
120.00	121.00	1.00	437157	0.082	Silicified	2%
121.00	122.00	1.00	437158	0.116	Silicified	1%
122.00	123.00	1.00	437159	0.080	Silicified	2%
123.00	124.00	1.00	437161	0.169	Silicified	1%
124.00	124.95	0.95	437162	0.167	Silicified	2%
124.95	126.00	1.05	437163	0.095	Silicified	3%
126.00	127.00	1.00	437164	0.161	Silicified	2%
127.00	128.00	1.00	437165	0.035	Silicified	1%
128.00	129.00	1.00	437166	0.048	Silicified	2%
129.00	130.00	1.00	437167	0.048	Silicified	1%
130.00	130.98	0.98	437168	0.021	Silicified	1%
130.98	132.00	1.02	437169	0.027	Silicified	1%
132.00	133.00	1.00	437171	0.151	Silicified	2%
133.00	134.00	1.00	437173	0.066	Sericitic alteration	1%
134.00	135.00	1.00	437174	0.045	Silicified	1%
135.00	136.00	1.00	437175	0.073	Silicified	1%
136.00	136.95	0.95	437176	0.071	Silicified	1%
136.95	138.00	1.05	437177	0.061	Silicified	2%
138.00	139.00	1.00	437178	0.479	Silicified	1%
139.00	140.02	1.02	437179	0.149	Sericitic alteration	6%
140.02	141.00	0.98	437180	0.022	Sericitic alteration	1%
141.00	142.00	1.00	437181	0.019	Sericitic alteration	1%
142.00	143.00	1.00	437182	0.117	Silicified	2%
143.00	144.00	1.00	437183	0.025	Silicified	1%
144.00	145.03	1.03	437185	0.015	Silicified	2%
145.03	145.93	0.90	437186	0.015	Sericitic alteration	3%
145.93	147.00	1.07	437187	0.180	Silicified	3%
147.00	148.06	1.06	437188	0.057	Silicified	2%
148.06	148.97	0.91	437189	0.062	Silicified	1%

148.97	149.54	0.57	437191	0.026	Sericitic alteration	2%	
149.54	150.23	0.69	437192	0.130	Sericitic alteration	2%	
150.23	150.99	0.76	437193	0.031	Sericitic alteration	1%	
150.99	152.00	1.01	437194	0.210	Sericitic alteration	1%	
152.00	153.00	1.00	437195	0.119	Sericitic alteration	3%	
153.00	154.00	1.00	437197	0.054	Silicified	1%	
154.00	155.00	1.00	437198	0.027	Sericitic alteration	1%	
155.00	156.00	1.00	437199	0.018	Silicified	1%	
156.00	157.00	1.00	437200	0.023	Sericitic alteration	1%	
157.00	158.00	1.00	437201	0.016	Sericitic alteration	1%	
158.00	159.00	1.00	437202	0.011	Sericitic alteration	1%	
159.00	160.00	1.00	437203	0.007	Silicified	1%	
160.00	160.61	0.61	437204	0.017	Sericitic alteration	1%	
160.61	162.00	1.39	437205	0.176	Sericitic alteration	1%	70 cm void, few spec of Mo at 161.15m
162.00	163.00	1.00	437206	0.165	Sericitic alteration	6%	medium grey
163.00	164.00	1.00	437207	0.277	Silicified	4%	
164.00	165.00	1.00	437208	0.030	Sericitic alteration	1%	
165.00	166.05	1.05	437209	0.137	Sericitic alteration	3%	
166.05	167.00	0.95	437211	0.130	Sericitic alteration	2%	
167.00	168.00	1.00	437213	0.797	Sericitic alteration	2%	
168.00	169.00	1.00	437214	0.023	Silicified	2%	
169.00	170.00	1.00	437215	0.233	Silicified	3%	
170.00	171.00	1.00	437216	0.148	Silicified	4%	
171.00	172.00	1.00	437217	0.201	Sericitic alteration	4%	
172.00	173.00	1.00	437218	0.092	Sericitic alteration	1%	
173.00	174.00	1.00	437219	0.193	Sericitic alteration	2%	
174.00	175.00	1.00	437220	0.101	Silicified	1%	
175.00	175.94	0.94	437221	0.082	Silicified	2%	
175.94	176.84	0.90	437222	0.195	Sericitic alteration	4%	
176.84	178.00	1.16	437223	1.176	Silicified	3%	strong sil alt halo around vein with shallow angle to core
178.00	179.00	1.00	437225	0.508	Sericitic alteration	1%	
179.00	180.00	1.00	437226	0.235	Sericitic alteration	1%	
180.00	181.00	1.00	437227	0.180	Silicified	3%	
181.00	181.91	0.91	437228	0.135	Sericitic alteration	1%	
181.91	183.00	1.09	437229	1.461	Silicified	4%	
183.00	184.00	1.00	437231	0.545	Silicified	4%	
184.00	185.00	1.00	437232	0.980	Sericitic alteration	4%	
185.00	186.15	1.15	437233	0.185	Silicified	5%	
186.15	187.03	0.88	437234	0.321	Sericitic alteration	4%	
187.03	188.00	0.97	437235	0.339	Sericitic alteration	2%	
188.00	189.00	1.00	437237	1.169	Sericitic alteration	1%	

189.00	190.11	1.11	437238	1.660	Silicified	4%	
190.11	191.00	0.89	437239	3.810	Sericitic alteration	3%	
191.00	192.00	1.00	437240	1.408	Silicified	2%	
192.00	192.97	0.97	437241	0.980	Sericitic alteration	5%	
192.97	194.00	1.03	437242	1.906	Sericitic alteration	5%	
194.00	195.00	1.00	437243	0.628	Sericitic alteration	4%	
195.00	195.98	0.98	437244	0.789	Silicified	5%	
195.98	197.00	1.02	437245	0.790	Sericitic alteration	3%	
197.00	198.00	1.00	437246	0.795	Sericitic alteration	5%	
198.00	199.00	1.00	437247	0.972	Sericitic alteration	4%	VG in vein at 198.88m
199.00	199.68	0.68	437249	0.136	Sericitic alteration	2%	
199.68	201.00	1.32	437251	0.115	Silicified	4%	
201.00	201.74	0.74	437252	0.129	Sericitic alteration	2%	
201.74	203.00	1.26	437253	1.890	Sericitic alteration	3%	
203.00	204.00	1.00	437254	0.229	Sericitic alteration	4%	
204.00	205.03	1.03	437255	0.647	Sericitic alteration	3%	
205.03	205.92	0.89	437256	0.052	Sericitic alteration	2%	
205.92	207.00	1.08	437257	0.126	Sericitic alteration	3%	
207.00	208.50	1.50	437258	0.292	Silicified	3%	
208.50	210.00	1.50	437259	0.880	Sericitic alteration	2%	
210.00	211.50	1.50	437261	0.108	Sericitic alteration	2%	
211.50	213.00	1.50	437262	1.516	Sericitic alteration	3%	
213.00	213.65	0.65	437263	0.441	Sericitic alteration	2%	
213.65	215.00	1.35	437264	0.241	Sericitic alteration	7%	
215.00	216.00	1.00	437265	0.121	Sericitic alteration	25%	
216.00	216.52	0.52	437266	0.189	Sericitic alteration	1%	
216.52	218.00	1.48	437267	0.421	Sericitic alteration	2%	
218.00	218.50	0.50	437268	0.299	Sericitic alteration	1%	
218.50	219.00	0.50	437269	0.093	Sericitic alteration	1%	
219.00	220.03	1.03	437271	0.626	Sericitic alteration	1%	
220.03	220.93	0.90	437273	0.971	Sericitic alteration	2%	
220.93	221.80	0.87	437274	0.246	Sericitic alteration	2%	
221.80	223.00	1.20	437275	1.444	Sericitic alteration	4%	
223.00	224.00	1.00	437276	1.646	Sericitic alteration	4%	
224.00	225.00	1.00	437277	3.160	Sericitic alteration	3%	
225.00	226.01	1.01	437278	1.377	Sericitic alteration	4%	
226.01	227.00	0.99	437279	1.220	Sericitic alteration	3%	
227.00	228.00	1.00	437280	1.323	Sericitic alteration	3%	
228.00	229.00	1.00	437281	1.772	Sericitic alteration	2%	
229.00	230.00	1.00	437282	0.177	Sericitic alteration	1%	5cm wide mafic dike cutting through artr shallow angle
230.00	231.00	1.00	437283	0.115	Sericitic alteration	2%	20cm mafic dike.
231.00	232.00	1.00	437285	0.125	Sericitic alteration	2%	

232.00	233.00	1.00	437286	0.051	Sericitic alteration	2%	
233.00	234.00	1.00	437287	0.038	Sericitic alteration	3%	
234.00	235.00	1.00	437288	0.197	Sericitic alteration	1%	
235.00	236.00	1.00	437289	0.120	Sericitic alteration	2%	
236.00	237.00	1.00	437291	0.163	Sericitic alteration	4%	
237.00	238.00	1.00	437292	0.297	Sericitic alteration	4%	
238.00	238.94	0.94	437293	0.275	Sericitic alteration	3%	
238.94	240.00	1.06	437294	0.353	Sericitic alteration	6%	5cm mafic dyke at shallow angle to core
240.00	240.98	0.98	437295	0.154	Sericitic alteration	3%	
240.98	242.07	1.09	437297	0.242	Sericitic alteration	3%	
242.07	243.00	0.93	437298	2.373	Sericitic alteration	3%	
243.00	244.00	1.00	437299	0.410	Sericitic alteration	3%	
244.00	245.00	1.00	437300	0.654	Sericitic alteration	2%	
245.00	246.00	1.00	437301	2.530	Sericitic alteration	3%	
246.00	247.00	1.00	437302	0.051	Sericitic alteration	1%	
247.00	248.00	1.00	437303	0.488	Sericitic alteration	2%	
248.00	249.00	1.00	437304	0.976	Sericitic alteration	3%	
249.00	250.00	1.00	437305	0.118	Sericitic alteration	8%	24cm mafic dike
250.00	251.03	1.03	437306	1.360	Sericitic alteration	2%	

From	To	Lithologic Group					
251.03	251.57	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
251.03	251.57	0.54	437307	0.021	Chloritic alteration	1%	

From	To	Lithologic Group					
251.57	258.30	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
251.57	253.00	1.43	437308	0.054	Sericitic alteration	4%	
253.00	254.00	1.00	437309	1.090	Sericitic alteration	2%	
254.00	255.00	1.00	437311	0.015	Sericitic alteration	1%	
255.00	256.01	1.01	437313	0.297	Sericitic alteration	1%	VG in vein at 255.20m
256.01	257.00	0.99	437315	0.206	Sericitic alteration	4%	
257.00	258.30	1.30	437316	0.166	Sericitic alteration	5%	

From	To	Lithologic Group					
258.30	260.58	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
258.30	259.00	0.70	437317	0.043	Biotitic alteration		
259.00	260.00	1.00	437318	0.009	Chloritic alteration	5%	
260.00	260.58	0.58	437319	0.082	Chloritic alteration	30%	

From	To	Lithologic Group					
260.58	324.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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260.58	262.00	1.42	437320	0.202	Sericitic alteration	6%	
262.00	263.00	1.00	437321	4.810	Sericitic alteration	3%	VG in vein at 262.36m
263.00	264.00	1.00	437323	0.024	Sericitic alteration	1%	
264.00	265.00	1.00	437325	0.074	Sericitic alteration	1%	
265.00	266.00	1.00	437326	0.101	Sericitic alteration	1%	
266.00	267.00	1.00	437327	0.823	Sericitic alteration	2%	
267.00	268.00	1.00	437328	3.220	Sericitic alteration	2%	
268.00	269.00	1.00	437329	0.071	Sericitic alteration	2%	
269.00	270.00	1.00	437331	0.285	Sericitic alteration	2%	
270.00	271.00	1.00	437332	0.009	Sericitic alteration	2%	
271.00	272.00	1.00	437333	0.012	Sericitic alteration	1%	
272.00	273.00	1.00	437334	0.186	Sericitic alteration	1%	
273.00	274.00	1.00	437335	0.024	Sericitic alteration	2%	
274.00	275.00	1.00	437337	3.130	Sericitic alteration	1%	
275.00	276.00	1.00	437338	0.192	Sericitic alteration	2%	
276.00	276.76	0.76	437339	0.148	Sericitic alteration	2%	
276.76	277.91	1.15	437340	0.668	Sericitic alteration	3%	
277.91	279.00	1.09	437341	0.337	Sericitic alteration	18%	
279.00	280.00	1.00	437342	1.311	Sericitic alteration	15%	
280.00	281.00	1.00	437343	3.030	Sericitic alteration	1%	
281.00	282.00	1.00	437344	1.158	Sericitic alteration	2%	
282.00	283.00	1.00	437345	0.029	Sericitic alteration	2%	
283.00	283.98	0.98	437346	0.347	Sericitic alteration	4%	
283.98	285.00	1.02	437347	0.283	Sericitic alteration	3%	
285.00	285.88	0.88	437349	0.188	Sericitic alteration	2%	
285.88	287.00	1.12	437351	3.000	Sericitic alteration	6%	VG in vein at 286.58m
287.00	288.00	1.00	437353	2.296	Sericitic alteration	3%	VG in vein at 287.57m
288.00	289.00	1.00	437355	0.040	Sericitic alteration	2%	
289.00	290.02	1.02	437356	0.253	Sericitic alteration	5%	
290.02	291.00	0.98	437357	0.160	Sericitic alteration	2%	
291.00	292.00	1.00	437358	0.191	Sericitic alteration	6%	
292.00	293.00	1.00	437359	0.089	Sericitic alteration	5%	
293.00	294.00	1.00	437361	0.048	Sericitic alteration	5%	
294.00	295.00	1.00	437362	0.223	Sericitic alteration	3%	
295.00	295.91	0.91	437363	0.749	Sericitic alteration	2%	
295.91	297.00	1.09	437364	1.747	Sericitic alteration	5%	
297.00	298.00	1.00	437366	0.903	Sericitic alteration	6%	VG in vein at 297.42m
298.00	299.00	1.00	437368	0.935	Sericitic alteration	5%	
299.00	300.00	1.00	437369	1.178	Sericitic alteration	4%	
300.00	301.00	1.00	437371	0.987	Sericitic alteration	5%	
301.00	301.98	0.98	437373	3.770	Sericitic alteration	4%	in situ BX?
301.98	303.15	1.17	437374	2.150	Sericitic alteration	5%	in situ Bx?VG in vein at 302.88m and 302.96m

303.15	304.00	0.85	437376	0.093	Sericitic alteration	5%	in situ Bx?
304.00	305.00	1.00	437377	0.373	Sericitic alteration	5%	
305.00	306.12	1.12	437378	0.748	Sericitic alteration	3%	
306.12	307.02	0.90	437379	0.052	Sericitic alteration	5%	
307.02	308.09	1.07	437380	0.313	Sericitic alteration	5%	
308.09	309.00	0.91	437381	0.052	Sericitic alteration	7%	in situ Bx?
309.00	309.95	0.95	437382	1.952	Sericitic alteration	2%	In situ Bx?
309.95	311.00	1.05	437383	0.479	Sericitic alteration	2%	In situ Bx?
311.00	312.00	1.00	437385	0.169	Sericitic alteration	2%	
312.00	312.98	0.98	437386	0.249	Sericitic alteration	4%	
312.98	314.00	1.02	437387	0.080	Sericitic alteration	1%	
314.00	315.00	1.00	437388	0.122	Sericitic alteration	2%	Justin stopped Logging.
315.00	316.35	1.35	437389	0.398	Sericitic alteration	1%	Caitlin logging from here to EOH
316.35	317.70	1.35	437391	0.636	Silicified	2%	
317.70	319.00	1.30	437392	0.532	Silicified	1%	
319.00	320.00	1.00	437393	1.110	Sericitic alteration	2%	
320.00	321.00	1.00	437394	5.880	Sericitic alteration	1%	
321.00	322.00	1.00	437395	7.560	Sericitic alteration	8%	
322.00	323.00	1.00	437397	14.000	Sericitic alteration	2%	
323.00	324.00	1.00	437398	0.269	Sericitic alteration	2%	

From	To	Lithologic Group					
324.00	324.85	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
324.00	324.85	0.85	437399	0.185	Biotitic alteration	5%	

From	To	Lithologic Group					
324.85	337.95	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
324.85	326.00	1.15	437400	2.925	Sericitic alteration	4%	
326.00	327.00	1.00	437401	0.666	Sericitic alteration	2%	
327.00	327.85	0.85	437402	0.224	Sericitic alteration	2%	
327.85	328.60	0.75	437403	0.747	Silicified	1%	
328.60	330.00	1.40	437404	2.141	Sericitic alteration	1%	
330.00	331.05	1.05	437405	1.412	Sericitic alteration	20%	
331.05	332.00	0.95	437406	0.202	Sericitic alteration	1%	
332.00	333.00	1.00	437407	0.421	Sericitic alteration	6%	
333.00	334.00	1.00	437408	0.570	Sericitic alteration	2%	
334.00	335.00	1.00	437409	2.620	Sericitic alteration	3%	
335.00	336.00	1.00	437411	0.483	Sericitic alteration	2%	
336.00	337.00	1.00	437413	0.465	Sericitic alteration	1%	
337.00	337.95	0.95	437414	0.385	Sericitic alteration	1%	

From	To	Lithologic Group					
337.95	345.25	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
337.95	339.00	1.05	437415	3.980	Chloritic alteration	2%	
339.00	340.00	1.00	437416	0.699	Chloritic alteration	5%	
340.00	341.00	1.00	437417	0.046	Chloritic alteration	3%	
341.00	342.00	1.00	437418	0.005	Chloritic alteration	2%	
342.00	343.00	1.00	437419	3.600	Chloritic alteration	8%	
343.00	344.00	1.00	437420	1.973	Sericitic alteration	3%	might be sheared mix of ton and mafdk?
344.00	345.25	1.25	437421	2.083	Sericitic alteration	3%	
From	To	Lithologic Group					
345.25	347.20	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
345.25	346.25	1.00	437422	1.787	Sericitic alteration	5%	
346.25	347.20	0.95	437423	1.714	Sericitic alteration	0%	
From	To	Lithologic Group					
347.20	355.35	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
347.20	348.00	0.80	437425	0.049	Chloritic alteration	3%	
348.00	349.50	1.50	437426	0.005	Chloritic alteration	3%	
349.50	351.00	1.50	437427	0.005	Biotitic alteration	2%	
351.00	352.50	1.50	437428	0.005	Biotitic alteration	3%	
352.50	354.00	1.50	437429	0.005	Biotitic alteration	1%	
354.00	355.35	1.35	437431	0.005	Biotitic alteration	3%	
From	To	Lithologic Group					
355.35	370.95	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
355.35	356.00	0.65	437432	0.458	Sericitic alteration	1%	
356.00	357.00	1.00	437433	0.530	Sericitic alteration	0%	
357.00	358.00	1.00	437434	0.261	Sericitic alteration	3%	
358.00	359.00	1.00	437435	0.394	Sericitic alteration	1%	
359.00	360.00	1.00	437437	0.208	Sericitic alteration	1%	
360.00	361.00	1.00	437438	0.366	Sericitic alteration	1%	
361.00	362.00	1.00	437439	0.154	Sericitic alteration	2%	
362.00	363.00	1.00	437440	0.247	Sericitic alteration	10%	
363.00	364.00	1.00	437441	0.115	Sericitic alteration	1%	
364.00	365.00	1.00	437442	2.577	Sericitic alteration	2%	
365.00	366.00	1.00	437443	0.463	Sericitic alteration	2%	
366.00	367.00	1.00	437444	0.324	Sericitic alteration	6%	
367.00	368.00	1.00	437445	0.403	Sericitic alteration	1%	
368.00	369.00	1.00	437446	0.254	Sericitic alteration	2%	

369.00	370.00	1.00	437447	0.563	Sericitic alteration	2%
370.00	370.95	0.95	437449	0.156	Sericitic alteration	3%

From	To	Lithologic Group				
370.95	372.10	Lamprophyre Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
370.95	372.10	1.15	437451	0.005	Biotitic alteration	5%	

From	To	Lithologic Group				
372.10	410.10	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
372.10	373.00	0.90	437452	0.228	Sericitic alteration	1%	
373.00	374.00	1.00	437453	0.344	Sericitic alteration	3%	
374.00	375.00	1.00	437454	0.352	Sericitic alteration	1%	
375.00	376.00	1.00	437455	0.464	Sericitic alteration	1%	
376.00	377.00	1.00	437456	0.412	Sericitic alteration	1%	
377.00	378.00	1.00	437457	0.263	Sericitic alteration	2%	
378.00	379.00	1.00	437458	2.308	Sericitic alteration	1%	
379.00	380.00	1.00	437459	0.659	Sericitic alteration	2%	
380.00	381.00	1.00	437461	0.609	Sericitic alteration	1%	
381.00	382.00	1.00	437462	0.511	Sericitic alteration	2%	
382.00	383.00	1.00	437463	0.383	Sericitic alteration	2%	
383.00	384.00	1.00	437464	0.174	Sericitic alteration	3%	
384.00	385.00	1.00	437465	0.348	Sericitic alteration	3%	
385.00	386.00	1.00	437466	0.471	Sericitic alteration	2%	
386.00	387.00	1.00	437467	0.971	Sericitic alteration	1%	
387.00	388.00	1.00	437468	0.757	Sericitic alteration	5%	
388.00	389.00	1.00	437469	0.826	Sericitic alteration	1%	
389.00	390.00	1.00	437471	0.912	Sericitic alteration	1%	
390.00	391.00	1.00	437473	0.390	Sericitic alteration	3%	
391.00	392.00	1.00	437474	0.538	Sericitic alteration	1%	
392.00	393.00	1.00	437475	0.320	Sericitic alteration	5%	
393.00	394.00	1.00	437476	0.368	Sericitic alteration	1%	
394.00	395.00	1.00	437477	0.835	Sericitic alteration	1%	
395.00	396.00	1.00	437478	1.099	Sericitic alteration	5%	
396.00	397.00	1.00	437479	0.603	Sericitic alteration	2%	
397.00	398.00	1.00	437480	0.309	Sericitic alteration	4%	
398.00	399.00	1.00	437481	0.811	Sericitic alteration	3%	
399.00	400.00	1.00	437482	0.768	Sericitic alteration	8%	
400.00	401.00	1.00	437483	0.333	Sericitic alteration	2%	
401.00	402.00	1.00	437485	0.320	Sericitic alteration	4%	
402.00	403.00	1.00	437486	0.435	Sericitic alteration	3%	
403.00	404.00	1.00	437487	0.342	Sericitic alteration	2%	
404.00	405.00	1.00	437488	0.525	Sericitic alteration	2%	

405.00	406.00	1.00	437489	0.329	Sericitic alteration	1%
406.00	407.00	1.00	437491	0.207	Sericitic alteration	1%
407.00	408.00	1.00	437492	0.735	Sericitic alteration	12%
408.00	409.00	1.00	437493	0.139	Sericitic alteration	1%
409.00	410.10	1.10	437494	0.054	Sericitic alteration	1%

From	To	Lithologic Group				
410.10	411.10	Lamprophyre Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
410.10	411.10	1.00	437495	0.005	Biotitic alteration	0%	

From	To	Lithologic Group				
411.10	426.25	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
411.10	412.00	0.90	437497	0.084	Sericitic alteration	0%	
412.00	413.00	1.00	437498	0.089	Sericitic alteration	2%	
413.00	414.00	1.00	437499	0.252	Sericitic alteration	1%	
414.00	415.00	1.00	437500	0.103	Sericitic alteration	15%	
415.00	416.00	1.00	437501	0.084	Sericitic alteration	1%	
416.00	417.00	1.00	437502	0.371	Sericitic alteration	1%	
417.00	418.00	1.00	437503	0.123	Sericitic alteration	1%	
418.00	419.00	1.00	437504	0.302	Sericitic alteration	2%	
419.00	420.00	1.00	437505	0.212	Sericitic alteration	3%	
420.00	421.00	1.00	437506	0.378	Sericitic alteration	1%	
421.00	422.00	1.00	437507	0.256	Sericitic alteration	2%	
422.00	422.90	0.90	437508	0.271	Sericitic alteration	1%	
422.90	423.80	0.90	437509	0.315	Sericitic alteration	1%	
423.80	425.00	1.20	437511	0.329	Sericitic alteration	6%	
425.00	426.25	1.25	437513	0.287	Sericitic alteration	5%	

From	To	Lithologic Group				
426.25	426.80	Lamprophyre Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
426.25	426.80	0.55	437514	0.005	Biotitic alteration	5%	

From	To	Lithologic Group				
426.80	438.45	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
426.80	428.00	1.20	437515	0.110	Sericitic alteration	2%	
428.00	429.00	1.00	437516	0.772	Sericitic alteration	4%	
429.00	430.00	1.00	437517	0.535	Sericitic alteration	2%	
430.00	431.00	1.00	437518	0.461	Sericitic alteration	11%	
431.00	432.00	1.00	437519	0.204	Sericitic alteration	2%	
432.00	433.00	1.00	437520	0.466	Sericitic alteration	1%	
433.00	434.00	1.00	437521	0.048	Sericitic alteration	10%	
434.00	435.00	1.00	437522	0.499	Sericitic alteration	15%	

435.00	436.00	1.00	437523	0.134	Sericitic alteration	3%
436.00	437.00	1.00	437525	0.125	Sericitic alteration	2%
437.00	438.45	1.45	437526	0.135	Sericitic alteration	3%

From	To	Lithologic Group				
438.45	448.50	Lamprophyre Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
438.45	439.00	0.55	437527	0.005	Biotitic alteration	1%	
439.00	440.50	1.50	437528	0.005	Biotitic alteration	3%	
440.50	442.00	1.50	437529	0.005	Biotitic alteration	1%	
442.00	443.50	1.50	437531	0.005	Biotitic alteration	2%	
443.50	445.00	1.50	437532	0.005	Biotitic alteration	1%	
445.00	446.00	1.00	437533	0.005	Biotitic alteration	1%	
446.00	447.00	1.00	437534	0.113	Biotitic alteration	1%	
447.00	448.50	1.50	437535	0.005	Biotitic alteration	1%	7% Ton fragment; EOH

DRILL HOLE REPORT

Drill Hole **GOS21-75** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -60.0
 Length 424.5 m
 Started 13-Apr-21
 Completed 28-Apr-21
 Logged 07-May-21
 Logged by Erik Bobechko

Company
 Contractor Chenier Drilling
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing NONE
 Condition Cemented

Survey Details:

Claim Number PAT-11117
 Property 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Multi-shot Survey
 Coord Survey Tool GPS

Coordinates:

Target Easting 430736.81
 Comments UTM Datum NAD83 Northing 5267393.88
 UTM Zone 17 Elevation 396.39

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
6.0	332.09	-59.96		RM	Good	36.0	333.53	-59.70		RM	Good
9.0	332.32	-59.93		RM	Good	39.0	333.28	-59.78		RM	Good
12.0	332.35	-59.90		RM	Good	42.0	332.83	-59.87		RM	Good
15.0	332.56	-59.88		RM	Good	45.0	333.09	-59.64		RM	Good
18.0	332.72	-59.87		RM	Good	48.0	333.07	-59.60		RM	Good
21.0	332.83	-59.85		RM	Good	51.0	333.17	-59.55		RM	Good
24.0	333.06	-59.80		RM	Good	54.0	333.14	-59.53		RM	Good
27.0	333.54	-59.80		RM	Good	57.0	333.10	-59.51		RM	Good
30.0	333.27	-59.77		RM	Good	60.0	333.14	-59.47		RM	Good
33.0	333.25	-59.75		RM	Good	63.0	333.04	-59.48		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
66.0	333.16	-59.43		RM	Good
69.0	332.86	-59.38		RM	Good
72.0	333.25	-59.39		RM	Good
75.0	333.38	-59.52		RM	Good
78.0	333.41	-59.22		RM	Good
81.0	333.29	-59.31		RM	Good
84.0	333.56	-59.25		RM	Good
87.0	333.48	-59.25		RM	Good
90.0	333.54	-59.18		RM	Good
93.0	332.94	-59.22		RM	Good
96.0	333.56	-59.12		RM	Good
99.0	333.66	-59.13		RM	Good
102.0	333.79	-58.98		RM	Good
105.0	333.39	-58.89		RM	Good
108.0	333.62	-58.81		RM	Good
111.0	334.11	-58.75		RM	Good
114.0	334.37	-58.74		RM	Good
117.0	334.49	-58.73		RM	Good
120.0	334.58	-58.72		RM	Good
138.0	335.04	-58.59		RM	Good
168.0	334.88	-58.30		RM	Good
171.0	335.15	-58.03		RM	Good
174.0	335.07	-58.15		RM	Good
177.0	336.08	-58.15		RM	Good
180.0	335.76	-58.12		RM	Good
186.0	335.11	-58.10		RM	Good
192.0	335.95	-58.14		RM	Good
195.0	335.65	-58.16		RM	Good
198.0	335.95	-58.17		RM	Good
201.0	335.75	-58.14		RM	Good
204.0	336.31	-58.12		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
207.0	335.70	-58.09		RM	Good
210.0	335.68	-58.07		RM	Good
213.0	335.22	-58.04		RM	Good
216.0	336.08	-58.02		RM	Good
219.0	336.59	-58.03		RM	Good
222.0	336.44	-57.96		RM	Good
225.0	336.31	-57.97		RM	Good
228.0	335.57	-57.94		RM	Good
231.0	336.01	-57.96		RM	Good
234.0	336.02	-57.89		RM	Good
237.0	336.08	-57.88		RM	Good
240.0	336.21	-57.83		RM	Good
243.0	336.29	-57.83		RM	Good
246.0	336.16	-57.79		RM	Good
249.0	336.11	-57.77		RM	Good
252.0	336.17	-57.73		RM	Good
255.0	335.94	-57.70		RM	Good
258.0	335.74	-57.71		RM	Good
261.0	335.68	-57.65		RM	Good
264.0	336.05	-57.64		RM	Good
267.0	335.74	-57.65		RM	Good
270.0	336.02	-57.66		RM	Good
273.0	336.24	-57.72		RM	Good
276.0	336.26	-57.71		RM	Good
279.0	336.23	-57.69		RM	Good
282.0	336.05	-57.79		RM	Good
285.0	336.58	-57.76		RM	Good
288.0	336.26	-57.76		RM	Good
291.0	336.34	-57.74		RM	Good
294.0	336.43	-57.72		RM	Good
297.0	336.24	-57.74		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
300.0	336.27	-57.67		RM	Good
303.0	336.28	-57.63		RM	Good
306.0	336.32	-57.54		RM	Good
309.0	336.24	-57.54		RM	Good
312.0	336.24	-57.52		RM	Good
315.0	336.22	-57.41		RM	Good
318.0	336.07	-57.46		RM	Good
321.0	336.82	-56.79		RM	Good
324.0	336.11	-57.34		RM	Good
327.0	336.17	-57.31		RM	Good
330.0	336.13	-57.31		RM	Good
333.0	335.76	-57.57		RM	Good
336.0	336.21	-57.14		RM	Good
339.0	336.27	-57.09		RM	Good
342.0	336.23	-57.07		RM	Good
345.0	336.23	-57.01		RM	Good
348.0	336.22	-57.00		RM	Good
351.0	336.40	-56.93		RM	Good
354.0	336.45	-56.93		RM	Good
357.0	336.59	-56.93		RM	Good
360.0	336.77	-56.90		RM	Good
363.0	337.01	-56.86		RM	Good
366.0	337.17	-56.84		RM	Good
369.0	337.40	-56.87		RM	Good
372.0	337.82	-56.77		RM	Good
375.0	337.96	-56.75		RM	Good
378.0	338.20	-56.70		RM	Good
381.0	338.69	-56.71		RM	Good
384.0	339.09	-56.74		RM	Good
387.0	339.42	-56.71		RM	Good
390.0	339.41	-56.70		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
393.0	339.33	-56.67		RM	Good
396.0	341.15	-56.67		RM	Good
399.0	336.58	-56.59		RM	Good
402.0	338.35	-56.53		RM	Good
405.0	338.30	-56.56		RM	Good
408.0	341.42	-56.50		RM	Good
411.0	340.80	-56.42		RM	Good
414.0	339.04	-56.45		RM	Good
417.0	338.56	-56.33		RM	Good
420.0	339.08	-56.42		RM	Good
423.0	336.85	-56.45		RM	Good

From		To		Lithologic Group			
0.00		2.00		Overburden			
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	2.00	2.00			Unaltered	0%	
From		To		Lithologic Group			
2.00		7.20		Diabase			
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
2.00	3.00	1.00	440001	0.031	Unaltered	0%	
3.00	4.00	1.00	440002	0.011	Unaltered	0%	
4.00	4.60	0.60	440003	0.014	Unaltered	0%	
4.60	6.00	1.40	440004	0.207	Hematitic alteration	1%	Small tonalite in diabase
6.00	7.20	1.20	440005	0.005	Unaltered	0%	
From		To		Lithologic Group			
7.20		83.45		Tonalite			
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
7.20	8.00	0.80	440006	0.060	Silicified	1%	Start of weakly altered tonalite, mod cl fractures
8.00	9.00	1.00	440007	0.141	Silicified	1%	
9.00	10.00	1.00	440008	0.148	Silicified	2%	
10.00	11.00	1.00	440009	0.155	Silicified	5%	
11.00	12.10	1.10	440011	0.129	Silicified	15%	
12.10	13.00	0.90	440013	0.095	Silicified	1%	
13.00	14.00	1.00	440014	0.171	Silicified	1%	
14.00	15.00	1.00	440015	0.080	Silicified	2%	
15.00	16.00	1.00	440016	2.010	Silicified	2%	
16.00	17.00	1.00	440017	0.051	Silicified	1%	
17.00	18.00	1.00	440018	0.033	Silicified	6%	
18.00	19.00	1.00	440019	0.064	Silicified	3%	
19.00	20.00	1.00	440020	0.038	Silicified	21%	
20.00	21.00	1.00	440021	0.082	Silicified	0%	
21.00	22.00	1.00	440022	0.112	Silicified	1%	
22.00	23.00	1.00	440023	0.183	Silicified	3%	
23.00	24.00	1.00	440025	0.065	Silicified	1%	
24.00	25.00	1.00	440026	0.382	Silicified	20%	
25.00	26.00	1.00	440027	0.264	Silicified	11%	
26.00	27.00	1.00	440028	0.366	Silicified	2%	
27.00	28.00	1.00	440029	0.085	Sericitic alteration	3%	
28.00	29.00	1.00	440031	0.040	Sericitic alteration	2%	
29.00	30.00	1.00	440032	0.167	Sericitic alteration	1%	

30.00	31.00	1.00	440033	0.064	Sericitic alteration	1%	
31.00	32.00	1.00	440034	0.166	Silicified	1%	
32.00	33.00	1.00	440035	10.200	Silicified	1%	
33.00	34.00	1.00	440037	0.327	Sericitic alteration	0%	
34.00	35.00	1.00	440038	0.120	Sericitic alteration	1%	
35.00	36.00	1.00	440039	0.023	Sericitic alteration	0%	
36.00	37.00	1.00	440040	0.434	Sericitic alteration	0%	
37.00	38.00	1.00	440041	0.062	Sericitic alteration	1%	
38.00	39.00	1.00	440042	0.076	Sericitic alteration	1%	
39.00	40.00	1.00	440043	0.308	Silicified	1%	
40.00	41.00	1.00	440044	0.193	Silicified	1%	
41.00	42.00	1.00	440045	0.378	Sericitic alteration	1%	
42.00	43.00	1.00	440046	0.035	Silicified	0%	
43.00	44.00	1.00	440047	0.071	Silicified	3%	
44.00	45.00	1.00	440049	0.061	Silicified	1%	
45.00	46.00	1.00	440051	0.031	Silicified	5%	
46.00	47.00	1.00	440052	0.027	Silicified	0%	
47.00	48.00	1.00	440053	0.022	Silicified	5%	
48.00	49.00	1.00	440054	0.020	Silicified	0%	
49.00	50.00	1.00	440055	0.021	Silicified	1%	
50.00	51.00	1.00	440056	0.086	Sericitic alteration	1%	
51.00	52.00	1.00	440057	0.065	Sericitic alteration	0%	
52.00	53.00	1.00	440058	0.060	Sericitic alteration	0%	
53.00	53.90	0.90	440059	0.327	Sericitic alteration	0%	
53.90	55.00	1.10	440061	5.930	Sericitic alteration	15%	15cm Q-CB-CL vn w/ 65% py
55.00	56.00	1.00	440062	0.113	Sericitic alteration	0%	
56.00	57.00	1.00	440063	0.116	Sericitic alteration	1%	
57.00	58.00	1.00	440064	0.057	Sericitic alteration	1%	
58.00	59.00	1.00	440065	0.051	Silicified	1%	
59.00	60.00	1.00	440066	0.077	Silicified	1%	
60.00	61.00	1.00	440067	0.149	Silicified	3%	
61.00	62.00	1.00	440068	0.445	Silicified	2%	
62.00	63.00	1.00	440069	0.016	Silicified	5%	
63.00	64.00	1.00	440071	0.046	Silicified	2%	
64.00	65.00	1.00	440073	0.021	Silicified	1%	
65.00	66.00	1.00	440074	0.025	Silicified	2%	
66.00	67.00	1.00	440075	0.024	Silicified	16%	10cm Q-CL vn w/ 30% po
67.00	68.00	1.00	440076	0.036	Silicified	10%	
68.00	69.00	1.00	440077	0.052	Silicified	1%	
69.00	70.00	1.00	440078	0.380	Silicified	20%	15cm DR intrusion in Ton
70.00	71.00	1.00	440079	0.059	Silicified	1%	
71.00	72.00	1.00	440080	0.011	Silicified	0%	

72.00	73.00	1.00	440081	0.030	Silicified	1%	
73.00	74.00	1.00	440082	2.700	Silicified	3%	
74.00	75.00	1.00	440083	1.005	Silicified	1%	
75.00	76.00	1.00	440085	0.109	Silicified	3%	
76.00	77.00	1.00	440086	0.116	Silicified	15%	
77.00	77.80	0.80	440087	0.069	Silicified	1%	<1% DR Fragments
77.80	79.00	1.20	440088	0.006	Silicified	80%	80cm bullish Q-CL vn
79.00	80.00	1.00	440089	0.973	Silicified	8%	
80.00	81.00	1.00	440091	0.097	Silicified	1%	
81.00	82.00	1.00	440092	0.321	Silicified	2%	
82.00	83.45	1.45	440093	0.123	Silicified	4%	<1% DR Fragments
From	To		Lithologic Group				
83.45	85.30		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
83.45	84.40	0.95	440094	0.069	Chloritic alteration	1%	
84.40	85.30	0.90	440095	0.011	Chloritic alteration	0%	
From	To		Lithologic Group				
85.30	88.60		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
85.30	86.00	0.70	440097	0.056	Silicified	1%	
86.00	87.00	1.00	440098	0.348	Sericitic alteration	1%	
87.00	88.00	1.00	440099	0.147	Sericitic alteration	1%	
88.00	88.60	0.60	440100	0.079	Sericitic alteration	1%	
From	To		Lithologic Group				
88.60	90.00		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
88.60	90.00	1.40	440101	0.133	Chloritic alteration	1%	
From	To		Lithologic Group				
90.00	90.80		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
90.00	90.80	0.80	440102	0.142	Sericitic alteration	1%	
From	To		Lithologic Group				
90.80	91.80		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
90.80	91.80	1.00	440103	1.582	Sericitic alteration	1%	1m patch of poorly developed hdbx
From	To		Lithologic Group				
91.80	96.10		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
91.80	93.00	1.20	440104	4.230	Sericitic alteration	2%	
93.00	94.00	1.00	440105	0.135	Silicified	1%	
94.00	95.00	1.00	440106	0.083	Silicified	7%	

95.00	96.10	1.10	440107	0.415	Silicified	11%	
From	To		Lithologic Group				
96.10	97.10		Tonalite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
96.10	97.10	1.00	440108	0.064	Silicified	3%	Small patch on ton w/ 15% 2-4cm DR fragments
From	To		Lithologic Group				
97.10	113.20		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
97.10	98.00	0.90	440109	0.100	Silicified	30%	
98.00	99.00	1.00	440111	0.214	Silicified	1%	
99.00	100.00	1.00	440113	0.622	Silicified	1%	
100.00	101.00	1.00	440114	0.461	Silicified	5%	
101.00	102.00	1.00	440115	0.907	Silicified	1%	
102.00	103.00	1.00	440116	0.653	Silicified	0%	
103.00	104.10	1.10	440117	0.112	Silicified	5%	
104.10	105.00	0.90	440118	0.165	Silicified	0%	
105.00	106.00	1.00	440119	0.751	Silicified	0%	
106.00	107.00	1.00	440120	0.429	Silicified	1%	
107.00	108.00	1.00	440121	1.047	Silicified	4%	
108.00	109.00	1.00	440122	0.615	Silicified	1%	
109.00	110.00	1.00	440123	1.359	Silicified	3%	
110.00	111.00	1.00	440125	0.406	Silicified	1%	
111.00	112.00	1.00	440126	0.201	Silicified	1%	
112.00	113.20	1.20	440127	0.221	Silicified	1%	
From	To		Lithologic Group				
113.20	115.30		Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
113.20	114.20	1.00	440128	0.010	Chloritic alteration	0%	
114.20	115.30	1.10	440129	0.005	Chloritic alteration	0%	
From	To		Lithologic Group				
115.30	129.20		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
115.30	116.00	0.70	440131	0.186	Silicified	1%	
116.00	117.00	1.00	440132	0.265	Silicified	3%	
117.00	118.00	1.00	440133	0.408	Silicified	1%	
118.00	119.00	1.00	440134	0.136	Silicified	1%	
119.00	120.00	1.00	440135	0.333	Silicified	1%	
120.00	121.00	1.00	440137	0.769	Silicified	1%	
121.00	122.00	1.00	440138	0.231	Silicified	0%	
122.00	123.00	1.00	440139	0.384	Silicified	1%	
123.00	124.00	1.00	440140	0.029	Silicified	1%	

124.00	125.00	1.00	440141	0.314	Silicified	1%
125.00	126.00	1.00	440142	0.084	Silicified	3%
126.00	127.00	1.00	440143	0.070	Silicified	1%
127.00	128.00	1.00	440144	0.178	Silicified	5%
128.00	129.20	1.20	440145	0.245	Silicified	2%

From	To	Lithologic Group				
129.20	133.50	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
129.20	130.00	0.80	440146	0.041	Chloritic alteration	3%	
130.00	131.00	1.00	440147	0.022	Chloritic alteration	0%	
131.00	132.00	1.00	440149	0.021	Chloritic alteration	3%	
132.00	133.50	1.50	440151	0.108	Chloritic alteration	15%	

From	To	Lithologic Group				
133.50	134.40	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
133.50	134.40	0.90	440152	0.908	Silicified	10%	

From	To	Lithologic Group				
134.40	155.50	Diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
134.40	135.90	1.50	440153	0.012	Chloritic alteration	1%	
135.90	137.00	1.10	440154	0.036	Chloritic alteration	1%	
137.00	138.00	1.00	440155	0.034	Chloritic alteration	5%	
138.00	139.00	1.00	440156	1.249	Chloritic alteration	0%	
139.00	140.00	1.00	440157	0.112	Chloritic alteration	1%	
140.00	141.00	1.00	440158	0.009	Chloritic alteration	1%	
141.00	142.00	1.00	440159	0.037	Chloritic alteration	1%	
142.00	143.00	1.00	440161	0.116	Chloritic alteration	1%	
143.00	144.00	1.00	440162	0.029	Chloritic alteration	1%	
144.00	145.00	1.00	440163	0.008	Chloritic alteration	1%	
145.00	146.00	1.00	440164	0.985	Epidote alteration	2%	
146.00	147.00	1.00	440165	0.714	Chloritic alteration	1%	
147.00	148.00	1.00	440166	0.063	Chloritic alteration	1%	
148.00	149.00	1.00	440167	0.255	Chloritic alteration	1%	
149.00	150.00	1.00	440168	1.069	Chloritic alteration	3%	
150.00	151.00	1.00	440169	0.833	Chloritic alteration	1%	
151.00	152.00	1.00	440171	0.117	Chloritic alteration	1%	
152.00	153.00	1.00	440173	0.141	Chloritic alteration	1%	
153.00	154.00	1.00	440174	0.023	Chloritic alteration	2%	
154.00	155.50	1.50	440175	0.219	Chloritic alteration	1%	Gradational contact from DR to QDR to TON

From	To	Lithologic Group					
155.50	164.80	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
155.50	156.30	0.80	440176	0.143	Silicified	1%	10% Ton2 intrusions in Ton
156.30	157.00	0.70	440177	0.671	Silicified	0%	
157.00	158.00	1.00	440178	0.548	Silicified	8%	
158.00	159.00	1.00	440179	0.675	Silicified	1%	
159.00	160.00	1.00	440180	0.562	Silicified	0%	
160.00	161.00	1.00	440181	0.079	Sericitic alteration	1%	
161.00	162.00	1.00	440182	0.041	Silicified	2%	
162.00	163.00	1.00	440183	0.198	Silicified	1%	
163.00	164.00	1.00	440185	0.126	Silicified	0%	
164.00	164.80	0.80	440186	0.613	Sericitic alteration	1%	
From	To	Lithologic Group					
164.80	165.75	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
164.80	165.75	0.95	440187	0.019	Silicified	1%	
From	To	Lithologic Group					
165.75	168.00	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
165.75	166.95	1.20	440188	0.284	Chloritic alteration	30%	
166.95	168.00	1.05	440189	0.155	Chloritic alteration	25%	
From	To	Lithologic Group					
168.00	170.60	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
168.00	169.00	1.00	440191	0.013	Silicified	0%	
169.00	170.00	1.00	440192	0.005	Silicified	0%	
170.00	170.60	0.60	440193	0.005	Silicified	1%	
From	To	Lithologic Group					
170.60	177.40	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
170.60	172.00	1.40	440194	0.142	Silicified	1%	50% DR frag, 5% TON frag, 45% TON2 MX
172.00	173.00	1.00	440195	0.476	Silicified	1%	20% DR frag, 10% TON frag, 70% TON2 MX
173.00	174.00	1.00	440197	0.213	Chloritic alteration	0%	TON2 brecciating QDRbx. 15% MX
174.00	175.00	1.00	440198	0.195	Chloritic alteration	0%	TON2 brecciating QDRbx. 20% MX
175.00	176.00	1.00	440199	0.151	Chloritic alteration	0%	TON2 brecciating QDRbx. 15% MX
176.00	177.40	1.40	440200	0.553	Chloritic alteration	1%	TON2 brecciating QDRbx. 10% MX

From	To	Lithologic Group					
177.40	178.90	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
177.40	178.90	1.50	440201	0.043	Biotitic alteration	1%	
From	To	Lithologic Group					
178.90	192.50	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
178.90	180.00	1.10	440202	0.025	Silicified	0%	fg, ton2, dark grey grading to light pink-grey
180.00	181.00	1.00	440203	0.021	Silicified	1%	
181.00	182.00	1.00	440204	0.015	Silicified	0%	
182.00	183.00	1.00	440205	0.013	Silicified	0%	
183.00	184.00	1.00	440206	0.011	Silicified	0%	
184.00	185.00	1.00	440207	0.009	Silicified	0%	
185.00	186.00	1.00	440208	0.012	Silicified	1%	
186.00	187.00	1.00	440209	0.005	Silicified	1%	
187.00	188.00	1.00	440211	0.024	Silicified	0%	
188.00	189.00	1.00	440213	0.010	Silicified	0%	
189.00	190.00	1.00	440214	0.009	Silicified	1%	
190.00	191.00	1.00	440215	0.019	Silicified	0%	
191.00	192.50	1.50	440216	0.022	Silicified	1%	
From	To	Lithologic Group					
192.50	196.20	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
192.50	194.00	1.50	440217	0.102	Sericitic alteration	1%	
194.00	195.00	1.00	440218	0.119	Sericitic alteration	1%	
195.00	196.20	1.20	440219	0.253	Sericitic alteration	1%	
From	To	Lithologic Group					
196.20	198.05	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
196.20	197.00	0.80	440220	0.033	Silicified	1%	
197.00	198.05	1.05	440221	0.019	Silicified	1%	
From	To	Lithologic Group					
198.05	214.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
198.05	199.00	0.95	440222	0.379	Silicified	1%	
199.00	200.00	1.00	440223	0.322	Silicified	0%	
200.00	201.00	1.00	440225	4.340	Silicified	0%	
201.00	202.00	1.00	440226	0.063	Silicified	0%	
202.00	203.50	1.50	440227	0.296	Silicified	7%	fault bx?
203.50	205.00	1.50	440228	1.004	Silicified	2%	
205.00	206.00	1.00	440229	0.219	Silicified	1%	

206.00	207.00	1.00	440231	0.077	Silicified	1%
207.00	208.00	1.00	440232	0.030	Silicified	1%
208.00	209.00	1.00	440233	0.056	Silicified	1%
209.00	210.00	1.00	440234	0.018	Silicified	2%
210.00	211.00	1.00	440235	0.201	Silicified	1%
211.00	212.00	1.00	440237	0.146	Silicified	0%
212.00	213.00	1.00	440238	0.323	Silicified	3%
213.00	214.00	1.00	440239	0.027	Silicified	3%

From	To	Lithologic Group				
214.00	226.30	Tonalite 2				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
214.00	215.00	1.00	440240	0.250	Sericitic alteration	1%	Sheared Ton2 w/ intense SR
215.00	216.00	1.00	440241	0.006	Sericitic alteration	5%	Sheared Ton2 w/ intense SR
216.00	217.00	1.00	440242	0.005	Sericitic alteration	18%	Sheared Ton2 w/ intense SR
217.00	218.00	1.00	440243	0.006	Silicified	1%	
218.00	219.00	1.00	440244	0.007	Silicified	1%	
219.00	220.00	1.00	440245	0.010	Silicified	1%	
220.00	221.00	1.00	440246	0.010	Silicified	1%	
221.00	222.00	1.00	440247	0.014	Silicified	4%	
222.00	223.00	1.00	440249	0.071	Silicified	3%	
223.00	224.00	1.00	440251	0.011	Silicified	1%	
224.00	225.00	1.00	440252	0.012	Silicified	0%	Sheared lower contact
225.00	226.30	1.30	440253	0.009	Silicified	1%	Sheared lower contact with Ton

From	To	Lithologic Group				
226.30	230.70	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
226.30	227.00	0.70	440254	0.042	Silicified	2%	
227.00	228.00	1.00	440255	0.090	Silicified	2%	
228.00	229.00	1.00	440256	0.138	Silicified	0%	
229.00	230.00	1.00	440257	0.112	Silicified	3%	
230.00	230.70	0.70	440258	0.044	Silicified	1%	

From	To	Lithologic Group				
230.70	232.20	Tonalite 2 Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
230.70	232.20	1.50	440259	0.013	Silicified	0%	1.5 m of TON2 BX w/ 25% ton fragments

From	To	Lithologic Group				
232.20	256.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
232.20	233.00	0.80	440261	0.204	Silicified	0%	
233.00	234.00	1.00	440262	0.139	Silicified	2%	
234.00	235.00	1.00	440263	0.074	Silicified	1%	

235.00	236.00	1.00	440264	0.059	Silicified	3%	
236.00	237.00	1.00	440265	0.069	Sericitic alteration	3%	
237.00	238.00	1.00	440266	0.639	Sericitic alteration	5%	
238.00	239.10	1.10	440267	0.440	Sericitic alteration	1%	
239.10	240.00	0.90	440268	0.401	Silicified	1%	
240.00	241.00	1.00	440269	0.113	Silicified	1%	
241.00	242.00	1.00	440271	0.116	Silicified	1%	
242.00	243.00	1.00	440273	0.075	Silicified	1%	
243.00	244.00	1.00	440274	0.073	Silicified	0%	
244.00	245.00	1.00	440275	0.415	Silicified	5%	
245.00	246.00	1.00	440276	0.030	Silicified	3%	
246.00	247.00	1.00	440277	0.718	Silicified	4%	
247.00	248.00	1.00	440278	0.041	Silicified	5%	10% ton 2 intrusion
248.00	249.00	1.00	440279	0.079	Silicified	1%	
249.00	250.00	1.00	440280	0.044	Silicified	1%	
250.00	251.00	1.00	440281	0.018	Silicified	2%	
251.00	252.00	1.00	440282	0.097	Silicified	0%	
252.00	253.00	1.00	440283	0.077	Silicified	0%	
253.00	254.00	1.00	440285	1.511	Silicified	2%	
254.00	255.00	1.00	440286	0.022	Silicified	0%	
255.00	256.00	1.00	440287	0.019	Silicified	1%	

From	To	Lithologic Group	
256.00	258.20	Hydrothermal Breccia	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
256.00	257.00	1.00	440288	0.026	Silicified	7%	20% Mx, increased py min, sil-ser alt.
257.00	258.20	1.20	440289	0.171	Silicified	0%	50% Mx, increased py min, sil-ser alt.

From	To	Lithologic Group	
258.20	280.10	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
258.20	259.00	0.80	440291	0.066	Silicified	1%	
259.00	260.00	1.00	440292	0.052	Silicified	1%	
260.00	261.00	1.00	440293	0.200	Silicified	1%	
261.00	262.00	1.00	440294	0.038	Sericitic alteration	0%	
262.00	263.00	1.00	440295	0.081	Sericitic alteration	2%	
263.00	264.00	1.00	440297	0.131	Sericitic alteration	4%	
264.00	265.00	1.00	440298	0.257	Sericitic alteration	6%	Shallow vn set with intense sr+py halo
265.00	266.00	1.00	440299	0.044	Sericitic alteration	8%	Shallow vn set with intense sr+py halo
266.00	267.00	1.00	440300	0.044	Sericitic alteration	2%	
267.00	268.00	1.00	440301	0.021	Sericitic alteration	1%	

268.00	269.00	1.00	440302	0.296	Silicified	1%	
269.00	270.00	1.00	440303	0.045	Silicified	2%	
270.00	271.00	1.00	440304	0.005	Silicified	0%	
271.00	272.00	1.00	440305	0.023	Silicified	1%	
272.00	273.00	1.00	440306	0.044	Silicified	1%	
273.00	274.00	1.00	440307	0.074	Silicified	8%	
274.00	275.00	1.00	440308	0.073	Silicified	2%	
275.00	276.00	1.00	440309	0.072	Silicified	5%	
276.00	277.00	1.00	440311	0.041	Silicified	3%	
277.00	278.00	1.00	440313	0.110	Silicified	0%	rare fg, dark green, rounded, DR fragments
278.00	279.00	1.00	440314	0.032	Silicified	16%	
279.00	280.10	1.10	440315	0.051	Silicified	1%	

From	To	Lithologic Group					
280.10	281.20	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
280.10	281.20	1.10	440316	0.009	Chloritic alteration	20%	

From	To	Lithologic Group					
281.20	286.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
281.20	282.00	0.80	440317	0.105	Silicified	2%	
282.00	283.00	1.00	440318	0.116	Silicified	3%	
283.00	284.00	1.00	440319	0.099	Sericitic alteration	2%	rare fg, dark green, rounded, DR fragments
284.00	285.00	1.00	440320	0.700	Sericitic alteration	2%	
285.00	286.00	1.00	440321	0.391	Silicified	0%	

From	To	Lithologic Group					
286.00	287.30	Lost Core					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
286.00	287.30	1.30			Unaltered	0%	1.3m grind at contact between Ton and MafDk

From	To	Lithologic Group					
287.30	293.30	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
287.30	288.00	0.70	440322	0.010	Chloritic alteration	5%	
288.00	289.00	1.00	440323	0.027	Chloritic alteration	10%	
289.00	290.00	1.00	440325	0.008	Chloritic alteration	10%	
290.00	291.00	1.00	440326	0.005	Chloritic alteration	2%	
291.00	292.00	1.00	440327	0.005	Chloritic alteration	2%	
292.00	293.30	1.30	440328	0.008	Chloritic alteration	5%	

From	To	Lithologic Group					
293.30	295.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

293.30	294.00	0.70	440329	1.358	Silicified	0%	On edge of HDBX
294.00	295.00	1.00	440331	1.584	Silicified	0%	On edge of HDBX

From	To	Lithologic Group					
295.00	305.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
295.00	296.00	1.00	440332	0.631	Silicified	1%	50cm Diabase, HDBX with ton+qz fragments, py+mo in mx, 20% MX
296.00	297.00	1.00	440333	0.264	Silicified	2%	5% MX
297.00	298.00	1.00	440334	1.175	Silicified	3%	20% MX
298.00	299.00	1.00	440335	0.908	Silicified	0%	15% MX
299.00	300.00	1.00	440337	1.025	Silicified	2%	25% MX
300.00	301.00	1.00	440338	0.752	Silicified	3%	30% MX
301.00	302.00	1.00	440339	2.214	Silicified	0%	40% MX
302.00	303.00	1.00	440340	1.968	Silicified	0%	60% MX
303.00	304.00	1.00	440341	2.166	Silicified	0%	25% MX
304.00	305.00	1.00	440342	2.203	Silicified	6%	15% MX

From	To	Lithologic Group					
305.00	328.30	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
305.00	306.00	1.00	440343	0.715	Silicified	2%	
306.00	307.00	1.00	440344	0.500	Silicified	2%	
307.00	308.00	1.00	440345	0.252	Silicified	3%	
308.00	309.00	1.00	440346	0.214	Silicified	3%	
309.00	310.00	1.00	440347	0.621	Silicified	5%	
310.00	311.00	1.00	440349	0.674	Silicified	2%	
311.00	312.00	1.00	440351	0.673	Silicified	5%	
312.00	313.00	1.00	440352	0.193	Silicified	2%	
313.00	314.00	1.00	440353	0.194	Silicified	1%	
314.00	315.00	1.00	440354	0.149	Silicified	0%	
315.00	316.00	1.00	440355	0.145	Silicified	3%	hydrothermal fracturing
316.00	317.00	1.00	440356	0.439	Silicified	3%	hydrothermal fracturing
317.00	318.00	1.00	440357	0.384	Silicified	2%	hydrothermal fracturing
318.00	319.00	1.00	440358	0.058	Silicified	1%	
319.00	320.00	1.00	440359	0.038	Silicified	6%	
320.00	321.00	1.00	440361	0.052	Silicified	1%	
321.00	322.00	1.00	440362	0.065	Silicified	1%	
322.00	323.00	1.00	440363	0.136	Silicified	3%	
323.00	324.00	1.00	440364	0.078	Silicified	5%	
324.00	325.00	1.00	440365	0.634	Silicified	2%	
325.00	326.30	1.30	440366	0.110	Silicified	3%	
326.30	327.00	0.70	440367	0.550	Silicified	0%	Intense Albite alteration with diss cpy min. vuggy

327.00	328.30	1.30	440368	0.672	Silicified	0%	Intense Albite alteration with diss cpy min. vuggy
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From	To	Lithologic Group					
328.30	329.60	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
328.30	329.60	1.30	440369	2.910	Chloritic alteration	1%	Dark grey, fg, mafic intrusive

From	To	Lithologic Group					
329.60	375.60	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
329.60	331.00	1.40	440371	0.160	Silicified	1%	30cm of MafDk along irrregular contact
331.00	332.00	1.00	440373	0.135	Silicified	1%	
332.00	333.00	1.00	440374	0.185	Silicified	1%	
333.00	334.00	1.00	440375	0.040	Silicified	1%	
334.00	335.40	1.40	440376	0.858	Sericitic alteration	8%	
335.40	336.00	0.60	440377	0.103	Silicified	1%	
336.00	337.00	1.00	440378	0.040	Silicified	1%	
337.00	338.00	1.00	440379	0.114	Silicified	1%	
338.00	339.00	1.00	440380	0.614	Silicified	8%	
339.00	340.00	1.00	440381	0.317	Silicified	8%	
340.00	341.00	1.00	440382	0.377	Silicified	2%	
341.00	342.00	1.00	440383	0.259	Sericitic alteration	8%	
342.00	343.00	1.00	440385	0.482	Silicified	1%	
343.00	344.50	1.50	440386	0.746	Sericitic alteration	8%	
344.50	346.00	1.50	440387	0.335	Silicified	4%	
346.00	346.80	0.80	440388	0.442	Sericitic alteration	2%	
346.80	347.70	0.90	440389	4.880	Sericitic alteration	20%	
347.70	349.00	1.30	440391	0.665	Sericitic alteration	6%	
349.00	350.00	1.00	440392	0.154	Silicified	1%	
350.00	351.00	1.00	440393	0.301	Silicified	1%	
351.00	352.00	1.00	440394	0.400	Silicified	3%	
352.00	353.00	1.00	440395	0.736	Sericitic alteration	7%	
353.00	354.00	1.00	440397	0.787	Silicified	7%	
354.00	355.00	1.00	440398	2.168	Silicified	2%	
355.00	356.00	1.00	440399	0.251	Silicified	1%	
356.00	357.00	1.00	440400	0.354	Silicified	1%	
357.00	358.00	1.00	440401	0.299	Silicified	1%	
358.00	359.00	1.00	440402	1.632	Silicified	1%	
359.00	360.00	1.00	440403	0.098	Silicified	1%	
360.00	361.10	1.10	440404	0.244	Sericitic alteration	7%	
361.10	362.00	0.90	440405	0.298	Silicified	3%	
362.00	363.20	1.20	440406	0.941	Silicified	37%	
363.20	364.00	0.80	440407	1.917	Silicified	1%	

364.00	365.00	1.00	440408	3.640	Silicified	1%
365.00	366.00	1.00	440409	2.143	Silicified	3%
366.00	367.00	1.00	440411	0.394	Silicified	2%
367.00	368.00	1.00	440413	4.130	Sericitic alteration	3%
368.00	369.00	1.00	440414	2.303	Sericitic alteration	4%
369.00	370.00	1.00	440415	0.618	Silicified	3%
370.00	371.00	1.00	440416	0.312	Silicified	3%
371.00	372.00	1.00	440417	0.212	Silicified	3%
372.00	373.00	1.00	440418	0.250	Silicified	1%
373.00	374.00	1.00	440419	0.059	Silicified	1%
374.00	375.00	1.00	440420	0.128	Silicified	1%
375.00	375.60	0.60	440421	7.430	Silicified	3%

From	To	Lithologic Group				
375.60	376.40	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
375.60	376.40	0.80	440422	2.702	Chloritic alteration	0%	

From	To	Lithologic Group				
376.40	400.50	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
376.40	377.00	0.60	440423	0.979	Silicified	3%	
377.00	378.00	1.00	440425	0.120	Sericitic alteration	0%	
378.00	379.30	1.30	440426	0.143	Sericitic alteration	2%	
379.30	380.00	0.70	440427	0.580	Sericitic alteration	1%	20cm Mafdk in Ton
380.00	381.00	1.00	440428	0.247	Silicified	2%	
381.00	382.00	1.00	440429	0.161	Sericitic alteration	1%	
382.00	383.00	1.00	440431	0.290	Sericitic alteration	0%	
383.00	384.00	1.00	440432	0.492	Chloritic alteration	1%	strong albitized patches, strong cl alt
384.00	385.00	1.00	440433	0.251	Chloritic alteration	1%	
385.00	386.00	1.00	440434	0.379	Chloritic alteration	2%	
386.00	387.00	1.00	440435	0.166	Silicified	1%	
387.00	388.00	1.00	440437	0.122	Silicified	2%	
388.00	389.00	1.00	440438	0.495	Silicified	1%	
389.00	390.00	1.00	440439	0.380	Silicified	2%	
390.00	391.00	1.00	440440	3.850	Silicified	6%	
391.00	392.00	1.00	440441	0.173	Silicified	1%	
392.00	393.00	1.00	440442	1.212	Silicified	2%	
393.00	394.00	1.00	440443	2.840	Sericitic alteration	4%	
394.00	395.00	1.00	440444	0.221	Sericitic alteration	2%	
395.00	396.00	1.00	440445	0.083	Sericitic alteration	1%	
396.00	397.00	1.00	440446	0.114	Silicified	1%	
397.00	398.00	1.00	440447	0.554	Silicified	1%	

398.00	399.00	1.00	440449	0.205	Silicified	2%	
399.00	400.50	1.50	440451	0.095	Silicified	2%	30cm of irregular diabase contact

From	To	Lithologic Group					
400.50	424.50	Diabase					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
400.50	401.33	0.83	440452	0.005	Unaltered	1%	dia until end of hole
401.33	402.00	0.67	440453	0.013	Unaltered	0%	
402.00	424.50	22.50			Unaltered		

DRILL HOLE REPORT

Drill Hole **GOS21-76** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -60.0
 Length 455.0 m
 Started 22-Apr-21
 Completed 29-Apr-21
 Logged 12-Jul-21
 Logged by Laurent Gauchat
 Company
 Contractor Chenier
 Position
 Bore Size NQ
 Sample Storage
 Casing NONE
 Condition Cemented

Survey Details:

Claim Number PAT-11117
 Property Chester
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool GPS

Coordinates:

Target
 Comments Hole cut short because drill was sinking
 Easting 430840.70
 UTM Datum NAD83 Northing 5267425.72
 UTM Zone 17 Elevation 385.70

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
1.0	325.17	-61.76	56297			31.0	325.24	-61.74	56155		
4.0	325.17	-61.76	56291			34.0	325.11	-61.76	56128		
7.0	325.17	-61.75	56283			37.0	325.16	-61.75	56129		
10.0	325.20	-61.74	56281			40.0	325.24	-61.73	56099		
13.0	325.18	-61.75	56260			43.0	325.14	-61.77	56072		
16.0	325.19	-61.75	56258			46.0	325.11	-61.79	56062		
19.0	325.20	-61.76	56243			49.0	325.10	-61.77	56064		
22.0	325.14	-61.76	56216			52.0	325.23	-61.73	56033		
25.0	325.17	-61.76	56202			55.0	325.22	-61.73	56018		
28.0	325.27	-61.74	56186			58.0	325.23	-61.77	55990		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
61.0	325.22	-61.74	55968		
64.0	325.24	-61.73	55960		
67.0	325.25	-61.75	55957		
70.0	325.30	-61.75	55936		
73.0	325.26	-61.76	55924		
76.0	325.26	-61.75	55916		
79.0	325.29	-61.74	55908		
82.0	325.28	-61.75	55903		
85.0	325.22	-61.76	55895		
88.0	325.31	-61.71	55923		
91.0	325.32	-61.73	55391		
94.0	325.32	-61.72	55263		
97.0	325.34	-61.72	55202		
100.0	325.40	-62.34	55172		
103.0	325.32	-61.71	55160		
106.0	326.13	-61.19	55146		
109.0	325.54	-61.69	55121		
112.0	325.64	-61.72	55149		
115.0	325.70	-61.71	55082		
118.0	325.82	-61.72	55132		
121.0	325.49	-61.47	55099		
124.0	326.01	-61.67	55010		
127.0	325.56	-61.66	55150		
130.0	326.02	-61.65	55087		
133.0	326.18	-61.76	54961		
136.0	326.18	-61.76	54973		
139.0	326.20	-61.74	54971		
142.0	326.33	-61.80	54992		
145.0	326.70	-61.73	55125		
148.0	326.97	-61.72	55309		
151.0	327.96	-61.71	55806		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
154.0	328.18	-61.75	56222		
157.0	325.46	-61.76	56789		
163.0	316.73	-61.79	51482		
169.0	328.46	-61.81	54817		
172.0	327.83	-61.78	54806		
175.0	327.46	-61.77	54917		
178.0	327.62	-61.77	54987		
181.0	327.71	-61.75	55015		
184.0	327.69	-61.77	55025		
187.0	327.78	-61.78	55016		
190.0	327.88	-61.72	54994		
193.0	327.00	-62.47	54973		
196.0	327.92	-61.71	54967		
199.0	327.94	-61.71	54948		
202.0	328.32	-61.56	54828		
205.0	328.09	-61.59	54814		
208.0	328.22	-61.57	54891		
211.0	328.20	-61.54	54907		
214.0	328.32	-61.51	54895		
217.0	328.43	-61.53	54881		
220.0	328.50	-61.49	54867		
223.0	328.44	-61.57	54863		
226.0	328.57	-61.50	54858		
229.0	328.62	-61.49	54857		
232.0	328.64	-61.49	54860		
235.0	328.77	-61.47	54856		
238.0	328.83	-61.48	54860		
241.0	328.92	-61.42	54864		
244.0	328.90	-61.42	54850		
247.0	329.12	-61.42	54843		
250.0	329.28	-61.37	54858		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
253.0	329.33	-61.42	54843		
256.0	329.39	-61.38	54902		
259.0	328.90	-61.40	54903		
262.0	329.67	-61.42	54877		
265.0	329.65	-61.33	54966		
268.0	329.67	-61.32	54795		
271.0	330.01	-61.29	54880		
274.0	329.93	-61.28	54779		
277.0	330.12	-61.30	54857		
280.0	330.16	-61.20	54841		
283.0	330.21	-61.15	54828		
286.0	330.26	-61.12	54831		
289.0	330.27	-61.10	54838		
292.0	330.22	-61.08	54866		
295.0	330.27	-61.03	54882		
298.0	330.38	-60.99	54889		
301.0	330.40	-61.05	54903		
304.0	330.44	-61.02	54900		
307.0	330.56	-60.99	54886		
310.0	330.54	-60.97	54891		
313.0	330.64	-60.96	54908		
316.0	330.67	-60.98	54913		
319.0	330.65	-60.99	54886		
322.0	330.72	-60.99	54873		
325.0	330.70	-61.00	54892		
328.0	330.70	-61.00	54903		
331.0	330.68	-61.03	54901		
334.0	330.71	-61.00	54818		
337.0	330.70	-60.98	54943		
340.0	330.80	-60.94	54948		
343.0	330.70	-61.00	54934		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
346.0	330.75	-60.95	54924		
349.0	330.75	-60.96	54918		
352.0	330.71	-60.93	54904		
355.0	330.76	-60.91	54874		
358.0	330.85	-60.87	54844		
361.0	330.77	-60.86	54851		
364.0	330.75	-60.89	54914		
367.0	330.75	-60.82	54928		
370.0	330.76	-60.80	54939		
373.0	330.73	-60.82	54930		
376.0	330.72	-60.80	54917		
379.0	330.70	-60.75	54934		
382.0	330.66	-60.76	54931		
385.0	330.65	-60.76	54928		
388.0	330.69	-60.73	54921		
391.0	330.76	-60.70	54924		
394.0	330.83	-60.66	54926		
397.0	330.77	-60.63	54917		
400.0	330.73	-60.61	54950		
403.0	330.83	-60.63	54938		
406.0	330.81	-60.57	54926		
409.0	330.84	-60.61	54912		
412.0	330.90	-60.56	54843		
415.0	330.97	-60.53	54882		
418.0	331.02	-60.50	54920		
421.0	330.90	-60.55	54925		
424.0	330.94	-60.53	54878		
427.0	330.71	-60.52	54863		
430.0	330.61	-60.48	54888		
433.0	330.50	-60.47	54923		
436.0	330.37	-60.46	54927		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
439.0	330.48	-60.41	54900		
442.0	330.39	-60.43	54958		
445.0	330.39	-60.41	54997		
448.0	330.57	-60.40	54994		
451.0	330.64	-60.40	54904		
454.0	330.45	-60.38	55034		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
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From 0.00	To 2.00	Lithologic Group Overburden					
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From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	2.00	2.00			Unaltered		x

From 2.00	To 42.00	Lithologic Group Tonalite					
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From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
2.00	3.00	1.00	439501	0.039	Silicified	2%	x
3.00	4.00	1.00	439502	0.024	Silicified	4%	x
4.00	5.00	1.00	439503	0.014	Silicified	1%	x
5.00	6.00	1.00	439504	0.025	Silicified	12%	x
6.00	7.00	1.00	439505	0.019	Silicified	2%	x
7.00	8.00	1.00	439506	0.046	Silicified	8%	x
8.00	9.00	1.00	439507	0.025	Sericitic alteration	4%	x
9.00	10.00	1.00	439508	0.027	Silicified	2%	x
10.00	11.00	1.00	439509	0.018	Silicified	2%	x
11.00	12.00	1.00	439511	0.022	Silicified	3%	x
12.00	13.00	1.00	439513	0.113	Silicified	6%	x
13.00	14.00	1.00	439514	0.042	Silicified	4%	x
14.00	15.00	1.00	439515	0.088	Silicified	8%	x
15.00	16.00	1.00	439516	0.036	Silicified	10%	x
16.00	17.00	1.00	439517	0.078	Silicified	3%	x
17.00	18.00	1.00	439518	0.073	Sericitic alteration	4%	x
18.00	19.00	1.00	439519	0.082	Silicified	4%	x
19.00	20.00	1.00	439520	0.091	Silicified	8%	x
20.00	21.00	1.00	439521	0.046	Silicified	4%	x
21.00	22.00	1.00	439522	0.067	Silicified	4%	x
22.00	23.00	1.00	439523	0.094	Silicified	2%	x
23.00	24.00	1.00	439525	0.226	Silicified	4%	x
24.00	25.00	1.00	439526	0.087	Silicified	2%	x
25.00	26.00	1.00	439527	0.015	Silicified	8%	x
26.00	27.00	1.00	439528	0.198	Silicified	2%	x
27.00	28.00	1.00	439529	0.213	Silicified	2%	x
28.00	29.00	1.00	439531	0.143	Silicified	2%	x
29.00	30.00	1.00	439532	0.362	Silicified	4%	x
30.00	31.00	1.00	439533	0.334	Silicified	5%	x
31.00	32.00	1.00	439534	0.431	Silicified	4%	x
32.00	33.00	1.00	439535	0.090	Silicified	2%	x

33.00	34.00	1.00	439537	0.385	Sericitic alteration	2%	x
34.00	35.00	1.00	439538	0.559	Sericitic alteration	6%	x
35.00	36.00	1.00	439539	0.118	Sericitic alteration	3%	x
36.00	36.60	0.60	439540	0.056	Sericitic alteration	3%	x
36.60	38.00	1.40	439541	0.006	Chloritic alteration	2%	x late ton dyke ?
38.00	39.00	1.00	439542	0.013	Chloritic alteration	3%	x late ton dyke ?
39.00	40.00	1.00	439543	0.005	Chloritic alteration	3%	x late ton dyke ?
40.00	41.00	1.00	439544	0.005	Chloritic alteration	3%	x late ton dyke ?
41.00	42.00	1.00	439545	0.011	Chloritic alteration	2%	x late ton dyke ?

From	To	Lithologic Group					
42.00	43.80	Quartz diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
42.00	43.00	1.00	439546	0.044	Chloritic alteration	3%	x
43.00	43.80	0.80	439547	0.010	Chloritic alteration	2%	x

From	To	Lithologic Group					
43.80	72.80	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
43.80	45.00	1.20	439549	0.029	Silicified	3%	x
45.00	46.00	1.00	439551	0.041	Silicified	3%	x
46.00	47.00	1.00	439552	0.139	Silicified	4%	x
47.00	48.00	1.00	439553	0.086	Silicified	7%	x
48.00	49.00	1.00	439554	0.015	Silicified	3%	x
49.00	50.00	1.00	439555	0.012	Silicified	3%	x
50.00	51.00	1.00	439556	0.021	Silicified	2%	x
51.00	52.00	1.00	439557	0.033	Silicified	3%	x
52.00	53.00	1.00	439558	0.035	Silicified	7%	x
53.00	54.00	1.00	439559	0.042	Silicified	3%	x
54.00	55.00	1.00	439561	0.023	Silicified	3%	x
55.00	56.00	1.00	439562	0.029	Silicified	3%	x
56.00	57.00	1.00	439563	0.052	Sericitic alteration	5%	x
57.00	58.00	1.00	439564	0.028	Sericitic alteration	10%	x
58.00	59.00	1.00	439565	0.050	Sericitic alteration	15%	x
59.00	60.00	1.00	439566	0.075	Sericitic alteration	10%	x
60.00	61.00	1.00	439567	0.150	Silicified	5%	x
61.00	62.00	1.00	439568	0.353	Silicified	5%	x
62.00	63.00	1.00	439569	0.471	Silicified	3%	x
63.00	64.00	1.00	439571	0.453	Silicified	4%	x
64.00	65.00	1.00	439573	1.845	Silicified	3%	x
65.00	66.00	1.00	439574	0.445	Silicified	4%	x
66.00	67.00	1.00	439575	0.483	Silicified	12%	x
67.00	68.00	1.00	439576	0.177	Silicified	8%	x
68.00	69.00	1.00	439577	0.038	Silicified	2%	x

69.00	70.00	1.00	439578	0.187	Silicified	3%	x
70.00	71.00	1.00	439579	0.066	Silicified	2%	x
71.00	72.00	1.00	439580	0.115	Silicified	2%	x
72.00	72.80	0.80	439581	2.170	Silicified	4%	x

From	To	Lithologic Group					
72.80	114.00	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
72.80	74.00	1.20	439582	0.074	Chloritic alteration	4%	x
74.00	75.00	1.00	439583	0.063	Chloritic alteration	4%	x
75.00	76.00	1.00	439585	0.043	Chloritic alteration	2%	x
76.00	77.00	1.00	439586	0.006	Chloritic alteration	3%	x
77.00	78.00	1.00	439587	0.012	Chloritic alteration	3%	x
78.00	79.00	1.00	439588	0.016	Chloritic alteration	4%	x
79.00	80.00	1.00	439589	0.005	Chloritic alteration	3%	x
80.00	81.00	1.00	439591	0.015	Chloritic alteration	3%	x
81.00	82.00	1.00	439592	0.102	Chloritic alteration	5%	x
82.00	83.40	1.40	439593	0.036	Chloritic alteration	3%	x
83.40	84.00	0.60	439594	0.130	Chloritic alteration	10%	x
84.00	85.00	1.00	439595	0.005	Chloritic alteration	4%	x
85.00	86.00	1.00	439597	0.005	Chloritic alteration	7%	x
86.00	87.00	1.00	439598	0.005	Chloritic alteration	14%	x
87.00	88.00	1.00	439599	0.005	Chloritic alteration	3%	x
88.00	89.00	1.00	439600	0.005	Chloritic alteration	1%	x
89.00	90.00	1.00	439601	0.022	Chloritic alteration	2%	x
90.00	91.00	1.00	439602	0.102	Chloritic alteration	2%	x
91.00	92.00	1.00	439603	0.084	Chloritic alteration	2%	x
92.00	92.70	0.70	439604	0.009	Chloritic alteration	2%	x
92.70	94.00	1.30	439605	0.026	Chloritic alteration	3%	x small dr dyke ikn dr
94.00	95.00	1.00	439606	0.106	Chloritic alteration	3%	x small dr dyke ikn dr
95.00	96.00	1.00	439607	0.028	Chloritic alteration	2%	x
96.00	97.00	1.00	439608	0.476	Chloritic alteration	4%	x
97.00	98.00	1.00	439609	0.220	Chloritic alteration	5%	x
98.00	99.00	1.00	439611	0.014	Chloritic alteration	2%	x
99.00	100.00	1.00	439613	0.087	Chloritic alteration	1%	x
100.00	101.00	1.00	439614	0.106	Chloritic alteration	3%	x
101.00	102.00	1.00	439615	0.055	Chloritic alteration	2%	x
102.00	103.00	1.00	439616	0.010	Chloritic alteration	3%	x
103.00	104.00	1.00	439617	0.011	Chloritic alteration	4%	x
104.00	105.00	1.00	439618	0.121	Chloritic alteration	5%	x
105.00	106.00	1.00	439619	0.011	Chloritic alteration	2%	x
106.00	107.00	1.00	439620	0.025	Chloritic alteration	1%	x
107.00	108.00	1.00	439621	0.027	Chloritic alteration	1%	x

108.00	109.00	1.00	439622	0.075	Chloritic alteration	2%	x
109.00	110.00	1.00	439623	0.077	Chloritic alteration	2%	x
110.00	111.00	1.00	439625	0.107	Chloritic alteration	3%	x
111.00	112.00	1.00	439626	0.033	Chloritic alteration	2%	x
112.00	113.00	1.00	439627	0.123	Chloritic alteration	2%	x
113.00	114.00	1.00	439628	0.303	Chloritic alteration	2%	x

From	To	Lithologic Group					
114.00	115.90	Quartz diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
114.00	115.00	1.00	439629	0.165	Chloritic alteration	2%	x
115.00	115.90	0.90	439631	0.081	Chloritic alteration	2%	x

From	To	Lithologic Group					
115.90	119.50	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
115.90	117.00	1.10	439632	0.189	Silicified	3%	x
117.00	118.00	1.00	439633	0.063	Silicified	3%	x
118.00	119.50	1.50	439634	0.194	Silicified	1%	x

From	To	Lithologic Group					
119.50	120.40	Quartz diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
119.50	120.40	0.90	439635	0.402	Chloritic alteration	2%	x

From	To	Lithologic Group					
120.40	147.50	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
120.40	121.00	0.60	439637	0.078	Chloritic alteration	3%	x
121.00	122.20	1.20	439638	158.000	Chloritic alteration	4%	x
122.20	123.00	0.80	439639	0.100	Chloritic alteration	2%	x
123.00	124.00	1.00	439640	0.044	Chloritic alteration	2%	x
124.00	125.00	1.00	439641	0.050	Chloritic alteration	2%	x
125.00	126.00	1.00	439642	0.846	Chloritic alteration	2%	x
126.00	127.00	1.00	439643	0.085	Chloritic alteration	2%	x
127.00	128.00	1.00	439644	0.024	Chloritic alteration	2%	x
128.00	129.00	1.00	439645	0.078	Chloritic alteration	4%	x
129.00	130.00	1.00	439646	0.043	Chloritic alteration	2%	x
130.00	131.00	1.00	439647	0.011	Chloritic alteration	3%	x
131.00	132.00	1.00	439649	0.005	Chloritic alteration	3%	x
132.00	133.00	1.00	439651	0.058	Chloritic alteration	3%	x
133.00	134.00	1.00	439652	0.042	Chloritic alteration	2%	x
134.00	135.00	1.00	439653	0.053	Chloritic alteration	2%	x
135.00	136.00	1.00	439654	0.049	Chloritic alteration	2%	x
136.00	137.00	1.00	439655	0.020	Chloritic alteration	2%	x
137.00	138.00	1.00	439656	0.050	Chloritic alteration	4%	x

138.00	139.00	1.00	439657	0.106	Chloritic alteration	2%	x
139.00	140.00	1.00	439658	0.005	Chloritic alteration	2%	x
140.00	141.00	1.00	439659	0.051	Chloritic alteration	2%	x
141.00	142.00	1.00	439661	0.039	Chloritic alteration	2%	x
142.00	143.00	1.00	439662	0.048	Chloritic alteration	1%	x
143.00	144.00	1.00	439663	0.013	Chloritic alteration	3%	x
144.00	145.00	1.00	439664	0.255	Chloritic alteration	1%	x
145.00	146.00	1.00	439665	0.075	Chloritic alteration	4%	x small grain Dr dyke
146.00	147.50	1.50	439666	0.809	Chloritic alteration	6%	x

From	To	Lithologic Group					
147.50	160.00	Quartz diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
147.50	149.00	1.50	439667	0.176	Chloritic alteration	4%	x
149.00	150.00	1.00	439668	0.229	Chloritic alteration	2%	x
150.00	151.00	1.00	439669	0.047	Chloritic alteration	5%	x
151.00	152.00	1.00	439671	0.657	Chloritic alteration	3%	x
152.00	153.00	1.00	439673	0.288	Chloritic alteration	3%	x
153.00	154.00	1.00	439674	0.515	Silicified	5%	x
154.00	155.00	1.00	439675	0.311	Silicified	2%	x
155.00	156.00	1.00	439676	1.246	Silicified	2%	x
156.00	157.00	1.00	439677	0.402	Chloritic alteration	2%	x
157.00	158.00	1.00	439678	0.039	Chloritic alteration	2%	x
158.00	159.00	1.00	439679	0.032	Chloritic alteration	2%	x
159.00	160.00	1.00	439680	0.028	Chloritic alteration	6%	x

From	To	Lithologic Group					
160.00	162.00	Tonalite Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
160.00	161.00	1.00	439681	0.065	Silicified	2%	x
161.00	162.00	1.00	439682	0.128	Silicified	2%	x

From	To	Lithologic Group					
162.00	167.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
162.00	163.00	1.00	439683	0.045	Silicified	2%	x
163.00	164.00	1.00	439685	0.044	Silicified	5%	x
164.00	165.00	1.00	439686	0.214	Silicified	4%	x
165.00	166.00	1.00	439687	0.402	Silicified	3%	x
166.00	167.00	1.00	439688	0.046	Silicified	3%	x

From	To	Lithologic Group					
167.00	169.75	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
167.00	168.00	1.00	439689	0.012	Chloritic alteration	8%	x
168.00	169.00	1.00	439691	0.041	Chloritic alteration	35%	x

169.00	169.75	0.75	439692	0.011	Chloritic alteration	12%	x
From	To		Lithologic Group				
169.75	175.10		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
169.75	171.00	1.25	439693	0.345	Chloritic alteration	3%	x
171.00	172.00	1.00	439694	0.107	Chloritic alteration	3%	x
172.00	173.00	1.00	439695	0.078	Chloritic alteration	3%	x
173.00	174.00	1.00	439697	0.649	Chloritic alteration	2%	x
174.00	175.10	1.10	439698	0.143	Chloritic alteration	6%	x
From	To		Lithologic Group				
175.10	192.90		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
175.10	176.00	0.90	439699	0.202	Silicified	3%	x
176.00	177.00	1.00	439700	0.204	Silicified	3%	x
177.00	178.00	1.00	439701	0.120	Silicified	2%	x
178.00	179.00	1.00	439702	0.085	Silicified	3%	x
179.00	180.00	1.00	439703	0.151	Silicified	2%	x
180.00	181.00	1.00	439704	0.143	Silicified	2%	x
181.00	182.00	1.00	439705	0.215	Silicified	4%	x
182.00	183.00	1.00	439706	0.947	Silicified	3%	x
183.00	184.00	1.00	439707	0.046	Silicified	5%	x
184.00	185.00	1.00	439708	0.021	Silicified	2%	x
185.00	186.00	1.00	439709	0.014	Silicified	2%	x
186.00	187.00	1.00	439711	0.117	Silicified	4%	x
187.00	188.00	1.00	439713	0.031	Silicified	4%	x
188.00	189.00	1.00	439714	0.015	Silicified	2%	x
189.00	190.00	1.00	439715	0.019	Silicified	3%	x
190.00	191.00	1.00	439716	0.028	Silicified	3%	x
191.00	192.00	1.00	439717	0.034	Silicified	2%	x
192.00	192.90	0.90	439718	0.005	Silicified	3%	x
From	To		Lithologic Group				
192.90	202.50		Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
192.90	194.00	1.10	439719	0.005	Sericitic alteration	1%	fine to medium grained, foliated, medium greenish grey
194.00	195.00	1.00	439720	0.005	Sericitic alteration	1%	x
195.00	196.00	1.00	433001	0.005	Sericitic alteration	3%	Justin started logging
196.00	197.00	1.00	433002	0.013	Sericitic alteration	12%	
197.00	198.00	1.00	433003	0.005	Sericitic alteration	1%	
198.00	199.00	1.00	433004	0.005	Sericitic alteration	2%	
199.00	200.00	1.00	433005	0.005	Sericitic alteration	3%	
200.00	201.00	1.00	433006	0.005	Sericitic alteration	3%	

201.00	201.80	0.80	433007	0.005	Sericitic alteration	1%	
201.80	202.50	0.70	433008	0.032	Sericitic alteration	6%	some tonalite, (near contact)
From 202.50	To 207.04		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
202.50	203.00	0.50	433009	0.023	Silicified	10%	medium grained, equigranular, massive, light grey
203.00	204.00	1.00	433011	0.553	Silicified	5%	
204.00	205.03	1.03	433013	0.234	Silicified	5%	
205.03	206.00	0.97	433014	0.087	Sericitic alteration	3%	
206.00	207.04	1.04	433015	0.038	Sericitic alteration	3%	
From 207.04	To 213.00		Lithologic Group Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
207.04	208.02	0.98	433016	0.005	Chloritic alteration	2%	fine to medium grained, foliated, equigranular, dark greenish grey
208.02	209.00	0.98	433017	0.018	Chloritic alteration	3%	
209.00	210.00	1.00	433018	0.007	Chloritic alteration	6%	
210.00	211.00	1.00	433019	0.006	Sericitic alteration	7%	
211.00	212.00	1.00	433020	0.005	Chloritic alteration	4%	
212.00	213.00	1.00	433021	0.014	Sericitic alteration	1%	
From 213.00	To 216.30		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
213.00	214.40	1.40	433022	0.050	Sericitic alteration	1%	medium grained, foliated, light grey, equigranular
214.40	215.41	1.01	433023	0.059	Sericitic alteration	10%	
215.41	216.30	0.89	433025	0.077	Sericitic alteration	4%	
From 216.30	To 217.05		Lithologic Group Lamprophyre Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
216.30	217.05	0.75	433026	0.024	Biotitic alteration	10%	fine to medium grained, foliated, dark grey, equigranular
From 217.05	To 246.42		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
217.05	218.05	1.00	433027	0.392	Silicified	3%	medium grained, massive, light grey equigranular
218.05	219.00	0.95	433028	0.446	Silicified	2%	
219.00	220.00	1.00	433029	0.141	Sericitic alteration	3%	
220.00	221.00	1.00	433031	0.079	Sericitic alteration	3%	
221.00	222.00	1.00	433032	0.077	Silicified	5%	
222.00	223.00	1.00	433033	0.142	Sericitic alteration	3%	

223.00	223.82	0.82	433034	0.585	Sericitic alteration	12%	
223.82	225.00	1.18	433035	8.290	Silicified	15%	
225.00	225.99	0.99	433037	1.178	Silicified	7%	foliated, defined by biotite
225.99	227.00	1.01	433038	0.126	Sericitic alteration	2%	
227.00	228.00	1.00	433039	1.066	Sericitic alteration	4%	
228.00	229.00	1.00	433040	0.191	Sericitic alteration	3%	
229.00	230.00	1.00	433041	0.175	Sericitic alteration	10%	
230.00	231.00	1.00	433042	0.057	Sericitic alteration	2%	massive
231.00	231.96	0.96	433043	0.088	Sericitic alteration	4%	many small fractures
231.96	233.00	1.04	433044	0.153	Sericitic alteration	13%	
233.00	234.00	1.00	433045	0.287	Sericitic alteration	7%	
234.00	235.08	1.08	433046	0.208	Sericitic alteration	10%	
235.08	236.00	0.92	433047	0.093	Sericitic alteration	10%	
236.00	237.00	1.00	433049	0.052	Sericitic alteration	4%	
237.00	238.00	1.00	433051	0.094	Sericitic alteration	5%	
238.00	239.00	1.00	433052	0.159	Sericitic alteration	2%	
239.00	240.00	1.00	433053	0.117	Sericitic alteration	3%	
240.00	241.00	1.00	433054	0.039	Sericitic alteration	11%	
241.00	241.89	0.89	433055	0.172	Sericitic alteration	2%	
241.89	243.00	1.11	433056	0.098	Sericitic alteration	2%	
243.00	244.00	1.00	433057	1.066	Sericitic alteration	1%	
244.00	244.90	0.90	433058	0.764	Sericitic alteration	3%	few specs of Moly at 244.4m
244.90	245.90	1.00	433059	0.290	Sericitic alteration	6%	
245.90	246.42	0.52	433061	0.109	Silicified	3%	

From	To	Lithologic Group					
246.42	248.09	Lamprophyre Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
246.42	247.00	0.58	433062	0.006	Biotitic alteration	2%	foliated, equigranular, dark grey, fine to medium grained
247.00	248.09	1.09	433063	0.007	Biotitic alteration	5%	

From	To	Lithologic Group					
248.09	275.70	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
248.09	249.00	0.91	433064	0.419	Silicified	2%	medium grained, massive, equigranular, light grey
249.00	250.00	1.00	433065	0.096	Silicified	3%	
250.00	251.00	1.00	433066	0.269	Silicified	3%	
251.00	252.00	1.00	433067	0.064	Sericitic alteration	3%	
252.00	253.01	1.01	433068	0.099	Sericitic alteration	4%	
253.01	254.02	1.01	433069	0.175	Silicified	5%	Mo in veins at 253.87m
254.02	255.00	0.98	433071	0.070	Silicified	2%	
255.00	256.00	1.00	433073	0.056	Sericitic alteration	2%	
256.00	257.00	1.00	433074	0.588	Sericitic alteration	6%	

257.00	258.00	1.00	433075	0.159	Sericitic alteration	2%
258.00	259.02	1.02	433076	0.946	Sericitic alteration	7%
259.02	260.00	0.98	433077	0.250	Sericitic alteration	5%
260.00	261.00	1.00	433078	0.808	Sericitic alteration	1%
261.00	262.00	1.00	433079	0.232	Sericitic alteration	1%
262.00	263.00	1.00	433080	0.121	Sericitic alteration	0%
263.00	264.10	1.10	433081	0.264	Sericitic alteration	2%
264.10	265.00	0.90	433082	0.379	Sericitic alteration	1%
265.00	265.99	0.99	433083	1.896	Sericitic alteration	5%
265.99	267.00	1.01	433085	0.704	Sericitic alteration	1%
267.00	267.99	0.99	433086	0.525	Sericitic alteration	3%
267.99	269.00	1.01	433087	0.396	Sericitic alteration	3%
269.00	270.00	1.00	433088	0.425	Silicified	1%
270.00	271.00	1.00	433089	0.099	Silicified	1%
271.00	272.00	1.00	433091	0.164	Silicified	2%
272.00	273.00	1.00	433092	0.086	Silicified	1%
273.00	274.00	1.00	433093	1.298	Silicified	2%
274.00	275.02	1.02	433094	0.171	Sericitic alteration	8%
275.02	275.70	0.68	433095	0.770	Sericitic alteration	2%

From	To	Lithologic Group				
275.70	276.78	Diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
275.70	276.78	1.08	433097	0.037	Chloritic alteration	3%	medium grained, foliated, equigranular, dark greenish grey

From	To	Lithologic Group				
276.78	293.32	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
276.78	278.00	1.22	433098	0.254	Sericitic alteration	2%	medium grained, massive, equigranular, light pinkish grey
278.00	279.00	1.00	433099	0.485	Sericitic alteration	1%	
279.00	280.00	1.00	433100	0.378	Sericitic alteration	1%	
280.00	281.00	1.00	433101	0.213	Sericitic alteration	1%	
281.00	282.00	1.00	433102	0.508	Silicified	2%	
282.00	283.00	1.00	433103	0.983	Silicified	3%	
283.00	284.03	1.03	433104	0.503	Silicified	3%	
284.03	285.00	0.97	433105	0.731	Silicified	2%	
285.00	285.97	0.97	433106	0.142	Sericitic alteration	3%	
285.97	287.09	1.12	433107	0.134	Sericitic alteration	7%	
287.09	288.00	0.91	433108	0.363	Sericitic alteration	4%	
288.00	289.00	1.00	433109	0.385	Sericitic alteration	3%	
289.00	290.00	1.00	433111	0.751	Sericitic alteration	2%	
290.00	291.00	1.00	433113	0.659	Sericitic alteration	5%	
291.00	292.00	1.00	433114	0.164	Sericitic alteration	3%	

292.00	293.32	1.32	433115	0.265	Sericitic alteration	5%	
From	To		Lithologic Group				
293.32	302.47		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
293.32	294.00	0.68	433116	0.015	Sericitic alteration	1%	int. dike, fine grained, massive, equigranular, greenish grey
294.00	295.00	1.00	433117	0.007	Sericitic alteration	1%	
295.00	296.00	1.00	433118	0.013	Sericitic alteration	2%	
296.00	297.00	1.00	433119	0.028	Sericitic alteration	1%	
297.00	297.99	0.99	433120	0.008	Sericitic alteration	3%	
297.99	299.00	1.01	433121	0.005	Sericitic alteration	1%	reddish grey
299.00	299.65	0.65	433122	0.005	Sericitic alteration	5%	
299.65	301.00	1.35	433123	0.007	Sericitic alteration	1%	greenish grey
301.00	302.47	1.47	433125	0.013	Sericitic alteration	1%	
From	To		Lithologic Group				
302.47	308.47		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
302.47	303.00	0.53	433126	3.770	Sericitic alteration	4%	medium grained, massive, equigranular, light grey
303.00	304.03	1.03	433127	0.343	Sericitic alteration	1%	
304.03	304.93	0.90	433128	0.342	Sericitic alteration	2%	
304.93	306.00	1.07	433129	0.447	Sericitic alteration	3%	
306.00	307.00	1.00	433131	0.395	Sericitic alteration	3%	under 5% tonalite fragments
307.00	308.47	1.47	433132	0.647	Sericitic alteration	3%	
From	To		Lithologic Group				
308.47	309.97		Tonalite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
308.47	309.97	1.50	433133	13.300	Sericitic alteration	3%	5-10% tonalites fragments, VG in Qtz-Cb veins at 309.39m, 309.42m 309.63m and 309.71m
From	To		Lithologic Group				
309.97	366.79		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
309.97	311.00	1.03	433135	1.054	Sericitic alteration	3%	strongly sericite altered, under 5% Dr frags, possible tonalite frags but indistinguishable
311.00	312.00	1.00	433137	0.353	Sericitic alteration	2%	
312.00	313.00	1.00	433138	0.354	Sericitic alteration	4%	
313.00	314.00	1.00	433139	0.382	Sericitic alteration	3%	
314.00	315.00	1.00	433140	0.711	Sericitic alteration	2%	
315.00	316.00	1.00	433141	0.346	Sericitic alteration	8%	
316.00	317.00	1.00	433142	0.313	Sericitic alteration	2%	

317.00	318.00	1.00	433143	0.782	Sericitic alteration	3%	Possible Breccia, overprinted so hard to tell
318.00	319.02	1.02	433144	0.479	Sericitic alteration	3%	
319.02	320.00	0.98	433145	4.820	Sericitic alteration	5%	
320.00	321.00	1.00	433146	0.615	Sericitic alteration	2%	
321.00	322.00	1.00	433147	0.559	Sericitic alteration	1%	
322.00	322.99	0.99	433149	0.807	Sericitic alteration	2%	
322.99	324.00	1.01	433151	1.187	Sericitic alteration	2%	
324.00	325.00	1.00	433152	1.432	Sericitic alteration	2%	
325.00	326.02	1.02	433153	0.716	Sericitic alteration	1%	
326.02	327.00	0.98	433154	0.434	Sericitic alteration	4%	
327.00	328.00	1.00	433155	1.499	Sericitic alteration	1%	
328.00	329.00	1.00	433156	1.052	Sericitic alteration	4%	
329.00	330.00	1.00	433157	1.248	Sericitic alteration	2%	
330.00	331.00	1.00	433158	1.938	Sericitic alteration	2%	
331.00	332.02	1.02	433159	0.860	Silicified	1%	
332.02	333.00	0.98	433161	1.267	Silicified	3%	
333.00	334.00	1.00	433162	1.165	Silicified	2%	
334.00	335.00	1.00	433163	0.353	Silicified	2%	
335.00	336.00	1.00	433164	0.397	Silicified	2%	
336.00	337.00	1.00	433165	4.540	Silicified	3%	
337.00	338.03	1.03	433166	2.820	Silicified	2%	
338.03	339.00	0.97	433167	0.379	Silicified	1%	
339.00	340.00	1.00	433168	0.324	Silicified	2%	
340.00	341.00	1.00	433169	0.059	Silicified	1%	
341.00	342.00	1.00	433171	0.113	Silicified	2%	
342.00	343.00	1.00	433173	0.885	Silicified	3%	
343.00	344.00	1.00	433174	0.961	Silicified	2%	
344.00	345.00	1.00	433175	0.766	Silicified	2%	
345.00	345.84	0.84	433176	1.293	Sericitic alteration	2%	
345.84	347.00	1.16	433177	2.548	Sericitic alteration	1%	
347.00	348.40	1.40	433178	7.580	Sericitic alteration	3%	
348.40	349.00	0.60	433179	0.849	Sericitic alteration	2%	
349.00	350.10	1.10	433180	1.678	Silicified	2%	
350.10	351.00	0.90	433181	0.820	Silicified	1%	
351.00	352.03	1.03	433182	0.656	Silicified	3%	
352.03	353.03	1.00	433183	0.354	Silicified	6%	20cm mafic dike
353.03	354.00	0.97	433185	0.547	Silicified	2%	
354.00	355.00	1.00	433186	0.173	Silicified	2%	
355.00	356.00	1.00	433187	0.412	Silicified	4%	
356.00	357.00	1.00	433188	0.283	Silicified	1%	
357.00	358.00	1.00	433189	0.622	Silicified	6%	10cm mafic dike
358.00	359.00	1.00	433191	0.825	Silicified	4%	

359.00	360.00	1.00	433192	0.837	Silicified	3%	
360.00	361.00	1.00	433193	0.251	Silicified	3%	
361.00	362.00	1.00	433194	1.049	Silicified	3%	
362.00	363.00	1.00	433195	0.482	Silicified	3%	
363.00	364.00	1.00	433197	0.408	Silicified	2%	
364.00	365.00	1.00	433198	1.130	Silicified	4%	
365.00	366.00	1.00	433199	1.487	Silicified	2%	
366.00	366.79	0.79	433200	0.929	Sericitic alteration	3%	

From	To	Lithologic Group					
366.79	368.04	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
366.79	368.04	1.25	433201	0.470	Chloritic alteration	8%	60% mafic dyke and 40% Tonalite

From	To	Lithologic Group					
368.04	372.19	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
368.04	369.00	0.96	433202	0.223	Silicified	4%	medium grained, massive, equigranular, light pinkish grey
369.00	370.00	1.00	433203	3.360	Silicified	5%	15cm mafic dike
370.00	370.97	0.97	433205	0.844	Silicified	4%	
370.97	372.19	1.22	433206	0.426	Silicified	3%	

From	To	Lithologic Group					
372.19	372.72	Lamprophyre Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
372.19	372.72	0.53	433207	0.013	Biotitic alteration	4%	fine to medium grained, foliated, equigranular, dark grey

From	To	Lithologic Group					
372.72	373.93	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
372.72	373.93	1.21	433208	0.263	Silicified	6%	medium grained, massive, equigranular, reddish grey

From	To	Lithologic Group					
373.93	374.81	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
373.93	374.81	0.88	433209	0.247	Chloritic alteration	8%	fine grained, foliated, equigranular, dark greenish grey

From	To	Lithologic Group					
374.81	391.40	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
374.81	376.06	1.25	433211	9.730	Silicified	3%	medium grained, massive, equigranular, reddish grey
376.06	377.00	0.94	433213	1.520	Silicified	2%	
377.00	378.00	1.00	433214	1.006	Silicified	6%	
378.00	379.00	1.00	433215	2.829	Silicified	3%	

379.00	380.00	1.00	433216	25.200	Sericitic alteration	9%	VG in vein at 379.14m
380.00	381.11	1.11	433218	2.472	Sericitic alteration	16%	
381.11	382.00	0.89	433219	1.200	Sericitic alteration	4%	
382.00	383.00	1.00	433220	0.826	Sericitic alteration	3%	20cm mafic dike
383.00	384.00	1.00	433221	0.590	Silicified	1%	
384.00	385.04	1.04	433222	0.170	Silicified	45%	20cm mafic dike, couple 20cm wide VN02
385.04	386.00	0.96	433223	1.618	Silicified	2%	
386.00	387.00	1.00	433225	1.060	Sericitic alteration	1%	
387.00	388.00	1.00	433226	1.052	Sericitic alteration	3%	
388.00	389.02	1.02	433227	2.356	Sericitic alteration	4%	
389.02	390.00	0.98	433228	0.752	Sericitic alteration	4%	
390.00	391.40	1.40	433229	1.221	Sericitic alteration	3%	
From	To	Lithologic Group					
391.40	392.60	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
391.40	392.60	1.20	433231	0.114	Chloritic alteration	1%	fine to medium grained, massive, equigranular, dark greenish grey
From	To	Lithologic Group					
392.60	395.06	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
392.60	394.00	1.40	433232	0.543	Sericitic alteration	2%	medium grained, massive, equigranular, light grey
394.00	395.06	1.06	433233	0.895	Sericitic alteration	4%	
From	To	Lithologic Group					
395.06	396.00	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
395.06	396.00	0.94	433234	0.243	Chloritic alteration	9%	medium grained, foliated, inequigranular, greenish grey
From	To	Lithologic Group					
396.00	397.53	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
396.00	397.53	1.53	433235	0.289	Chloritic alteration	4%	fine grained, massive, equigranular, dark greenish grey
From	To	Lithologic Group					
397.53	402.09	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
397.53	399.00	1.47	433237	1.233	Sericitic alteration	3%	medium grained, massive, equigranular, medium grey
399.00	400.00	1.00	433238	2.030	Sericitic alteration	2%	
400.00	401.00	1.00	433239	1.540	Sericitic alteration	2%	
401.00	402.09	1.09	433240	0.268	Silicified	5%	

From	To	Lithologic Group					
402.09	403.18	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
402.09	403.18	1.09	433241	0.023	Biotitic alteration	3%	medium grained. Foliated, equigranular, dark grey
From	To	Lithologic Group					
403.18	412.26	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
403.18	404.03	0.85	433242	0.997	Silicified	3%	medium grained, massive, equigranular, light grey
404.03	405.00	0.97	433243	0.175	Silicified	6%	
405.00	406.00	1.00	433244	0.190	Silicified	7%	
406.00	407.00	1.00	433245	0.630	Silicified	3%	
407.00	408.00	1.00	433246	0.509	Sericitic alteration	2%	
408.00	408.97	0.97	433247	0.102	Sericitic alteration	2%	
408.97	410.00	1.03	433249	0.287	Sericitic alteration	12%	
410.00	411.00	1.00	433251	0.366	Sericitic alteration	6%	
411.00	412.26	1.26	433252	3.830	Sericitic alteration	6%	
From	To	Lithologic Group					
412.26	413.24	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
412.26	413.24	0.98	433253	0.026	Biotitic alteration	1%	medium grained, foliated, equigranular, dark grey
From	To	Lithologic Group					
413.24	428.40	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
413.24	414.00	0.76	433254	0.561	Silicified	1%	medium grained, massive, equigranular, light grey
414.00	415.00	1.00	433255	1.325	Silicified	2%	VG in vein at 414.61m
415.00	416.13	1.13	433256	0.695	Silicified	2%	
416.13	417.00	0.87	433257	1.118	Silicified	2%	
417.00	418.08	1.08	433258	2.030	Silicified	2%	
418.08	419.04	0.96	433259	0.542	Silicified	1%	
419.04	420.00	0.96	433261	0.570	Silicified	1%	
420.00	421.00	1.00	433262	0.783	Silicified	1%	
421.00	422.04	1.04	433263	0.584	Silicified	1%	
422.04	423.00	0.96	433264	0.472	Silicified	2%	
423.00	424.00	1.00	433265	0.400	Silicified	1%	
424.00	425.00	1.00	433266	0.150	Silicified	1%	
425.00	426.00	1.00	433267	0.128	Silicified	1%	
426.00	426.98	0.98	433268	0.208	Silicified	2%	
426.98	428.40	1.42	433269	0.151	Silicified	3%	carb alt halo at contact

From	To	Lithologic Group					
428.40	431.00	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
428.40	429.25	0.85	433271	0.007	Biotitic alteration	1%	fine to medium grained, foliated, equigranular, dark grey
429.25	430.00	0.75	433273	0.017	Biotitic alteration	3%	
430.00	431.00	1.00	433274	0.005	Biotitic alteration	3%	
From	To	Lithologic Group					
431.00	441.57	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
431.00	432.28	1.28	433275	0.218	Silicified	15%	medium grained, equigranular, massive, light grey
432.28	432.90	0.62	433276	0.138	Silicified	2%	
432.90	434.00	1.10	433277	0.518	Silicified	2%	dark grey
434.00	435.25	1.25	433278	0.179	Silicified	1%	
435.25	436.07	0.82	433279	0.196	Sericitic alteration	3%	light grey
436.07	437.00	0.93	433280	0.414	Sericitic alteration	3%	
437.00	438.50	1.50	433281	0.486	Sericitic alteration	2%	VG in vein at 438.49m
438.50	440.00	1.50	433283	0.655	Silicified	3%	
440.00	441.00	1.00	433285	0.532	Sericitic alteration	3%	
441.00	441.57	0.57	433286	0.425	Silicified	1%	27cm lamp dike
From	To	Lithologic Group					
441.57	448.08	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
441.57	443.00	1.43	433287	0.012	Biotitic alteration	3%	fine to medium grained, foliated, biotite phytic, dark grey
443.00	444.00	1.00	433288	0.010	Biotitic alteration	1%	
444.00	444.99	0.99	433289	0.007	Chloritic alteration	0%	medium grain, dark greenish grey
444.99	446.03	1.04	433291	0.006	Chloritic alteration	0%	
446.03	447.00	0.97	433292	0.007	Chloritic alteration	2%	
447.00	448.08	1.08	433293	0.006	Chloritic alteration	2%	
From	To	Lithologic Group					
448.08	453.40	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
448.08	449.00	0.92	433294	0.630	Sericitic alteration	1%	medium grained, weakly foliated, equigranular, medium grey
449.00	450.30	1.30	433295	1.583	Sericitic alteration	10%	
450.30	451.00	0.70	433297	1.351	Sericitic alteration	2%	
451.00	452.00	1.00	433298	3.120	Sericitic alteration	5%	VG in vein at 451.34m
452.00	453.40	1.40	433300	1.474	Sericitic alteration	3%	

From	To	Lithologic Group					
453.40	455.00	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
453.40	454.00	0.60	433301	0.161	Biotitic alteration	2%	medium grained, foliated, biotite phyrlic, dark grey
454.00	455.00	1.00	433302	0.035	Biotitic alteration	1%	EOH

DRILL HOLE REPORT

Drill Hole **GOS21-77** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -60.0
 Length 109.5 m
 Started 29-Apr-21
 Completed 02-May-21
 Logged 17-May-21
 Logged by Laurent Gauchat
 Target
 Comments hole stopped because stuck in DIA

Company
 Contractor Chenier
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition

Survey Details:

Claim Number PAT-11117
 Property 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Single-shot (unspecified)
 Coord Survey Tool GPS

Coordinates:

Easting 430659.74
 UTM Datum NAD83 Northing 5267375.23
 UTM Zone 17 Elevation 397.98

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
3.0	329.38	-61.36				36.0	333.74	-61.45			
6.0	329.84	-61.38				39.0	332.38	-61.54			
9.0	330.88	-61.39				48.0	335.01	-61.46			
12.0	330.25	-61.41				51.0	336.47	-61.47			
15.0	328.84	-61.37				54.0	335.00	-61.47			
18.0	329.67	-61.41				57.0	335.11	-61.45			
21.0	331.91	-61.41				60.0	335.66	-61.47			
24.0	332.16	-61.41				63.0	336.21	-61.47			
30.0	334.27	-61.44				66.0	334.28	-61.49			
33.0	333.39	-61.45				69.0	334.87	-61.22			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
72.0	334.90	-61.48			
78.0	332.34	-61.54			
81.0	331.20	-61.56			
84.0	332.53	-60.93			
87.0	332.64	-61.55			
90.0	330.31	-61.58			
93.0	330.10	-61.16			
99.0	333.60	-61.76			
105.0	333.42	-61.57			
108.0	331.03	-61.60			

Distance Azimuth Dip Magnetic Field Tool Confidence

From	To	Lithologic Group					
0.00	1.50	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	1.50	1.50			Unaltered	0%	
From	To	Lithologic Group					
1.50	108.85	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
1.50	3.00	1.50	439721		Unaltered	0%	
3.00	4.50	1.50	439722		Unaltered	0%	
4.50	106.50	102.00			Unaltered	0%	
106.50	108.00	1.50	439723		Unaltered	0%	
108.00	108.85	0.85	439725		Unaltered	0%	
From	To	Lithologic Group					
108.85	109.50	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
108.85	109.50	0.65	458311		Silicified	1%	This sample added May 17 to avoid crossing LCT. There is only 25 cm physical core of Tonalite.

DRILL HOLE REPORT

Drill Hole **GOS21-78**

Project **Gosselin**

Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -60.0
 Length 466.5 m
 Started 29-Apr-21
 Completed 10-May-21
 Logged 17-May-21
 Logged by Laurent Gauchat

Company
 Contractor Chenier
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Capped

Survey Details:

Claim Number PAT-11117
 Property Chester 234B
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Single-shot (unspecified)
 Coord Survey Tool GPS

Target

Coordinates: Easting 430609.84

Comments

UTM Datum NAD83 Northing 5267439.86

UTM Zone 17 Elevation 390.40

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
6.0	329.32	-59.02	92126			69.0	328.53	-57.84	54635		
42.0	327.10	-58.51	55866			72.0	328.16	-58.09	54608		
45.0	327.22	-58.44	55555			75.0	328.36	-58.09	54585		
48.0	327.13	-58.43	55008			78.0	328.52	-58.09	54572		
51.0	327.23	-58.37	54911			81.0	328.78	-58.07	54529		
54.0	327.38	-58.29	54833			84.0	329.05	-58.08	54534		
57.0	327.32	-58.24	54810			87.0	329.17	-58.02	54509		
60.0	327.55	-58.24	54774			90.0	329.49	-58.00	54504		
63.0	327.55	-58.26	54702			93.0	329.64	-58.08	54501		
66.0	327.64	-58.19	54673			96.0	329.84	-58.14	54505		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
99.0	330.10	-58.16	54519		
102.0	330.37	-58.11	54403		
105.0	330.52	-58.13	54519		
108.0	330.62	-58.15	54469		
111.0	330.69	-58.11	54496		
114.0	330.60	-58.09	54440		
117.0	331.15	-58.02	54563		
120.0	331.08	-58.02	54568		
123.0	331.37	-58.05	54529		
126.0	331.65	-58.08	54548		
129.0	331.69	-58.11	54545		
132.0	332.01	-57.96	54609		
135.0	332.15	-58.01	54605		
138.0	332.28	-57.98	54597		
141.0	332.65	-57.93	54578		
144.0	332.82	-57.77	54608		
147.0	332.91	-57.88	54564		
150.0	333.07	-57.84	54562		
153.0	333.09	-57.66	54558		
156.0	333.26	-57.61	54503		
159.0	333.43	-57.59	54504		
162.0	333.49	-57.55	54517		
165.0	332.55	-57.58	54506		
168.0	333.65	-57.54	54499		
171.0	333.71	-57.43	54493		
174.0	333.76	-57.35	54492		
177.0	333.87	-57.20	54487		
180.0	333.81	-57.09	54493		
183.0	333.91	-56.98	54494		
186.0	333.93	-56.82	54509		
189.0	334.00	-56.68	54518		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
192.0	333.97	-56.60	54531		
195.0	334.09	-56.51	54543		
198.0	334.09	-56.36	54555		
201.0	334.18	-56.27	54557		
204.0	334.29	-56.09	54574		
207.0	334.43	-56.02	54589		
210.0	334.58	-56.02	54593		
213.0	334.48	-55.81	54599		
216.0	334.60	-55.73	54593		
219.0	334.70	-55.61	54606		
222.0	334.77	-55.53	54607		
225.0	334.76	-55.55	54613		
228.0	334.83	-55.51	54621		
231.0	334.88	-55.55	54625		
234.0	335.00	-55.55	54624		
237.0	335.09	-55.54	54613		
240.0	335.07	-55.58	54616		
243.0	335.05	-55.60	54584		
246.0	334.93	-55.63	54572		
249.0	335.00	-55.65	54606		
252.0	334.83	-55.68	54548		
255.0	334.89	-55.60	54576		
258.0	334.98	-55.54	54503		
261.0	334.84	-55.51	54619		
264.0	334.63	-55.54	54693		
267.0	334.82	-55.55	54685		
270.0	334.87	-55.55	54667		
273.0	334.78	-55.58	54679		
276.0	334.85	-55.56	54692		
279.0	335.04	-55.58	54704		
282.0	335.16	-55.56	54700		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
285.0	335.11	-55.56	54701		
288.0	335.09	-55.56	54689		
291.0	335.14	-55.53	54679		
294.0	335.03	-55.51	54670		
297.0	335.19	-55.40	54665		
300.0	335.17	-55.48	54647		
303.0	335.25	-55.49	54655		
306.0	335.28	-55.46	54675		
309.0	335.40	-55.43	54682		
312.0	335.24	-55.45	54651		
315.0	335.42	-55.42	54664		
318.0	335.41	-55.43	54672		
321.0	335.31	-55.44	54544		
324.0	335.47	-55.43	54598		
327.0	335.37	-55.34	54646		
330.0	335.48	-55.30	54416		
333.0	335.57	-55.25	54611		
336.0	335.63	-55.17	54661		
339.0	335.61	-55.14	54668		
342.0	335.61	-55.09	54669		
345.0	335.56	-55.09	54667		
348.0	335.60	-54.99	54676		
351.0	335.68	-54.96	54674		
354.0	335.68	-54.93	54710		
357.0	335.59	-54.91	54598		
360.0	335.72	-54.85	54708		
363.0	335.51	-54.86	54652		
366.0	335.32	-54.80	54548		
369.0	335.57	-54.76	54531		
372.0	335.42	-54.73	54633		
375.0	335.51	-54.71	54595		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
378.0	335.75	-54.65	54656		
381.0	335.52	-54.60	54767		
384.0	335.85	-54.57	54647		
387.0	335.72	-54.57	54675		
390.0	336.22	-54.60	54741		
393.0	336.27	-54.54	54744		
396.0	336.27	-54.53	54739		
399.0	336.02	-54.52	54703		
402.0	336.14	-54.46	54774		
405.0	336.22	-54.41	54732		
408.0	336.21	-54.37	54719		
411.0	336.28	-54.32	54721		
414.0	336.28	-54.31	54777		
417.0	336.32	-54.29	54766		
420.0	336.35	-54.32	54726		
423.0	336.43	-54.29	54725		
426.0	336.24	-54.25	54739		
429.0	336.17	-54.27	54861		
432.0	336.21	-54.23	54738		
435.0	335.96	-54.22	54573		
438.0	335.99	-54.16	54328		
441.0	336.33	-54.11	54102		
444.0	336.01	-54.15	54586		
447.0	336.65	-54.17	54730		
450.0	336.30	-54.13	54683		
453.0	335.37	-54.11	54501		
456.0	335.85	-54.10	55009		
459.0	334.45	-54.07	53901		
462.0	335.31	-54.01	54400		
465.0	336.27	-53.97	54109		

From	To	Lithologic Group					
0.00	16.00	Overburden					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	16.00	16.00			Unaltered	0%	

From	To	Lithologic Group					
16.00	66.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
16.00	17.00	1.00	439726	0.200	Silicified	2%	x
17.00	18.00	1.00	439727	0.097	Silicified	4%	x
18.00	19.00	1.00	439728	0.153	Silicified	4%	x
19.00	20.00	1.00	439729	0.310	Silicified	3%	x
20.00	21.00	1.00	439731	0.462	Silicified	5%	x
21.00	22.00	1.00	439732	0.136	Silicified	3%	x
22.00	23.00	1.00	439733	0.760	Silicified	5%	x
23.00	24.00	1.00	439734	0.157	Silicified	5%	x
24.00	25.00	1.00	439735	0.213	Silicified	2%	x
25.00	26.00	1.00	439737	0.616	Silicified	3%	x
26.00	27.00	1.00	439738	2.764	Silicified	5%	x
27.00	28.00	1.00	439739	1.593	Silicified	14%	x
28.00	29.00	1.00	439740	13.500	Sericitic alteration	12%	x
29.00	30.00	1.00	439741	0.846	Silicified	18%	x small Ton dyke (30cm)
30.00	31.00	1.00	439742	0.265	Silicified	3%	x
31.00	32.00	1.00	439743	0.512	Sericitic alteration	6%	x
32.00	33.00	1.00	439744	0.088	Sericitic alteration	4%	x
33.00	34.00	1.00	439745	0.086	Sericitic alteration	10%	x
34.00	35.00	1.00	439746	0.080	Silicified	2%	x
35.00	36.00	1.00	439747	0.127	Silicified	4%	x
36.00	37.00	1.00	439749	0.090	Sericitic alteration	5%	x
37.00	38.00	1.00	439751	0.114	Silicified	3%	x
38.00	39.00	1.00	439752	0.096	Silicified	2%	x
39.00	40.00	1.00	439753	0.037	Silicified	3%	x
40.00	41.00	1.00	439754	0.032	Silicified	7%	x
41.00	42.00	1.00	439755	0.032	Silicified	4%	x
42.00	43.00	1.00	439756	0.019	Silicified	8%	x
43.00	44.00	1.00	439757	0.031	Silicified	2%	x
44.00	45.00	1.00	439758	0.043	Silicified	1%	x
45.00	46.00	1.00	439759	0.016	Silicified	1%	x
46.00	47.00	1.00	439761	0.027	Silicified	5%	x

47.00	48.00	1.00	439762	0.120	Silicified	3%	x
48.00	49.00	1.00	439763	0.150	Silicified	4%	x
49.00	50.00	1.00	439764	0.036	Silicified	8%	x
50.00	51.00	1.00	439765	0.013	Silicified	4%	x
51.00	52.00	1.00	439766	0.006	Silicified	10%	x
52.00	53.00	1.00	439767	0.006	Silicified	3%	x
53.00	54.00	1.00	439768	0.020	Silicified	5%	x
54.00	55.00	1.00	439769	0.139	Silicified	4%	x
55.00	56.00	1.00	439771	0.107	Silicified	2%	x
56.00	57.00	1.00	439773	0.025	Silicified	2%	x
57.00	58.00	1.00	439774	0.033	Silicified	2%	x
58.00	59.00	1.00	439775	0.110	Silicified	4%	x
59.00	60.00	1.00	439776	0.034	Silicified	3%	x
60.00	61.00	1.00	439777	0.011	Silicified	3%	x
61.00	62.00	1.00	439778	0.009	Silicified	4%	x
62.00	63.00	1.00	439779	0.006	Silicified	7%	x
63.00	64.00	1.00	439780	0.040	Silicified	2%	x
64.00	65.00	1.00	439781	0.021	Silicified	2%	x
65.00	66.00	1.00	439782	0.029	Silicified	4%	x

From	To	Lithologic Group					
66.00	68.50	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
66.00	67.50	1.50	439783	0.018	Chloritic alteration	9%	x
67.50	68.50	1.00	439785	0.032	Chloritic alteration	2%	x

From	To	Lithologic Group					
68.50	69.70	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
68.50	69.70	1.20	439786	0.085	Silicified	2%	x

From	To	Lithologic Group					
69.70	88.50	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
69.70	70.50	0.80	439787	0.009	Chloritic alteration	2%	x
70.50	71.50	1.00	439788	0.005	Chloritic alteration	2%	x
71.50	72.50	1.00	439789	0.005	Chloritic alteration	2%	x
72.50	73.50	1.00	439791	0.005	Chloritic alteration	1%	x
73.50	74.50	1.00	439792	0.005	Chloritic alteration	2%	x
74.50	75.50	1.00	439793	0.005	Chloritic alteration	1%	x
75.50	76.50	1.00	439794	0.005	Chloritic alteration	1%	x
76.50	77.50	1.00	439795	0.013	Chloritic alteration	2%	x
77.50	78.50	1.00	439797	0.026	Chloritic alteration	1%	x
78.50	79.50	1.00	439798	0.036	Chloritic alteration	6%	x
79.50	80.50	1.00	439799	0.006	Chloritic alteration	3%	x

80.50	81.50	1.00	439800	0.037	Chloritic alteration	1%	x
81.50	82.50	1.00	439801	0.520	Chloritic alteration	1%	x
82.50	83.50	1.00	439802	0.024	Chloritic alteration	2%	x
83.50	84.50	1.00	439803	0.007	Chloritic alteration	2%	x
84.50	85.50	1.00	439804	0.037	Chloritic alteration	2%	x
85.50	86.50	1.00	439805	0.093	Chloritic alteration	2%	x
86.50	87.50	1.00	439806	0.028	Chloritic alteration	2%	x
87.50	88.50	1.00	439807	0.048	Chloritic alteration	2%	x
From	To	Lithologic Group					
88.50	94.50	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
88.50	89.50	1.00	439808	0.026	Chloritic alteration	2%	x
89.50	90.50	1.00	439809	0.074	Chloritic alteration	2%	x
90.50	91.50	1.00	439811	0.142	Chloritic alteration	2%	x
91.50	92.50	1.00	439813	0.217	Chloritic alteration	2%	x
92.50	93.50	1.00	439814	0.064	Silicified	7%	x
93.50	94.50	1.00	439815	0.285	Chloritic alteration	3%	x
From	To	Lithologic Group					
94.50	99.00	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
94.50	95.50	1.00	439816	0.031	Chloritic alteration	3%	x
95.50	96.50	1.00	439817	0.041	Chloritic alteration	3%	x
96.50	97.50	1.00	439818	0.007	Chloritic alteration	6%	x
97.50	99.00	1.50	439819	0.049	Chloritic alteration	12%	x
From	To	Lithologic Group					
99.00	100.00	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
99.00	100.00	1.00	439820	0.068	Silicified	2%	x
From	To	Lithologic Group					
100.00	101.00	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
100.00	101.00	1.00	439821	0.007	Chloritic alteration	2%	x
From	To	Lithologic Group					
101.00	102.00	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
101.00	102.00	1.00	439822	0.082	Silicified	2%	x
From	To	Lithologic Group					
102.00	103.10	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
102.00	103.10	1.10	439823	0.027	Silicified	10%	x

From	To	Lithologic Group					
103.10	104.00	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
103.10	104.00	0.90	439825	0.029	Chloritic alteration	35%	x
From	To	Lithologic Group					
104.00	105.00	Quartz Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
104.00	105.00	1.00	439826	0.024	Chloritic alteration	10%	x
From	To	Lithologic Group					
105.00	107.00	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
105.00	106.00	1.00	439827	0.009	Chloritic alteration	3%	x
106.00	107.00	1.00	439828	0.010	Chloritic alteration	5%	x
From	To	Lithologic Group					
107.00	108.00	Quartz Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
107.00	108.00	1.00	439829	0.026	Chloritic alteration	4%	x
From	To	Lithologic Group					
108.00	108.90	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
108.00	108.90	0.90	439831	0.079	Chloritic alteration	2%	x
From	To	Lithologic Group					
108.90	109.70	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
108.90	109.70	0.80	439832	0.019	Silicified	3%	x
From	To	Lithologic Group					
109.70	113.00	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
109.70	111.00	1.30	439833	0.101	Chloritic alteration	1%	x
111.00	112.00	1.00	439834	0.116	Chloritic alteration	2%	x
112.00	113.00	1.00	439835	0.051	Chloritic alteration	2%	x
From	To	Lithologic Group					
113.00	114.00	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
113.00	114.00	1.00	439837	0.139	Chloritic alteration	3%	x
From	To	Lithologic Group					
114.00	115.30	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
114.00	115.30	1.30	439838	0.027	Chloritic alteration	1%	x

From	To	Lithologic Group					
115.30	116.10	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
115.30	116.10	0.80	439839	0.124	Silicified	3%	x
From	To	Lithologic Group					
116.10	139.35	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
116.10	117.00	0.90	439840	0.050	Silicified	3%	x
117.00	118.00	1.00	439841	0.012	Silicified	3%	x
118.00	119.00	1.00	439842	0.018	Silicified	1%	x
119.00	120.00	1.00	439843	0.012	Silicified	3%	x
120.00	121.00	1.00	439844	0.029	Silicified	3%	x
121.00	122.00	1.00	439845	0.028	Silicified	3%	x
122.00	123.00	1.00	439846	0.076	Silicified	4%	x
123.00	124.00	1.00	439847	0.475	Silicified	10%	x
124.00	125.00	1.00	439849	0.034	Silicified	8%	x
125.00	126.00	1.00	439851	0.046	Silicified	1%	x
126.00	127.00	1.00	439852	0.523	Silicified	1%	x
127.00	128.00	1.00	439853	0.071	Silicified	6%	x
128.00	129.00	1.00	439854	0.047	Silicified	6%	x
129.00	130.00	1.00	439855	0.095	Silicified	1%	x
130.00	131.00	1.00	439856	0.104	Silicified	2%	x
131.00	132.00	1.00	439857	0.159	Silicified	1%	x
132.00	133.00	1.00	439858	0.214	Silicified	2%	x
133.00	134.00	1.00	439859	0.227	Silicified	1%	x
134.00	135.00	1.00	439861	0.290	Silicified	2%	x
135.00	136.00	1.00	439862	0.080	Silicified	2%	x
136.00	137.00	1.00	439863	0.081	Sericitic alteration	4%	x
137.00	138.00	1.00	439864	0.077	Sericitic alteration	4%	x
138.00	139.35	1.35	439865	0.058	Sericitic alteration	4%	x
From	To	Lithologic Group					
139.35	142.60	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
139.35	140.00	0.65	439866	0.055	Chloritic alteration	2%	x
140.00	141.00	1.00	439867	0.009	Chloritic alteration	8%	x
141.00	142.60	1.60	439868	0.014	Chloritic alteration	10%	x
From	To	Lithologic Group					
142.60	146.30	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
142.60	144.00	1.40	439869	0.035	Silicified	10%	x
144.00	145.00	1.00	439871	0.112	Silicified	4%	x
145.00	146.30	1.30	439873	0.162	Silicified	2%	x

From	To	Lithologic Group					
146.30	149.10	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
146.30	147.00	0.70	439874	0.005	Chloritic alteration	2%	x
147.00	148.00	1.00	439875	0.005	Chloritic alteration	2%	x
148.00	149.10	1.10	439876	0.012	Chloritic alteration	35%	x
From	To	Lithologic Group					
149.10	234.60	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
149.10	150.00	0.90	439877	0.021	Silicified	3%	x
150.00	151.00	1.00	439878	0.031	Silicified	2%	x
151.00	152.00	1.00	439879	0.017	Silicified	6%	x
152.00	153.00	1.00	439880	0.046	Silicified	8%	x
153.00	154.00	1.00	439881	0.064	Silicified	2%	x
154.00	155.00	1.00	439882	0.050	Silicified	3%	x
155.00	156.00	1.00	439883	0.089	Silicified	3%	x
156.00	157.00	1.00	439885	0.214	Silicified	3%	x
157.00	158.00	1.00	439886	0.449	Silicified	8%	x
158.00	159.00	1.00	439887	0.297	Silicified	2%	x
159.00	160.00	1.00	439888	0.162	Silicified	6%	x
160.00	161.00	1.00	439889	0.050	Silicified	2%	x
161.00	162.00	1.00	439891	0.108	Silicified	4%	x
162.00	163.00	1.00	439892	0.055	Silicified	3%	x
163.00	164.00	1.00	439893	0.025	Silicified	2%	x
164.00	165.00	1.00	439894	0.251	Silicified	1%	x
165.00	166.00	1.00	439895	0.112	Silicified	1%	x
166.00	167.00	1.00	439897	0.090	Silicified	2%	x
167.00	168.00	1.00	439898	0.192	Silicified	1%	x
168.00	169.00	1.00	439899	0.069	Silicified	5%	x
169.00	170.00	1.00	439900	0.015	Silicified	3%	x
170.00	171.00	1.00	439901	0.012	Silicified	2%	x
171.00	172.00	1.00	439902	0.522	Silicified	2%	x
172.00	173.00	1.00	439903	0.031	Silicified	1%	x
173.00	174.00	1.00	439904	0.019	Silicified	2%	x
174.00	175.00	1.00	439905	0.029	Silicified	1%	x
175.00	176.00	1.00	439906	0.153	Silicified	1%	x
176.00	177.00	1.00	439907	0.048	Silicified	1%	x
177.00	178.00	1.00	439908	0.053	Silicified	1%	x
178.00	179.00	1.00	439909	0.079	Silicified	3%	x
179.00	180.00	1.00	439911	0.018	Silicified	3%	x
180.00	181.00	1.00	439913	0.013	Silicified	1%	x
181.00	182.00	1.00	439914	0.070	Silicified	2%	x

182.00	183.00	1.00	439915	0.009	Silicified	2%	x
183.00	184.00	1.00	439916	0.005	Silicified	3%	x
184.00	185.00	1.00	439917	0.005	Silicified	15%	x
185.00	186.00	1.00	439918	0.019	Silicified	8%	x
186.00	187.00	1.00	439919	0.005	Silicified	6%	x
187.00	188.00	1.00	439920	0.005	Silicified	2%	x
188.00	189.00	1.00	439921	0.005	Silicified	2%	x
189.00	190.00	1.00	439922	0.092	Silicified	2%	Caitlin logging from here
190.00	191.00	1.00	439923	0.010	Silicified	1%	
191.00	192.00	1.00	439925	0.005	Silicified	1%	
192.00	192.80	0.80	439926	0.015	Silicified	2%	
192.80	194.00	1.20	439927	0.005	Silicified	15%	several (sheeted?) VN02 in brecciated/ground sections (mm pebbles in black matrix, with VN02 throughout)
194.00	195.00	1.00	439928	0.005	Silicified	1%	
195.00	196.00	1.00	439929	0.005	Silicified	1%	
196.00	197.00	1.00	439931	0.007	Silicified	2%	
197.00	198.00	1.00	439932	0.005	Silicified	1%	
198.00	199.00	1.00	439933	0.781	Silicified	7%	
199.00	200.00	1.00	439934	0.036	Silicified	1%	
200.00	201.00	1.00	439935	0.017	Silicified	1%	
201.00	202.00	1.00	439937	0.005	Silicified	3%	
202.00	203.00	1.00	439938	0.008	Silicified	1%	
203.00	204.00	1.00	439939	0.009	Silicified	1%	
204.00	205.00	1.00	439940	0.036	Silicified	1%	
205.00	206.00	1.00	439941	0.007	Silicified	0%	
206.00	207.00	1.00	439942	0.005	Silicified	1%	
207.00	208.00	1.00	439943	0.005	Silicified	0%	
208.00	209.00	1.00	439944	0.005	Silicified	0%	
209.00	210.00	1.00	439945	0.015	Silicified	2%	
210.00	211.00	1.00	439946	0.005	Silicified	1%	
211.00	212.00	1.00	439947	0.005	Hematitic alteration	0%	
212.00	213.00	1.00	439949	0.011	Hematitic alteration	1%	
213.00	214.00	1.00	439951	0.126	Hematitic alteration	1%	
214.00	215.00	1.00	439952	0.009	Hematitic alteration	0%	
215.00	216.00	1.00	439953	0.005	Hematitic alteration	0%	
216.00	217.00	1.00	439954	0.031	Hematitic alteration	0%	
217.00	218.00	1.00	439955	0.014	Hematitic alteration	1%	
218.00	219.00	1.00	439956	0.005	Hematitic alteration	0%	
219.00	220.00	1.00	439957	0.005	Hematitic alteration	0%	
220.00	221.00	1.00	439958	0.005	Hematitic alteration	0%	
221.00	222.00	1.00	439959	0.031	Hematitic alteration	1%	

222.00	223.00	1.00	439961	0.025	Hematitic alteration	0%	
223.00	224.00	1.00	439962	0.027	Hematitic alteration	0%	
224.00	225.00	1.00	439963	0.007	Hematitic alteration	1%	
225.00	226.00	1.00	439964	0.015	Hematitic alteration	1%	
226.00	227.00	1.00	439965	0.009	Hematitic alteration	2%	
227.00	228.00	1.00	439966	0.076	Silica–Sodic alteration	0%	pitted surface
228.00	229.00	1.00	439967	0.011	Silica–Sodic alteration	0%	pitted surface
229.00	230.00	1.00	439968	0.040	Silica–Sodic alteration	1%	pitted surface
230.00	231.00	1.00	439969	0.100	Silica–Sodic alteration	0%	pitted surface
231.00	232.00	1.00	439971	0.048	Silica–Sodic alteration	1%	pitted surface
232.00	233.00	1.00	439973	0.139	Silica–Sodic alteration	0%	pitted surface
233.00	234.00	1.00	439974	0.158	Silica–Sodic alteration	0%	pitted surface
234.00	234.60	0.60	439975	0.041	Silica–Sodic alteration	0%	pitted surface

From	To	Lithologic Group					
234.60	237.00	Fault Zone					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
234.60	236.00	1.40	439976	0.015	Chloritic alteration	3%	Foliated matrix rich in clr-bio-py with mm to cm scale subangular to subrounded fragments of tonalite; 1 cm of fault gauge - semiconsolidated clay with pebbles
236.00	237.00	1.00	439977	0.009	Chloritic alteration	2%	

From	To	Lithologic Group					
237.00	262.50	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
237.00	238.00	1.00	439978	0.097	Hematitic alteration	22%	20% FLZn breccia running subparallel TCA in center of drill core; ton strongly fractured (but healed); 20 cm VN02
238.00	239.00	1.00	439979	0.086	Hematitic alteration	2%	
239.00	240.00	1.00	439980	0.006	Hematitic alteration	6%	
240.00	241.05	1.05	439981	0.028	Hematitic alteration	2%	
241.05	242.15	1.10	439982	0.013	Hematitic alteration	2%	
242.15	243.00	0.85	439983	0.015	Hematitic alteration	1%	
243.00	244.00	1.00	439985	0.008	Hematitic alteration	2%	
244.00	245.00	1.00	439986	0.074	Hematitic alteration	3%	
245.00	246.00	1.00	439987	0.118	Hematitic alteration	1%	
246.00	247.00	1.00	439988	0.030	Hematitic alteration	2%	
247.00	248.00	1.00	439989	0.031	Hematitic alteration	1%	
248.00	249.00	1.00	439991	0.036	Hematitic alteration	5%	
249.00	250.00	1.00	439992	0.005	Hematitic alteration	2%	
250.00	251.00	1.00	439993	0.007	Hematitic alteration	1%	
251.00	251.80	0.80	439994	0.010	Hematitic alteration	2%	

251.80	253.00	1.20	439995	0.063	Silicified	1%	in situ breccia (tectonic, not hydrothermal)
253.00	254.00	1.00	439997	0.030	Biotitic alteration	1%	in situ breccia (tectonic, not hydrothermal)
254.00	255.00	1.00	439998	0.147	Biotitic alteration	0%	in situ breccia (tectonic, not hydrothermal)
255.00	256.00	1.00	439999	0.107	Silicified	0%	
256.00	257.00	1.00	440000	0.035	Biotitic alteration	0%	?? Unsure if intermediate between tonalite or diorite, or just strongly clr-altered ton proximal to deformation zone (below)
257.00	258.00	1.00	438501	0.026	Chloritic alteration	0%	
258.00	259.00	1.00	438502	0.053	Chloritic alteration	0%	
259.00	260.00	1.00	438503	0.060	Chloritic alteration	1%	
260.00	261.00	1.00	438504	0.709	Silicified	1%	
261.00	262.50	1.50	438505	0.481	Chloritic alteration	0%	
From	To	Lithologic Group					
262.50	263.80	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
262.50	263.80	1.30	438506	0.822	Chloritic alteration	1%	
From	To	Lithologic Group					
263.80	268.75	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
263.80	265.00	1.20	438507	0.467	Chloritic alteration	0%	
265.00	266.20	1.20	438508	0.449	Chloritic alteration	0%	
266.20	267.00	0.80	438509	0.692	Chloritic alteration	0%	
267.00	268.00	1.00	438511	0.136	Chloritic alteration	1%	
268.00	268.75	0.75	438513	0.145	Chloritic alteration	0%	
From	To	Lithologic Group					
268.75	269.25	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
268.75	269.25	0.50	438514	0.147	Chloritic alteration	0%	
From	To	Lithologic Group					
269.25	277.45	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
269.25	270.00	0.75	438515	0.229	Chloritic alteration	1%	
270.00	271.00	1.00	438516	0.049	Chloritic alteration	0%	
271.00	272.30	1.30	438517	0.010	Chloritic alteration	0%	
272.30	273.00	0.70	438518	0.070	Silica–Sodic alteration	0%	strongly bleached looking; pitted surface
273.00	274.00	1.00	438519	0.045	Silica–Sodic alteration	1%	bleached; pitted surface bleached
274.00	275.00	1.00	438520	0.103	Silica–Sodic alteration	1%	pitted surface
275.00	276.00	1.00	438521	0.267	Silica–Sodic alteration	2%	pitted surface

276.00	277.45	1.45	438522	0.035	Silica–Sodic alteration	1%	pitted surface
From	To		Lithologic Group				
277.45	279.50		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
277.45	278.50	1.05	438523	0.015	Chloritic alteration	0%	
278.50	279.50	1.00	438525	0.005	Chloritic alteration	0%	
From	To		Lithologic Group				
279.50	292.30		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
279.50	280.50	1.00	438526	1.730	Silicified	1%	pitted surface
280.50	281.50	1.00	438527	0.126	Silicified	1%	pitted surface
281.50	282.50	1.00	438528	0.827	Silicified	1%	pitted surface
282.50	283.50	1.00	438529	0.065	Silica–Sodic alteration	1%	pitted surface
283.50	284.50	1.00	438531	0.380	Silica–Sodic alteration	0%	pitted surface
284.50	285.50	1.00	438532	0.132	Silica–Sodic alteration	0%	pitted surface
285.50	286.45	0.95	438533	0.137	Silica–Sodic alteration	0%	pitted surface
286.45	287.50	1.05	438534	0.242	Chloritic alteration	1%	pitted surface
287.50	288.50	1.00	438535	0.089	Chloritic alteration	1%	pitted surface
288.50	289.50	1.00	438537	0.009	Silicified	2%	
289.50	290.15	0.65	438538	3.350	Silica–Sodic alteration	1%	pitted surface
290.15	291.50	1.35	438539	0.117	Sericitic alteration	1%	
291.50	292.30	0.80	438540	0.099	Sericitic alteration	4%	
From	To		Lithologic Group				
292.30	297.60		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
292.30	293.50	1.20	438541	0.005	Chloritic alteration	0%	
293.50	294.50	1.00	438542	0.005	Chloritic alteration	1%	
294.50	295.50	1.00	438543	0.021	Chloritic alteration	0%	
295.50	296.50	1.00	438544	0.013	Chloritic alteration	0%	
296.50	297.60	1.10	438545	0.005	Chloritic alteration	1%	
From	To		Lithologic Group				
297.60	311.95		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
297.60	298.50	0.90	438546	0.057	Sericitic alteration	0%	
298.50	299.50	1.00	438547	0.089	Sericitic alteration	1%	
299.50	300.50	1.00	438549	0.194	Sericitic alteration	3%	
300.50	301.50	1.00	438551	0.113	Sericitic alteration	1%	
301.50	302.50	1.00	438552	0.176	Sericitic alteration	1%	
302.50	303.50	1.00	438553	0.060	Sericitic alteration	1%	pitted surface
303.50	304.50	1.00	438554	0.071	Sericitic alteration	4%	
304.50	305.50	1.00	438555	0.060	Sericitic alteration	4%	
305.50	306.50	1.00	438556	0.135	Sericitic alteration	1%	

306.50	307.50	1.00	438557	0.141	Sericitic alteration	2%
307.50	309.00	1.50	438558	0.037	Sericitic alteration	3%
309.00	310.50	1.50	438559	1.060	Sericitic alteration	6%
310.50	311.95	1.45	438561	0.053	Sericitic alteration	23%

From	To	Lithologic Group				
311.95	313.30	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
311.95	313.30	1.35	438562	0.010	Chloritic alteration	1%	

From	To	Lithologic Group				
313.30	370.70	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
313.30	314.00	0.70	438563	1.336	Sericitic alteration	1%	
314.00	315.00	1.00	438564	0.285	Sericitic alteration	1%	
315.00	316.00	1.00	438565	0.144	Sericitic alteration	0%	
316.00	317.00	1.00	438566	0.224	Sericitic alteration	1%	
317.00	318.00	1.00	438567	0.084	Sericitic alteration	2%	
318.00	319.50	1.50	438568	0.262	Sericitic alteration	1%	
319.50	320.55	1.05	438569	0.601	Sericitic alteration	2%	
320.55	321.55	1.00	438571	1.979	Sericitic alteration	2%	
321.55	322.50	0.95	438573	1.183	Sericitic alteration	1%	
322.50	323.50	1.00	438574	0.051	Sericitic alteration	3%	
323.50	324.50	1.00	438575	0.123	Sericitic alteration	1%	
324.50	325.50	1.00	438576	0.134	Sericitic alteration	1%	
325.50	326.50	1.00	438577	0.133	Sericitic alteration	3%	
326.50	327.50	1.00	438578	0.037	Sericitic alteration	1%	
327.50	328.50	1.00	438579	0.050	Sericitic alteration	1%	
328.50	329.50	1.00	438580	1.499	Silicified	2%	
329.50	330.50	1.00	438581	0.206	Sericitic alteration	2%	
330.50	331.50	1.00	438582	0.351	Sericitic alteration	1%	
331.50	332.50	1.00	438583	0.049	Sericitic alteration	1%	
332.50	333.50	1.00	438585	0.281	Sericitic alteration	1%	
333.50	334.50	1.00	438586	0.020	Sericitic alteration	2%	
334.50	335.50	1.00	438587	0.017	Sericitic alteration	12%	
335.50	336.50	1.00	438588	0.021	Sericitic alteration	1%	
336.50	337.50	1.00	438589	0.170	Sericitic alteration	4%	
337.50	338.50	1.00	438591	0.160	Silicified	3%	
338.50	339.50	1.00	438592	0.108	Sericitic alteration	2%	
339.50	340.50	1.00	438593	0.484	Sericitic alteration	2%	
340.50	341.50	1.00	438594	0.119	Sericitic alteration	2%	
341.50	342.50	1.00	438595	0.057	Sericitic alteration	2%	
342.50	343.50	1.00	438597	0.070	Sericitic alteration	1%	
343.50	344.50	1.00	438598	0.045	Sericitic alteration	1%	

344.50	345.50	1.00	438599	0.034	Silicified	1%
345.50	346.50	1.00	438600	0.018	Sericitic alteration	2%
346.50	347.50	1.00	438601	0.325	Sericitic alteration	2%
347.50	348.50	1.00	438603	0.196	Silicified	3%
348.50	349.50	1.00	438604	0.009	Sericitic alteration	0%
349.50	350.50	1.00	438605	0.007	Sericitic alteration	1%
350.50	351.50	1.00	438606	0.089	Sericitic alteration	1%
351.50	352.50	1.00	438607	0.021	Sericitic alteration	1%
352.50	353.50	1.00	438608	0.027	Sericitic alteration	1%
353.50	354.50	1.00	438609	0.011	Sericitic alteration	1%
354.50	355.50	1.00	438611	0.012	Sericitic alteration	2%
355.50	356.50	1.00	438613	0.015	Sericitic alteration	1%
356.50	357.50	1.00	438614	0.006	Sericitic alteration	1%
357.50	358.50	1.00	438615	0.123	Sericitic alteration	2%
358.50	359.50	1.00	438616	0.038	Sericitic alteration	2%
359.50	360.50	1.00	438617	0.022	Sericitic alteration	1%
360.50	361.50	1.00	438618	0.398	Sericitic alteration	1%
361.50	362.50	1.00	438619	0.285	Sericitic alteration	1%
362.50	363.50	1.00	438620	0.238	Sericitic alteration	1%
363.50	364.50	1.00	438621	0.316	Sericitic alteration	1%
364.50	365.50	1.00	438622	0.127	Sericitic alteration	1%
365.50	366.50	1.00	438623	0.142	Sericitic alteration	4%
366.50	367.50	1.00	438625	0.157	Sericitic alteration	1%
367.50	368.50	1.00	438626	0.041	Sericitic alteration	10%
368.50	369.50	1.00	438627	0.093	Sericitic alteration	13%
369.50	370.70	1.20	438628	0.084	Sericitic alteration	5%

From	To	Lithologic Group				
370.70	371.25	Lamprophyre Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
370.70	371.25	0.55	438629	0.005	Biotitic alteration	5%	

From	To	Lithologic Group				
371.25	387.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
371.25	372.50	1.25	438631	0.100	Sericitic alteration	3%	
372.50	373.50	1.00	438632	0.062	Sericitic alteration	1%	
373.50	374.50	1.00	438633	0.057	Sericitic alteration	13%	
374.50	375.50	1.00	438634	0.192	Sericitic alteration	2%	
375.50	376.50	1.00	438635	0.139	Sericitic alteration	1%	
376.50	377.50	1.00	438637	0.071	Sericitic alteration	3%	
377.50	378.50	1.00	438638	0.064	Sericitic alteration	2%	
378.50	379.50	1.00	438639	0.034	Sericitic alteration	1%	
379.50	380.50	1.00	438640	0.015	Sericitic alteration	5%	

380.50	381.50	1.00	438641	0.030	Sericitic alteration	1%
381.50	382.50	1.00	438642	0.138	Sericitic alteration	1%
382.50	383.50	1.00	438643	0.027	Sericitic alteration	2%
383.50	384.50	1.00	438644	0.079	Sericitic alteration	1%
384.50	385.50	1.00	438645	0.011	Sericitic alteration	3%
385.50	387.00	1.50	438646	0.026	Sericitic alteration	1%

From	To	Lithologic Group				
387.00	394.50	Tonalite 2				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
387.00	388.50	1.50	438647	0.750	Silicified	0%	< 5% Ton fragments in Ton 2 matrix
388.50	389.50	1.00	438649	0.112	Silicified	0%	
389.50	390.50	1.00	438651	0.129	Silicified	0%	
390.50	391.50	1.00	438652	0.223	Silicified	1%	
391.50	392.50	1.00	438653	0.261	Silicified	1%	
392.50	393.50	1.00	438654	0.169	Silicified	2%	
393.50	394.50	1.00	438655	0.539	Silicified	33%	33 cm VN01; < 5% Ton fragments in Ton 2 matrix

From	To	Lithologic Group				
394.50	440.75	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
394.50	395.50	1.00	438656	0.114	Sericitic alteration	2%	
395.50	396.50	1.00	438657	0.265	Sericitic alteration	2%	
396.50	397.50	1.00	438658	0.024	Sericitic alteration	1%	
397.50	398.50	1.00	438659	0.143	Sericitic alteration	1%	
398.50	399.50	1.00	438661	0.821	Sericitic alteration	2%	
399.50	400.50	1.00	438662	0.506	Sericitic alteration	1%	
400.50	401.55	1.05	438663	0.101	Sericitic alteration	5%	
401.55	402.50	0.95	438664	0.090	Sericitic alteration	1%	
402.50	403.50	1.00	438665	0.329	Sericitic alteration	1%	
403.50	404.50	1.00	438666	0.128	Sericitic alteration	1%	
404.50	405.50	1.00	438667	0.025	Sericitic alteration	1%	
405.50	406.50	1.00	438668	0.048	Sericitic alteration	1%	
406.50	407.50	1.00	438669	0.012	Sericitic alteration	1%	
407.50	408.50	1.00	438671	0.044	Sericitic alteration	1%	
408.50	409.50	1.00	438673	0.125	Sericitic alteration	5%	
409.50	410.50	1.00	438674	0.120	Sericitic alteration	4%	
410.50	411.50	1.00	438675	0.036	Sericitic alteration	1%	
411.50	412.50	1.00	438676	0.422	Sericitic alteration	2%	
412.50	413.50	1.00	438677	0.189	Sericitic alteration	3%	
413.50	414.50	1.00	438678	0.052	Sericitic alteration	1%	
414.50	415.50	1.00	438679	0.112	Sericitic alteration	4%	
415.50	416.45	0.95	438680	0.260	Sericitic alteration	3%	

416.45	417.50	1.05	438681	0.089	Sericitic alteration	7%	
417.50	418.50	1.00	438682	1.145	Sericitic alteration	5%	
418.50	419.50	1.00	438683	0.194	Sericitic alteration	0%	
419.50	420.50	1.00	438685	0.179	Sericitic alteration	2%	
420.50	421.50	1.00	438686	0.090	Sericitic alteration	3%	
421.50	422.50	1.00	438687	0.033	Sericitic alteration	2%	
422.50	423.50	1.00	438688	0.123	Sericitic alteration	2%	
423.50	424.50	1.00	438689	0.244	Sericitic alteration	5%	30 cm MafDk
424.50	425.50	1.00	438691	0.122	Sericitic alteration	10%	
425.50	426.50	1.00	438692	0.922	Sericitic alteration	2%	
426.50	427.50	1.00	438693	0.253	Sericitic alteration	3%	
427.50	428.50	1.00	438694	0.021	Sericitic alteration	1%	
428.50	429.50	1.00	438695	0.044	Sericitic alteration	1%	
429.50	430.50	1.00	438697	0.092	Sericitic alteration	1%	
430.50	431.50	1.00	438698	0.055	Sericitic alteration	1%	
431.50	432.50	1.00	438699	0.159	Sericitic alteration	2%	
432.50	433.50	1.00	438700	0.016	Sericitic alteration	1%	
433.50	434.85	1.35	438701	1.926	Sericitic alteration	15%	
434.85	435.50	0.65	438702	0.035	Sericitic alteration	1%	
435.50	436.50	1.00	438703	0.071	Sericitic alteration	1%	
436.50	437.50	1.00	438704	1.136	Sericitic alteration	1%	
437.50	438.50	1.00	438705	0.032	Sericitic alteration	2%	
438.50	439.50	1.00	438706	0.377	Sericitic alteration	1%	
439.50	440.75	1.25	438707	0.007	Sericitic alteration	1%	

From	To	Lithologic Group					
440.75	442.70	Lamprophyre Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
440.75	441.70	0.95	438708	0.074	Biotitic alteration	7%	25% Ton fragment
441.70	442.70	1.00	438709	0.135	Biotitic alteration	1%	

From	To	Lithologic Group					
442.70	444.80	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
442.70	443.70	1.00	438711	0.217	Sericitic alteration	1%	
443.70	444.80	1.10	438713	1.558	Sericitic alteration	2%	

From	To	Lithologic Group					
444.80	447.20	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
444.80	446.00	1.20	438714	1.937	Chloritic alteration	5%	
446.00	447.20	1.20	438715	0.517	Chloritic alteration	8%	

From	To	Lithologic Group					
447.20	451.85	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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447.20	448.50	1.30	438716	8.680	Sericitic alteration	2%	
448.50	449.15	0.65	438717	0.788	Sericitic alteration	1%	
449.15	450.20	1.05	438718	3.450	Sericitic alteration	50%	one VN04 subparallel TCA
450.20	451.05	0.85	438719	0.519	Sericitic alteration	25%	one VN04 subparallel TCA
451.05	451.85	0.80	438720	0.105	Sericitic alteration	10%	
From	To		Lithologic Group				
451.85	453.15		Lamprophyre Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
451.85	453.15	1.30	438721	0.022	Biotitic alteration	2%	
From	To		Lithologic Group				
453.15	456.30		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
453.15	454.50	1.35	438722	0.249	Sericitic alteration	1%	
454.50	455.50	1.00	438723	0.330	Sericitic alteration	1%	
455.50	456.30	0.80	438725	0.051	Sericitic alteration	2%	
From	To		Lithologic Group				
456.30	456.95		Lamprophyre Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
456.30	456.95	0.65	438726	0.017	Biotitic alteration	10%	
From	To		Lithologic Group				
456.95	466.50		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
456.95	457.50	0.55	438727	0.015	Sericitic alteration	10%	
457.50	458.50	1.00	438728	0.201	Sericitic alteration	2%	
458.50	459.50	1.00	438729	0.021	Sericitic alteration	1%	
459.50	460.50	1.00	438731	0.019	Sericitic alteration	1%	
460.50	461.50	1.00	438732	0.008	Sericitic alteration	1%	
461.50	462.50	1.00	438733	0.029	Sericitic alteration	1%	15% MafDk
462.50	463.50	1.00	438734	0.026	Sericitic alteration	1%	
463.50	464.55	1.05	438735	0.264	Sericitic alteration	2%	
464.55	465.50	0.95	438737	0.526	Sericitic alteration	5%	
465.50	466.50	1.00	438738	0.276	Sericitic alteration	2%	EOH

DRILL HOLE REPORT

Drill Hole **GOS21-79** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 317.0
 Dip -60.0
 Length 424.5 m
 Started 02-May-21
 Completed 14-May-21
 Logged 17-May-21
 Logged by Justin Bisailon
 Target
 Comments B.Tomczuk Logging 243m to EOH

Company
 Contractor Chenier Drilling Services
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Cemented

Survey Details:

Claim Number PAT-11117
 Property 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool GPS

Coordinates:

Easting 430659.74
 Northing 5267375.23
 UTM Datum NAD83
 UTM Zone 17 Elevation 397.98

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
20.0	317.54	-59.81	54571	RM	Good	53.0	317.62	-59.88	54785	RM	Good
23.0	317.59	-60.00	54805	RM	Good	56.0	317.75	-59.92	54808	RM	Good
26.0	317.31	-59.96	54879	RM	Good	59.0	317.68	-59.93	54903	RM	Good
29.0	316.55	-59.98	55118	RM	Good	62.0	317.50	-59.95	54834	RM	Good
32.0	315.78	-60.39	54968	RM	Good	65.0	317.56	-59.93	54970	RM	Good
35.0	316.54	-59.96	54977	RM	Good	68.0	317.50	-59.94	54968	RM	Good
38.0	316.58	-59.94	54957	RM	Good	71.0	317.38	-59.95	54811	RM	Good
41.0	316.32	-59.96	54956	RM	Good	74.0	317.49	-59.91	54801	RM	Good
47.0	317.04	-60.32	54749	RM	Good	77.0	318.39	-59.90	54858	RM	Good
50.0	317.41	-59.91	54889	RM	Good	80.0	318.38	-59.91	54826	RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
83.0	318.03	-59.93	54861	RM	Good
89.0	318.10	-59.91	55138	RM	Good
92.0	318.05	-59.85	55065	RM	Good
95.0	316.89	-59.90	54653	RM	Good
98.0	317.82	-59.88	54960	RM	Good
101.0	317.69	-59.87	54839	RM	Good
116.0	318.73	-59.82	55107	RM	Good
122.0	317.85	-59.81	55238	RM	Good
125.0	317.47	-59.75	55119	RM	Good
128.0	317.37	-59.78	55105	RM	Good
131.0	317.44	-59.76	55093	RM	Good
134.0	317.48	-59.75	55071	RM	Good
137.0	317.48	-59.73	55056	RM	Good
140.0	317.39	-59.76	55034	RM	Good
143.0	317.50	-59.68	55008	RM	Good
146.0	317.55	-59.59	55002	RM	Good
149.0	316.51	-60.20	54996	RM	Good
152.0	317.54	-59.62	55007	RM	Good
155.0	317.73	-59.56	55004	RM	Good
158.0	317.67	-59.60	54998	RM	Good
161.0	317.85	-59.57	55010	RM	Good
164.0	317.69	-59.70	55015	RM	Good
167.0	317.95	-59.51	55019	RM	Good
170.0	317.99	-59.51	55019	RM	Good
173.0	317.96	-59.50	55021	RM	Good
176.0	318.02	-59.49	55017	RM	Good
179.0	318.10	-59.44	55013	RM	Good
182.0	318.01	-59.46	55018	RM	Good
185.0	318.02	-59.45	55017	RM	Good
188.0	318.09	-59.40	55009	RM	Good
191.0	318.14	-59.38	55011	RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
194.0	318.17	-59.36	55019	RM	Good
197.0	318.15	-59.37	55019	RM	Good
200.0	318.27	-59.32	55005	RM	Good
203.0	318.26	-59.31	54996	RM	Good
206.0	318.84	-58.89	54990	RM	Good
209.0	318.22	-59.30	54988	RM	Good
212.0	318.35	-59.25	54990	RM	Good
215.0	318.16	-59.26	54911	RM	Good
218.0	318.29	-59.23	54911	RM	Good
221.0	318.42	-59.22	54956	RM	Good
224.0	318.56	-59.24	54958	RM	Good
227.0	318.43	-59.22	54939	RM	Good
230.0	318.48	-59.25	54970	RM	Good
233.0	318.47	-59.27	54950	RM	Good
236.0	318.57	-59.24	54973	RM	Good
239.0	318.61	-59.23	54975	RM	Good
242.0	318.52	-59.27	54959	RM	Good
245.0	318.78	-59.23	54949	RM	Good
248.0	318.88	-59.20	54949	RM	Good
251.0	318.82	-59.23	54934	RM	Good
254.0	318.89	-59.20	54963	RM	Good
257.0	318.94	-59.19	54970	RM	Good
260.0	318.99	-59.15	54979	RM	Good
263.0	319.10	-59.10	54988	RM	Good
266.0	318.87	-59.25	54992	RM	Good
269.0	319.09	-59.11	54993	RM	Good
272.0	319.22	-59.12	54984	RM	Good
275.0	319.26	-59.12	54994	RM	Good
278.0	319.39	-59.09	54996	RM	Good
281.0	319.44	-59.04	55009	RM	Good
284.0	319.46	-59.06	55012	RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
287.0	319.17	-59.22	55016	RM	Good
290.0	319.50	-59.01	55021	RM	Good
293.0	319.53	-59.04	55016	RM	Good
296.0	319.63	-58.97	55031	RM	Good
299.0	319.56	-58.96	55030	RM	Good
302.0	319.61	-58.92	55032	RM	Good
305.0	320.02	-58.59	55026	RM	Good
308.0	319.57	-58.91	55029	RM	Good
311.0	319.64	-58.84	55037	RM	Good
314.0	319.62	-58.84	55027	RM	Good
317.0	319.57	-58.83	55024	RM	Good
320.0	319.69	-58.79	55075	RM	Good
323.0	319.72	-58.78	55061	RM	Good
326.0	319.81	-58.71	55030	RM	Good
329.0	319.86	-58.70	55032	RM	Good
332.0	319.89	-58.65	55038	RM	Good
335.0	319.94	-58.59	55048	RM	Good
338.0	319.99	-58.62	55038	RM	Good
341.0	320.08	-58.61	55033	RM	Good
344.0	320.15	-58.60	55050	RM	Good
347.0	320.24	-58.56	55052	RM	Good
350.0	320.32	-58.49	55046	RM	Good
353.0	320.30	-58.48	55046	RM	Good
356.0	320.26	-58.45	55049	RM	Good
359.0	320.34	-58.37	55056	RM	Good
362.0	320.37	-58.33	55058	RM	Good
365.0	320.39	-58.29	55054	RM	Good
368.0	320.41	-58.27	55052	RM	Good
371.0	320.46	-58.24	55060	RM	Good
374.0	320.45	-58.23	55062	RM	Good
377.0	320.45	-58.22	55066	RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
380.0	320.59	-58.22	55071	RM	Good
383.0	320.63	-58.21	55084	RM	Good
386.0	320.68	-58.17	55108	RM	Good
389.0	320.70	-58.17	55127	RM	Good
392.0	319.41	-58.26	54867	RM	Good
395.0	320.79	-58.12	55095	RM	Good
398.0	320.72	-58.13	54988	RM	Good
401.0	320.87	-58.08	55097	RM	Good
404.0	320.75	-58.05	55064	RM	Good
407.0	320.93	-58.03	55123	RM	Good
410.0	320.27	-57.96	54927	RM	Good
413.0	321.16	-57.96	55118	RM	Good
416.0	320.83	-57.93	55083	RM	Good
419.0	320.66	-57.95	55143	RM	Good
422.0	319.91	-57.89	54650	RM	Good
424.5	320.02	-57.93	54894	RM	Good

From		To		Lithologic Group			
0.00		1.28		Overburden			
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	1.28	1.28			Unaltered	0%	
From		To		Lithologic Group			
1.28		21.00		Diabase			
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
1.28	2.00	0.72	437537	0.005	Epidote alteration	0%	medium grained, plagioclase phyric, massive, dark greenish grey
2.00	3.00	1.00	437538	0.005	Epidote alteration	0%	
3.00	19.00	16.00			Epidote alteration	0%	large interval of Diabase.
19.00	20.00	1.00	437539	0.005	Epidote alteration	0%	
20.00	21.00	1.00	437540	0.007	Epidote alteration	0%	
From		To		Lithologic Group			
21.00		88.99		Tonalite			
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
21.00	22.22	1.22	437541	0.167	Sericitic alteration	7%	medium grained, moderately foliated, light grey, equigranular
22.22	23.00	0.78	437542	0.196	Sericitic alteration	2%	
23.00	24.00	1.00	437543	0.416	Sericitic alteration	1%	
24.00	25.02	1.02	437544	0.297	Sericitic alteration	1%	
25.02	25.95	0.93	437545	0.526	Sericitic alteration	7%	
25.95	27.00	1.05	437546	0.491	Sericitic alteration	9%	
27.00	27.99	0.99	437547	0.739	Silicified	3%	VG in vein at 27.45m
27.99	29.00	1.01	437549	0.129	Sericitic alteration	3%	
29.00	30.00	1.00	437551	1.708	Sericitic alteration	9%	VG in vein 29.91m
30.00	31.00	1.00	437553	0.599	Sericitic alteration	7%	
31.00	32.00	1.00	437554	1.109	Silicified	3%	
32.00	33.00	1.00	437555	0.081	Silicified	4%	
33.00	34.00	1.00	437556	0.169	Silicified	3%	
34.00	35.16	1.16	437557	0.163	Silicified	3%	
35.16	35.93	0.77	437558	0.140	Silicified	2%	
35.93	37.17	1.24	437559	0.066	Silicified	3%	
37.17	38.02	0.85	437561	0.106	Silicified	2%	
38.02	38.91	0.89	437562	0.203	Sericitic alteration	3%	
38.91	40.00	1.09	437563	0.158	Sericitic alteration	4%	
40.00	41.02	1.02	437564	0.112	Sericitic alteration	4%	
41.02	42.00	0.98	437565	0.076	Sericitic alteration	2%	

42.00	43.00	1.00	437566	0.519	Sericitic alteration	7%	
43.00	44.05	1.05	437567	0.089	Sericitic alteration	11%	
44.05	45.00	0.95	437568	0.035	Sericitic alteration	2%	15cm Diabase cutting through Tonalite
45.00	46.00	1.00	437569	0.120	Sericitic alteration	10%	
46.00	47.04	1.04	437571	0.050	Sericitic alteration	5%	
47.04	48.00	0.96	437573	0.041	Sericitic alteration	2%	
48.00	49.03	1.03	437574	0.289	Sericitic alteration	8%	
49.03	49.92	0.89	437575	0.032	Sericitic alteration	2%	
49.92	51.00	1.08	437576	0.970	Silicified	7%	
51.00	52.07	1.07	437577	0.568	Silicified	5%	
52.07	53.00	0.93	437578	0.159	Sericitic alteration	3%	
53.00	54.00	1.00	437579	0.419	Silicified	4%	
54.00	55.00	1.00	437580	1.158	Sericitic alteration	3%	alteration mostly mत्व, inequigranular
55.00	55.61	0.61	437581	0.702	Silicified	3%	
55.61	56.12	0.51	437582	0.024	Silicified	3%	
56.12	57.00	0.88	437583	0.085	Silicified	6%	
57.00	57.93	0.93	437585	0.323	Silicified	5%	
57.93	59.26	1.33	437586	7.260	Sericitic alteration	15%	few specs of VG in vein at 58.96m and 58.98m
59.26	60.00	0.74	437588	69.400	Sericitic alteration	13%	few specs of VG in vein at 59.52m
60.00	61.00	1.00	437591	0.358	Sericitic alteration	10%	
61.00	61.70	0.70	437592	0.113	Sericitic alteration	10%	
61.70	63.00	1.30	437593	0.711	Silicified	9%	13cm mafic dyke at 62.5m
63.00	64.00	1.00	437594	7.230	Sericitic alteration	7%	
64.00	64.92	0.92	437595	0.027	Sericitic alteration	5%	
64.92	66.00	1.08	437597	0.025	Sericitic alteration	7%	
66.00	66.98	0.98	437598	0.025	Sericitic alteration	7%	brown mineral in vein at 66.85
66.98	68.00	1.02	437599	0.194	Sericitic alteration	6%	
68.00	69.00	1.00	437600	0.132	Sericitic alteration	3%	
69.00	70.00	1.00	437601	0.073	Sericitic alteration	3%	
70.00	71.00	1.00	437602	0.011	Sericitic alteration	4%	
71.00	72.00	1.00	437603	0.033	Sericitic alteration	2%	
72.00	72.93	0.93	437604	0.302	Silicified	2%	
72.93	74.13	1.20	437605	0.031	Silicified	9%	
74.13	75.21	1.08	437606	0.668	Sericitic alteration	5%	VG in vein at 75.03m
75.21	76.35	1.14	437608	31.100	Sericitic alteration	9%	VG in vein at 76.20m
76.35	77.00	0.65	437611	0.838	Silicified	1%	50% diabase dike, py on contact
77.00	78.00	1.00	437613	0.128	Silicified	2%	
78.00	78.55	0.55	437614	0.125	Silicified	1%	
78.55	80.00	1.45	437615	0.253	Sericitic alteration	4%	
80.00	80.50	0.50	437616	0.123	Sericitic alteration	3%	

80.50	81.00	0.50	437617	0.030	Sericitic alteration	1%	
81.00	82.00	1.00	437618	0.151	Sericitic alteration	2%	
82.00	83.00	1.00	437619	1.296	Sericitic alteration	2%	40% mafic dyke
83.00	84.00	1.00	437620	0.278	Silicified	1%	small mafic xenoliths
84.00	85.02	1.02	437621	0.105	Chloritic alteration	1%	
85.02	86.04	1.02	437622	4.310	Chloritic alteration	5%	
86.04	87.09	1.05	437623	0.329	Silicified	8%	
87.09	88.03	0.94	437625	0.811	Sericitic alteration	6%	
88.03	88.99	0.96	437626	0.122	Chloritic alteration	2%	
From	To	Lithologic Group					
88.99	92.50	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
88.99	90.00	1.01	437627	0.555	Chloritic alteration	1%	medium to coarse grained, inequigranular, massive, dark grey
90.00	90.99	0.99	437628	0.150	Chloritic alteration	1%	25cm mafic dyke at 90m,
90.99	92.50	1.51	437629	0.434	Chloritic alteration	2%	
From	To	Lithologic Group					
92.50	93.89	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
92.50	93.06	0.56	437631	0.032	Sericitic alteration	2%	medium grained, inequigranular, massive, light grey
93.06	93.89	0.83	437632	0.087	Sericitic alteration	2%	
From	To	Lithologic Group					
93.89	97.15	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
93.89	94.83	0.94	437633	0.064	Chloritic alteration	2%	medium grained, inequigranular, massive, dark greenish grey
94.83	96.00	1.17	437634	2.244	Chloritic alteration	3%	
96.00	97.15	1.15	437635	0.054	Chloritic alteration	1%	
From	To	Lithologic Group					
97.15	112.85	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
97.15	98.00	0.85	437637	0.022	Sericitic alteration	12%	medium grained, massive, light grey, equigranular
98.00	99.00	1.00	437638	0.698	Sericitic alteration	5%	
99.00	99.99	0.99	437639	0.528	Sericitic alteration	4%	
99.99	101.08	1.09	437640	1.249	Sericitic alteration	6%	
101.08	102.00	0.92	437641	0.189	Sericitic alteration	4%	
102.00	103.01	1.01	437642	2.060	Sericitic alteration	4%	23cm mafic dyke
103.01	104.15	1.14	437643	0.750	Silicified	6%	39cm of mafic dykes.
104.15	105.00	0.85	437644	0.468	Sericitic alteration	3%	

105.00	106.00	1.00	437645	0.251	Sericitic alteration	2%	
106.00	106.67	0.67	437646	0.454	Sericitic alteration	2%	
106.67	108.00	1.33	437647	2.827	Sericitic alteration	3%	VG in vein at 106.8m
108.00	109.00	1.00	437649	0.104	Sericitic alteration	4%	
109.00	110.03	1.03	437651	0.829	Sericitic alteration	2%	
110.03	111.00	0.97	437652	0.428	Sericitic alteration	5%	20cm of Diorite intruding ton
111.00	112.00	1.00	437653	0.258	Sericitic alteration	3%	
112.00	112.85	0.85	437654	0.157	Sericitic alteration	1%	

From	To	Lithologic Group					
112.85	163.76	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
112.85	114.00	1.15	437655	0.005	Chloritic alteration	1%	medium grained, massive, dark grey, equigranular
114.00	115.00	1.00	437656	0.005	Chloritic alteration	1%	
115.00	116.00	1.00	437657	0.005	Chloritic alteration	1%	
116.00	117.07	1.07	437658	0.005	Chloritic alteration	8%	
117.07	118.00	0.93	437659	0.005	Chloritic alteration	20%	
118.00	119.05	1.05	437661	0.009	Biotitic alteration	1%	
119.05	120.10	1.05	437662	0.005	Chloritic alteration	1%	
120.10	120.98	0.88	437663	0.015	Biotitic alteration	4%	
120.98	121.54	0.56	437664	0.005	Chloritic alteration	1%	
121.54	123.00	1.46	437665	0.062	Chloritic alteration	1%	
123.00	124.46	1.46	437666	0.241	Chloritic alteration	5%	
124.46	125.68	1.22	437667	0.044	Chloritic alteration	5%	
125.68	127.00	1.32	437668	0.005	Chloritic alteration	2%	
127.00	128.10	1.10	437669	0.005	Chloritic alteration	4%	
128.10	129.00	0.90	437671	0.005	Chloritic alteration	3%	
129.00	130.00	1.00	437673	0.799	Chloritic alteration	9%	2 pyrite rich veins
130.00	131.00	1.00	437674	0.381	Chloritic alteration	3%	2 shallow angle veins
131.00	131.65	0.65	437675	0.125	Chloritic alteration	5%	
131.65	132.90	1.25	437676	0.005	Chloritic alteration	1%	
132.90	134.00	1.10	437677	0.005	Chloritic alteration	5%	
134.00	135.00	1.00	437678	0.005	Chloritic alteration	1%	dark green
135.00	136.00	1.00	437679	0.005	Chloritic alteration	1%	
136.00	137.00	1.00	437680	0.093	Chloritic alteration	1%	
137.00	138.00	1.00	437681	0.090	Chloritic alteration	3%	
138.00	139.00	1.00	437682	0.399	Chloritic alteration	1%	
139.00	140.00	1.00	437683	0.060	Chloritic alteration	1%	
140.00	141.00	1.00	437685	0.482	Chloritic alteration	4%	
141.00	142.00	1.00	437686	0.051	Chloritic alteration	0%	
142.00	143.00	1.00	437687	0.176	Chloritic alteration	2%	
143.00	144.00	1.00	437688	0.193	Chloritic alteration	6%	
144.00	144.94	0.94	437689	21.700	Biotitic alteration	4%	

144.94	146.07	1.13	437691	3.070	Biotitic alteration	10%	coarse grained with more quartz
146.07	147.00	0.93	437692	0.134	Chloritic alteration	4%	medium grained
147.00	148.00	1.00	437693	3.270	Biotitic alteration	3%	
148.00	148.56	0.56	437694	2.982	Chloritic alteration	5%	
148.56	150.00	1.44	437695	2.009	Chloritic alteration	12%	VG in vein at 148.75m
150.00	151.00	1.00	437697	0.631	Chloritic alteration	1%	
151.00	152.00	1.00	437698	1.738	Chloritic alteration	4%	
152.00	153.00	1.00	437699	1.449	Chloritic alteration	2%	
153.00	154.00	1.00	437700	0.247	Chloritic alteration	1%	
154.00	155.00	1.00	437701	0.247	Chloritic alteration	1%	coarse grained
155.00	156.00	1.00	437702	0.149	Chloritic alteration	1%	medium grained
156.00	157.02	1.02	437703	0.723	Chloritic alteration	0%	
157.02	158.00	0.98	437704	3.640	Chloritic alteration	1%	
158.00	159.00	1.00	437705	0.031	Chloritic alteration	1%	
159.00	160.03	1.03	437706	0.019	Chloritic alteration	1%	
160.03	161.00	0.97	437707	0.766	Chloritic alteration	0%	
161.00	162.50	1.50	437708	1.335	Chloritic alteration	7%	VG in vein at 162.46m
162.50	163.00	0.50	437711	26.000	Chloritic alteration	5%	
163.00	163.76	0.76	437713	0.165	Chloritic alteration	1%	

From	To	Lithologic Group					
163.76	165.64	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
163.76	165.00	1.24	437714	1.019	Silicified	10%	medium grained, light grey equigranular, massive
165.00	165.64	0.64	437715	0.461	Silicified	2%	

From	To	Lithologic Group					
165.64	166.84	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
165.64	166.84	1.20	437716	0.300	Chloritic alteration	2%	coarse grained, massive, inequigranular, dark greenish grey

From	To	Lithologic Group					
166.84	179.28	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
166.84	168.00	1.16	437717	0.312	Silicified	10%	medium grained, light grey equigranular, intense fracturing
168.00	168.97	0.97	437718	0.449	Silicified	7%	
168.97	169.99	1.02	437719	0.254	Silicified	4%	
169.99	171.00	1.01	437720	0.662	Silicified	6%	
171.00	172.07	1.07	437721	0.638	Silicified	1%	
172.07	173.00	0.93	437722	0.065	Silicified	4%	
173.00	174.00	1.00	437723	0.147	Silicified	7%	
174.00	175.10	1.10	437725	0.278	Silicified	30%	

175.10	175.93	0.83	437726	0.296	Silicified	2%
175.93	177.12	1.19	437727	0.645	Silicified	16%
177.12	178.03	0.91	437728	0.059	Silicified	4%
178.03	179.28	1.25	437729	0.231	Silicified	4%

From	To	Lithologic Group				
179.28	196.15	Diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
179.28	180.00	0.72	437731	1.020	Chloritic alteration	2%	medium grained, massive, dark greenish grey, equigranular
180.00	180.88	0.88	437732	2.134	Biotitic alteration	3%	
180.88	182.00	1.12	437733	0.100	Chloritic alteration	2%	fine grained
182.00	183.00	1.00	437734	0.009	Chloritic alteration	2%	fine to medium grained
183.00	183.77	0.77	437735	0.005	Chloritic alteration	4%	
183.77	185.00	1.23	437737	0.005	Chloritic alteration	1%	medium grained
185.00	186.00	1.00	437738	0.005	Chloritic alteration	1%	
186.00	187.02	1.02	437739	0.005	Chloritic alteration	1%	
187.02	188.00	0.98	437740	0.005	Chloritic alteration	1%	
188.00	189.00	1.00	437741	0.042	Chloritic alteration	1%	
189.00	190.02	1.02	437742	0.709	Chloritic alteration	2%	
190.02	191.00	0.98	437743	0.903	Chloritic alteration	2%	
191.00	192.00	1.00	437744	1.750	Chloritic alteration	3%	
192.00	193.00	1.00	437745	0.503	Chloritic alteration	1%	
193.00	194.00	1.00	437746	2.410	Chloritic alteration	2%	
194.00	195.00	1.00	437747	0.797	Chloritic alteration	3%	
195.00	196.15	1.15	437749	0.235	Chloritic alteration	2%	

From	To	Lithologic Group				
196.15	196.70	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
196.15	196.70	0.55	437751	0.026	Chloritic alteration	1%	foliated, dark greenish grey with red, medium grained

From	To	Lithologic Group				
196.70	212.00	Diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
196.70	198.00	1.30	437752	0.172	Chloritic alteration	1%	medium grained, massive, dark greenish grey, equigranular
198.00	199.09	1.09	437753	0.180	Chloritic alteration	5%	35cm mafic dike, hem staining in dike
199.09	200.00	0.91	437754	0.201	Chloritic alteration	3%	
200.00	201.00	1.00	437755	0.396	Chloritic alteration	2%	35cm tonalite dyke
201.00	202.00	1.00	437756	0.150	Chloritic alteration	1%	
202.00	203.00	1.00	437757	0.054	Chloritic alteration	1%	
203.00	204.00	1.00	437758	0.195	Chloritic alteration	2%	
204.00	205.28	1.28	437759	0.258	Chloritic alteration	4%	

205.28	206.00	0.72	437761	1.957	Chloritic alteration	16%	
206.00	207.00	1.00	437762	11.000	Chloritic alteration	6%	fine grained, weakly foliated,
207.00	207.85	0.85	437763	0.895	Chloritic alteration	5%	
207.85	208.84	0.99	437764	1.202	Chloritic alteration	8%	
208.84	210.00	1.16	437765	0.146	Chloritic alteration	1%	medium to coarse grained, massive
210.00	211.08	1.08	437766	0.258	Chloritic alteration	1%	
211.08	212.00	0.92	437767	0.040	Chloritic alteration	1%	
From 212.00	To 214.00		Lithologic Group Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
212.00	213.00	1.00	437768	0.125	Chloritic alteration	1%	
213.00	214.00	1.00	437769	0.105	Chloritic alteration	0%	
From 214.00	To 214.82		Lithologic Group Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
214.00	214.82	0.82	437771	0.223	Chloritic alteration	1%	
From 214.82	To 220.05		Lithologic Group Tonalite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
214.82	216.00	1.18	437773	0.124	Sericitic alteration	1%	90% matrix and 10% frags, small mafic dyke cutting through
216.00	217.00	1.00	437774	0.084	Silicified	1%	70% medium grained, equigranular, light pinkish grey matrix, 30% fine grained, dark grey Dr frags
217.00	218.16	1.16	437775	0.021	Silicified	1%	70% medium grained, equigranular, light pinkish grey matrix, 30% fine grained, dark grey Dr frags
218.16	219.00	0.84	437776	0.091	Silicified	1%	80% ton matrix and 20% dr frags
219.00	220.05	1.05	437777	0.062	Silicified	1%	90% ton matrix and 10% dr frags
From 220.05	To 269.85		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
220.05	221.00	0.95	437778	0.043	Silicified	1%	medium grained, equigranular, massive, light pinkish grey, under 5% dr frags
221.00	222.00	1.00	437779	0.124	Silicified	1%	
222.00	223.00	1.00	437780	4.810	Silicified	1%	
223.00	224.00	1.00	437781	0.208	Silicified	2%	
224.00	225.00	1.00	437782	0.048	Silicified	1%	
225.00	226.00	1.00	437783	1.491	Silicified	1%	

226.00	227.00	1.00	437785	0.094	Silicified	1%	
227.00	228.00	1.00	437786	0.005	Silicified	2%	
228.00	229.10	1.10	437787	0.016	Silicified	2%	
229.10	230.00	0.90	437788	0.038	Silicified	1%	
230.00	231.00	1.00	437789	0.057	Silicified	1%	
231.00	232.00	1.00	437791	0.050	Sericitic alteration	1%	
232.00	233.00	1.00	437792	0.005	Sericitic alteration	2%	10cm mafic dike
233.00	234.38	1.38	437793	0.032	Sericitic alteration	4%	VG in vein at 234.2m
234.38	235.00	0.62	437795	2.780	Sericitic alteration	1%	
235.00	236.00	1.00	437797	0.086	Sericitic alteration	1%	
236.00	237.00	1.00	437798	0.213	Sericitic alteration	4%	
237.00	238.00	1.00	437799	0.735	Sericitic alteration	3%	
238.00	239.15	1.15	437800	0.097	Silicified	7%	18cm of possible HdBx,
239.15	240.00	0.85	437801	0.021	Silicified	1%	
240.00	241.00	1.00	437802	0.047	Silicified	1%	
241.00	242.00	1.00	437803	0.064	Sericitic alteration	2%	
242.00	243.00	1.00	437804	0.561	Sericitic alteration	5%	
243.00	244.00	1.00	437805	0.069	Silicified	3%	
244.00	245.00	1.00	437806	0.427	Silicified	9%	
245.00	246.00	1.00	437807	0.052	Silicified	5%	
246.00	247.00	1.00	437808	0.020	Silicified	7%	
247.00	248.00	1.00	437809	0.095	Silicified	2%	
248.00	249.00	1.00	437811	0.042	Silicified	2%	
249.00	250.00	1.00	437813	0.048	Silicified	0%	
250.00	251.00	1.00	437814	0.048	Silicified	1%	
251.00	252.00	1.00	437815	0.042	Silicified	1%	
252.00	253.00	1.00	437816	0.021	Silicified	1%	
253.00	254.00	1.00	437817	0.020	Chloritic alteration	2%	contains 43cm mafic dyke; % based on 57% remaining wallrock
254.00	255.00	1.00	437818	2.715	Silicified	0%	
255.00	256.00	1.00	437819	0.025	Silicified	1%	
256.00	257.00	1.00	437820	0.050	Silicified	1%	
257.00	258.00	1.00	437821	0.246	Silicified	1%	
258.00	259.00	1.00	437822	0.564	Silicified	2%	
259.00	260.15	1.15	437823	2.508	Sericitic alteration	2%	
260.15	261.00	0.85	437825	0.356	Sericitic alteration	1%	
261.00	262.00	1.00	437826	25.200	Sericitic alteration	8%	
262.00	263.00	1.00	437827	0.241	Sericitic alteration	2%	
263.00	264.00	1.00	437828	0.092	Sericitic alteration	1%	
264.00	265.00	1.00	437829	0.028	Silicified	1%	
265.00	266.00	1.00	437831	0.023	Silicified	1%	
266.00	267.00	1.00	437832	0.013	Silicified	1%	

267.00	268.00	1.00	437833	0.016	Sericitic alteration	2%
268.00	269.00	1.00	437834	0.005	Sericitic alteration	5%
269.00	269.85	0.85	437835	0.015	Sericitic alteration	1%

From	To	Lithologic Group				
269.85	270.45	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
269.85	270.45	0.60	437837	0.008	Chloritic alteration	5%	fg, drk grn, mass, faulted at lower contact, non-magnetic

From	To	Lithologic Group				
270.45	327.05	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
270.45	272.00	1.55	437838	0.012	Biotitic alteration	1%	mg, massive, equigranular, pinkish-gry, non-magnetic
272.00	273.00	1.00	437839	0.010	Biotitic alteration	0%	
273.00	274.00	1.00	437840	0.231	Sericitic alteration	4%	
274.00	275.00	1.00	437841	0.036	Sericitic alteration	1%	
275.00	276.00	1.00	437842	0.022	Biotitic alteration	1%	
276.00	277.00	1.00	437843	0.007	Biotitic alteration	1%	
277.00	278.00	1.00	437844	0.017	Biotitic alteration	0%	
278.00	279.00	1.00	437845	0.007	Sericitic alteration	1%	
279.00	280.00	1.00	437846	0.013	Sericitic alteration	1%	
280.00	281.00	1.00	437847	0.025	Biotitic alteration	1%	
281.00	282.00	1.00	437849	0.008	Biotitic alteration	1%	
282.00	283.00	1.00	437851	0.014	Sericitic alteration	1%	
283.00	284.00	1.00	437852	0.017	Biotitic alteration	1%	
284.00	285.00	1.00	437853	0.009	Biotitic alteration	2%	
285.00	286.00	1.00	437854	0.024	Sericitic alteration	1%	
286.00	287.00	1.00	437855	0.010	Sericitic alteration	1%	
287.00	288.00	1.00	437856	0.013	Biotitic alteration	0%	
288.00	289.00	1.00	437857	0.007	Sericitic alteration	1%	
289.00	290.00	1.00	437858	0.014	Sericitic alteration	3%	
290.00	291.00	1.00	437859	0.019	Sericitic alteration	0%	
291.00	292.00	1.00	437861	0.008	Biotitic alteration	0%	
292.00	293.00	1.00	437862	0.022	Biotitic alteration	0%	
293.00	294.00	1.00	437863	1.409	Biotitic alteration	0%	
294.00	295.00	1.00	437864	0.013	Biotitic alteration	0%	
295.00	296.00	1.00	437865	0.063	Chloritic alteration	0%	
296.00	297.00	1.00	437866	0.010	Chloritic alteration	0%	
297.00	298.00	1.00	437867	0.007	Chloritic alteration	1%	
298.00	299.00	1.00	437868	0.007	Chloritic alteration	1%	
299.00	300.00	1.00	437869	0.013	Chloritic alteration	0%	
300.00	301.00	1.00	437871	0.028	Chloritic alteration	0%	
301.00	302.00	1.00	437873	0.035	Chloritic alteration	2%	

302.00	303.00	1.00	437874	0.011	Chloritic alteration	0%
303.00	304.00	1.00	437875	0.046	Chloritic alteration	1%
304.00	305.00	1.00	437876	0.055	Sericitic alteration	1%
305.00	306.00	1.00	437877	0.017	Chloritic alteration	0%
306.00	307.00	1.00	437878	3.000	Sericitic alteration	3%
307.00	308.00	1.00	437879	0.027	Chloritic alteration	0%
308.00	309.00	1.00	437880	0.017	Chloritic alteration	1%
309.00	310.00	1.00	437881	0.067	Chloritic alteration	1%
310.00	311.00	1.00	437882	0.046	Biotitic alteration	0%
311.00	312.00	1.00	437883	0.024	Biotitic alteration	1%
312.00	313.00	1.00	437885	0.016	Biotitic alteration	0%
313.00	314.00	1.00	437886	0.012	Biotitic alteration	0%
314.00	315.00	1.00	437887	0.064	Biotitic alteration	0%
315.00	316.00	1.00	437888	0.008	Biotitic alteration	1%
316.00	317.00	1.00	437889	0.005	Biotitic alteration	1%
317.00	318.00	1.00	437891	0.030	Biotitic alteration	1%
318.00	319.00	1.00	437892	0.005	Biotitic alteration	1%
319.00	320.00	1.00	437893	0.013	Biotitic alteration	1%
320.00	321.00	1.00	437894	0.238	Biotitic alteration	1%
321.00	322.00	1.00	437895	0.847	Biotitic alteration	2%
322.00	323.00	1.00	437897	0.196	Biotitic alteration	1%
323.00	324.00	1.00	437898	0.039	Biotitic alteration	1%
324.00	325.00	1.00	437899	0.149	Biotitic alteration	0%
325.00	326.00	1.00	437900	0.783	Sericitic alteration	3%
326.00	327.05	1.05	437901	0.092	Biotitic alteration	1%

From	To	Lithologic Group				
327.05	328.20	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
327.05	328.20	1.15	437902	0.005	Chloritic alteration	3%	fg, drk grn, non-mag, shrp contacts, vwky loc shrd

From	To	Lithologic Group				
328.20	380.30	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
328.20	329.00	0.80	437903	0.539	Silicified	5%	mg, massive, equigranular, pinkish-gry, non-magnetic
329.00	330.00	1.00	437904	1.231	Biotitic alteration	2%	
330.00	331.00	1.00	437905	0.222	Chloritic alteration	2%	
331.00	332.00	1.00	437906	0.052	Sericitic alteration	1%	
332.00	333.00	1.00	437907	0.135	Sericitic alteration	1%	
333.00	334.00	1.00	437908	0.046	Sericitic alteration	2%	
334.00	335.00	1.00	437909	0.010	Chloritic alteration	1%	
335.00	336.00	1.00	437911	0.131	Sericitic alteration	0%	
336.00	337.00	1.00	437913	0.249	Sericitic alteration	2%	

337.00	338.00	1.00	437914	0.123	Sericitic alteration	4%
338.00	339.00	1.00	437915	0.151	Sericitic alteration	5%
339.00	340.00	1.00	437916	0.219	Sericitic alteration	6%
340.00	341.00	1.00	437917	0.115	Sericitic alteration	2%
341.00	342.00	1.00	437918	0.144	Sericitic alteration	1%
342.00	343.00	1.00	437919	0.105	Sericitic alteration	1%
343.00	344.00	1.00	437920	0.281	Sericitic alteration	1%
344.00	345.00	1.00	437921	0.129	Sericitic alteration	1%
345.00	346.00	1.00	437922	0.099	Sericitic alteration	1%
346.00	347.00	1.00	437923	0.206	Sericitic alteration	1%
347.00	348.00	1.00	437925	0.259	Sericitic alteration	1%
348.00	349.00	1.00	437926	0.909	Sericitic alteration	1%
349.00	350.00	1.00	437927	4.820	Sericitic alteration	8%
350.00	351.00	1.00	437928	0.367	Sericitic alteration	1%
351.00	352.00	1.00	437929	1.332	Sericitic alteration	3%
352.00	353.00	1.00	437931	0.262	Sericitic alteration	1%
353.00	354.00	1.00	437932	0.438	Sericitic alteration	2%
354.00	355.00	1.00	437933	0.424	Sericitic alteration	3%
355.00	356.00	1.00	437934	0.038	Sericitic alteration	1%
356.00	357.00	1.00	437935	0.348	Sericitic alteration	1%
357.00	358.00	1.00	437937	0.438	Sericitic alteration	1%
358.00	359.00	1.00	437938	0.129	Sericitic alteration	0%
359.00	360.00	1.00	437939	0.181	Sericitic alteration	2%
360.00	361.00	1.00	437940	0.058	Sericitic alteration	1%
361.00	362.00	1.00	437941	0.032	Sericitic alteration	1%
362.00	363.00	1.00	437942	1.125	Sericitic alteration	2%
363.00	364.00	1.00	437943	0.146	Silicified	1%
364.00	365.00	1.00	437944	0.165	Silicified	3%
365.00	366.00	1.00	437945	0.381	Silicified	2%
366.00	367.00	1.00	437946	0.104	Sericitic alteration	1%
367.00	368.00	1.00	437947	0.011	Chloritic alteration	1%
368.00	369.00	1.00	437949	0.167	Chloritic alteration	0%
369.00	370.10	1.10	437951	0.121	Chloritic alteration	1%
370.10	371.00	0.90	437952	0.021	Chloritic alteration	0%
371.00	372.00	1.00	437953	0.095	Chloritic alteration	0%
372.00	373.00	1.00	437954	1.720	Chloritic alteration	0%
373.00	374.00	1.00	437955	0.023	Chloritic alteration	1%
374.00	375.00	1.00	437956	0.005	Chloritic alteration	0%
375.00	376.00	1.00	437957	0.005	Chloritic alteration	0%
376.00	377.00	1.00	437958	0.014	Chloritic alteration	0%
377.00	378.00	1.00	437959	0.268	Chloritic alteration	1%
378.00	379.00	1.00	437961	1.500	Chloritic alteration	0%

379.00	380.30	1.30	437962	0.063	Chloritic alteration	2%	
From	To		Lithologic Group				
380.30	381.35		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
380.30	381.35	1.05	437963	0.007	Chloritic alteration	6%	fg, drk grn, wk-mod foliated, non-magnetic
From	To		Lithologic Group				
381.35	382.30		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
381.35	382.30	0.95	437964	0.009	Sericitic alteration	7%	mg, mass, gry, non-magnetic
From	To		Lithologic Group				
382.30	383.10		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
382.30	383.10	0.80	437965	0.016	Chloritic alteration	8%	fg, drk grn, wk-mod foliated, non-magnetic
From	To		Lithologic Group				
383.10	392.90		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
383.10	384.00	0.90	437966	0.081	Sericitic alteration	2%	mg, mass, pinkish-gry, non-magnetic
384.00	385.00	1.00	437967	0.058	Sericitic alteration	1%	
385.00	386.00	1.00	437968	0.005	Sericitic alteration	1%	
386.00	387.00	1.00	437969	0.135	Biotitic alteration	0%	
387.00	388.00	1.00	437971	0.005	Biotitic alteration	1%	
388.00	389.00	1.00	437973	0.009	Biotitic alteration	1%	
389.00	390.00	1.00	437974	0.043	Biotitic alteration	2%	
390.00	391.00	1.00	437975	0.009	Biotitic alteration	1%	
391.00	392.00	1.00	437976	0.035	Sericitic alteration	0%	
392.00	392.90	0.90	437977	0.081	Biotitic alteration	4%	
From	To		Lithologic Group				
392.90	393.40		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
392.90	393.40	0.50	437978	0.005	Chloritic alteration	0%	mg, drk grn-blk, non-mag, fg, shrp contacts, vwky fol at contacts
From	To		Lithologic Group				
393.40	402.80		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
393.40	394.50	1.10	437979	0.882	Chloritic alteration	0%	mg, pink-grn-gry, vuggy/porous, non-magnetic, mass
394.50	395.50	1.00	437980	0.084	Chloritic alteration	0%	
395.50	396.50	1.00	437981	0.457	Biotitic alteration	0%	
396.50	397.50	1.00	437982	0.029	Chloritic alteration	0%	

397.50	398.50	1.00	437983	0.068	Biotitic alteration	0%	
398.50	399.80	1.30	437985	0.063	Biotitic alteration	1%	
399.80	401.00	1.20	437986	0.042	Chloritic alteration	1%	
401.00	402.00	1.00	437987	0.130	Chloritic alteration	1%	
402.00	402.80	0.80	437988	0.020	Chloritic alteration	1%	

From	To	Lithologic Group					
402.80	404.80	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
402.80	404.00	1.20	437989	0.043	Chloritic alteration	5%	fg, drk grn-blk, vwky fol, non-mag
404.00	404.80	0.80	437991	0.005	Chloritic alteration	1%	

From	To	Lithologic Group					
404.80	412.60	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
404.80	406.00	1.20	437992	0.030	Sericitic alteration	3%	mg, pink-gry, mg, mass, non-magnetic
406.00	407.00	1.00	437993	0.018	Sericitic alteration	1%	
407.00	408.00	1.00	437994	0.020	Chloritic alteration	1%	
408.00	409.00	1.00	437995	0.028	Chloritic alteration	2%	
409.00	410.00	1.00	437997	0.012	Sericitic alteration	5%	
410.00	411.00	1.00	437998	0.223	Sericitic alteration	4%	
411.00	412.60	1.60	437999	0.051	Sericitic alteration	5%	

From	To	Lithologic Group					
412.60	416.10	Lamprophyre Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
412.60	414.00	1.40	438000	0.005	Biotitic alteration	3%	fg, drk gry to grn w mg bi xls, mod to strong sheared at times, non-magnetic
414.00	415.00	1.00	431326	0.005	Chloritic alteration	7%	
415.00	416.10	1.10	431327	0.005	Chloritic alteration	5%	

From	To	Lithologic Group					
416.10	424.50	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
416.10	417.00	0.90	431328	0.015	Biotitic alteration	3%	
417.00	418.00	1.00	431329	0.042	Sericitic alteration	4%	contains 30% mafic dike + frgs
418.00	419.00	1.00	431331	0.214	Sericitic alteration	6%	
419.00	420.00	1.00	431332	0.155	Sericitic alteration	1%	
420.00	421.00	1.00	431333	0.265	Sericitic alteration	2%	
421.00	422.00	1.00	431334	0.322	Sericitic alteration	1%	
422.00	423.00	1.00	431335	0.325	Sericitic alteration	1%	
423.00	424.50	1.50	431337	0.064	Sericitic alteration	2%	

DRILL HOLE REPORT

Drill Hole **GOS21-80** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -60.0
 Length 462.0 m
 Started 10-May-21
 Completed 23-May-21
 Logged 27-May-21
 Logged by Erik Bobechko

Company
 Contractor Chenier Drilling
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Cemented

Survey Details:

Claim Number PAT-11117
 Property 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Multi-shot Survey
 Coord Survey Tool GPS

Coordinates:

Target Easting 430581.03
 Comments UTM Datum NAD83 Northing 5267383.96
 UTM Zone 17 Elevation 396.44

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
21.0	328.65	-58.93		RM	Good	63.0	328.91	-58.44		RM	Good
24.0	328.73	-58.78		RM	Good	78.0	328.77	-58.31		RM	Good
33.0	328.91	-58.77		RM	Good	90.0	328.22	-58.18		RM	Good
36.0	328.67	-58.74		RM	Good	93.0	328.31	-58.16		RM	Good
39.0	328.92	-58.71		RM	Good	96.0	328.61	-58.14		RM	Good
45.0	328.63	-58.62		RM	Good	99.0	328.65	-58.10		RM	Good
48.0	328.66	-58.57		RM	Good	102.0	328.62	-58.09		RM	Good
54.0	328.90	-58.58		RM	Good	108.0	328.80	-58.01		RM	Good
57.0	329.00	-58.44		RM	Good	111.0	328.82	-58.00		RM	Good
60.0	329.02	-58.41		RM	Good	114.0	328.84	-57.91		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
120.0	328.86	-57.80		RM	Good
123.0	328.97	-57.69		RM	Good
126.0	328.89	-57.75		RM	Good
129.0	328.98	-57.72		RM	Good
135.0	328.93	-57.74		RM	Good
138.0	328.94	-57.72		RM	Good
141.0	329.06	-57.68		RM	Good
144.0	329.15	-57.68		RM	Good
147.0	329.15	-57.71		RM	Good
150.0	329.19	-57.68		RM	Good
153.0	329.23	-57.65		RM	Good
156.0	329.27	-57.65		RM	Good
159.0	329.28	-57.65		RM	Good
162.0	329.37	-57.59		RM	Good
165.0	329.36	-57.61		RM	Good
168.0	329.41	-57.56		RM	Good
171.0	329.50	-57.59		RM	Good
174.0	329.58	-57.54		RM	Good
177.0	329.58	-57.54		RM	Good
180.0	329.64	-57.53		RM	Good
183.0	329.75	-57.47		RM	Good
186.0	329.73	-57.52		RM	Good
189.0	329.94	-57.52		RM	Good
192.0	329.89	-57.50		RM	Good
195.0	329.80	-57.46		RM	Good
198.0	329.84	-57.49		RM	Good
201.0	330.03	-57.47		RM	Good
204.0	330.09	-57.48		RM	Good
207.0	330.15	-57.46		RM	Good
210.0	330.22	-57.44		RM	Good
213.0	330.25	-57.43		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
216.0	330.31	-57.42		RM	Good
219.0	330.35	-57.42		RM	Good
222.0	330.41	-57.39		RM	Good
225.0	330.41	-57.39		RM	Good
228.0	330.38	-57.37		RM	Good
231.0	330.55	-57.38		RM	Good
234.0	330.68	-57.35		RM	Good
237.0	330.79	-57.34		RM	Good
240.0	330.82	-57.28		RM	Good
243.0	330.87	-57.26		RM	Good
246.0	330.92	-57.23		RM	Good
249.0	331.11	-57.17		RM	Good
252.0	330.97	-57.18		RM	Good
255.0	330.93	-57.13		RM	Good
258.0	330.95	-57.15		RM	Good
261.0	330.99	-57.07		RM	Good
264.0	331.05	-57.12		RM	Good
267.0	331.00	-57.15		RM	Good
270.0	331.03	-57.12		RM	Good
273.0	331.06	-57.03		RM	Good
276.0	331.07	-57.04		RM	Good
279.0	331.10	-56.98		RM	Good
282.0	331.22	-56.96		RM	Good
285.0	331.21	-56.90		RM	Good
288.0	331.26	-56.84		RM	Good
291.0	331.29	-56.75		RM	Good
294.0	331.35	-56.77		RM	Good
297.0	331.37	-56.76		RM	Good
300.0	331.36	-56.69		RM	Good
303.0	331.46	-56.67		RM	Good
306.0	331.32	-56.70		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
309.0	331.36	-56.64		RM	Good
312.0	331.37	-56.65		RM	Good
315.0	331.34	-56.60		RM	Good
318.0	331.32	-56.57		RM	Good
321.0	331.33	-56.52		RM	Good
324.0	331.36	-56.40		RM	Good
327.0	331.38	-56.37		RM	Good
330.0	331.33	-56.29		RM	Good
333.0	331.32	-56.22		RM	Good
336.0	331.25	-56.14		RM	Good
339.0	331.16	-56.14		RM	Good
342.0	331.17	-56.02		RM	Good
345.0	331.10	-56.05		RM	Good
348.0	331.05	-55.98		RM	Good
351.0	331.12	-55.87		RM	Good
354.0	331.08	-55.91		RM	Good
357.0	331.16	-55.86		RM	Good
360.0	331.21	-55.86		RM	Good
363.0	331.14	-55.84		RM	Good
366.0	331.13	-55.79		RM	Good
369.0	331.23	-55.76		RM	Good
372.0	331.14	-55.79		RM	Good
375.0	331.03	-55.77		RM	Good
378.0	331.14	-55.71		RM	Good
381.0	331.18	-55.72		RM	Good
384.0	331.14	-55.72		RM	Good
387.0	331.16	-55.74		RM	Good
390.0	331.25	-55.70		RM	Good
393.0	331.10	-55.69		RM	Good
396.0	331.28	-55.68		RM	Good
399.0	331.57	-55.62		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
402.0	331.61	-55.61		RM	Good
405.0	331.06	-55.62		RM	Good
411.0	331.40	-55.58		RM	Good
414.0	331.24	-55.61		RM	Good
417.0	331.40	-55.57		RM	Good
420.0	331.43	-55.59		RM	Good
423.0	331.51	-55.58		RM	Good
426.0	331.87	-55.56		RM	Good
429.0	331.82	-55.56		RM	Good
435.0	332.07	-55.59		RM	Good
438.0	331.72	-55.56		RM	Good
441.0	331.86	-55.54		RM	Good
444.0	331.83	-55.51		RM	Good
447.0	331.75	-55.47		RM	Good
450.0	331.77	-55.51		RM	Good
453.0	331.80	-55.50		RM	Good
456.0	331.84	-55.51		RM	Good
459.0	331.94	-55.48		RM	Good

From 0.00	To 1.60	Lithologic Group Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	1.60	1.60			Unaltered	0%	
From 1.60	To 38.30	Lithologic Group Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
1.60	3.00	1.40	440454	0.182	Silicified	5%	Porphyritic tonalite with rare 1-2cm DR round frag. Weak-moderate spv sil-sr around vn/frc.
3.00	4.00	1.00	440455	1.061	Sericitic alteration	7%	
4.00	5.00	1.00	440456	0.017	Silicified	1%	
5.00	6.00	1.00	440457	0.058	Silicified	3%	
6.00	7.00	1.00	440458	0.038	Silicified	1%	
7.00	8.00	1.00	440459	0.049	Sericitic alteration	3%	
8.00	9.00	1.00	440461	0.098	Silicified	3%	
9.00	10.00	1.00	440462	0.057	Silicified	5%	
10.00	11.00	1.00	440463	0.580	Sericitic alteration	4%	
11.00	12.00	1.00	440464	0.047	Sericitic alteration	1%	
12.00	13.00	1.00	440465	0.403	Sericitic alteration	8%	
13.00	14.00	1.00	440466	0.388	Sericitic alteration	8%	
14.00	15.00	1.00	440467	0.112	Sericitic alteration	3%	
15.00	16.00	1.00	440468	0.057	Silicified	3%	
16.00	17.00	1.00	440469	0.129	Silicified	5%	
17.00	18.00	1.00	440471	0.246	Silicified	4%	
18.00	19.00	1.00	440473	0.024	Silicified	7%	increased SPV sr+si +/- py/cpy/po min between 18-36m
19.00	20.00	1.00	440474	0.009	Sericitic alteration	10%	
20.00	21.00	1.00	440475	0.325	Sericitic alteration	6%	
21.00	22.00	1.00	440476	0.009	Silicified	1%	
22.00	23.00	1.00	440477	0.353	Sericitic alteration	3%	
23.00	24.00	1.00	440478	0.468	Silicified	3%	
24.00	25.00	1.00	440479	0.777	Silicified	1%	
25.00	26.00	1.00	440480	0.091	Silicified	3%	
26.00	27.00	1.00	440481	0.227	Silicified	3%	
27.00	28.00	1.00	440482	0.428	Silicified	5%	
28.00	29.00	1.00	440483	0.202	Silicified	1%	
29.00	30.00	1.00	440485	2.890	Sericitic alteration	7%	

30.00	31.00	1.00	440486	0.282	Sericitic alteration	7%
31.00	32.00	1.00	440487	0.039	Silicified	1%
32.00	33.00	1.00	440488	4.070	Sericitic alteration	3%
33.00	34.00	1.00	440489	0.424	Sericitic alteration	15%
34.00	35.00	1.00	440491	0.059	Sericitic alteration	6%
35.00	36.00	1.00	440492	0.108	Sericitic alteration	6%
36.00	37.00	1.00	440493	0.018	Silicified	2%
37.00	38.30	1.30	440494	0.163	Silicified	5%

From	To	Lithologic Group				
38.30	41.30	Quartz diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
38.30	39.80	1.50	440495	0.011	Chloritic alteration	5%	Corase grained, glomeroporphyritic texture, fuzzy contact, grades from QDR to DR
39.80	41.30	1.50	440497	2.460	Chloritic alteration	5%	

From	To	Lithologic Group				
41.30	45.00	Diorite Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
41.30	42.50	1.20	440498	0.452	Chloritic alteration	2%	DR mtx in TON, 25% mx, fg dr mx
42.50	44.00	1.50	440499	0.169	Chloritic alteration	2%	DR mtx in TON, 35% mx
44.00	45.00	1.00	440500	0.019	Chloritic alteration	1%	DR mtx in TON, 35% mx

From	To	Lithologic Group				
45.00	73.80	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
45.00	46.05	1.05	440501	0.173	Silicified	10%	Medium grained, light grey/beige, porphyritic texture, <5% 1-2cm round dr fragments
46.05	47.00	0.95	440502	2.585	Silicified	10%	
47.00	48.00	1.00	440503	0.016	Silicified	4%	
48.00	49.00	1.00	440504	0.049	Silicified	1%	30cm DR intrusion
49.00	50.00	1.00	440505	0.153	Silicified	2%	
50.00	51.00	1.00	440506	0.006	Silicified	1%	
51.00	52.00	1.00	440507	0.005	Silicified	1%	
52.00	53.00	1.00	440508	0.010	Silicified	3%	
53.00	54.10	1.10	440509	0.005	Silicified	10%	
54.10	55.00	0.90	440511	0.013	Silicified	5%	
55.00	56.00	1.00	440513	0.022	Silicified	3%	
56.00	57.00	1.00	440514	0.010	Sericitic alteration	5%	
57.00	58.00	1.00	440515	0.010	Silicified	1%	
58.00	59.00	1.00	440516	0.015	Silicified	1%	
59.00	60.00	1.00	440517	0.023	Sericitic alteration	6%	
60.00	61.10	1.10	440518	0.236	Sericitic alteration	6%	

61.10	62.00	0.90	440519	0.005	Silicified	2%
62.00	63.00	1.00	440520	0.153	Silicified	2%
63.00	64.00	1.00	440521	0.032	Sericitic alteration	2%
64.00	65.00	1.00	440522	0.021	Sericitic alteration	1%
65.00	66.00	1.00	440523	0.011	Silicified	1%
66.00	67.00	1.00	440525	0.045	Silicified	2%
67.00	68.00	1.00	440526	0.005	Silicified	1%
68.00	69.00	1.00	440527	0.018	Sericitic alteration	3%
69.00	70.00	1.00	440528	0.011	Silicified	3%
70.00	71.00	1.00	440529	0.274	Silicified	2%
71.00	72.40	1.40	440531	0.037	Silicified	2%
72.40	73.80	1.40	440532	0.200	Silicified	6%

From	To	Lithologic Group				
73.80	76.70	Diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
73.80	75.30	1.50	440533	0.030	Chloritic alteration	1%	Medium grained, dark green, sharp contact, Rubbly at 74.8m
75.30	76.70	1.40	440534	0.005	Chloritic alteration	1%	

From	To	Lithologic Group				
76.70	78.70	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
76.70	78.00	1.30	440535	0.010	Chloritic alteration	8%	Fine grained, dark grey/green, sharp contacts with q-cb-cl vns at contacts
78.00	78.70	0.70	440537	0.005	Chloritic alteration	7%	

From	To	Lithologic Group				
78.70	88.80	Diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
78.70	80.00	1.30	440538	0.005	Chloritic alteration	0%	amphibole altered, dark green, coarse grained
80.00	81.00	1.00	440539	0.484	Chloritic alteration	2%	
81.00	82.00	1.00	440540	0.005	Biotitic alteration	2%	boudinaged q-cb vn
82.00	83.00	1.00	440541	0.005	Chloritic alteration	5%	
83.00	84.00	1.00	440542	0.019	Chloritic alteration	4%	
84.00	85.00	1.00	440543	0.007	Chloritic alteration	10%	
85.00	86.00	1.00	440544	1.169	Chloritic alteration	3%	
86.00	87.00	1.00	440545	0.005	Chloritic alteration	2%	
87.00	88.00	1.00	440546	0.013	Chloritic alteration	1%	
88.00	88.80	0.80	440547	0.073	Chloritic alteration	2%	

From	To	Lithologic Group				
88.80	89.95	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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88.80	89.95	1.15	440549	2.074	Chloritic alteration	10%	dark grey/black, fg, intense biotite alteration around q+cl vns, sharp contacts, strong py along foliation
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From	To	Lithologic Group					
89.95	107.20	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
89.95	91.00	1.05	440551	0.631	Chloritic alteration	2%	
91.00	92.00	1.00	440552	0.384	Chloritic alteration	6%	
92.00	93.00	1.00	440553	0.014	Chloritic alteration	4%	
93.00	94.00	1.00	440554	0.359	Chloritic alteration	1%	
94.00	95.00	1.00	440555	0.566	Chloritic alteration	1%	
95.00	96.00	1.00	440556	0.674	Chloritic alteration	5%	
96.00	97.00	1.00	440557	0.149	Chloritic alteration	1%	
97.00	98.00	1.00	440558	1.017	Chloritic alteration	3%	
98.00	99.00	1.00	440559	0.156	Chloritic alteration	2%	
99.00	100.00	1.00	440561	0.332	Chloritic alteration	2%	
100.00	101.00	1.00	440562	0.451	Chloritic alteration	1%	
101.00	102.00	1.00	440563	0.395	Chloritic alteration	1%	
102.00	103.00	1.00	440564	1.462	Chloritic alteration	4%	
103.00	104.00	1.00	440565	0.066	Chloritic alteration	0%	
104.00	105.00	1.00	440566	0.015	Chloritic alteration	1%	Lighter coloured, coarse grained, more quartz content
105.00	106.00	1.00	440567	0.189	Chloritic alteration	1%	
106.00	107.20	1.20	440568	0.122	Chloritic alteration	3%	

From	To	Lithologic Group					
107.20	132.25	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
107.20	108.00	0.80	440569	0.431	Silicified	1%	Gradational contact from DR to QDR to TON over 1m
108.00	109.00	1.00	440571	0.365	Silicified	3%	
109.00	110.00	1.00	440573	1.183	Silicified	6%	
110.00	111.00	1.00	440574	0.658	Silicified	3%	
111.00	111.80	0.80	440575	0.506	Silicified	6%	
111.80	113.00	1.20	440576	4.990	Silicified	8%	
113.00	114.00	1.00	440577	1.033	Silicified	1%	
114.00	115.00	1.00	440578	3.980	Silicified	7%	
115.00	116.00	1.00	440579	9.120	Sericitic alteration	15%	VG in qz-cb-cl-cpy vn with intense sr halo
116.00	117.00	1.00	440581	0.370	Silicified	3%	
117.00	118.00	1.00	440582	0.362	Silicified	6%	
118.00	119.20	1.20	440583	0.256	Sericitic alteration	11%	
119.20	120.00	0.80	440585	0.226	Silicified	16%	
120.00	121.00	1.00	440586	0.426	Silicified	25%	

121.00	122.00	1.00	440587	0.745	Silicified	2%	
122.00	123.00	1.00	440588	1.413	Silicified	8%	
123.00	124.00	1.00	440589	1.241	Silicified	4%	Increase in bo/chl fracture density from 123-129m
124.00	125.00	1.00	440591	0.767	Silicified	3%	
125.00	126.00	1.00	440592	1.634	Silicified	6%	
126.00	127.00	1.00	440593	0.556	Silicified	8%	
127.00	128.00	1.00	440594	0.299	Silicified	8%	
128.00	129.00	1.00	440595	0.355	Silicified	6%	
129.00	130.00	1.00	440597	0.860	Silicified	50%	40cm q-cb-cb-bo vn w/ tr py, hem fractures
130.00	131.20	1.20	440598	77.600	Silicified	85%	VG in 4cm qz vn, Au-vn runs along core axis at very shallow angle. Vn runs along core for 117cm. ~20 specks of VG.
131.20	132.25	1.05	440600	208.000	Silicified	60%	Parallel Vn (2cm) of same composition as in 440600, no vg. Very shallow vn angle. Deformed contact zone between Ton and DR hosting streak of VG in wall rock.

From	To	Lithologic Group					
132.25	158.60	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
132.25	133.50	1.25	440602	19.900	Silicified	35%	Au-bearing vn of same composition, shallow irregular vn angle, end of contact zone between TON and DR.
133.50	135.00	1.50	440604	0.068	Chloritic alteration	1%	Fine grained, grey, could be mafic dike.
135.00	136.00	1.00	440605	0.013	Chloritic alteration	2%	
136.00	137.00	1.00	440606	0.005	Chloritic alteration	2%	
137.00	138.00	1.00	440607	0.005	Chloritic alteration	3%	
138.00	139.00	1.00	440608	0.166	Chloritic alteration	1%	
139.00	140.00	1.00	440609	0.005	Chloritic alteration	3%	
140.00	141.00	1.00	440611	0.597	Chloritic alteration	2%	
141.00	142.00	1.00	440613	0.009	Chloritic alteration	4%	
142.00	143.00	1.00	440614	0.005	Chloritic alteration	3%	
143.00	144.00	1.00	440615	0.005	Chloritic alteration	6%	
144.00	145.00	1.00	440616	0.005	Chloritic alteration	4%	
145.00	146.00	1.00	440617	0.007	Chloritic alteration	6%	finer grained
146.00	147.00	1.00	440618	0.039	Chloritic alteration	15%	20cm of very fractured rock, rubble, very fine grained, chill margin?
147.00	148.50	1.50	440619	0.005	Chloritic alteration	4%	
148.50	150.00	1.50	440620	0.006	Chloritic alteration	3%	
150.00	151.50	1.50	440621	0.005	Chloritic alteration	6%	

151.50	153.00	1.50	440622	0.019	Chloritic alteration	12%
153.00	154.50	1.50	440623	0.005	Chloritic alteration	8%
154.50	156.00	1.50	440625	0.005	Chloritic alteration	4%
156.00	157.50	1.50	440626	0.005	Chloritic alteration	8%
157.50	158.60	1.10	440627	0.009	Chloritic alteration	4%

From	To	Lithologic Group				
158.60	174.00	Quartz diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
158.60	160.00	1.40	440628	2.356	Chloritic alteration	20%	Medium-coarse grained, glomeroporphyritic,
160.00	161.00	1.00	440629	0.097	Chloritic alteration	2%	
161.00	162.00	1.00	440631	0.038	Chloritic alteration	2%	
162.00	163.50	1.50	440632	0.189	Chloritic alteration	30%	
163.50	165.00	1.50	440633	0.086	Chloritic alteration	1%	
165.00	166.50	1.50	440634	0.169	Chloritic alteration	1%	
166.50	168.00	1.50	440635	0.301	Chloritic alteration	3%	
168.00	169.50	1.50	440637	0.413	Chloritic alteration	4%	
169.50	171.00	1.50	440638	0.090	Chloritic alteration	1%	
171.00	172.50	1.50	440639	0.339	Chloritic alteration	3%	
172.50	174.00	1.50	440640	0.229	Chloritic alteration	2%	

From	To	Lithologic Group				
174.00	180.00	Quartz Diorite Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
174.00	175.00	1.00	440641	0.047	Chloritic alteration	1%	beige QDR mx with dark green, fg, dr frag, unaltered, 70% fragments
175.00	176.00	1.00	440642	0.210	Chloritic alteration	2%	65% fragments
176.00	177.00	1.00	440643	0.173	Chloritic alteration	1%	35% fragments, mx slowly grading into tonalite
177.00	178.00	1.00	440644	0.074	Chloritic alteration	2%	20% fragments
178.00	179.00	1.00	440645	0.327	Chloritic alteration	1%	5% fragments
179.00	180.00	1.00	440646	0.107	Silicified	1%	15% fragments

From	To	Lithologic Group				
180.00	293.10	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
180.00	181.00	1.00	440647	0.158	Silicified	1%	rare dr fragments <5%
181.00	182.00	1.00	440649	0.241	Silicified	2%	
182.00	183.00	1.00	440651	0.179	Silicified	8%	
183.00	184.00	1.00	440652	0.805	Silicified	3%	
184.00	185.00	1.00	440653	0.242	Silicified	4%	
185.00	186.00	1.00	440654	1.329	Silicified	6%	
186.00	187.00	1.00	440655	1.210	Silicified	2%	
187.00	188.00	1.00	440656	0.115	Silicified	3%	

188.00	189.00	1.00	440657	0.396	Silicified	5%	
189.00	190.00	1.00	440658	0.057	Silicified	16%	includes 5cm mafic dike
190.00	191.00	1.00	440659	0.078	Silicified	1%	
191.00	192.00	1.00	440661	0.184	Silicified	1%	
192.00	193.00	1.00	440662	0.044	Silicified	2%	
193.00	194.00	1.00	440663	0.015	Silicified	1%	
194.00	195.00	1.00	440664	0.009	Silicified	5%	
195.00	196.00	1.00	440665	1.258	Silicified	3%	
196.00	197.00	1.00	440666	0.315	Silicified	6%	
197.00	198.00	1.00	440667	0.325	Silicified	1%	
198.00	199.00	1.00	440668	0.087	Silicified	5%	
199.00	200.00	1.00	440669	0.006	Sericitic alteration	10%	
200.00	201.00	1.00	440671	0.019	Silicified	1%	
201.00	202.00	1.00	440673	0.113	Silicified	1%	
202.00	203.00	1.00	440674	0.012	Silicified	2%	
203.00	204.00	1.00	440675	0.031	Silicified	2%	
204.00	205.00	1.00	440676	0.022	Silicified	2%	
205.00	206.00	1.00	440677	0.015	Silicified	3%	
206.00	207.00	1.00	440678	0.011	Silicified	10%	
207.00	208.00	1.00	440679	1.818	Silicified	5%	
208.00	209.00	1.00	440680	0.055	Silicified	2%	
209.00	210.00	1.00	440681	0.017	Silicified	1%	
210.00	211.00	1.00	440682	0.183	Silicified	3%	
211.00	212.00	1.00	440683	0.005	Silicified	2%	
212.00	213.00	1.00	440685	0.007	Silicified	1%	
213.00	214.00	1.00	440686	0.024	Silicified	2%	
214.00	215.00	1.00	440687	0.010	Silicified	1%	
215.00	216.00	1.00	440688	0.540	Silicified	10%	
216.00	217.00	1.00	440689	0.100	Silicified	1%	
217.00	218.00	1.00	440691	0.089	Silicified	1%	
218.00	219.00	1.00	440692	0.014	Silicified	1%	
219.00	220.00	1.00	440693	0.079	Silicified	1%	
220.00	221.00	1.00	440694	0.042	Silicified	2%	
221.00	222.00	1.00	440695	0.047	Silicified	1%	
222.00	223.00	1.00	440697	0.207	Silicified	2%	
223.00	224.00	1.00	440698	1.127	Sericitic alteration	25%	
224.00	225.00	1.00	440699	0.561	Sericitic alteration	4%	
225.00	226.00	1.00	440700	0.038	Silicified	2%	
226.00	227.00	1.00	440701	0.005	Silicified	1%	
227.00	228.00	1.00	440702	0.022	Silicified	2%	
228.00	229.00	1.00	440703	0.009	Silicified	1%	
229.00	230.00	1.00	440704	0.067	Silicified	1%	

230.00	231.00	1.00	440705	0.006	Silicified	1%	
231.00	232.00	1.00	440706	0.020	Silicified	1%	
232.00	233.00	1.00	440707	0.056	Silicified	4%	
233.00	234.00	1.00	440708	0.005	Silicified	1%	
234.00	235.00	1.00	440709	0.010	Silicified	1%	
235.00	236.00	1.00	440711	0.029	Silicified	1%	
236.00	237.00	1.00	440713	0.081	Silicified	2%	
237.00	238.00	1.00	440714	0.027	Silicified	1%	
238.00	239.00	1.00	440715	0.068	Silicified	2%	
239.00	240.00	1.00	440716	0.013	Silicified	1%	
240.00	241.00	1.00	440717	0.018	Silicified	3%	
241.00	242.00	1.00	440718	0.052	Silicified	3%	
242.00	243.00	1.00	440719	0.061	Silicified	2%	
243.00	244.00	1.00	440720	0.037	Silicified	1%	
244.00	245.00	1.00	440721	0.093	Silicified	2%	
245.00	246.00	1.00	440722	0.205	Silicified	1%	
246.00	247.00	1.00	440723	0.117	Silicified	1%	
247.00	248.00	1.00	440725	0.299	Silicified	5%	
248.00	249.00	1.00	440726	0.024	Silicified	1%	
249.00	250.00	1.00	440727	0.013	Silicified	1%	
250.00	251.00	1.00	440728	0.013	Silicified	1%	
251.00	252.00	1.00	440729	0.226	Silicified	3%	
252.00	253.00	1.00	440731	0.154	Silicified	2%	
253.00	254.00	1.00	440732	0.218	Silicified	2%	
254.00	255.00	1.00	440733	0.100	Silicified	1%	
255.00	256.00	1.00	440734	0.017	Silicified	2%	
256.00	257.00	1.00	440735	0.082	Silicified	3%	
257.00	258.00	1.00	440737	0.034	Silicified	1%	
258.00	259.00	1.00	440738	0.073	Silicified	1%	
259.00	260.00	1.00	440739	0.047	Silicified	1%	
260.00	261.00	1.00	440740	0.058	Silicified	1%	
261.00	262.00	1.00	440741	0.206	Silicified	1%	
262.00	263.40	1.40	440742	0.057	Silicified	3%	
263.40	264.50	1.10	440743	0.305	Silicified	5%	30cm of Mafdk
264.50	266.00	1.50	440744	0.048	Silicified	8%	
266.00	267.00	1.00	440745	0.007	Silicified	3%	
267.00	268.00	1.00	440746	0.095	Silicified	3%	
268.00	269.00	1.00	440747	0.073	Silicified	1%	
269.00	270.00	1.00	440749	0.052	Silicified	1%	
270.00	271.00	1.00	440751	0.260	Silicified	1%	
271.00	272.00	1.00	440752	0.408	Sericitic alteration	2%	
272.00	273.00	1.00	440753	0.939	Silicified	4%	

273.00	274.00	1.00	440754	0.885	Silicified	4%
274.00	275.00	1.00	440755	0.051	Silica–Sodic alteration	1%
275.00	276.00	1.00	440756	0.400	Sericitic alteration	3%
276.00	277.00	1.00	440757	0.590	Silicified	3%
277.00	278.00	1.00	440758	7.860	Silicified	7%
278.00	279.00	1.00	440759	2.022	Silicified	2%
279.00	280.00	1.00	440761	1.409	Silicified	1%
280.00	281.00	1.00	440762	0.164	Silicified	5%
281.00	282.00	1.00	440763	0.077	Silicified	2%
282.00	283.00	1.00	440764	0.050	Silicified	5%
283.00	284.00	1.00	440765	0.060	Silicified	1%
284.00	285.00	1.00	440766	0.015	Silicified	2%
285.00	286.00	1.00	440767	0.051	Silicified	1%
286.00	287.00	1.00	440768	0.077	Silicified	1%
287.00	288.00	1.00	440769	0.035	Silicified	2%
288.00	289.00	1.00	440771	0.079	Silicified	2%
289.00	290.00	1.00	440773	0.208	Silicified	1%
290.00	291.00	1.00	440774	0.212	Carbonate Altered	15%
291.00	292.00	1.00	440775	0.512	Chloritic alteration	2%
292.00	293.10	1.10	440776	0.360	Chloritic alteration	2%

From	To	Lithologic Group				
293.10	293.70	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
293.10	293.70	0.60	440777	0.010	Chloritic alteration	15%	60 cm dark green mafdk

From	To	Lithologic Group				
293.70	382.70	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
293.70	295.00	1.30	440778	0.011	Chloritic alteration	1%	
295.00	296.40	1.40	440779	0.215	Chloritic alteration	1%	
296.40	297.60	1.20	440780	0.136	Silicified	5%	
297.60	299.00	1.40	440781	0.045	Silicified	2%	
299.00	300.00	1.00	440782	0.013	Silicified	1%	
300.00	301.00	1.00	440783	0.005	Silicified	1%	
301.00	302.00	1.00	440785	0.178	Silicified	3%	
302.00	303.00	1.00	440786	1.681	Silicified	3%	
303.00	304.00	1.00	440787	0.065	Silicified	3%	
304.00	305.00	1.00	440788	0.005	Silicified	2%	
305.00	306.00	1.00	440789	0.014	Sericitic alteration	2%	
306.00	307.00	1.00	440791	0.025	Silicified	2%	
307.00	308.00	1.00	440792	0.260	Silicified	2%	
308.00	309.00	1.00	440793	0.044	Silicified	2%	
309.00	310.00	1.00	440794	0.046	Silicified	4%	

310.00	311.00	1.00	440795	0.095	Sericitic alteration	3%	
311.00	312.00	1.00	440797	0.138	Sericitic alteration	5%	
312.00	313.00	1.00	440798	0.059	Silicified	2%	
313.00	314.00	1.00	440799	0.080	Silicified	1%	
314.00	315.00	1.00	440800	0.005	Silicified	1%	
315.00	316.00	1.00	440801	0.474	Sericitic alteration	1%	
316.00	317.00	1.00	440802	0.036	Sericitic alteration	2%	
317.00	318.00	1.00	440803	0.046	Silicified	6%	
318.00	319.00	1.00	440804	0.077	Silicified	3%	
319.00	320.00	1.00	440805	0.106	Silicified	2%	
320.00	321.00	1.00	440806	0.046	Silicified	2%	
321.00	322.00	1.00	440807	0.027	Silicified	6%	
322.00	323.00	1.00	440808	0.005	Silicified	2%	
323.00	324.00	1.00	440809	0.009	Sericitic alteration	1%	
324.00	325.00	1.00	440811	0.006	Silicified	1%	
325.00	326.00	1.00	440813	0.022	Silicified	1%	
326.00	327.00	1.00	440814	0.042	Silicified	2%	
327.00	328.00	1.00	440815	1.156	Sericitic alteration	6%	
328.00	329.00	1.00	440816	0.114	Silicified	7%	
329.00	330.00	1.00	440817	0.036	Sericitic alteration	7%	
330.00	331.00	1.00	440818	0.052	Silicified	2%	
331.00	332.00	1.00	440819	0.062	Silicified	1%	
332.00	333.00	1.00	440820	0.036	Silicified	1%	
333.00	334.00	1.00	440821	0.944	Silicified	5%	
334.00	335.00	1.00	440822	0.087	Chloritic alteration	5%	
335.00	336.30	1.30	440823	0.603	Silicified	10%	shallow vn with cpy+moly
336.30	337.00	0.70	440825	0.102	Silicified	10%	
337.00	338.00	1.00	440826	0.360	Chloritic alteration	1%	
338.00	339.00	1.00	440827	0.483	Chloritic alteration	1%	
339.00	340.30	1.30	440828	11.600	Chloritic alteration	5%	
340.30	341.00	0.70	440829	0.663	Silicified	1%	
341.00	342.00	1.00	440831	0.413	Silicified	1%	
342.00	343.00	1.00	440832	0.742	Silicified	5%	
343.00	344.00	1.00	440833	0.132	Silicified	3%	
344.00	345.00	1.00	440834	0.412	Silicified	5%	
345.00	346.00	1.00	440835	0.061	Silicified	3%	
346.00	347.00	1.00	440837	0.050	Silicified	3%	
347.00	348.00	1.00	440838	1.006	Silicified	3%	
348.00	349.00	1.00	440839	0.631	Silicified	5%	
349.00	350.00	1.00	440840	0.458	Silicified	7%	
350.00	351.00	1.00	440841	1.335	Silicified	10%	
351.00	352.00	1.00	440842	0.348	Silicified	4%	

352.00	353.00	1.00	440843	0.263	Silicified	2%	
353.00	354.00	1.00	440844	0.086	Silicified	5%	
354.00	355.00	1.00	440845	0.050	Silicified	3%	
355.00	356.00	1.00	440846	0.278	Silicified	6%	
356.00	357.20	1.20	440847	0.091	Sericitic alteration	12%	
357.20	358.00	0.80	440849	0.058	Sericitic alteration	2%	
358.00	359.00	1.00	440851	0.015	Silicified	1%	
359.00	360.00	1.00	440852	1.383	Sericitic alteration	1%	
360.00	361.00	1.00	440853	1.314	Sericitic alteration	2%	
361.00	362.00	1.00	440854	0.309	Sericitic alteration	1%	
362.00	363.00	1.00	440855	0.189	Silicified	5%	albite altered, Tr Mo
363.00	363.90	0.90	440856	0.954	Silicified	8%	
363.90	365.00	1.10	440857	0.062	Silicified	2%	
365.00	366.00	1.00	440858	0.222	Silicified	2%	
366.00	367.00	1.00	440859	0.211	Silicified	1%	
367.00	368.00	1.00	440861	0.124	Silicified	4%	
368.00	369.00	1.00	440862	0.022	Silicified	2%	
369.00	370.00	1.00	440863	0.059	Silicified	1%	
370.00	371.00	1.00	440864	0.498	Silicified	1%	
371.00	372.00	1.00	440865	0.249	Silicified	1%	
372.00	373.00	1.00	440866	0.370	Silicified	2%	
373.00	374.00	1.00	440867	0.174	Silicified	1%	
374.00	375.50	1.50	440868	0.063	Silicified	2%	
375.50	377.00	1.50	440869	0.618	Silicified	3%	
377.00	378.30	1.30	440871	1.288	Silicified	20%	VG in qz-cl-py-cpy vn
378.30	379.20	0.90	440873	1.860	Silicified	7%	
379.20	380.00	0.80	440874	0.977	Silicified	1%	
380.00	381.00	1.00	440875	5.950	Silicified	7%	VG in wallrock
381.00	382.00	1.00	440877	0.730	Silicified	4%	
382.00	382.70	0.70	440878	0.458	Silicified	3%	

From	To	Lithologic Group	
382.70	383.50	Mafic Dyke	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
382.70	383.50	0.80	440879	0.013	Chloritic alteration	2%	grey-green, fg, foliated

From	To	Lithologic Group	
383.50	399.90	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
383.50	385.00	1.50	440880	0.751	Silicified	2%	
385.00	386.00	1.00	440881	0.571	Silicified	4%	
386.00	387.00	1.00	440882	0.798	Silicified	2%	
387.00	388.05	1.05	440883	1.080	Silicified	3%	
388.05	389.00	0.95	440885	1.217	Silicified	3%	

389.00	389.90	0.90	440886	1.318	Silicified	2%	
389.90	391.00	1.10	440887	0.180	Silicified	10%	40cm of mafdk
391.00	392.00	1.00	440888	0.534	Silicified	2%	
392.00	393.00	1.00	440889	0.409	Silicified	4%	
393.00	394.00	1.00	440891	1.444	Silicified	5%	
394.00	395.00	1.00	440892	0.289	Silicified	5%	
395.00	396.00	1.00	440893	0.738	Silicified	5%	
396.00	397.00	1.00	440894	0.010	Silicified	2%	
397.00	398.00	1.00	440895	0.510	Silicified	2%	
398.00	399.00	1.00	440897	0.380	Sericitic alteration	5%	
399.00	399.90	0.90	440898	0.263	Silicified	15%	
From	To		Lithologic Group				
399.90	400.40		Lamprophyre Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
399.90	400.40	0.50	440899	0.005	Biotitic alteration	1%	
From	To		Lithologic Group				
400.40	408.70		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
400.40	401.00	0.60	440900	0.488	Silicified	2%	
401.00	402.00	1.00	440901	4.210	Silicified	2%	
402.00	403.00	1.00	440902	0.025	Silicified	1%	
403.00	404.00	1.00	440903	0.012	Silicified	1%	
404.00	405.00	1.00	440904	0.019	Silicified	1%	
405.00	406.00	1.00	440905	0.063	Silicified	1%	
406.00	407.00	1.00	440906	0.045	Silicified	1%	
407.00	408.00	1.00	440907	0.065	Silicified	3%	15cm lamdk
408.00	408.70	0.70	440908	0.164	Silicified	5%	
From	To		Lithologic Group				
408.70	412.20		Lamprophyre Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
408.70	410.00	1.30	440909	0.012	Biotitic alteration	10%	black/grey, strong biotite, foliated, diss py
410.00	411.00	1.00	440911	0.019	Biotitic alteration	10%	
411.00	412.20	1.20	440913	0.011	Biotitic alteration	10%	
From	To		Lithologic Group				
412.20	423.70		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
412.20	413.00	0.80	440914	0.267	Silicified	2%	
413.00	414.00	1.00	440915	0.158	Silicified	2%	
414.00	415.00	1.00	440916	0.131	Silicified	4%	
415.00	416.00	1.00	440917	0.051	Silicified	1%	
416.00	417.00	1.00	440918	0.093	Silicified	2%	20cm mafdk in ton

417.00	418.00	1.00	440919	0.156	Silicified	5%
418.00	419.00	1.00	440920	0.053	Silicified	2%
419.00	420.00	1.00	440921	0.216	Silicified	3%
420.00	421.00	1.00	440922	1.048	Silicified	8%
421.00	422.00	1.00	440923	0.079	Sericitic alteration	8%
422.00	423.00	1.00	440925	0.144	Silicified	2%
423.00	423.70	0.70	440926	0.135	Silicified	1%

From	To	Lithologic Group				
423.70	424.30	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
423.70	424.30	0.60	440927	0.020	Chloritic alteration	1%	Dark Gery, fg, foliated

From	To	Lithologic Group				
424.30	427.80	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
424.30	425.00	0.70	440928	0.042	Silicified	1%	
425.00	426.00	1.00	440929	0.053	Silicified	2%	
426.00	427.00	1.00	440931	0.080	Silicified	2%	
427.00	427.80	0.80	440932	0.172	Silicified	5%	

From	To	Lithologic Group				
427.80	430.00	Lamprophyre Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
427.80	429.00	1.20	440933	0.020	Biotitic alteration	15%	
429.00	430.00	1.00	440934	0.009	Biotitic alteration	15%	

From	To	Lithologic Group				
430.00	462.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
430.00	431.00	1.00	440935	0.044	Sericitic alteration	2%	
431.00	432.00	1.00	440937	0.012	Sericitic alteration	2%	
432.00	433.00	1.00	440938	0.011	Sericitic alteration	1%	
433.00	434.00	1.00	440939	0.033	Sericitic alteration	1%	
434.00	435.00	1.00	440940	0.174	Sericitic alteration	1%	
435.00	436.00	1.00	440941	0.197	Silicified	3%	Mo along fracture with Ser halo
436.00	437.00	1.00	440942	0.024	Silicified	1%	
437.00	438.00	1.00	440943	0.006	Silicified	2%	
438.00	439.00	1.00	440944	0.200	Sericitic alteration	4%	
439.00	440.00	1.00	440945	0.070	Sericitic alteration	1%	
440.00	441.00	1.00	440946	0.140	Silicified	1%	
441.00	442.00	1.00	440947	0.129	Sericitic alteration	2%	
442.00	443.00	1.00	440949	0.162	Silicified	2%	
443.00	444.00	1.00	440951	0.158	Silicified	2%	
444.00	445.00	1.00	440952	0.066	Silicified	1%	
445.00	446.00	1.00	440953	0.032	Silicified	1%	

446.00	447.00	1.00	440954	0.164	Silicified	2%
447.00	448.00	1.00	440955	0.077	Silicified	4%
448.00	449.00	1.00	440956	0.107	Sericitic alteration	14%
449.00	450.00	1.00	440957	0.051	Silicified	2%
450.00	451.00	1.00	440958	0.117	Silicified	1%
451.00	452.00	1.00	440959	0.132	Silicified	1%
452.00	453.00	1.00	440961	0.012	Silicified	1%
453.00	454.00	1.00	440962	0.019	Silicified	1%
454.00	455.00	1.00	440963	0.034	Silicified	2%
455.00	456.00	1.00	440964	0.176	Silicified	1%
456.00	457.00	1.00	440965	0.035	Silicified	1%
457.00	458.00	1.00	440966	0.035	Silicified	1%
458.00	459.00	1.00	440967	0.064	Silicified	3%
459.00	460.00	1.00	440968	0.017	Silicified	2%
460.00	461.00	1.00	440969	0.041	Silicified	3%
461.00	462.00	1.00	440971	0.005	Silicified	1%

DRILL HOLE REPORT

Drill Hole **GOS21-81** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -65.0
 Length 474.0 m
 Started 14-May-21
 Completed 28-May-21
 Logged 29-May-21
 Logged by Justin Bisailon

Company
 Contractor Chenier
 Position
 Bore Size BQTK
 Sample Storage Mesomikenda
 Casing NONE
 Condition Cemented

Survey Details:

Claim Number MLO-10658
 Property 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Single-shot (unspecified)
 Coord Survey Tool GPS

Coordinates:

Target
 Comments Laurent start log at 263

Easting 431308.22
 UTM Datum NAD83 Northing 5267756.65
 UTM Zone 17 Elevation 381.09

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
25.0	328.63	-63.71				58.0	326.96	-62.34			
31.0	327.57	-62.53				61.0	326.77	-62.16			
34.0	327.46	-62.68				64.0	327.20	-61.38			
37.0	326.78	-63.18				67.0	326.29	-62.42			
40.0	327.67	-62.51				70.0	326.66	-62.33			
46.0	327.32	-62.58				73.0	325.95	-62.33			
49.0	328.24	-62.34				76.0	326.42	-62.28			
51.0	326.34	-62.47				79.0	326.23	-62.31			
52.0	326.94	-62.58				82.0	325.59	-63.39			
55.0	327.13	-62.36				85.0	327.28	-62.29			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
88.0	327.47	-62.27			
91.0	327.55	-62.17			
94.0	327.08	-62.05			
97.0	326.14	-62.12			
100.0	325.70	-62.25			
103.0	327.07	-62.26			
106.0	327.29	-62.19			
109.0	327.49	-62.15			
112.0	327.77	-62.07			
115.0	327.27	-62.08			
118.0	326.74	-62.21			
121.0	327.32	-61.86			
124.0	327.16	-62.42			
127.0	327.73	-62.21			
130.0	327.40	-62.36			
133.0	327.31	-62.67			
136.0	327.77	-62.57			
139.0	328.27	-62.16			
145.0	327.31	-62.23			
148.0	327.04	-62.35			
150.0	327.57	-62.26			
151.0	327.20	-62.63			
154.0	327.46	-62.49			
157.0	328.23	-62.32			
160.0	327.38	-63.29			
163.0	328.76	-62.31			
166.0	328.77	-62.19			
169.0	328.60	-62.00			
172.0	327.97	-62.11			
175.0	327.39	-62.13			
178.0	326.94	-62.16			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
181.0	326.64	-62.18			
184.0	326.82	-62.20			
187.0	327.58	-62.20			
190.0	328.91	-62.04			
193.0	329.93	-61.93			
196.0	330.18	-61.93			
199.0	329.96	-61.90			
202.0	329.48	-61.77			
205.0	326.82	-61.70			
208.0	328.38	-61.71			
211.0	328.23	-61.63			
214.0	327.55	-61.70			
217.0	328.34	-61.78			
220.0	328.18	-61.90			
223.0	327.77	-61.92			
226.0	329.12	-61.97			
229.0	329.16	-61.99			
232.0	328.29	-61.95			
235.0	329.21	-61.83			
238.0	329.41	-61.81			
241.0	329.44	-61.74			
244.0	329.67	-61.75			
247.0	328.90	-61.61			
250.0	329.76	-61.61			
256.0	329.07	-61.83			
259.0	327.37	-61.86			
262.0	327.63	-61.78			
265.0	327.75	-61.79			
268.0	328.55	-61.71			
271.0	327.24	-61.74			
274.0	327.58	-61.74			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
277.0	328.10	-61.72			
280.0	327.21	-61.74			
283.0	327.37	-61.76			
286.0	328.01	-61.79			
289.0	328.19	-61.75			
292.0	327.06	-61.69			
295.0	327.40	-61.63			
298.0	327.88	-61.60			
301.0	327.84	-61.61			
304.0	327.64	-61.62			
307.0	325.87	-61.66			
310.0	327.88	-61.65			
313.0	327.21	-61.67			
322.0	326.02	-61.62			
328.0	327.79	-61.64			
331.0	328.95	-61.64			
334.0	329.11	-61.65			
337.0	327.87	-61.66			
340.0	326.96	-61.66			
343.0	327.75	-61.61			
346.0	326.70	-61.61			
349.0	328.21	-61.63			
352.0	328.60	-61.59			
355.0	329.07	-61.59			
358.0	329.18	-61.59			
364.0	329.83	-61.57			
367.0	328.12	-61.60			
370.0	328.34	-61.58			
373.0	328.91	-61.61			
376.0	328.37	-61.56			
379.0	328.19	-61.51			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
382.0	326.04	-61.45			
388.0	328.50	-61.12			
391.0	328.03	-61.12			
394.0	327.36	-61.08			
397.0	328.58	-61.11			
400.0	328.88	-61.12			
403.0	328.81	-61.10			
406.0	329.67	-61.15			
409.0	329.21	-61.17			
412.0	327.80	-61.12			
418.0	328.75	-60.99			
421.0	328.29	-61.06			
430.0	327.46	-60.76			
433.0	327.88	-60.70			
436.0	327.67	-60.62			
439.0	328.99	-60.60			
442.0	328.00	-60.36			
445.0	328.38	-60.33			
451.0	328.42	-60.11			
454.0	326.39	-60.07			
457.0	324.58	-60.08			
460.0	325.11	-60.01			

From	To	Lithologic Group					
0.00	21.55	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	21.55	21.55			Unaltered		
From	To	Lithologic Group					
21.55	59.35	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
21.55	22.96	1.41	435501	0.392	Silicified	4%	medium grained, equigranular, fractured, light grey
22.96	24.31	1.35	435502	0.372	Sericitic alteration	20%	
24.31	25.30	0.99	435503	0.349	Sericitic alteration	20%	very rubbly core
25.30	26.45	1.15	435504	0.390	Sericitic alteration	10%	VG in vuggy vein at 25.5m, foliated
26.45	27.00	0.55	435506	0.221	Sericitic alteration	6%	
27.00	28.00	1.00	435507	0.184	Sericitic alteration	7%	
28.00	28.90	0.90	435508	0.024	Sericitic alteration	6%	
28.90	30.00	1.10	435509	0.051	Silicified	7%	
30.00	30.90	0.90	435511	0.188	Silicified	5%	
30.90	32.10	1.20	435513	0.202	Silicified	8%	
32.10	32.92	0.82	435514	0.189	Silicified	9%	
32.92	33.99	1.07	435515	0.286	Silicified	6%	
33.99	34.97	0.98	435516	0.365	Silicified	7%	
34.97	36.00	1.03	435517	0.203	Silicified	2%	
36.00	37.00	1.00	435518	0.230	Silicified	3%	
37.00	37.97	0.97	435519	0.527	Silicified	4%	
37.97	39.19	1.22	435520	0.657	Silicified	7%	
39.19	39.92	0.73	435521	0.562	Silicified	4%	
39.92	40.98	1.06	435522	0.618	Silicified	7%	
40.98	42.00	1.02	435523	0.479	Silicified	4%	
42.00	43.00	1.00	435525	0.389	Silicified	3%	
43.00	44.00	1.00	435526	0.635	Silicified	3%	
44.00	45.00	1.00	435527	0.867	Silicified	15%	2cm wide vein at shallow angle to core axis
45.00	46.00	1.00	435528	4.140	Silicified	15%	1-2cm wide vein at shallow angle to core axis
46.00	47.05	1.05	435529	1.119	Silicified	5%	
47.05	48.14	1.09	435531	0.660	Sericitic alteration	6%	50% mafic dyke
48.14	49.00	0.86	435532	0.514	Silicified	3%	
49.00	50.00	1.00	435533	0.483	Silicified	5%	
50.00	51.00	1.00	435534	0.431	Silicified	4%	

51.00	52.00	1.00	435535	0.541	Silicified	5%	
52.00	53.00	1.00	435537	0.389	Silicified	2%	
53.00	54.00	1.00	435538	0.531	Silicified	3%	
54.00	55.00	1.00	435539	0.422	Silicified	2%	
55.00	56.00	1.00	435540	0.233	Silicified	4%	
56.00	57.00	1.00	435541	0.191	Silicified	5%	
57.00	57.94	0.94	435542	0.543	Sericitic alteration	7%	
57.94	59.35	1.41	435543	0.135	Silicified	5%	inculded 5cm of mafic dyke

From	To	Lithologic Group					
59.35	60.05	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
59.35	60.05	0.70	435544	0.018	Chloritic alteration	4%	fine grained, foliated, equigranular, dark grey

From	To	Lithologic Group					
60.05	120.99	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
60.05	61.00	0.95	435545	0.025	Silicified	1%	medium grained, plagioclase phytic, massive, light grey
61.00	62.00	1.00	435546	0.061	Silicified	3%	
62.00	63.00	1.00	435547	0.239	Silicified	1%	30cm ton 2 dike
63.00	64.05	1.05	435549	0.041	Silicified	2%	
64.05	65.00	0.95	435551	0.046	Silicified	2%	8cm diabase dike at beginning of sample
65.00	66.00	1.00	435552	0.082	Silicified	5%	
66.00	66.97	0.97	435553	0.134	Silicified	4%	foliated
66.97	67.97	1.00	435554	0.061	Sericitic alteration	3%	18cm diabase dike
67.97	68.56	0.59	435555	0.102	Sericitic alteration	6%	Ton 2?
68.56	69.77	1.21	435556	0.154	Silicified	1%	
69.77	71.00	1.23	435557	0.643	Silicified	3%	
71.00	72.00	1.00	435558	0.139	Silicified	1%	
72.00	73.04	1.04	435559	0.372	Silicified	18%	
73.04	74.04	1.00	435561	0.136	Silicified	2%	
74.04	75.00	0.96	435562	1.526	Silicified	2%	
75.00	76.00	1.00	435563	0.403	Silicified	3%	
76.00	77.00	1.00	435564	0.447	Silicified	2%	
77.00	78.00	1.00	435565	0.207	Silicified	4%	
78.00	79.00	1.00	435566	0.102	Silicified	9%	
79.00	80.00	1.00	435567	0.033	Silicified	2%	
80.00	81.00	1.00	435568	0.066	Silicified	1%	
81.00	82.00	1.00	435569	0.094	Silicified	2%	
82.00	83.00	1.00	435571	0.239	Silicified	2%	
83.00	84.00	1.00	435573	0.122	Silicified	1%	
84.00	85.08	1.08	435574	0.335	Silicified	4%	

85.08	86.00	0.92	435575	0.006	Silicified	40%	35cm VN02 with sil alt halo
86.00	87.00	1.00	435576	0.093	Silicified	10%	
87.00	87.96	0.96	435577	0.027	Silicified	1%	
87.96	89.00	1.04	435578	0.120	Silicified	6%	
89.00	90.00	1.00	435579	0.142	Silicified	2%	
90.00	91.00	1.00	435580	0.157	Silicified	2%	
91.00	92.00	1.00	435581	0.165	Silicified	1%	
92.00	93.00	1.00	435582	0.240	Silicified	1%	
93.00	94.00	1.00	435583	0.402	Silicified	2%	
94.00	95.00	1.00	435585	0.616	Silicified	2%	
95.00	96.00	1.00	435586	0.656	Silicified	3%	
96.00	97.00	1.00	435587	0.131	Silicified	2%	
97.00	98.08	1.08	435588	0.057	Silicified	1%	
98.08	99.00	0.92	435589	0.374	Silicified	1%	
99.00	100.00	1.00	435591	0.481	Silicified	1%	
100.00	101.00	1.00	435592	0.076	Silicified	2%	
101.00	102.00	1.00	435593	0.072	Silicified	2%	
102.00	103.00	1.00	435594	0.554	Silicified	7%	
103.00	104.03	1.03	435595	0.018	Silicified	6%	
104.03	105.00	0.97	435597	0.005	Silicified	3%	
105.00	106.00	1.00	435598	0.341	Silicified	2%	
106.00	107.00	1.00	435599	0.037	Silicified	2%	
107.00	108.00	1.00	435600	0.047	Silicified	12%	35cm of diorite dike (2)
108.00	108.96	0.96	435601	0.043	Silicified	2%	
108.96	110.00	1.04	435602	0.382	Silicified	1%	
110.00	111.00	1.00	435603	0.172	Silicified	1%	
111.00	112.00	1.00	435604	0.043	Silicified	1%	
112.00	113.00	1.00	435605	0.327	Silicified	1%	
113.00	114.00	1.00	435606	0.483	Silicified	1%	11cm at end of sample looks like ton 2
114.00	115.00	1.00	435607	0.237	Silicified	2%	
115.00	115.99	0.99	435608	0.430	Silicified	1%	
115.99	117.00	1.01	435609	0.380	Silicified	6%	
117.00	118.00	1.00	435611	0.129	Silicified	2%	
118.00	119.00	1.00	435613	0.180	Silicified	1%	
119.00	120.00	1.00	435614	0.279	Silicified	2%	
120.00	120.99	0.99	435615	0.300	Silicified	3%	

From	To	Lithologic Group	
120.99	122.03	Hydrothermal Breccia	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
120.99	122.03	1.04	435616	0.277	Silicified	1%	5% matrix, in situ style.

From	To	Lithologic Group					
122.03	134.04	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
122.03	123.00	0.97	435617	0.291	Silicified	3%	medium grained, equigranular, massive, light grey
123.00	124.00	1.00	435618	0.321	Silicified	2%	
124.00	125.12	1.12	435619	0.238	Silicified	3%	
125.12	126.00	0.88	435620	0.314	Silicified	1%	
126.00	127.00	1.00	435621	0.299	Silicified	2%	
127.00	128.00	1.00	435622	0.184	Silicified	2%	
128.00	129.00	1.00	435623	0.150	Silicified	2%	
129.00	130.04	1.04	435625	0.046	Silicified	1%	
130.04	131.00	0.96	435626	0.193	Silicified	6%	
131.00	132.00	1.00	435627	0.074	Silicified	5%	25cm tonalite 2 dyke at end of sample
132.00	132.98	0.98	435628	0.154	Silicified	4%	
132.98	134.04	1.06	435629	0.158	Silicified	4%	12cm of HdBx at end of sample no sulphides in matrix
From	To	Lithologic Group					
134.04	134.65	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
134.04	134.65	0.61	435631	0.936	Silicified	2%	in situ style hdbx, not part of main breccia body
From	To	Lithologic Group					
134.65	139.10	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
134.65	136.00	1.35	435632	0.278	Silicified	2%	medium grained, equigranular, massive, light grey, Mo in vein at 135.44m
136.00	137.00	1.00	435633	0.605	Silicified	2%	
137.00	138.00	1.00	435634	0.898	Silicified	2%	
138.00	139.10	1.10	435635	0.568	Silicified	3%	
From	To	Lithologic Group					
139.10	139.66	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
139.10	139.66	0.56	435637	0.118	Chloritic alteration	2%	medium grained, massive, equigranular, dark greenish grey
From	To	Lithologic Group					
139.66	147.91	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
139.66	141.00	1.34	435638	0.256	Silicified	3%	medium grained, massive, equigranular, light grey
141.00	142.03	1.03	435639	0.105	Silicified	2%	
142.03	143.05	1.02	435640	0.439	Silicified	3%	

143.05	144.00	0.95	435641	0.313	Silicified	5%	15cm ton 2 dyke
144.00	145.03	1.03	435642	0.498	Silicified	3%	
145.03	146.03	1.00	435643	0.643	Silicified	3%	
146.03	146.80	0.77	435644	0.449	Silicified	4%	
146.80	147.91	1.11	435645	5.040	Silicified	20%	
From	To		Lithologic Group				
147.91	148.45		Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
147.91	148.45	0.54	435646	0.170	Chloritic alteration	2%	5% tonalite due to diorite interval being to short
From	To		Lithologic Group				
148.45	149.07		Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
148.45	149.07	0.62	435647	0.450	Silicified	4%	10cm diorite dyke, alteration overprinted bx
From	To		Lithologic Group				
149.07	150.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
149.07	150.00	0.93	435649	0.360	Silicified	2%	10cm diorite dyke,10 % matrix
From	To		Lithologic Group				
150.00	151.00		Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
150.00	151.00	1.00	435651	1.169	Silicified	9%	7% matrix, 7cm diorite, silicious matrix
From	To		Lithologic Group				
151.00	151.58		Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
151.00	151.58	0.58	435652	3.810	Silicified	4%	12cm of ton2bx in diorite
From	To		Lithologic Group				
151.58	153.00		Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
151.58	153.00	1.42	435653	1.488	Silicified	9%	Ton 2 brecciating HdBx, 45% HdBx, 50% Ton2, 5% Dr dyke
From	To		Lithologic Group				
153.00	154.31		Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
153.00	154.31	1.31	435654	0.581	Silicified	5%	Ton2 with 27cm of ton, fin grained, equigranular, massive, light greyish beige
From	To		Lithologic Group				
154.31	154.86		Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

154.31	154.86	0.55	435655	0.951	Chloritic alteration	1%	fine grained, equigranular, massive, dark greenish grey,
From	To		Lithologic Group				
154.86	156.75		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
154.86	156.00	1.14	435656	5.330	Silicified	6%	strongly sil alt. overprinted HdBx, 10% matrix
156.00	156.75	0.75	435657	1.346	Silicified	4%	17cm ton2, 8% matrix
From	To		Lithologic Group				
156.75	158.00		Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
156.75	158.00	1.25	435659	1.053	Silicified	8%	ton2 brecciating tonalite, 20% ton
From	To		Lithologic Group				
158.00	171.89		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
158.00	159.00	1.00	435661	1.232	Silicified	3%	25% matrix, some more silicified than the rest
159.00	160.00	1.00	435662	4.800	Silicified	5%	15% matrix
160.00	161.00	1.00	435663	7.450	Silicified	6%	30% matrix
161.00	162.05	1.05	435664	3.880	Silicified	5%	15% matrix, VG in matrix at 161.79m and 162.02m
162.05	163.00	0.95	435666	4.730	Silicified		10% matrix
163.00	164.00	1.00	435667	3.840	Silicified	8%	30% matrix
164.00	165.00	1.00	435668	14.100	Silicified	7%	12% matrix, Mo in vein at 164.42m
165.00	166.00	1.00	435669	13.900	Silicified	5%	15% matrix, coarse grained in places
166.00	167.00	1.00	435671	1.510	Silicified	4%	10% matrix
167.00	168.09	1.09	435673	1.880	Sericitic alteration	3%	30cm diorite dike, 10% matrix
168.09	169.07	0.98	435674	2.877	Silicified	4%	10% matrix
169.07	170.00	0.93	435675	8.200	Silicified	2%	7% matrix
170.00	171.00	1.00	435676	4.060	Sericitic alteration	2%	30% matrix
171.00	171.89	0.89	435677	2.058	Sericitic alteration	2%	25% matrix, 15cm mafic dike, ser alt. overprint
From	To		Lithologic Group				
171.89	174.62		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
171.89	172.98	1.09	435678	1.003	Chloritic alteration	15%	foliated, dark greenish grey, medium grained,
172.98	174.00	1.02	435679	0.068	Chloritic alteration	5%	
174.00	174.62	0.62	435680	0.243	Chloritic alteration	5%	Mo in vein at 172.63m
From	To		Lithologic Group				
174.62	178.50		Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

174.62	176.01	1.39	435681	1.771	Silicified	3%	fine grained, massive, light beigish grey, equigranular
176.01	177.00	0.99	435682	0.257	Silicified	1%	
177.00	178.50	1.50	435683	0.674	Silicified	2%	
From	To		Lithologic Group				
178.50	179.72		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
178.50	179.72	1.22	435685	0.313	Chloritic alteration	12%	medium grained, foliated, equigranular, dark greenish grey
From	To		Lithologic Group				
179.72	181.60		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
179.72	181.00	1.28	435686	3.170	Sericitic alteration	5%	8% matrix, sericite alt. overprint, dark greenish grey matrix and light grey WR
181.00	181.60	0.60	435687	6.410	Silicified	0%	6% matrix
From	To		Lithologic Group				
181.60	183.87		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
181.60	183.00	1.40	435688	0.595	Chloritic alteration	6%	medium grained, foliated, equigranular, dark greenish grey
183.00	183.87	0.87	435689	1.260	Chloritic alteration	8%	
From	To		Lithologic Group				
183.87	187.35		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
183.87	185.00	1.13	435691	3.940	Silicified	1%	15% matrix
185.00	186.00	1.00	435692	4.290	Silicified	2%	10% matrix
186.00	187.35	1.35	435693	1.777	Silicified	5%	7% matrix
From	To		Lithologic Group				
187.35	188.15		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
187.35	188.15	0.80	435694	2.416	Chloritic alteration	15%	fine to medium grained, foliated, equigranular, dark greenish grey
From	To		Lithologic Group				
188.15	216.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
188.15	189.00	0.85	435695	2.169	Sericitic alteration	4%	5% matrix
189.00	190.00	1.00	435697	2.755	Silicified	2%	5% matrix
190.00	191.00	1.00	435698	1.661	Silicified	9%	5% matrix
191.00	192.00	1.00	435699	1.698	Silicified	1%	10% matrix
192.00	193.00	1.00	435700	1.456	Silicified	17%	30% matrix
193.00	194.00	1.00	435701	1.135	Silicified	3%	10% matrix
194.00	195.00	1.00	435702	1.792	Silicified	4%	15% matrix

195.00	196.00	1.00	435703	1.062	Silicified	2%	12% matrix
196.00	196.96	0.96	435704	0.913	Silicified	2%	10% matrix
196.96	198.00	1.04	435705	1.448	Silicified	5%	10% matrix
198.00	199.01	1.01	435706	1.129	Silicified	3%	30% matrix
199.01	200.01	1.00	435707	0.498	Silicified	3%	25% matrix
200.01	201.00	0.99	435708	0.316	Silicified		10% matrix, weakly altered wallrock, magnetic matrix
201.00	202.00	1.00	435709	1.568	Silicified	5%	15% matrix
202.00	203.00	1.00	435711	1.386	Silicified	11%	35% matrix
203.00	204.00	1.00	435713	0.947	Silicified	5%	35% matrix
204.00	205.00	1.00	435714	1.229	Silicified	3%	10% matrix
205.00	206.01	1.01	435715	0.825	Silicified	8%	7% matrix
206.01	207.00	0.99	435716	1.193	Silicified	9%	10% matrix
207.00	208.00	1.00	435717	0.340	Silicified		10% matrix
208.00	209.04	1.04	435718	0.364	Silicified	6%	2% matrix, in situ style breccia
209.04	210.00	0.96	435719	0.623	Silicified	2%	10% matrix
210.00	210.99	0.99	435720	0.777	Silicified	3%	15% matrix
210.99	211.97	0.98	435721	0.290	Silicified	0%	30% matrix
211.97	213.00	1.03	435722	0.607	Silicified	0%	30% matrix
213.00	214.00	1.00	435723	1.093	Silicified	3%	8% matrix
214.00	215.02	1.02	435725	0.292	Silicified	1%	10% matrix
215.02	216.00	0.98	435726	0.853	Silicified	5%	5% matrix

From	To	Lithologic Group					
216.00	217.04	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
216.00	217.04	1.04	435727	0.296	Silicified	3%	medium grained, massive, equigranular, light grey

From	To	Lithologic Group					
217.04	220.89	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
217.04	218.00	0.96	435728	1.034	Silicified	3%	10% matrix
218.00	219.00	1.00	435729	0.762	Sericitic alteration	1%	20% matrix
219.00	220.00	1.00	435731	1.176	Chloritic alteration	2%	40% matrix
220.00	220.89	0.89	435732	0.356	Silicified	2%	15 matrix, very high percentage of sulphides in matrix

From	To	Lithologic Group					
220.89	222.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
220.89	222.00	1.11	435733	0.342	Silicified	8%	medium grained, massive, equigranular, light pinkish grey

From	To	Lithologic Group					
222.00	232.02	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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222.00	222.98	0.98	435734	0.557	Silicified	3%	10% matrix
222.98	224.03	1.05	435735	0.340	Chloritic alteration	2%	60% matrix
224.03	225.00	0.97	435737	0.796	Sericitic alteration	2%	20% matrix, strong sericite overprint
225.00	226.10	1.10	435738	0.615	Sericitic alteration	2%	7% matrix
226.10	227.03	0.93	435739	0.809	Sericitic alteration	5%	5% matrix
227.03	228.00	0.97	435740	3.160	Sericitic alteration	1%	8% matrix
228.00	228.96	0.96	435741	0.735	Sericitic alteration	2%	10% matrix, alteration overprint of matrix, hard to see boundary
228.96	229.97	1.01	435742	0.366	Sericitic alteration	2%	20% matrix
229.97	231.00	1.03	435743	1.758	Sericitic alteration	2%	10% matrix
231.00	232.02	1.02	435744	0.329	Sericitic alteration	1%	7% matrix

From	To	Lithologic Group					
232.02	234.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
232.02	233.05	1.03	435745	0.017	Sericitic alteration	1%	medium grained, massive, equigranular, medium grey
233.05	234.00	0.95	435746	0.438	Sericitic alteration	2%	

From	To	Lithologic Group					
234.00	243.10	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
234.00	235.00	1.00	435747	1.206	Silicified	1%	15% matrix
235.00	236.00	1.00	435749	0.195	Silicified	2%	5% matrix
236.00	237.00	1.00	435751	0.481	Silicified	1%	3% matrix
237.00	238.06	1.06	435752	0.206	Sericitic alteration	1%	5% matrix
238.06	239.01	0.95	435753	0.294	Sericitic alteration	1%	3% matrix
239.01	240.00	0.99	435754	0.215	Sericitic alteration	1%	15% matrix
240.00	241.00	1.00	435755	0.332	Silicified	2%	3% matrix
241.00	241.90	0.90	435756	0.272	Sericitic alteration	3%	7% matrix
241.90	243.10	1.20	435757	0.227	Silicified	3%	10% matrix

From	To	Lithologic Group					
243.10	244.06	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
243.10	244.06	0.96	435758	0.170	Chloritic alteration	3%	fine grained, massive, equigranular, dark greenish grey

From	To	Lithologic Group					
244.06	248.27	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
244.06	245.00	0.94	435759	0.212	Silicified	1%	4% matrix
245.00	246.00	1.00	435761	0.242	Sericitic alteration	1%	3% matrix
246.00	247.00	1.00	435762	1.379	Sericitic alteration	1%	15% matrix
247.00	248.27	1.27	435763	0.413	Sericitic alteration	1%	8% matrix

From	To	Lithologic Group					
248.27	250.50	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
248.27	249.00	0.73	435764	0.005	Epidote alteration	0%	fine grained, massive, dark grey, plagioclase phyrlic
249.00	250.00	1.00	435765	0.005	Epidote alteration	1%	
250.00	250.50	0.50	435766	0.005	Epidote alteration	1%	
From	To	Lithologic Group					
250.50	256.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
250.50	252.00	1.50	435767	1.017	Sericitic alteration	3%	5% matrix
252.00	253.20	1.20	435768	0.186	Silicified	8%	2% matrix
253.20	254.00	0.80	435769	0.393	Sericitic alteration	2%	4% matrix
254.00	255.00	1.00	435771	0.699	Sericitic alteration	2%	15% matrix
255.00	256.00	1.00	435773	0.281	Sericitic alteration	2%	5% matrix
From	To	Lithologic Group					
256.00	257.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
256.00	257.00	1.00	435774	0.438	Sericitic alteration	1%	medium grained, massive, equigranular, light grey
From	To	Lithologic Group					
257.00	258.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
257.00	258.00	1.00	435775	0.561	Sericitic alteration	1%	2% matrix
From	To	Lithologic Group					
258.00	259.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
258.00	259.00	1.00	435776	0.254	Sericitic alteration	2%	medium grained, equigranular, massive, light grey
From	To	Lithologic Group					
259.00	262.04	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
259.00	260.00	1.00	435777	0.367	Sericitic alteration	1%	8% matrix
260.00	261.00	1.00	435778	0.388	Silicified	2%	4% matrix
261.00	262.04	1.04	435779	0.714	Silicified	0%	10% matrix
From	To	Lithologic Group					
262.04	263.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
262.04	263.00	0.96	435780	0.208	Sericitic alteration	1%	No matrix in other box, finish describing

From	To	Lithologic Group					
263.00	264.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
263.00	264.00	1.00	435781	0.027	Silicified	3%	x
From	To	Lithologic Group					
264.00	267.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
264.00	265.00	1.00	435782	0.006	Silicified	4%	x
265.00	266.00	1.00	435783	0.026	Silicified	3%	x
266.00	267.00	1.00	435785	0.132	Sericitic alteration	2%	x
From	To	Lithologic Group					
267.00	270.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
267.00	268.00	1.00	435786	0.096	Silicified	3%	x flt
268.00	269.00	1.00	435787	0.209	Silicified	3%	x
269.00	270.00	1.00	435788	0.132	Silicified	5%	x
From	To	Lithologic Group					
270.00	291.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
270.00	271.00	1.00	435789	0.909	Silicified	4%	x
271.00	272.00	1.00	435791	0.801	Silicified	4%	x
272.00	273.00	1.00	435792	0.252	Silicified	2%	x
273.00	274.00	1.00	435793	0.436	Silicified	3%	x
274.00	275.50	1.50	435794	0.886	Silicified	8%	x
275.50	277.00	1.50	435795	0.079	Silicified	3%	x small dyke + broken core
277.00	278.00	1.00	435797	0.281	Silicified	2%	x
278.00	279.00	1.00	435798	0.180	Silicified	4%	x
279.00	280.00	1.00	435799	0.085	Silicified	3%	x
280.00	281.00	1.00	435800	0.227	Sericitic alteration	14%	x
281.00	281.90	0.90	435801	0.064	Chloritic alteration	2%	x
281.90	283.00	1.10	435802	1.244	Sericitic alteration	5%	x
283.00	284.50	1.50	435803	1.066	Sericitic alteration	10%	x
284.50	286.00	1.50	435804	0.663	Sericitic alteration	3%	x
286.00	287.00	1.00	435805	0.256	Sericitic alteration	3%	x
287.00	288.00	1.00	435806	0.368	Sericitic alteration	3%	x
288.00	289.00	1.00	435807	0.235	Sericitic alteration	2%	x
289.00	290.00	1.00	435808	1.267	Sericitic alteration	4%	x almost hdbx
290.00	291.00	1.00	435809	0.407	Sericitic alteration	3%	x
From	To	Lithologic Group					
291.00	294.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
291.00	292.00	1.00	435811	0.337	Sericitic alteration	2%	x

292.00	293.00	1.00	435813	1.849	Sericitic alteration	4%	x
293.00	294.00	1.00	435814	0.570	Sericitic alteration	4%	x
From	To		Lithologic Group				
294.00	296.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
294.00	295.00	1.00	435815	0.413	Sericitic alteration	5%	x
295.00	296.00	1.00	435816	0.419	Sericitic alteration	2%	x
From	To		Lithologic Group				
296.00	300.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
296.00	297.00	1.00	435817	0.377	Sericitic alteration	3%	x
297.00	298.00	1.00	435818	1.374	Sericitic alteration	3%	x
298.00	299.00	1.00	435819	0.955	Sericitic alteration	10%	x
299.00	300.00	1.00	435820	0.342	Sericitic alteration	4%	x
From	To		Lithologic Group				
300.00	304.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
300.00	301.00	1.00	435821	0.431	Sericitic alteration	3%	x
301.00	302.00	1.00	435822	0.251	Silicified	3%	x
302.00	303.00	1.00	435823	0.022	Silicified	4%	x
303.00	304.00	1.00	435825	0.237	Silicified	3%	x
From	To		Lithologic Group				
304.00	306.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
304.00	305.00	1.00	435826	0.258	Silicified	5%	x
305.00	306.00	1.00	435827	0.942	Silicified	5%	x
From	To		Lithologic Group				
306.00	307.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
306.00	307.00	1.00	435828	0.091	Silicified	3%	x
From	To		Lithologic Group				
307.00	309.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
307.00	308.00	1.00	435829	0.617	Silicified	4%	x
308.00	309.00	1.00	435831	0.576	Silicified	4%	x
From	To		Lithologic Group				
309.00	310.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
309.00	310.00	1.00	435832	0.180	Silicified	3%	x

From	To	Lithologic Group					
310.00	311.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
310.00	311.00	1.00	435833	0.643	Sericitic alteration	3%	x
From	To	Lithologic Group					
311.00	311.90	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
311.00	311.90	0.90	435834	0.112	Silicified	4%	x
From	To	Lithologic Group					
311.90	316.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
311.90	313.00	1.10	435835	1.522	Sericitic alteration	4%	x
313.00	314.00	1.00	435837	1.532	Sericitic alteration	4%	x
314.00	315.00	1.00	435838	0.495	Sericitic alteration	3%	x
315.00	316.00	1.00	435839	1.586	Sericitic alteration	4%	x
From	To	Lithologic Group					
316.00	317.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
316.00	317.00	1.00	435840	0.044	Sericitic alteration	4%	x
From	To	Lithologic Group					
317.00	329.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
317.00	318.00	1.00	435841	0.286	Sericitic alteration	2%	x
318.00	319.00	1.00	435842	0.207	Sericitic alteration	2%	x
319.00	320.00	1.00	435843	0.541	Sericitic alteration	2%	x
320.00	321.00	1.00	435844	0.706	Sericitic alteration	4%	x
321.00	322.00	1.00	435845	0.177	Sericitic alteration	5%	x
322.00	323.00	1.00	435846	0.447	Sericitic alteration	3%	x
323.00	324.00	1.00	435847	1.584	Sericitic alteration	4%	x
324.00	325.00	1.00	435849	0.964	Sericitic alteration	3%	x
325.00	326.00	1.00	435851	0.487	Sericitic alteration	4%	x
326.00	327.00	1.00	435852	0.375	Sericitic alteration	2%	x
327.00	328.00	1.00	435853	0.181	Sericitic alteration	4%	x
328.00	329.00	1.00	435854	0.802	Sericitic alteration	4%	x
From	To	Lithologic Group					
329.00	330.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
329.00	330.00	1.00	435855	0.255	Sericitic alteration	3%	x
From	To	Lithologic Group					
330.00	332.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

330.00	331.00	1.00	435856	0.148	Sericitic alteration	2%	x
331.00	332.00	1.00	435857	0.320	Sericitic alteration	6%	x
From	To		Lithologic Group				
332.00	338.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
332.00	333.00	1.00	435858	0.095	Silicified	3%	x
333.00	334.00	1.00	435859	0.025	Silicified	3%	x
334.00	335.00	1.00	435861	0.005	Silicified	3%	x
335.00	336.00	1.00	435862	0.006	Silicified	4%	x
336.00	337.00	1.00	435863	0.054	Silicified	5%	x
337.00	338.00	1.00	435864	0.005	Silicified	2%	x
From	To		Lithologic Group				
338.00	340.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
338.00	339.00	1.00	435865	0.074	Silicified	4%	x
339.00	340.00	1.00	435866	0.064	Silicified	2%	x
From	To		Lithologic Group				
340.00	341.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
340.00	341.00	1.00	435867	0.013	Silicified	3%	x
From	To		Lithologic Group				
341.00	347.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
341.00	342.00	1.00	435868	0.152	Silicified	5%	x
342.00	343.00	1.00	435869	0.399	Silicified	4%	x
343.00	344.00	1.00	435871	0.045	Silicified	2%	x
344.00	345.00	1.00	435873	0.119	Silicified	5%	x
345.00	346.00	1.00	435874	0.798	Silicified	3%	x
346.00	347.00	1.00	435875	1.017	Silicified	3%	x
From	To		Lithologic Group				
347.00	350.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
347.00	348.00	1.00	435876	0.102	Silicified	3%	x
348.00	349.00	1.00	435877	0.223	Silicified	2%	x
349.00	350.00	1.00	435878	0.251	Silicified	4%	x
From	To		Lithologic Group				
350.00	362.10		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
350.00	351.00	1.00	435879	1.368	Silicified	2%	x
351.00	352.00	1.00	435880	0.929	Silicified	5%	x
352.00	353.00	1.00	435881	5.180	Silicified	6%	x

353.00	354.00	1.00	435882	0.778	Silicified	4%	x
354.00	355.00	1.00	435883	0.679	Silicified	3%	x
355.00	356.00	1.00	435885	0.701	Silicified	7%	x
356.00	357.00	1.00	435886	28.800	Silicified	12%	x
357.00	358.00	1.00	435887	20.600	Silicified	16%	x
358.00	359.00	1.00	435888	1.547	Silicified	6%	x
359.00	360.00	1.00	435889	0.676	Silicified	6%	x
360.00	361.00	1.00	435891	0.520	Silicified	8%	x
361.00	362.10	1.10	435892	0.556	Silicified	6%	x

From	To	Lithologic Group					
362.10	363.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
362.10	363.00	0.90	435893	1.073	Sericitic alteration	3%	x

From	To	Lithologic Group					
363.00	376.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
363.00	364.00	1.00	435894	0.901	Silicified	6%	x
364.00	365.00	1.00	435895	0.738	Silicified	8%	x
365.00	366.00	1.00	435897	2.005	Silicified	8%	x
366.00	367.00	1.00	435898	0.706	Silicified	7%	x
367.00	368.00	1.00	435899	16.000	Silicified	6%	x
368.00	369.00	1.00	435900	0.486	Silicified	6%	x
369.00	370.00	1.00	435901	0.928	Silicified	6%	x
370.00	371.00	1.00	435902	0.491	Silicified	2%	x
371.00	372.00	1.00	435903	0.732	Silicified	3%	x
372.00	373.00	1.00	435904	1.894	Silicified	3%	x
373.00	374.00	1.00	435905	2.192	Sericitic alteration	2%	x
374.00	375.00	1.00	435906	0.292	Silicified	5%	x
375.00	376.00	1.00	435907	1.469	Sericitic alteration	3%	x

From	To	Lithologic Group					
376.00	378.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
376.00	377.00	1.00	435908	0.096	Silicified	3%	x
377.00	378.00	1.00	435909	0.448	Silicified	3%	x

From	To	Lithologic Group					
378.00	407.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
378.00	379.00	1.00	435911	0.801	Silicified	4%	x
379.00	380.00	1.00	435913	0.783	Silicified	5%	x
380.00	381.00	1.00	435914	0.618	Silicified	4%	x
381.00	382.00	1.00	435915	1.042	Sericitic alteration	4%	x
382.00	383.00	1.00	435916	1.572	Sericitic alteration	2%	x

383.00	384.00	1.00	435917	2.329	Silicified	3%	x
384.00	385.00	1.00	435918	2.171	Silicified	4%	x
385.00	386.00	1.00	435919	0.603	Sericitic alteration	5%	x
386.00	387.00	1.00	435920	0.595	Sericitic alteration	6%	x
387.00	388.00	1.00	435921	0.411	Sericitic alteration	2%	x
388.00	389.00	1.00	435922	2.241	Silicified	8%	x
389.00	390.00	1.00	435923	0.969	Silicified	5%	x
390.00	391.00	1.00	435925	0.728	Silicified	4%	x
391.00	392.00	1.00	435926	1.797	Silicified	6%	x
392.00	393.00	1.00	435927	1.024	Silicified	8%	x
393.00	394.00	1.00	435928	4.310	Sericitic alteration	4%	x
394.00	395.00	1.00	435929	1.817	Sericitic alteration	3%	x
395.00	396.00	1.00	435931	1.322	Silicified	5%	x
396.00	397.00	1.00	435932	1.096	Sericitic alteration	3%	x
397.00	398.00	1.00	435933	0.699	Silicified	6%	x
398.00	399.00	1.00	435934	3.410	Sericitic alteration	9%	x
399.00	400.00	1.00	435935	1.621	Sericitic alteration	18%	x
400.00	401.00	1.00	435937	1.249	Silicified	8%	x
401.00	402.00	1.00	435938	2.730	Sericitic alteration	12%	x
402.00	403.00	1.00	435939	2.238	Sericitic alteration	6%	x
403.00	404.00	1.00	435940	1.170	Silicified	10%	x
404.00	405.00	1.00	435941	1.308	Silicified	8%	x
405.00	406.00	1.00	435942	1.053	Silicified	8%	x
406.00	407.00	1.00	435943	0.781	Silicified	8%	x

From	To	Lithologic Group					
407.00	409.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
407.00	408.00	1.00	435944	0.633	Silicified	3%	x
408.00	409.00	1.00	435945	0.446	Silicified	4%	x

From	To	Lithologic Group					
409.00	410.35	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
409.00	410.35	1.35	435946	0.455	Silicified	15%	x

From	To	Lithologic Group					
410.35	412.60	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
410.35	411.40	1.05	435947	0.263	Biotitic alteration	35%	x dyke + Big QZ vns
411.40	412.60	1.20	435949	0.044	Biotitic alteration	60%	x dyke + Big QZ vns + small ton fragment

From	To	Lithologic Group					
412.60	445.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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412.60	414.00	1.40	435951	0.566	Silicified	4%	x
414.00	415.00	1.00	435952	0.063	Silicified	5%	x
415.00	416.00	1.00	435953	0.386	Silicified	3%	x
416.00	417.00	1.00	435954	0.179	Silicified	2%	x
417.00	418.00	1.00	435955	0.650	Silicified	4%	x
418.00	419.00	1.00	435956	0.860	Silicified	4%	x
419.00	420.00	1.00	435957	0.559	Silicified	6%	x
420.00	421.00	1.00	435958	0.255	Silicified	3%	x
421.00	422.00	1.00	435959	0.086	Silicified	6%	x
422.00	423.00	1.00	435961	0.165	Silicified	3%	x
423.00	424.00	1.00	435962	0.295	Silicified	1%	x
424.00	425.00	1.00	435963	0.036	Silicified	5%	x
425.00	426.00	1.00	435964	0.191	Silicified	3%	x
426.00	427.00	1.00	435965	0.244	Silicified	12%	x
427.00	428.00	1.00	435966	0.115	Silicified	1%	x
428.00	429.00	1.00	435967	0.053	Silicified	2%	x
429.00	430.00	1.00	435968	0.149	Silicified	2%	x
430.00	431.00	1.00	435969	0.087	Silicified	2%	x
431.00	432.00	1.00	435971	0.301	Silicified	3%	x
432.00	433.00	1.00	435973	0.125	Silicified	4%	x
433.00	434.00	1.00	435974	0.375	Sericitic alteration	6%	x
434.00	435.00	1.00	435975	0.182	Sericitic alteration	6%	x
435.00	436.00	1.00	435976	0.208	Sericitic alteration	12%	x
436.00	437.00	1.00	435977	1.299	Sericitic alteration	10%	x
437.00	438.00	1.00	435978	0.085	Sericitic alteration	2%	x
438.00	439.00	1.00	435979	0.122	Sericitic alteration	1%	x
439.00	440.00	1.00	435980	0.077	Sericitic alteration	3%	x
440.00	441.00	1.00	435981	0.030	Sericitic alteration	3%	x
441.00	442.00	1.00	435982	0.187	Sericitic alteration	3%	x
442.00	443.00	1.00	435983	0.049	Sericitic alteration	2%	x
443.00	444.00	1.00	435985	0.024	Sericitic alteration	5%	x
444.00	445.00	1.00	435986	0.349	Sericitic alteration	3%	x

From	To	Lithologic Group					
445.00	448.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
445.00	446.00	1.00	435987	0.712	Sericitic alteration	8%	x
446.00	447.00	1.00	435988	0.280	Sericitic alteration	6%	x
447.00	448.00	1.00	435989	0.275	Sericitic alteration	3%	x

From	To	Lithologic Group					
448.00	462.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
448.00	449.00	1.00	435991	0.237	Sericitic alteration	2%	x

449.00	450.00	1.00	435992	1.658	Sericitic alteration	8%	x
450.00	451.00	1.00	435993	0.207	Sericitic alteration	3%	x
451.00	452.00	1.00	435994	1.023	Sericitic alteration	6%	x
452.00	453.00	1.00	435995	0.024	Sericitic alteration	12%	x
453.00	454.00	1.00	435997	0.044	Sericitic alteration	3%	x
454.00	455.00	1.00	435998	0.032	Sericitic alteration	5%	x
455.00	456.00	1.00	435999	0.355	Sericitic alteration	8%	x
456.00	457.00	1.00	436000	0.041	Sericitic alteration	5%	x
457.00	458.00	1.00	438751	0.163	Sericitic alteration	4%	x
458.00	459.00	1.00	438752	0.167	Silicified	3%	x
459.00	460.00	1.00	438753	0.129	Silicified	10%	x
460.00	461.00	1.00	438754	0.086	Silicified	1%	x
461.00	462.00	1.00	438755	0.141	Silicified	2%	x

From	To	Lithologic Group					
462.00	463.00	Tonalite 2 Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
462.00	463.00	1.00	438756	0.060	Silicified	3%	x

From	To	Lithologic Group					
463.00	467.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
463.00	464.00	1.00	438757	0.084	Silicified	2%	x
464.00	465.00	1.00	438758	0.047	Silicified	3%	x
465.00	466.00	1.00	438759	0.007	Silicified	2%	x
466.00	467.00	1.00	438761	0.197	Silicified	2%	x

From	To	Lithologic Group					
467.00	473.00	Tonalite 2 Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
467.00	468.00	1.00	438762	0.006	Silicified	3%	x
468.00	469.00	1.00	438763	0.018	Silicified	3%	x
469.00	470.00	1.00	438764	0.016	Silicified	4%	x
470.00	471.00	1.00	438765	0.052	Silicified	4%	x
471.00	472.00	1.00	438766	0.071	Silicified	3%	x
472.00	473.00	1.00	438767	0.719	Silicified	3%	x

From	To	Lithologic Group					
473.00	474.00	Tonalite 2					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
473.00	474.00	1.00	438768	0.020	Silicified	3%	x

DRILL HOLE REPORT

Drill Hole **GOS21-82** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 323.3
 Dip -59.0
 Length 441.0 m
 Started 14-May-21
 Completed 31-May-21
 Logged 01-Jun-21
 Logged by Brian Tomczuk

Company
 Contractor Chenier Drilling Services
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Cemented

Survey Details:

Claim Number PAT-11117
 Property Chester - 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool GPS

Coordinates:

Target Easting 430630.24
 Comments UTM Datum NAD83 Northing 5267489.86
 UTM Zone 17 Elevation 384.74

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
3.0	323.36	-58.99	54800			36.0	324.20	-58.73	54924		
6.0	322.63	-59.01	54598			39.0	324.25	-58.74	54739		
9.0	321.57	-59.03	54543			42.0	323.80	-58.74	54616		
12.0	321.18	-58.97	54756			45.0	323.16	-58.68	54626		
15.0	321.57	-59.02	54832			48.0	324.05	-58.56	55251		
18.0	321.85	-58.92	54753			51.0	323.75	-58.72	54732		
21.0	321.49	-58.88	54662			54.0	322.82	-58.65	54810		
24.0	320.63	-58.85	54743			57.0	324.86	-58.65	54807		
27.0	320.10	-58.84	54729			66.0	325.87	-58.65	54834		
30.0	320.39	-58.82	55175			72.0	326.21	-58.64	54705		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
75.0	327.83	-58.62	55414		
81.0	324.98	-58.58	54873		
84.0	326.02	-58.58	54406		
87.0	325.52	-58.58	54056		
90.0	323.21	-58.58	55210		
93.0	323.99	-58.53	55511		
99.0	325.22	-58.55	54268		
114.0	322.85	-58.48	55095		
117.0	322.67	-58.47	54973		
120.0	322.68	-58.45	54897		
123.0	322.93	-58.46	54794		
126.0	323.16	-58.42	54802		
129.0	323.51	-58.40	54837		
132.0	323.52	-58.38	54848		
135.0	323.49	-58.36	54852		
138.0	323.57	-58.34	54841		
141.0	323.67	-58.31	54848		
144.0	323.73	-58.30	54870		
147.0	323.80	-58.27	54885		
150.0	323.86	-58.22	54900		
153.0	323.77	-58.27	54907		
156.0	323.81	-58.27	54920		
159.0	323.80	-58.23	54926		
162.0	323.92	-58.16	54933		
165.0	323.92	-58.17	54929		
168.0	323.86	-58.19	54939		
171.0	323.88	-58.19	54936		
174.0	323.90	-58.14	54939		
177.0	324.11	-58.02	54950		
180.0	324.16	-57.94	54956		
183.0	324.07	-57.98	54964		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
186.0	324.19	-57.91	54977		
189.0	324.19	-57.86	54953		
192.0	324.25	-57.83	54996		
195.0	324.17	-57.84	54997		
198.0	324.33	-57.75	54995		
201.0	324.23	-57.74	54996		
204.0	324.32	-57.69	55011		
207.0	324.28	-57.68	55022		
210.0	324.31	-57.59	55034		
213.0	324.27	-57.57	55048		
216.0	324.31	-57.51	55055		
219.0	323.97	-57.65	55063		
222.0	324.24	-57.38	55084		
225.0	323.71	-57.38	54806		
228.0	324.29	-57.33	55067		
231.0	324.29	-57.26	55004		
234.0	324.25	-57.27	55065		
237.0	324.27	-57.23	55098		
240.0	324.33	-57.21	55080		
243.0	324.35	-57.14	55066		
246.0	324.32	-57.11	55002		
249.0	323.65	-57.09	54780		
252.0	324.34	-57.08	54937		
255.0	324.16	-57.03	54789		
258.0	324.28	-57.04	54966		
261.0	324.19	-56.97	54927		
264.0	324.35	-56.98	55095		
267.0	323.98	-56.96	55205		
270.0	323.22	-56.96	55164		
273.0	323.97	-56.94	54825		
276.0	324.27	-56.88	54800		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
279.0	324.21	-56.82	54986		
282.0	324.34	-56.82	54539		
285.0	323.92	-56.79	54615		
288.0	324.91	-56.75	54942		
291.0	324.61	-56.77	54988		
294.0	324.71	-56.74	54867		
297.0	324.32	-56.70	54787		
300.0	324.49	-56.71	54965		
303.0	324.61	-56.65	54941		
306.0	324.69	-56.65	54942		
309.0	324.77	-56.60	54955		
312.0	324.80	-56.59	54959		
315.0	324.92	-56.55	54966		
318.0	324.92	-56.53	54967		
321.0	324.99	-56.51	54971		
324.0	325.05	-56.49	54982		
327.0	325.10	-56.47	54984		
330.0	325.29	-56.45	54963		
333.0	325.27	-56.45	55006		
336.0	325.40	-56.40	55053		
339.0	324.98	-56.35	54836		
342.0	324.78	-56.31	54627		
345.0	324.68	-56.32	55012		
348.0	323.63	-56.32	54748		
351.0	325.27	-56.26	54942		
354.0	325.46	-56.29	55023		
357.0	325.31	-56.28	55054		
360.0	325.25	-56.25	55028		
363.0	325.11	-56.28	55033		
366.0	325.35	-56.30	55003		
369.0	325.01	-56.33	54977		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
372.0	325.00	-56.33	55167		
375.0	324.47	-56.30	54828		
378.0	325.62	-56.30	54991		
381.0	324.31	-56.27	54721		
384.0	325.75	-56.26	55046		
387.0	325.64	-56.24	55061		
390.0	325.64	-56.24	55049		
393.0	325.65	-56.21	55125		
396.0	325.66	-56.19	55107		
399.0	325.61	-56.15	55129		
402.0	325.59	-56.18	55156		
405.0	325.57	-56.11	55155		
408.0	325.53	-56.07	55145		
411.0	326.11	-56.02	55158		
414.0	325.53	-55.99	55161		
417.0	326.00	-56.00	54950		
420.0	325.61	-55.94	55034		
423.0	325.55	-55.94	54577		
426.0	325.59	-55.96	55074		
429.0	325.67	-55.93	55026		
432.0	325.66	-55.92	54987		
435.0	325.20	-55.86	55018		
438.0	325.32	-55.81	55093		
441.0	324.79	-55.77	54941		

From		To		Lithologic Group			
0.00		6.65		Overburden			
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	6.65	6.65			Unaltered		
From		To		Lithologic Group			
6.65		27.47		Tonalite			
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
6.65	8.00	1.35	431351	0.009	Silicified	2%	mg, mass, non-mag, grey-pink
8.00	9.00	1.00	431352	0.409	Silicified	5%	
9.00	10.00	1.00	431353	0.013	Silicified	4%	
10.00	11.00	1.00	431354	0.012	Silicified	2%	
11.00	12.00	1.00	431355	0.042	Silicified	0%	
12.00	13.00	1.00	431356	0.032	Sericitic alteration	2%	
13.00	14.00	1.00	431357	0.005	Silicified	1%	
14.00	15.00	1.00	431358	0.222	Silicified	4%	
15.00	16.00	1.00	431359	0.021	Sericitic alteration	3%	
16.00	17.00	1.00	431361	0.013	Silicified	1%	
17.00	18.00	1.00	431362	0.177	Silicified	2%	
18.00	19.00	1.00	431363	0.043	Silicified	1%	sample contains 35cm mafic dike
19.00	20.00	1.00	431364	0.036	Silicified	2%	
20.00	21.00	1.00	431365	0.037	Silicified	2%	
21.00	22.00	1.00	431366	0.027	Silicified	2%	
22.00	23.00	1.00	431367	0.032	Silicified	2%	
23.00	24.00	1.00	431368	0.030	Silicified	1%	
24.00	25.00	1.00	431369	0.061	Silicified	2%	
25.00	26.00	1.00	431371	0.028	Silicified	3%	
26.00	27.47	1.47	431373	0.063	Silicified	4%	
From		To		Lithologic Group			
27.47		28.50		Quartz diorite			
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
27.47	28.50	1.03	431374	0.444	Chloritic alteration	1%	cg, mass, non-mag to vwklly locally, off white to green
From		To		Lithologic Group			
28.50		49.00		Diorite			
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
28.50	30.00	1.50	431375	0.011	Chloritic alteration	1%	mg, drk grn, non-mag to vwklly locally, mass
30.00	31.50	1.50	431376	0.073	Chloritic alteration	3%	

31.50	33.00	1.50	431377	0.030	Chloritic alteration	3%
33.00	34.50	1.50	431378	0.017	Chloritic alteration	2%
34.50	36.00	1.50	431379	0.015	Chloritic alteration	0%
36.00	37.50	1.50	431380	0.034	Chloritic alteration	4%
37.50	39.00	1.50	431381	0.026	Chloritic alteration	1%
39.00	40.50	1.50	431382	0.148	Chloritic alteration	2%
40.50	42.00	1.50	431383	0.068	Chloritic alteration	2%
42.00	43.00	1.00	431385	0.035	Chloritic alteration	1%
43.00	44.50	1.50	431386	0.761	Chloritic alteration	7%
44.50	46.00	1.50	431387	0.892	Chloritic alteration	2%
46.00	47.50	1.50	431388	0.027	Chloritic alteration	2%
47.50	49.00	1.50	431389	0.164	Chloritic alteration	0%

From	To	Lithologic Group				
49.00	58.00	Quartz diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
49.00	50.00	1.00	431391	0.044	Chloritic alteration	0%	qdr, leuco grading to melanocratic, mg-cg, light beige pink to drk grn, massive, non-magnetic
50.00	51.50	1.50	431392	0.090	Chloritic alteration	0%	
51.50	53.00	1.50	431393	0.073	Chloritic alteration	2%	
53.00	54.50	1.50	431394	0.029	Chloritic alteration	1%	
54.50	56.00	1.50	431395	0.155	Chloritic alteration	0%	more dioritic in comp
56.00	57.00	1.00	431397	0.153	Chloritic alteration	0%	
57.00	58.00	1.00	431398	0.106	Chloritic alteration	0%	

From	To	Lithologic Group				
58.00	62.20	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
58.00	59.60	1.60	431399	0.744	Chloritic alteration	2%	grades from QDR to Ton, drk grn, mg, non-magnetic, narrow patches of ton bx
59.60	61.00	1.40	431400	0.085	Chloritic alteration	0%	
61.00	62.20	1.20	431401	0.021	Chloritic alteration	4%	

From	To	Lithologic Group				
62.20	63.35	Tonalite Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
62.20	63.35	1.15	431402	0.043	Chloritic alteration	0%	rel unaltered ton mtx w 7% rounded mafic frgs, massive, shrp contact dh, gry

From	To	Lithologic Group				
63.35	108.50	Diabase				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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63.35	63.95	0.60	431403	0.012	Unaltered	0%	brecciated contact with cooked up ton frgs; drk gry-black, magnetic, NVS, plag phenos ep altd
63.95	65.00	1.05	431404	0.007	Unaltered	0%	
65.00	66.00	1.00	431405	0.006	Unaltered	0%	
66.00	107.00	41.00			Unaltered	0%	
107.00	108.50	1.50	431406	0.006	Unaltered	0%	
From	To	Lithologic Group					
108.50	109.70	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
108.50	109.70	1.20	431407	0.088	Chloritic alteration	2%	ton frag in diab, mg, mass, pinkish; narrow <10cm diab section within tnlt
From	To	Lithologic Group					
109.70	110.65	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
109.70	110.65	0.95	431408	0.005	Unaltered	0%	fg, drk gry to black, mass, magnetic
From	To	Lithologic Group					
110.65	111.30	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
110.65	111.30	0.65	431409	0.011	Chloritic alteration	1%	ton frag in diab, mg, mass, pinkish-gry
From	To	Lithologic Group					
111.30	111.90	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
111.30	111.90	0.60	431411	0.005	Unaltered	0%	fg, drk gry to black, mass, magnetic
From	To	Lithologic Group					
111.90	153.15	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
111.90	113.00	1.10	431413	0.007	Chloritic alteration	1%	mg, mass, pinkish-gry, shrp upper contact w diab, non-magnetic
113.00	114.00	1.00	431414	0.023	Chloritic alteration	1%	
114.00	115.00	1.00	431415	0.006	Chloritic alteration	2%	
115.00	116.00	1.00	431416	0.026	Sericitic alteration	3%	
116.00	117.40	1.40	431417	0.006	Sericitic alteration	1%	
117.40	118.50	1.10	431418	0.012	Sericitic alteration	1%	
118.50	119.50	1.00	431419	0.008	Sericitic alteration	1%	
119.50	120.50	1.00	431420	0.070	Sericitic alteration	12%	
120.50	121.50	1.00	431421	0.096	Sericitic alteration	20%	
121.50	122.50	1.00	431422	0.054	Sericitic alteration	6%	
122.50	123.50	1.00	431423	0.562	Sericitic alteration	25%	

123.50	124.50	1.00	431425	0.018	Sericitic alteration	5%	
124.50	125.50	1.00	431426	0.019	Sericitic alteration	4%	
125.50	126.50	1.00	431427	0.073	Sericitic alteration	15%	
126.50	127.25	0.75	431428	0.640	Sericitic alteration	5%	
127.25	128.00	0.75	431429	0.150	Silicified	2%	
128.00	129.00	1.00	431431	0.046	Sericitic alteration	2%	
129.00	130.00	1.00	431432	0.070	Silicified	1%	
130.00	131.00	1.00	431433	0.030	Sericitic alteration	1%	
131.00	132.00	1.00	431434	0.041	Sericitic alteration	2%	
132.00	133.00	1.00	431435	0.028	Sericitic alteration	3%	
133.00	134.00	1.00	431437	0.037	Sericitic alteration	2%	
134.00	135.00	1.00	431438	0.023	Sericitic alteration	1%	
135.00	136.00	1.00	431439	0.137	Sericitic alteration	1%	
136.00	137.00	1.00	431440	0.070	Sericitic alteration	1%	
137.00	138.00	1.00	431441	0.031	Sericitic alteration	2%	
138.00	139.00	1.00	431442	0.026	Sericitic alteration	1%	
139.00	140.00	1.00	431443	0.070	Silicified	2%	
140.00	141.00	1.00	431444	1.110	Silicified	4%	
141.00	142.00	1.00	431445	0.069	Sericitic alteration	1%	
142.00	143.00	1.00	431446	0.035	Sericitic alteration	1%	
143.00	144.00	1.00	431447	0.053	Sericitic alteration	1%	
144.00	145.00	1.00	431449	0.014	Sericitic alteration	1%	
145.00	146.00	1.00	431451	0.018	Silicified	1%	
146.00	147.00	1.00	431452	0.178	Silicified	3%	
147.00	148.00	1.00	431453	0.072	Silicified	1%	Caitlin logging from here down; pitted surface
148.00	148.70	0.70	431454	0.086	Silicified	1%	
148.70	150.00	1.30	431455	0.038	Silicified	3%	
150.00	151.00	1.00	431456	0.517	Silicified	5%	
151.00	152.00	1.00	431457	0.024	Silicified	4%	pitted surface
152.00	153.15	1.15	431458	0.068	Silicified	1%	pitted surface

From	To	Lithologic Group	
153.15	156.40	Mafic Dyke	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
153.15	154.00	0.85	431459	0.049	Chloritic alteration	3%	
154.00	155.00	1.00	431461	0.027	Chloritic alteration	15%	
155.00	156.40	1.40	431462	0.010	Chloritic alteration	1%	

From	To	Lithologic Group	
156.40	213.65	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
156.40	157.00	0.60	431463	0.044	Silicified	3%	
157.00	158.00	1.00	431464	0.022	Silicified	1%	pitted surface

158.00	159.00	1.00	431465	0.019	Biotitic alteration	0%	pitted surface
159.00	160.00	1.00	431466	0.160	Biotitic alteration	1%	pitted surface
160.00	161.00	1.00	431467	0.037	Silicified	1%	pitted surface
161.00	162.50	1.50	431468	0.050	Silicified	1%	
162.50	164.00	1.50	431469	0.163	Sericitic alteration	3%	
164.00	164.70	0.70	431471	0.075	Silicified	1%	
164.70	166.00	1.30	431473	0.310	Sericitic alteration	3%	
166.00	167.00	1.00	431474	0.114	Sericitic alteration	3%	
167.00	168.00	1.00	431475	0.121	Sericitic alteration	2%	
168.00	169.00	1.00	431476	0.036	Sericitic alteration	1%	
169.00	170.00	1.00	431477	0.150	Sericitic alteration	1%	
170.00	171.00	1.00	431478	0.021	Sericitic alteration	1%	
171.00	172.00	1.00	431479	0.039	Sericitic alteration	1%	
172.00	173.00	1.00	431480	0.091	Sericitic alteration	1%	
173.00	173.70	0.70	431481	0.166	Silicified	2%	pitted
173.70	175.00	1.30	431482	0.348	Hematitic alteration	1%	pitted
175.00	176.30	1.30	431483	0.033	Hematitic alteration	0%	pitted
176.30	177.00	0.70	431485	2.193	Sericitic alteration	1%	
177.00	178.00	1.00	431486	0.019	Sericitic alteration	2%	
178.00	179.00	1.00	431487	0.074	Hematitic alteration	1%	
179.00	180.00	1.00	431488	0.027	Hematitic alteration	1%	
180.00	181.00	1.00	431489	0.013	Hematitic alteration	1%	
181.00	182.00	1.00	431491	0.127	Hematitic alteration	1%	
182.00	183.00	1.00	431492	0.586	Hematitic alteration	3%	
183.00	184.00	1.00	431493	0.005	Hematitic alteration	3%	
184.00	185.00	1.00	431494	0.035	Hematitic alteration	2%	
185.00	186.00	1.00	431495	0.050	Hematitic alteration	2%	
186.00	187.00	1.00	431497	0.012	Hematitic alteration	1%	
187.00	188.00	1.00	431498	0.061	Hematitic alteration	2%	
188.00	189.00	1.00	431499	0.016	Hematitic alteration	1%	
189.00	190.00	1.00	431500	0.056	Hematitic alteration	1%	
190.00	191.00	1.00	433501	0.022	Hematitic alteration	1%	
191.00	192.00	1.00	433502	0.031	Hematitic alteration	1%	
192.00	193.00	1.00	433503	0.021	Hematitic alteration	4%	
193.00	194.00	1.00	433504	0.187	Hematitic alteration	2%	
194.00	195.00	1.00	433505	0.011	Hematitic alteration	1%	
195.00	196.00	1.00	433506	0.015	Hematitic alteration	1%	
196.00	197.00	1.00	433507	0.016	Hematitic alteration	1%	
197.00	198.00	1.00	433508	0.013	Hematitic alteration	1%	
198.00	199.00	1.00	433509	0.008	Hematitic alteration	1%	
199.00	200.00	1.00	433511	0.007	Hematitic alteration	1%	
200.00	201.00	1.00	433513	0.011	Hematitic alteration	1%	

201.00	202.00	1.00	433514	0.009	Hematitic alteration	1%	
202.00	203.00	1.00	433515	0.011	Sericitic alteration	1%	
203.00	204.00	1.00	433516	0.008	Hematitic alteration	1%	
204.00	205.00	1.00	433517	0.005	Hematitic alteration	1%	
205.00	206.00	1.00	433518	0.005	Hematitic alteration	1%	
206.00	207.00	1.00	433519	0.005	Hematitic alteration	1%	
207.00	208.00	1.00	433520	0.005	Sericitic alteration	2%	
208.00	209.00	1.00	433521	0.005	Hematitic alteration	1%	
209.00	210.00	1.00	433522	0.005	Hematitic alteration	1%	
210.00	211.00	1.00	433523	0.026	Hematitic alteration	1%	
211.00	212.00	1.00	433525	0.048	Silicified	2%	
212.00	213.00	1.00	433526	0.112	Silicified	1%	pitted surface
213.00	213.65	0.65	433527	0.061	Silicified	0%	pitted surface

From	To	Lithologic Group					
213.65	217.10	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
213.65	215.00	1.35	433528	0.005	Chloritic alteration	1%	
215.00	216.25	1.25	433529	0.007	Chloritic alteration	1%	CAITLIN check end depth of this sample
216.25	217.10	0.85	433531	0.006	Chloritic alteration	0%	

From	To	Lithologic Group					
217.10	241.95	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
217.10	217.95	0.85	433532	0.063	Silicified	1%	
217.95	219.00	1.05	433533	0.674	Sericitic alteration	10%	
219.00	220.00	1.00	433534	0.221	Sericitic alteration	1%	
220.00	221.00	1.00	433535	0.151	Sericitic alteration	1%	
221.00	222.00	1.00	433537	0.072	Sericitic alteration	1%	
222.00	223.00	1.00	433538	0.006	Sericitic alteration	1%	
223.00	224.00	1.00	433539	0.018	Sericitic alteration	1%	
224.00	225.00	1.00	433540	0.043	Sericitic alteration	1%	
225.00	226.00	1.00	433541	0.009	Silicified	1%	
226.00	227.00	1.00	433542	0.010	Sericitic alteration	1%	
227.00	228.00	1.00	433543	0.027	Silicified	2%	
228.00	229.00	1.00	433544	0.082	Sericitic alteration	1%	
229.00	230.00	1.00	433545	0.021	Sericitic alteration	1%	
230.00	231.00	1.00	433546	0.025	Silicified	1%	
231.00	232.00	1.00	433547	0.037	Sericitic alteration	1%	
232.00	233.00	1.00	433549	0.006	Sericitic alteration	1%	
233.00	234.00	1.00	433551	0.010	Sericitic alteration	1%	
234.00	235.00	1.00	433552	0.009	Sericitic alteration	1%	
235.00	236.00	1.00	433553	0.033	Sericitic alteration	2%	

236.00	237.00	1.00	433554	0.013	Sericitic alteration	1%
237.00	238.15	1.15	433555	0.084	Sericitic alteration	2%
238.15	239.00	0.85	433556	0.014	Sericitic alteration	2%
239.00	240.00	1.00	433557	0.048	Sericitic alteration	3%
240.00	241.00	1.00	433558	0.058	Chloritic alteration	1%
241.00	241.95	0.95	433559	0.005	Chloritic alteration	1%

From	To	Lithologic Group				
241.95	245.00	Quartz diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
241.95	243.00	1.05	433561	0.019	Chloritic alteration	2%	mg-cg, qtz porphyritic, melanocratic
243.00	244.00	1.00	433562	0.029	Chloritic alteration	2%	
244.00	245.00	1.00	433563	0.008	Chloritic alteration	1%	

From	To	Lithologic Group				
245.00	246.00	Diorite Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
245.00	246.00	1.00	433564	0.225	Chloritic alteration	2%	subrounded ton frags in diorite matrix; 60% fragments

From	To	Lithologic Group				
246.00	249.50	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
246.00	246.80	0.80	433565	0.007	Chloritic alteration	20%	
246.80	248.00	1.20	433566	0.005	Sericitic alteration	10%	
248.00	249.50	1.50	433567	0.194	Sericitic alteration	7%	

From	To	Lithologic Group				
249.50	253.00	Quartz diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
249.50	251.00	1.50	433568	0.067	Chloritic alteration	1%	
251.00	252.00	1.00	433569	0.047	Chloritic alteration	1%	
252.00	253.00	1.00	433571	0.005	Chloritic alteration	1%	

From	To	Lithologic Group				
253.00	254.00	Quartz Diorite Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
253.00	254.00	1.00	433573	7.020	Chloritic alteration	3%	70% Ton fragments

From	To	Lithologic Group				
254.00	275.75	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
254.00	255.00	1.00	433574	0.432	Sericitic alteration	3%	
255.00	256.00	1.00	433575	0.165	Sericitic alteration	1%	
256.00	257.00	1.00	433576	0.088	Sericitic alteration	3%	
257.00	258.00	1.00	433577	0.047	Sericitic alteration	1%	
258.00	259.00	1.00	433578	0.073	Sericitic alteration	1%	

259.00	260.00	1.00	433579	0.080	Sericitic alteration	2%
260.00	261.00	1.00	433580	0.018	Sericitic alteration	1%
261.00	262.00	1.00	433581	0.117	Sericitic alteration	1%
262.00	263.00	1.00	433582	0.088	Sericitic alteration	1%
263.00	264.00	1.00	433583	0.044	Sericitic alteration	1%
264.00	265.00	1.00	433585	0.029	Sericitic alteration	1%
265.00	266.00	1.00	433586	0.067	Sericitic alteration	1%
266.00	267.00	1.00	433587	0.084	Sericitic alteration	1%
267.00	268.00	1.00	433588	0.360	Sericitic alteration	1%
268.00	269.00	1.00	433589	0.821	Sericitic alteration	2%
269.00	270.00	1.00	433591	2.006	Sericitic alteration	3%
270.00	271.00	1.00	433592	0.328	Sericitic alteration	1%
271.00	272.00	1.00	433593	0.343	Sericitic alteration	5%
272.00	273.00	1.00	433594	0.351	Sericitic alteration	2%
273.00	274.00	1.00	433595	0.881	Sericitic alteration	2%
274.00	275.00	1.00	433597	0.093	Sericitic alteration	1%
275.00	275.75	0.75	433598	2.564	Sericitic alteration	1%

From	To	Lithologic Group				
275.75	283.90	Quartz Feldspar porphyry				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
275.75	277.00	1.25	433599	0.007	Chloritic alteration	0%	Qfprphy dyke interval with chilled margins (?). Fine-grained, green, massive rock at margins, grading into mg-cg feldspar-porphyritic intermediate rock in center, and grading back to fine-grained margin at base
277.00	278.00	1.00	433600	0.005	Chloritic alteration	0%	
278.00	279.00	1.00	433601	0.029	Chloritic alteration	0%	
279.00	280.00	1.00	433602	0.007	Chloritic alteration	0%	
280.00	281.00	1.00	433603	0.005	Chloritic alteration	0%	
281.00	282.00	1.00	433604	0.005	Chloritic alteration	1%	
282.00	283.00	1.00	433605	0.005	Chloritic alteration	4%	
283.00	283.90	0.90	433606	0.010	Chloritic alteration	2%	

From	To	Lithologic Group				
283.90	301.80	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
283.90	285.00	1.10	433607	0.067	Sericitic alteration	4%	
285.00	286.00	1.00	433608	0.105	Sericitic alteration	1%	
286.00	287.00	1.00	433609	0.072	Sericitic alteration	1%	
287.00	288.00	1.00	433611	0.400	Sericitic alteration	3%	
288.00	289.00	1.00	433613	0.060	Sericitic alteration	1%	
289.00	290.00	1.00	433614	0.027	Sericitic alteration	1%	

290.00	291.00	1.00	433615	0.033	Silicified	1%
291.00	292.00	1.00	433616	0.046	Sericitic alteration	2%
292.00	293.00	1.00	433617	0.029	Sericitic alteration	5%
293.00	294.00	1.00	433618	0.868	Sericitic alteration	1%
294.00	295.00	1.00	433619	0.214	Sericitic alteration	2%
295.00	296.00	1.00	433620	0.097	Sericitic alteration	2%
296.00	297.00	1.00	433621	0.121	Sericitic alteration	2%
297.00	298.00	1.00	433622	0.051	Sericitic alteration	1%
298.00	299.00	1.00	433623	0.021	Sericitic alteration	2%
299.00	300.00	1.00	433625	0.039	Sericitic alteration	1%
300.00	300.60	0.60	433626	0.018	Sericitic alteration	2%
300.60	301.80	1.20	433627	0.914	Sericitic alteration	40%

30% of sample is one subparallel VN03; the rest of the veins are smaller, at high angles TCA

From	To	Lithologic Group				
301.80	302.60	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
301.80	302.60	0.80	433628	0.023	Chloritic alteration	7%	

From	To	Lithologic Group				
302.60	415.60	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
302.60	304.00	1.40	433629	0.075	Sericitic alteration	2%	
304.00	305.00	1.00	433631	0.011	Sericitic alteration	1%	
305.00	306.00	1.00	433632	0.716	Sericitic alteration	2%	
306.00	307.00	1.00	433633	0.047	Sericitic alteration	1%	
307.00	308.00	1.00	433634	0.005	Silicified	1%	
308.00	309.00	1.00	433635	0.184	Silicified	1%	
309.00	310.00	1.00	433637	0.127	Sericitic alteration	1%	
310.00	311.00	1.00	433638	1.058	Sericitic alteration	2%	
311.00	312.00	1.00	433639	0.242	Sericitic alteration	5%	
312.00	313.00	1.00	433640	0.051	Sericitic alteration	1%	
313.00	314.00	1.00	433641	1.294	Sericitic alteration	1%	
314.00	315.00	1.00	433642	0.013	Sericitic alteration	1%	
315.00	316.00	1.00	433643	0.102	Sericitic alteration	3%	
316.00	317.00	1.00	433644	0.014	Sericitic alteration	2%	
317.00	318.00	1.00	433645	0.440	Sericitic alteration	1%	
318.00	319.00	1.00	433646	2.281	Sericitic alteration	5%	
319.00	320.00	1.00	433647	0.177	Sericitic alteration	2%	
320.00	321.00	1.00	433649	0.235	Sericitic alteration	2%	
321.00	322.00	1.00	433651	0.036	Sericitic alteration	1%	
322.00	323.00	1.00	433652	0.010	Sericitic alteration	1%	
323.00	324.00	1.00	433653	2.185	Sericitic alteration	1%	

324.00	325.00	1.00	433654	0.033	Sericitic alteration	1%	
325.00	326.00	1.00	433655	0.018	Sericitic alteration	2%	
326.00	327.00	1.00	433656	0.230	Sericitic alteration	1%	
327.00	328.00	1.00	433657	0.040	Sericitic alteration	1%	
328.00	329.00	1.00	433658	0.041	Sericitic alteration	2%	
329.00	330.00	1.00	433659	0.652	Sericitic alteration	2%	
330.00	331.00	1.00	433661	0.038	Sericitic alteration	1%	
331.00	332.00	1.00	433662	0.075	Sericitic alteration	2%	
332.00	333.00	1.00	433663	0.079	Sericitic alteration	1%	
333.00	334.00	1.00	433664	0.517	Sericitic alteration	2%	
334.00	335.00	1.00	433665	0.668	Sericitic alteration	1%	
335.00	336.00	1.00	433666	0.010	Sericitic alteration	1%	
336.00	337.00	1.00	433667	0.044	Sericitic alteration	1%	
337.00	338.00	1.00	433668	0.009	Sericitic alteration	1%	
338.00	339.00	1.00	433669	0.053	Sericitic alteration	4%	
339.00	340.00	1.00	433671	0.007	Sericitic alteration	1%	
340.00	341.00	1.00	433673	0.084	Sericitic alteration	3%	
341.00	342.00	1.00	433674	0.018	Sericitic alteration	1%	
342.00	343.00	1.00	433675	0.005	Sericitic alteration	1%	
343.00	344.00	1.00	433676	0.116	Sericitic alteration	1%	
344.00	345.00	1.00	433677	0.506	Sericitic alteration	3%	
345.00	346.00	1.00	433678	0.009	Sericitic alteration	1%	
346.00	347.00	1.00	433679	0.032	Sericitic alteration	1%	
347.00	348.00	1.00	433680	0.013	Sericitic alteration	1%	
348.00	349.00	1.00	433681	0.033	Silicified	1%	
349.00	350.00	1.00	433682	2.660	Sericitic alteration	2%	
350.00	351.00	1.00	433683	0.017	Sericitic alteration	1%	
351.00	352.00	1.00	433685	0.033	Sericitic alteration	1%	
352.00	353.00	1.00	433686	0.005	Sericitic alteration	2%	
353.00	354.00	1.00	433687	0.866	Sericitic alteration	1%	
354.00	355.00	1.00	433688	0.041	Sericitic alteration	25%	mostly one thick VN02 subparallel TCA
355.00	356.00	1.00	433689	0.226	Sericitic alteration	1%	
356.00	357.00	1.00	433691	0.005	Sericitic alteration	1%	
357.00	358.00	1.00	433692	0.106	Sericitic alteration	1%	
358.00	359.00	1.00	433693	0.017	Sericitic alteration	3%	
359.00	359.75	0.75	433694	0.005	Sericitic alteration	3%	
359.75	361.00	1.25	433695	0.005	Sericitic alteration	1%	fine-grained, foliated (in ser +/- clr) rock. Maybe an intermediate dyke? Sharp contacts with surrounding ton
361.00	362.00	1.00	433697	0.005	Sericitic alteration	2%	fine-grained, foliated (in ser +/- clr) rock. Maybe an intermediate dyke? Sharp contacts with surrounding ton

362.00	363.00	1.00	433698	0.005	Sericitic alteration	1%	fine-grained, foliated (in ser +/- clr) rock. Maybe an intermediate dyke? Sharp contacts with surrounding ton
363.00	364.00	1.00	433699	0.005	Sericitic alteration	1%	fine-grained, foliated (in ser +/- clr) rock. Maybe an intermediate dyke? Sharp contacts with surrounding ton
364.00	365.00	1.00	433700	0.005	Sericitic alteration	1%	fine-grained, foliated (in ser +/- clr) rock. Maybe an intermediate dyke? Sharp contacts with surrounding ton
365.00	366.00	1.00	433701	0.005	Sericitic alteration	1%	fine-grained, foliated (in ser +/- clr) rock. Maybe an intermediate dyke? Sharp contacts with surrounding ton
366.00	367.00	1.00	433702	0.005	Sericitic alteration	1%	fine-grained, foliated (in ser +/- clr) rock. Maybe an intermediate dyke? Sharp contacts with surrounding ton
367.00	368.00	1.00	433703	0.005	Sericitic alteration	1%	fine-grained, foliated (in ser +/- clr) rock. Maybe an intermediate dyke? Sharp contacts with surrounding ton
368.00	369.42	1.42	433704	0.007	Sericitic alteration	1%	fine-grained, foliated (in ser +/- clr) rock. Maybe an intermediate dyke? Sharp contacts with surrounding ton
369.42	370.05	0.63	433705	0.947	Silicified	10%	
370.05	371.00	0.95	433706	12.400	Sericitic alteration	5%	
371.00	372.00	1.00	433707	0.056	Sericitic alteration	1%	
372.00	373.00	1.00	433708	0.028	Sericitic alteration	1%	
373.00	374.00	1.00	433709	0.012	Sericitic alteration	1%	
374.00	375.00	1.00	433711	0.013	Sericitic alteration	1%	
375.00	376.00	1.00	433713	0.282	Sericitic alteration	1%	
376.00	377.00	1.00	433714	0.102	Sericitic alteration	1%	
377.00	378.00	1.00	433715	0.005	Sericitic alteration	1%	
378.00	379.00	1.00	433716	0.613	Sericitic alteration	1%	
379.00	380.00	1.00	433717	0.010	Sericitic alteration	4%	
380.00	381.00	1.00	433718	0.050	Sericitic alteration	7%	
381.00	382.00	1.00	433719	0.070	Sericitic alteration	3%	
382.00	383.00	1.00	433720	0.082	Sericitic alteration	1%	
383.00	384.00	1.00	433721	0.033	Sericitic alteration	30%	
384.00	385.00	1.00	433722	0.029	Sericitic alteration	3%	
385.00	386.00	1.00	433723	0.083	Sericitic alteration	1%	
386.00	387.00	1.00	433725	0.005	Sericitic alteration	2%	
387.00	388.00	1.00	433726	0.007	Sericitic alteration	4%	
388.00	389.00	1.00	433727	0.005	Sericitic alteration	2%	
389.00	390.00	1.00	433728	0.016	Sericitic alteration	2%	

390.00	391.00	1.00	433729	0.071	Sericitic alteration	2%	
391.00	392.00	1.00	433732	0.056	Sericitic alteration	1%	Sample 433731 is a blank inserted after VG
392.00	393.00	1.00	433733	0.126	Sericitic alteration	1%	
393.00	394.00	1.00	433734	0.048	Sericitic alteration	2%	
394.00	395.00	1.00	433735	0.020	Sericitic alteration	3%	
395.00	396.05	1.05	433737	0.091	Sericitic alteration	1%	30% rubble
396.05	397.00	0.95	433738	0.413	Sericitic alteration	2%	
397.00	398.00	1.00	433739	0.074	Sericitic alteration	3%	
398.00	399.00	1.00	433740	0.038	Sericitic alteration	2%	
399.00	400.00	1.00	433741	0.024	Sericitic alteration	1%	
400.00	401.00	1.00	433742	0.026	Sericitic alteration	3%	
401.00	402.00	1.00	433743	0.023	Sericitic alteration	3%	
402.00	403.00	1.00	433744	0.005	Sericitic alteration	2%	
403.00	404.00	1.00	433745	0.005	Sericitic alteration	2%	
404.00	405.00	1.00	433746	0.020	Sericitic alteration	1%	
405.00	406.00	1.00	433747	0.315	Sericitic alteration	4%	
406.00	407.00	1.00	433749	0.010	Sericitic alteration	1%	
407.00	408.00	1.00	433751	0.151	Sericitic alteration	1%	
408.00	409.00	1.00	433752	0.044	Sericitic alteration	1%	
409.00	410.00	1.00	433753	0.018	Sericitic alteration	1%	
410.00	411.00	1.00	433754	0.138	Sericitic alteration	3%	
411.00	412.00	1.00	433755	0.038	Sericitic alteration	1%	
412.00	413.00	1.00	433756	0.166	Sericitic alteration	5%	
413.00	414.00	1.00	433757	0.062	Sericitic alteration	1%	
414.00	415.00	1.00	433758	0.103	Sericitic alteration	1%	
415.00	415.60	0.60	433759	0.024	Sericitic alteration	1%	

From	To	Lithologic Group	
415.60	430.55	Tonalite 2	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
415.60	417.00	1.40	433761	0.378	Silicified	25%	
417.00	418.00	1.00	433762	0.237	Silicified	3%	
418.00	419.00	1.00	433763	0.247	Silicified	1%	
419.00	420.00	1.00	433764	0.588	Silicified	2%	
420.00	421.00	1.00	433765	0.114	Silicified	10%	
421.00	422.00	1.00	433766	0.500	Silicified	4%	
422.00	423.00	1.00	433767	0.550	Silicified	5%	
423.00	424.00	1.00	433768	0.164	Silicified	5%	
424.00	425.00	1.00	433769	0.122	Silicified	3%	
425.00	426.00	1.00	433771	0.163	Silicified	5%	
426.00	427.00	1.00	433773	0.123	Silicified	2%	
427.00	428.00	1.00	433774	0.148	Silicified	1%	
428.00	429.00	1.00	433775	0.131	Silicified	1%	

429.00	430.00	1.00	433776	0.195	Silicified	3%
430.00	430.55	0.55	433777	0.262	Silicified	1%

From	To	Lithologic Group				
430.55	441.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
430.55	432.00	1.45	433778	0.226	Sericitic alteration	1%	
432.00	433.00	1.00	433779	0.061	Sericitic alteration	2%	
433.00	434.00	1.00	433780	0.199	Sericitic alteration	4%	
434.00	435.00	1.00	433781	0.421	Sericitic alteration	1%	
435.00	436.00	1.00	433782	0.175	Sericitic alteration	1%	
436.00	437.00	1.00	433783	0.203	Sericitic alteration	1%	
437.00	438.00	1.00	433785	0.255	Sericitic alteration	1%	
438.00	439.00	1.00	433786	0.193	Silicified	3%	
439.00	440.00	1.00	433787	0.125	Sericitic alteration	1%	
440.00	441.00	1.00	433788	0.037	Sericitic alteration	5%	EOH

DRILL HOLE REPORT

Drill Hole **GOS21-83** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -60.0
 Length 471.0 m
 Started 29-May-21
 Completed 11-Jun-21
 Logged 17-Jun-21
 Logged by Laurent Gauchat

Company
 Contractor Chenier Drilling
 Position
 Bore Size BQTK
 Sample Storage Klondike Lodge
 Casing NONE
 Condition Cemented

Survey Details:

Claim Number MLO-10659
 Property Chester
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Single-shot (unspecified)
 Coord Survey Tool GPS

Coordinates:

Target
 Comments LG 0-197m
 EB 197-EOH

Easting 431405.94
 UTM Datum NAD83 Northing 5267758.14
 UTM Zone 17 Elevation 381.05

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
18.0	327.92	-58.90		RM	Good	51.0	328.11	-58.49		RM	Good
21.0	327.89	-58.93		RM	Good	54.0	327.79	-58.45		RM	Good
27.0	327.74	-58.71		RM	Good	57.0	328.10	-58.37		RM	Good
30.0	327.74	-58.68		RM	Good	60.0	327.75	-58.39		RM	Good
33.0	327.84	-58.59		RM	Good	63.0	328.17	-58.43		RM	Good
36.0	327.73	-58.64		RM	Good	66.0	328.06	-58.42		RM	Good
39.0	327.51	-58.49		RM	Good	69.0	328.25	-58.42		RM	Good
42.0	327.85	-58.46		RM	Good	72.0	327.78	-58.46		RM	Good
45.0	327.88	-58.50		RM	Good	75.0	328.38	-58.43		RM	Good
48.0	328.01	-58.46		RM	Good	78.0	328.06	-58.40		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
81.0	327.98	-58.38		RM	Good
84.0	328.26	-58.34		RM	Good
87.0	328.14	-58.36		RM	Good
90.0	328.05	-58.38		RM	Good
93.0	328.37	-58.37		RM	Good
96.0	328.38	-58.37		RM	Good
99.0	328.48	-58.38		RM	Good
102.0	328.39	-58.41		RM	Good
105.0	328.37	-58.41		RM	Good
108.0	328.36	-58.49		RM	Good
111.0	328.48	-58.46		RM	Good
114.0	328.50	-58.50		RM	Good
117.0	328.37	-58.50		RM	Good
120.0	328.25	-58.54		RM	Good
123.0	328.27	-58.52		RM	Good
126.0	328.29	-58.52		RM	Good
132.0	328.59	-58.55		RM	Good
135.0	328.70	-58.64		RM	Good
138.0	328.43	-58.64		RM	Good
141.0	329.22	-58.77		RM	Good
144.0	328.98	-58.66		RM	Good
147.0	329.20	-58.51		RM	Good
150.0	329.12	-58.55		RM	Good
153.0	329.20	-58.53		RM	Good
156.0	329.07	-58.54		RM	Good
159.0	329.21	-58.48		RM	Good
162.0	329.15	-58.55		RM	Good
165.0	329.15	-58.57		RM	Good
168.0	329.21	-58.61		RM	Good
171.0	329.29	-58.57		RM	Good
174.0	329.21	-58.61		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
177.0	329.03	-58.63		RM	Good
180.0	329.60	-58.64		RM	Good
183.0	329.36	-58.77		RM	Good
186.0	329.28	-58.80		RM	Good
189.0	329.24	-58.82		RM	Good
192.0	329.02	-58.82		RM	Good
195.0	329.10	-58.83		RM	Good
198.0	329.65	-58.85		RM	Good
201.0	329.48	-58.85		RM	Good
204.0	329.31	-58.87		RM	Good
207.0	329.34	-58.87		RM	Good
210.0	329.34	-58.89		RM	Good
213.0	329.42	-58.89		RM	Good
228.0	329.47	-58.92		RM	Good
231.0	329.63	-58.89		RM	Good
234.0	329.40	-58.95		RM	Good
237.0	329.26	-58.92		RM	Good
240.0	329.36	-58.91		RM	Good
243.0	329.38	-58.92		RM	Good
246.0	329.30	-58.95		RM	Good
249.0	329.20	-59.00		RM	Good
252.0	329.22	-58.97		RM	Good
255.0	329.49	-58.95		RM	Good
258.0	329.58	-58.95		RM	Good
261.0	329.57	-58.93		RM	Good
264.0	329.05	-58.94		RM	Good
267.0	329.58	-58.94		RM	Good
270.0	329.31	-58.92		RM	Good
273.0	328.89	-58.89		RM	Good
276.0	329.41	-58.89		RM	Good
279.0	329.27	-58.89		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
282.0	329.68	-58.88		RM	Good
285.0	329.48	-58.84		RM	Good
288.0	329.56	-58.82		RM	Good
291.0	329.65	-58.83		RM	Good
294.0	329.72	-58.88		RM	Good
297.0	329.11	-58.89		RM	Good
300.0	329.25	-58.89		RM	Good
309.0	329.34	-58.94		RM	Good
324.0	329.74	-59.02		RM	Good
327.0	329.95	-58.98		RM	Good
333.0	329.80	-59.09		RM	Good
336.0	329.85	-59.10		RM	Good
360.0	329.64	-58.98		RM	Good
369.0	329.42	-58.84		RM	Good
387.0	329.72	-58.72		RM	Good
390.0	329.67	-58.66		RM	Good
393.0	329.20	-58.68		RM	Good
396.0	329.65	-58.61		RM	Good
399.0	329.65	-58.50		RM	Good
402.0	329.41	-58.59		RM	Good
405.0	329.53	-58.51		RM	Good
408.0	329.57	-58.49		RM	Good
411.0	329.72	-58.47		RM	Good
417.0	329.53	-58.27		RM	Good
420.0	329.65	-57.99		RM	Good
426.0	329.07	-57.90		RM	Good
438.0	329.58	-57.71		RM	Good
444.0	328.91	-57.61		RM	Good
447.0	329.52	-57.56		RM	Good
453.0	328.93	-57.44		RM	Good
456.0	329.19	-57.35		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
468.0	329.76	-57.08		RM	Good
471.0	329.68	-57.03		RM	Good

From	To	Lithologic Group					
0.00	25.30	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	25.30	25.30			Unaltered	0%	x
From	To	Lithologic Group					
25.30	31.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
25.30	26.00	0.70	438769	0.733	Hematitic alteration	3%	x
26.00	27.00	1.00	438771	0.597	Silicified	5%	x
27.00	28.00	1.00	438773	0.551	Silicified	5%	x
28.00	29.00	1.00	438774	0.389	Silicified	8%	x 20 cm dyke
29.00	30.00	1.00	438775	1.520	Silicified	8%	x
30.00	31.00	1.00	438776	0.805	Silicified	3%	x
From	To	Lithologic Group					
31.00	32.90	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
31.00	32.00	1.00	438777	0.319	Chloritic alteration	2%	x
32.00	32.90	0.90	438778	0.018	Chloritic alteration	2%	x
From	To	Lithologic Group					
32.90	46.30	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
32.90	34.00	1.10	438779	0.182	Silicified	3%	x
34.00	35.00	1.00	438780	0.056	Sericitic alteration	3%	x
35.00	36.00	1.00	438781	0.036	Silicified	4%	x 50 cm dyke
36.00	37.30	1.30	438782	0.114	Sericitic alteration	5%	x
37.30	38.00	0.70	438783	0.303	Chloritic alteration	12%	x flt bx
38.00	39.00	1.00	438785	0.123	Chloritic alteration	25%	x flt bx
39.00	40.00	1.00	438786	0.097	Sericitic alteration	8%	x
40.00	41.00	1.00	438787	0.400	Sericitic alteration	20%	x
41.00	42.00	1.00	438788	0.213	Sericitic alteration	8%	x
42.00	43.00	1.00	438789	0.212	Sericitic alteration	3%	x
43.00	44.00	1.00	438791	0.317	Sericitic alteration	5%	x
44.00	45.00	1.00	438792	0.177	Sericitic alteration	4%	x
45.00	46.30	1.30	438793	0.120	Sericitic alteration	10%	x 50% dyke
From	To	Lithologic Group					
46.30	52.10	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
46.30	47.00	0.70	438794	0.563	Chloritic alteration	20%	x <20% Ton

47.00	48.00	1.00	438795	0.432	Chloritic alteration	16%	x <20% Ton
48.00	49.00	1.00	438797	0.601	Chloritic alteration	15%	x <20% Ton
49.00	50.00	1.00	438798	0.700	Chloritic alteration	15%	x <20% Ton
50.00	51.00	1.00	438799	0.090	Chloritic alteration	10%	x <20% Ton
51.00	52.10	1.10	438800	0.161	Chloritic alteration	8%	x <20% Ton

From	To	Lithologic Group					
52.10	99.50	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
52.10	53.00	0.90	438801	0.247	Sericitic alteration	2%	x
53.00	54.00	1.00	438802	0.555	Sericitic alteration	8%	x
54.00	55.00	1.00	438803	0.137	Sericitic alteration	8%	x
55.00	56.00	1.00	438804	0.106	Sericitic alteration	4%	x
56.00	57.00	1.00	438805	0.171	Sericitic alteration	6%	x
57.00	58.00	1.00	438806	0.057	Sericitic alteration	6%	x
58.00	59.00	1.00	438807	0.054	Sericitic alteration	5%	x
59.00	60.00	1.00	438808	0.307	Sericitic alteration	2%	x
60.00	61.00	1.00	438809	0.036	Sericitic alteration	7%	x
61.00	62.00	1.00	438811	1.496	Sericitic alteration	6%	x
62.00	63.00	1.00	438813	0.609	Sericitic alteration	5%	x
63.00	64.00	1.00	438814	1.448	Sericitic alteration	8%	x
64.00	65.00	1.00	438815	0.139	Sericitic alteration	4%	x
65.00	66.00	1.00	438816	0.304	Sericitic alteration	6%	x
66.00	67.00	1.00	438817	1.014	Sericitic alteration	8%	x
67.00	68.00	1.00	438818	0.513	Sericitic alteration	5%	x
68.00	69.00	1.00	438819	0.503	Sericitic alteration	3%	x
69.00	70.00	1.00	438820	0.449	Sericitic alteration	2%	x
70.00	71.00	1.00	438821	0.372	Sericitic alteration	2%	x
71.00	72.00	1.00	438822	0.382	Sericitic alteration	2%	x
72.00	73.00	1.00	438823	0.392	Sericitic alteration	5%	x
73.00	74.00	1.00	438825	0.011	Sericitic alteration	3%	x
74.00	75.00	1.00	438826	0.140	Sericitic alteration	3%	x
75.00	76.00	1.00	438827	1.438	Sericitic alteration	12%	x
76.00	77.00	1.00	438828	0.575	Sericitic alteration	8%	x
77.00	78.00	1.00	438829	0.055	Sericitic alteration	6%	x
78.00	79.00	1.00	438831	0.135	Sericitic alteration	12%	x
79.00	80.00	1.00	438832	0.028	Sericitic alteration	2%	x
80.00	81.00	1.00	438833	0.274	Sericitic alteration	2%	x
81.00	82.00	1.00	438834	0.370	Sericitic alteration	2%	x
82.00	83.00	1.00	438835	0.506	Sericitic alteration	2%	x
83.00	84.00	1.00	438837	0.448	Sericitic alteration	3%	x
84.00	85.00	1.00	438838	0.253	Sericitic alteration	3%	x
85.00	86.00	1.00	438839	0.226	Sericitic alteration	10%	x

86.00	87.00	1.00	438840	0.497	Sericitic alteration	6%	x
87.00	88.00	1.00	438841	0.952	Sericitic alteration	4%	x
88.00	89.00	1.00	438842	0.815	Sericitic alteration	6%	x
89.00	90.00	1.00	438843	0.605	Sericitic alteration	8%	x
90.00	91.00	1.00	438844	0.842	Sericitic alteration	4%	x
91.00	92.00	1.00	438845	0.110	Sericitic alteration	5%	x
92.00	93.00	1.00	438846	0.906	Sericitic alteration	3%	x
93.00	94.00	1.00	438847	0.318	Sericitic alteration	3%	x
94.00	95.00	1.00	438849	0.220	Sericitic alteration	5%	x
95.00	96.00	1.00	438851	0.494	Sericitic alteration	3%	x
96.00	97.00	1.00	438852	0.725	Sericitic alteration	4%	x
97.00	98.00	1.00	438853	0.553	Sericitic alteration	3%	x
98.00	99.00	1.00	438854	0.214	Sericitic alteration	3%	x
99.00	99.50	0.50	438855	0.134	Sericitic alteration	10%	x

From	To	Lithologic Group					
99.50	104.00	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
99.50	100.50	1.00	438856	0.018	Chloritic alteration	3%	x
100.50	102.00	1.50	438857	0.006	Chloritic alteration	3%	x
102.00	103.10	1.10	438858	0.023	Chloritic alteration	3%	x
103.10	104.00	0.90	438859	0.120	Chloritic alteration	3%	x

From	To	Lithologic Group					
104.00	104.85	Fault Zone					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
104.00	104.85	0.85	438861	0.348	Sericitic alteration	2%	x flt in ton

From	To	Lithologic Group					
104.85	108.85	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
104.85	106.00	1.15	438862	0.005	Chloritic alteration	2%	x
106.00	107.00	1.00	438863	0.009	Chloritic alteration	2%	x
107.00	108.85	1.85	438864	0.014	Chloritic alteration	2%	x

From	To	Lithologic Group					
108.85	114.55	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
108.85	109.50	0.65	438865	0.170	Sericitic alteration	3%	x
109.50	110.50	1.00	438866	0.292	Sericitic alteration	3%	x
110.50	111.50	1.00	438867	0.192	Sericitic alteration	3%	x
111.50	112.50	1.00	438868	0.672	Sericitic alteration	5%	x
112.50	113.50	1.00	438869	0.198	Sericitic alteration	5%	x
113.50	114.55	1.05	438871	0.166	Sericitic alteration	4%	x

From	To	Lithologic Group					
114.55	115.50	Fault Zone					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
114.55	115.50	0.95	438873	0.123	Chloritic alteration	10%	x mix of Ton/MafDyke + lots of CB/CPY vns
From	To	Lithologic Group					
115.50	119.35	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
115.50	117.50	2.00	438874	0.023	Chloritic alteration	4%	x
117.50	118.50	1.00	438875	0.023	Chloritic alteration	4%	x
118.50	119.35	0.85	438876	0.070	Chloritic alteration	2%	x
From	To	Lithologic Group					
119.35	165.70	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
119.35	121.00	1.65	438877	0.850	Silicified	4%	x
121.00	122.00	1.00	438878	0.479	Silicified	6%	x
122.00	123.00	1.00	438879	0.443	Silicified	2%	x
123.00	124.00	1.00	438880	0.532	Silicified	4%	x
124.00	125.00	1.00	438881	0.152	Silicified	2%	x
125.00	126.00	1.00	438882	0.353	Sericitic alteration	2%	x
126.00	127.00	1.00	438883	1.304	Sericitic alteration	14%	x
127.00	128.00	1.00	438885	2.143	Sericitic alteration	3%	x
128.00	129.00	1.00	438886	1.762	Sericitic alteration	7%	x
129.00	130.00	1.00	438887	0.618	Sericitic alteration	7%	x
130.00	131.00	1.00	438888	0.694	Sericitic alteration	4%	x
131.00	132.00	1.00	438889	1.292	Sericitic alteration	8%	x
132.00	133.00	1.00	438891	1.623	Sericitic alteration	5%	x
133.00	134.00	1.00	438892	0.748	Sericitic alteration	6%	x
134.00	135.00	1.00	438893	0.428	Sericitic alteration	5%	x
135.00	136.00	1.00	438894	0.546	Sericitic alteration	4%	x
136.00	137.00	1.00	438895	0.320	Sericitic alteration	3%	x
137.00	138.00	1.00	438897	1.254	Sericitic alteration	3%	x
138.00	139.00	1.00	438898	0.585	Sericitic alteration	2%	x
139.00	140.00	1.00	438899	1.489	Sericitic alteration	5%	x
140.00	141.00	1.00	438900	2.092	Sericitic alteration	4%	x
141.00	142.00	1.00	438901	0.302	Sericitic alteration	5%	x
142.00	143.00	1.00	438902	0.324	Sericitic alteration	6%	x
143.00	144.00	1.00	438903	0.276	Sericitic alteration	8%	x
144.00	145.00	1.00	438904	0.151	Sericitic alteration	4%	x
145.00	146.00	1.00	438905	0.055	Sericitic alteration	3%	x
146.00	147.00	1.00	438906	0.383	Sericitic alteration	5%	x
147.00	148.00	1.00	438907	0.088	Sericitic alteration	5%	x

148.00	149.00	1.00	438908	0.185	Sericitic alteration	3%	x
149.00	150.00	1.00	438909	0.624	Sericitic alteration	10%	x
150.00	151.00	1.00	438911	0.268	Sericitic alteration	3%	x
151.00	152.00	1.00	438913	0.175	Sericitic alteration	4%	x
152.00	153.00	1.00	438914	0.377	Sericitic alteration	5%	x
153.00	154.00	1.00	438915	0.416	Sericitic alteration	12%	x
154.00	155.00	1.00	438916	0.381	Sericitic alteration	16%	x
155.00	156.00	1.00	438917	0.184	Sericitic alteration	8%	x
156.00	157.00	1.00	438918	0.072	Sericitic alteration	5%	x
157.00	158.00	1.00	438919	0.150	Sericitic alteration	7%	x
158.00	159.00	1.00	438920	0.104	Sericitic alteration	10%	x
159.00	160.00	1.00	438921	0.529	Sericitic alteration	4%	x
160.00	161.00	1.00	438922	0.261	Sericitic alteration	6%	x
161.00	162.00	1.00	438923	0.356	Sericitic alteration	9%	x
162.00	163.00	1.00	438925	0.196	Sericitic alteration	4%	x
163.00	164.00	1.00	438926	0.203	Sericitic alteration	25%	x
164.00	165.00	1.00	438927	0.277	Sericitic alteration	6%	x
165.00	165.70	0.70	438928	1.120	Sericitic alteration	10%	x

From	To	Lithologic Group					
165.70	166.95	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
165.70	166.95	1.25	438929	0.031	Chloritic alteration	2%	x dyke and ton mixed and alternating in next few sample

From	To	Lithologic Group					
166.95	168.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
166.95	168.00	1.05	438931	0.203	Chloritic alteration	4%	x

From	To	Lithologic Group					
168.00	169.00	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
168.00	169.00	1.00	438932	0.156	Chloritic alteration	8%	x

From	To	Lithologic Group					
169.00	181.50	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
169.00	170.00	1.00	438933	0.421	Chloritic alteration	20%	x
170.00	171.00	1.00	438934	1.090	Sericitic alteration	35%	x
171.00	172.00	1.00	438935	0.301	Sericitic alteration	10%	x
172.00	173.00	1.00	438937	0.346	Sericitic alteration	6%	x
173.00	174.00	1.00	438938	0.142	Sericitic alteration	15%	x
174.00	175.00	1.00	438939	1.862	Sericitic alteration	12%	x
175.00	176.00	1.00	438940	0.402	Sericitic alteration	15%	x
176.00	177.00	1.00	438941	0.150	Sericitic alteration	20%	x

177.00	178.00	1.00	438942	0.488	Sericitic alteration	20%	x
178.00	179.00	1.00	438943	0.580	Sericitic alteration	8%	x
179.00	180.00	1.00	438944	0.792	Sericitic alteration	8%	x
180.00	181.50	1.50	438945	0.615	Sericitic alteration	8%	x

From	To	Lithologic Group					
181.50	255.50	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
181.50	183.00	1.50	438946	0.165	Chloritic alteration	6%	x
183.00	184.00	1.00	438947	0.376	Chloritic alteration	4%	x
184.00	185.00	1.00	438949	0.874	Chloritic alteration	12%	x
185.00	186.00	1.00	438951	0.532	Chloritic alteration	16%	x
186.00	187.00	1.00	438952	0.489	Chloritic alteration	8%	x
187.00	188.00	1.00	438953	0.051	Chloritic alteration	8%	x
188.00	189.00	1.00	438954	0.025	Chloritic alteration	10%	x
189.00	190.00	1.00	438955	0.026	Chloritic alteration	8%	x
190.00	191.00	1.00	438956	11.700	Chloritic alteration	6%	x
191.00	192.00	1.00	438957	0.320	Chloritic alteration	10%	x
192.00	193.00	1.00	438958	0.570	Chloritic alteration	8%	x
193.00	194.00	1.00	438959	0.124	Chloritic alteration	6%	x
194.00	195.00	1.00	438961	0.018	Chloritic alteration	14%	x
195.00	196.00	1.00	438962	2.367	Chloritic alteration	10%	x
196.00	197.00	1.00	438963	0.323	Chloritic alteration	8%	x
197.00	198.00	1.00	438964	0.017	Chloritic alteration	5%	
198.00	199.00	1.00	438965	0.018	Chloritic alteration	4%	
199.00	200.00	1.00	438966	0.042	Chloritic alteration	8%	
200.00	201.00	1.00	438967	0.166	Chloritic alteration	3%	
201.00	202.00	1.00	438968	0.011	Chloritic alteration	3%	
202.00	203.00	1.00	438969	0.019	Chloritic alteration	6%	Sheared+folded DR with intense BO alt +vns from 202-209.5
203.00	204.00	1.00	438971	0.084	Biotitic alteration	5%	
204.00	205.00	1.00	438973	0.306	Biotitic alteration	6%	
205.00	206.00	1.00	438974	0.251	Biotitic alteration	7%	
206.00	207.50	1.50	438975	1.012	Biotitic alteration	55%	irregular q-cb-cl-py-po vns with massive bo-clr
207.50	208.50	1.00	438976	0.016	Biotitic alteration	12%	
208.50	209.50	1.00	438977	0.025	Biotitic alteration	15%	
209.50	210.30	0.80	438978	0.011	Chloritic alteration	2%	
210.30	211.40	1.10	438979	0.129	Chloritic alteration	2%	
211.40	212.20	0.80	438980	0.014	Chloritic alteration	2%	
212.20	213.00	0.80	438981	0.005	Chloritic alteration	2%	
213.00	214.50	1.50	438982	0.168	Chloritic alteration	5%	
214.50	216.00	1.50	438983	0.194	Chloritic alteration	1%	

216.00	217.50	1.50	438985	0.016	Chloritic alteration	2%	
217.50	219.00	1.50	438986	0.099	Chloritic alteration	3%	
219.00	220.50	1.50	438987	0.450	Chloritic alteration	4%	
220.50	222.00	1.50	438988	0.850	Chloritic alteration	2%	
222.00	223.50	1.50	438989	0.242	Chloritic alteration	1%	
223.50	225.00	1.50	438991	0.194	Chloritic alteration	2%	
225.00	226.50	1.50	438992	1.073	Chloritic alteration	3%	
226.50	228.00	1.50	438993	0.887	Chloritic alteration	2%	
228.00	229.50	1.50	438994	0.881	Chloritic alteration	2%	
229.50	231.00	1.50	438995	0.309	Chloritic alteration	1%	
231.00	232.50	1.50	438997	0.610	Chloritic alteration	1%	
232.50	234.00	1.50	438998	1.294	Chloritic alteration	2%	
234.00	235.50	1.50	438999	0.478	Chloritic alteration	1%	
235.50	237.00	1.50	439000	0.415	Chloritic alteration	4%	
237.00	238.50	1.50	439001	0.818	Chloritic alteration	3%	
238.50	240.00	1.50	439002	0.028	Chloritic alteration	1%	
240.00	241.50	1.50	439003	0.104	Chloritic alteration	4%	
241.50	243.00	1.50	439004	0.065	Chloritic alteration	3%	
243.00	244.50	1.50	439005	0.008	Chloritic alteration	1%	
244.50	246.00	1.50	439006	0.007	Chloritic alteration	2%	
246.00	247.50	1.50	439007	0.136	Chloritic alteration	4%	
247.50	249.00	1.50	439008	0.250	Chloritic alteration	3%	
249.00	250.50	1.50	439009	0.274	Chloritic alteration	5%	
250.50	251.50	1.00	439011	1.475	Chloritic alteration	1%	
251.50	252.50	1.00	439013	0.502	Chloritic alteration	2%	
252.50	253.50	1.00	439014	0.321	Chloritic alteration	1%	
253.50	254.50	1.00	439015	1.675	Chloritic alteration	2%	
254.50	255.50	1.00	439016	0.096	Chloritic alteration	1%	20cm patch of TONBX

From	To	Lithologic Group	
255.50	258.50	Tonalite Breccia	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
255.50	256.50	1.00	439017	0.088	Chloritic alteration	2%	50% fg, dark green, DR frag. 50% grey/pink, med grain, eq, ton mx.
256.50	257.50	1.00	439018	0.047	Silicified	2%	70% mx
257.50	258.50	1.00	439019	0.027	Silicified	1%	

From	To	Lithologic Group	
258.50	263.80	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
258.50	259.50	1.00	439020	0.121	Silicified	3%	grey/pink, medium grained, equigranular, non magnetic
259.50	260.50	1.00	439021	0.061	Silicified	1%	
260.50	261.50	1.00	439022	1.178	Silicified	2%	

261.50	262.50	1.00	439023	0.097	Silicified	5%	
262.50	263.80	1.30	439025	0.103	Silicified	2%	
From 263.80	To 266.00	Lithologic Group Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
263.80	264.60	0.80	439026	0.169	Chloritic alteration	2%	
264.60	266.00	1.40	439027	0.009	Chloritic alteration	1%	
From 266.00	To 268.00	Lithologic Group Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
266.00	266.90	0.90	439028	0.023	Silicified	1%	10cm of TONBX
266.90	268.00	1.10	439029	0.011	Silicified	1%	
From 268.00	To 285.40	Lithologic Group Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
268.00	269.50	1.50	439031	0.040	Chloritic alteration	1%	medium-coarse grained, black-dark green, patches of more tonalitic comp, and patches of more dioritic comp. fracture controlled cpy
269.50	271.00	1.50	439032	0.529	Chloritic alteration	2%	
271.00	272.50	1.50	439033	0.312	Chloritic alteration	2%	
272.50	274.00	1.50	439034	0.295	Chloritic alteration	3%	
274.00	275.50	1.50	439035	0.236	Chloritic alteration	3%	
275.50	277.00	1.50	439037	0.153	Chloritic alteration	2%	
277.00	278.50	1.50	439038	0.073	Chloritic alteration	3%	
278.50	280.00	1.50	439039	0.108	Chloritic alteration	1%	50cm of more tonalitic QDR
280.00	281.50	1.50	439040	0.024	Chloritic alteration	2%	
281.50	283.00	1.50	439041	0.131	Chloritic alteration	3%	
283.00	284.50	1.50	439042	0.068	Chloritic alteration	4%	
284.50	285.40	0.90	439043	0.408	Chloritic alteration	1%	
From 285.40	To 294.80	Lithologic Group Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
285.40	286.50	1.10	439044	0.585	Silicified	9%	medium grained, grey, strong fracturing with cpy+py
286.50	287.65	1.15	439045	0.490	Silicified	4%	
287.65	288.50	0.85	439046	0.549	Silicified	3%	
288.50	289.50	1.00	439047	0.107	Silicified	2%	
289.50	290.50	1.00	439049	0.486	Silicified	3%	
290.50	291.50	1.00	439051	0.066	Silicified	2%	
291.50	292.50	1.00	439052	0.208	Silicified	2%	
292.50	293.50	1.00	439053	0.166	Silicified	1%	

293.50	294.80	1.30	439054	0.088	Silicified	2%	70cm of TON, 60cm of Lamprophyre dike
From	To		Lithologic Group				
294.80	295.60		Lamprophyre Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
294.80	295.60	0.80	439055	0.013	Biotitic alteration	30%	
From	To		Lithologic Group				
295.60	300.10		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
295.60	296.50	0.90	439056	0.066	Silicified	4%	
296.50	297.50	1.00	439057	0.183	Silicified	4%	
297.50	298.50	1.00	439058	0.393	Silicified	2%	
298.50	300.10	1.60	439059	0.384	Silicified	3%	
From	To		Lithologic Group				
300.10	301.70		Lamprophyre Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
300.10	301.70	1.60	439061	0.005	Biotitic alteration	30%	
From	To		Lithologic Group				
301.70	319.50		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
301.70	303.00	1.30	439062	0.328	Silicified	1%	
303.00	304.00	1.00	439063	0.170	Silicified	2%	
304.00	305.00	1.00	439064	0.878	Silicified	1%	
305.00	306.00	1.00	439065	0.274	Silicified	2%	
306.00	307.00	1.00	439066	0.490	Silicified	2%	
307.00	308.50	1.50	439067	1.079	Silicified	2%	
308.50	309.50	1.00	439068	0.368	Silicified	2%	
309.50	310.50	1.00	439069	0.293	Silicified	3%	
310.50	311.50	1.00	439071	0.137	Silicified	2%	
311.50	312.50	1.00	439073	0.756	Silicified	1%	
312.50	313.50	1.00	439074	0.322	Silicified	3%	
313.50	314.50	1.00	439075	0.261	Silicified	2%	
314.50	315.50	1.00	439076	1.626	Silicified	2%	
315.50	316.50	1.00	439077	0.883	Silicified	4%	
316.50	317.50	1.00	439078	0.309	Silicified	3%	
317.50	318.50	1.00	439079	1.088	Silicified	3%	
318.50	319.50	1.00	439080	1.478	Silicified	3%	
From	To		Lithologic Group				
319.50	320.85		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
319.50	320.85	1.35	439081	23.200	Silicified	5%	VG + MO in hdbx mx

From	To	Lithologic Group					
320.85	321.60	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
320.85	321.60	0.75	439083	0.432	Chloritic alteration	5%	fg, green/grey
From	To	Lithologic Group					
321.60	324.60	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
321.60	323.00	1.40	439085	0.176	Silicified	2%	
323.00	324.60	1.60	439086	0.543	Silicified	6%	
From	To	Lithologic Group					
324.60	329.70	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
324.60	326.00	1.40	439087	0.584	Silicified	1%	fg, grey, strongly altered, spotty min
326.00	327.00	1.00	439088	0.372	Silicified	1%	
327.00	328.00	1.00	439089	0.533	Sericitic alteration	2%	
328.00	329.00	1.00	439091	0.760	Sericitic alteration	1%	
329.00	329.70	0.70	439092	0.348	Sericitic alteration	1%	
From	To	Lithologic Group					
329.70	333.60	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
329.70	331.00	1.30	439093	0.749	Silicified	2%	
331.00	332.00	1.00	439094	6.300	Silicified	1%	MO in mx + VG
332.00	333.00	1.00	439095	1.927	Sericitic alteration	1%	
333.00	333.60	0.60	439097	1.183	Sericitic alteration	2%	
From	To	Lithologic Group					
333.60	343.45	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
333.60	335.00	1.40	439098	0.303	Sericitic alteration	2%	
335.00	336.00	1.00	439099	0.615	Sericitic alteration	1%	
336.00	337.00	1.00	439100	2.011	Sericitic alteration	5%	
337.00	338.00	1.00	439101	0.402	Sericitic alteration	5%	
338.00	339.00	1.00	439102	1.824	Sericitic alteration	6%	
339.00	340.00	1.00	439103	0.438	Sericitic alteration	1%	
340.00	341.50	1.50	439104	1.318	Sericitic alteration	1%	
341.50	342.50	1.00	439105	2.810	Sericitic alteration	3%	
342.50	343.45	0.95	439106	0.693	Sericitic alteration	4%	
From	To	Lithologic Group					
343.45	377.50	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
343.45	344.50	1.05	439107	1.691	Sericitic alteration	2%	
344.50	345.50	1.00	439108	0.525	Sericitic alteration	7%	

345.50	346.50	1.00	439109	1.282	Silicified	2%	
346.50	347.50	1.00	439111	0.873	Silicified	4%	
347.50	348.50	1.00	439113	0.574	Silicified	1%	
348.50	349.50	1.00	439114	0.377	Silicified	1%	
349.50	350.50	1.00	439115	0.442	Sericitic alteration	8%	
350.50	351.50	1.00	439116	0.147	Sericitic alteration	5%	
351.50	352.50	1.00	439117	1.442	Silicified	2%	
352.50	353.50	1.00	439118	0.585	Silicified	4%	
353.50	354.50	1.00	439119	0.928	Sericitic alteration	1%	
354.50	355.50	1.00	439120	1.220	Sericitic alteration	1%	
355.50	356.50	1.00	439121	2.547	Sericitic alteration	1%	
356.50	357.50	1.00	439122	2.222	Sericitic alteration	1%	
357.50	358.50	1.00	439123	1.155	Sericitic alteration	1%	
358.50	359.50	1.00	439125	1.040	Sericitic alteration	2%	
359.50	360.50	1.00	439126	0.068	Sericitic alteration	1%	
360.50	361.40	0.90	439127	0.688	Sericitic alteration	1%	
361.40	362.50	1.10	439128	0.664	Sericitic alteration	10%	30cm mafdk
362.50	363.50	1.00	439129	0.158	Sericitic alteration	1%	
363.50	364.50	1.00	439131	0.733	Sericitic alteration	1%	
364.50	365.50	1.00	439132	0.125	Sericitic alteration	1%	
365.50	366.50	1.00	439133	0.152	Sericitic alteration	1%	
366.50	367.50	1.00	439134	0.248	Sericitic alteration	1%	
367.50	368.50	1.00	439135	0.562	Silicified	2%	
368.50	369.50	1.00	439137	0.356	Sericitic alteration	1%	
369.50	370.50	1.00	439138	0.438	Sericitic alteration	8%	
370.50	371.50	1.00	439139	0.925	Sericitic alteration	1%	
371.50	372.50	1.00	439140	0.456	Silicified	1%	
372.50	373.50	1.00	439141	1.038	Silicified	1%	
373.50	374.50	1.00	439142	0.333	Silicified	1%	35% mx
374.50	375.50	1.00	439143	0.202	Silicified	2%	18% mx
375.50	376.50	1.00	439144	0.205	Silicified	3%	11% mx
376.50	377.50	1.00	439145	1.188	Silicified	4%	25% mx

From	To	Lithologic Group					
377.50	378.50	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
377.50	378.50	1.00	439146	0.021	Silicified	2%	

From	To	Lithologic Group					
378.50	379.50	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
378.50	379.50	1.00	439147	0.037	Silicified	1%	15% mx

From	To	Lithologic Group					
379.50	381.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
379.50	381.00	1.50	439149	0.014	Silicified	4%	
From	To	Lithologic Group					
381.00	409.90	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
381.00	382.50	1.50	439151	0.748	Silicified	1%	35% mx
382.50	383.50	1.00	439152	0.269	Sericitic alteration	2%	20% mx
383.50	384.50	1.00	439153	0.243	Sericitic alteration	2%	5% mx
384.50	385.50	1.00	439154	1.514	Sericitic alteration	1%	35% mx, Mo in mx
385.50	387.00	1.50	439155	0.159	Sericitic alteration	6%	5% mx
387.00	388.00	1.00	439156	0.082	Sericitic alteration	1%	40% mafdk, 5% mx
388.00	389.00	1.00	439157	0.102	Sericitic alteration	2%	5% mx
389.00	390.00	1.00	439158	0.224	Sericitic alteration	1%	12% mx
390.00	391.00	1.00	439159	0.195	Silicified	2%	20cm fg, brown mafdk. 13% mx
391.00	392.00	1.00	439161	1.237	Silicified	1%	40cm mafdk, 20%mx, Mo in mx
392.00	393.00	1.00	439162	0.122	Silicified	1%	10% mx
393.00	394.00	1.00	439163	0.310	Silicified	1%	20cm mafdk, 22% mx
394.00	395.00	1.00	439164	0.086	Silicified	1%	20cm fg, brown, mafdk. 14% mx
395.00	396.00	1.00	439165	0.607	Silicified	2%	8% mx
396.00	397.00	1.00	439166	0.531	Silicified	1%	21% mx
397.00	398.00	1.00	439167	1.066	Sericitic alteration	10%	5% mx
398.00	399.10	1.10	439168	0.155	Sericitic alteration	3%	15cm fg. Brown, mafdk. 17% mx
399.10	400.00	0.90	439169	0.734	Silicified	2%	22% mx, 5cm mafdk
400.00	401.00	1.00	439171	0.866	Silicified	1%	13cm fg. Brown mafdk. 12% mx
401.00	402.00	1.00	439173	0.897	Silicified	6%	3% mx,
402.00	403.00	1.00	439174	0.745	Silicified	1%	15% mx
403.00	404.00	1.00	439175	0.154	Silicified	10%	2% mx
404.00	405.00	1.00	439176	0.453	Silicified	5%	7% mx
405.00	406.00	1.00	439177	1.366	Silicified	6%	20% mx
406.00	407.00	1.00	439178	2.016	Silicified	5%	27% mx
407.00	408.00	1.00	439179	1.525	Silicified	2%	25% mx
408.00	409.00	1.00	439180	3.470	Silicified	10%	15% mx
409.00	409.90	0.90	439181	0.824	Sericitic alteration	1%	10% mx
From	To	Lithologic Group					
409.90	411.20	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
409.90	411.20	1.30	439182	0.212	Chloritic alteration	15%	fg, dark brown/black, cb veinlets

From	To	Lithologic Group					
411.20	413.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
411.20	412.00	0.80	439183	2.880	Silicified	14%	30% mx
412.00	413.00	1.00	439185	0.538	Silicified	5%	15% mx
From	To	Lithologic Group					
413.00	416.10	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
413.00	414.50	1.50	439186	0.009	Biotitic alteration	10%	
414.50	416.10	1.60	439187	0.010	Biotitic alteration	30%	
From	To	Lithologic Group					
416.10	419.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
416.10	417.00	0.90	439188	0.105	Silicified	3%	
417.00	418.00	1.00	439189	0.176	Sericitic alteration	4%	
418.00	419.00	1.00	439191	0.475	Sericitic alteration	2%	10cm mafdk
From	To	Lithologic Group					
419.00	429.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
419.00	420.00	1.00	439192	0.897	Silicified	2%	10% mx
420.00	421.00	1.00	439193	1.766	Sericitic alteration	3%	10% mx
421.00	422.00	1.00	439194	0.424	Sericitic alteration	6%	7% mx
422.00	423.00	1.00	439195	0.212	Sericitic alteration	8%	5% mx
423.00	424.00	1.00	439197	1.112	Sericitic alteration	6%	15% mx
424.00	425.00	1.00	439198	1.048	Sericitic alteration	3%	10cm mafdk, 8% mx
425.00	426.00	1.00	439199	2.317	Silicified	2%	20cm mafdk, 15% mx
426.00	427.00	1.00	439200	3.480	Silicified	1%	8% mx
427.00	428.00	1.00	439201	1.257	Silicified	1%	15% mx
428.00	429.00	1.00	439202	0.394	Silicified	1%	12% mx
From	To	Lithologic Group					
429.00	433.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
429.00	430.00	1.00	439203	0.664	Silicified	3%	
430.00	431.00	1.00	439204	0.340	Silicified	1%	
431.00	432.00	1.00	439205	0.466	Sericitic alteration	6%	
432.00	433.00	1.00	439206	0.538	Silicified	4%	strong fracturing
From	To	Lithologic Group					
433.00	446.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
433.00	434.00	1.00	439207	3.850	Silicified	2%	20% mx
434.00	435.00	1.00	439208	0.863	Silicified	1%	20% mx

435.00	436.00	1.00	439209	1.152	Silicified	3%	36% mx
436.00	437.00	1.00	439211	0.910	Silicified	1%	16% mx
437.00	438.00	1.00	439213	0.521	Silicified	2%	6% mx
438.00	439.00	1.00	439214	1.054	Silicified	1%	20% mx
439.00	440.00	1.00	439215	0.679	Silicified	1%	30% mx
440.00	440.90	0.90	439216	0.444	Silicified	1%	10% mx
440.90	442.00	1.10	439217	0.438	Silicified	1%	40cm lamdk. 10% mx
442.00	443.00	1.00	439218	2.253	Silicified	1%	30% mx
443.00	444.00	1.00	439219	1.971	Sericitic alteration	1%	30% mx
444.00	445.00	1.00	439220	1.032	Sericitic alteration	15%	30% mx
445.00	446.00	1.00	439221	0.835	Sericitic alteration	1%	15% mx
From	To		Lithologic Group				
446.00	447.50		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
446.00	447.50	1.50	439222	0.629	Sericitic alteration	2%	
From	To		Lithologic Group				
447.50	448.60		Lamprophyre Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
447.50	448.60	1.10	439223	0.011	Biotitic alteration	5%	
From	To		Lithologic Group				
448.60	451.00		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
448.60	449.50	0.90	439225	0.009	Biotitic alteration	50%	5% ton, 50% q-cl vn (unmineralized), massive cl-bio
449.50	451.00	1.50	439226	0.050	Biotitic alteration	50%	50% mafdk? 5% ton, 45% q-cl vn, massive cl-bio, sheared
From	To		Lithologic Group				
451.00	455.10		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
451.00	452.00	1.00	439227	0.846	Silicified	1%	15% mx
452.00	453.00	1.00	439228	4.750	Sericitic alteration	1%	VG + MO, 15% mx
453.00	454.00	1.00	439232	1.597	Sericitic alteration	2%	5% mx
454.00	455.10	1.10	439233	2.847	Sericitic alteration	1%	10% mx
From	To		Lithologic Group				
455.10	459.50		Diabase				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
455.10	456.50	1.40	439234	0.005	Epidote alteration	2%	Epidote altered feldspar pheno
456.50	458.00	1.50	439235	0.005	Epidote alteration	2%	
458.00	459.50	1.50	439237	0.009	Epidote alteration	2%	5cm fragment of ton
From	To		Lithologic Group				
459.50	463.55		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

459.50	461.00	1.50	439238	0.545	Silicified	1%	5% mx, 30cm TON 2 dike, 10cm TON2 dike
461.00	462.00	1.00	439239	9.330	Silicified	2%	10% mx, silica overprint
462.00	463.55	1.55	439240	1.803	Silicified	4%	5% mx, 17cm TON2 dike, 10cm TON2 dike

From	To	Lithologic Group					
463.55	464.35	Tonalite 2					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
463.55	464.35	0.80	439241	0.511	Silicified	4%	

From	To	Lithologic Group					
464.35	468.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
464.35	465.00	0.65	439242	0.389	Sericitic alteration	1%	5% mx, 16cm TON2 dike
465.00	466.00	1.00	439243	0.351	Sericitic alteration	2%	8% mx
466.00	467.00	1.00	439244	0.277	Sericitic alteration	2%	6% mx
467.00	468.00	1.00	439245	0.763	Silicified	1%	12% mx

From	To	Lithologic Group					
468.00	469.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
468.00	469.00	1.00	439246	0.216	Sericitic alteration	1%	

From	To	Lithologic Group					
469.00	471.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
469.00	470.00	1.00	439247	0.621	Silicified	1%	15% mx, MO in mx
470.00	471.00	1.00	439249	1.504	Silicified	2%	25% mx, EOH

DRILL HOLE REPORT

Drill Hole **GOS21-84** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -60.0
 Length 424.9 m
 Started 31-May-21
 Completed 13-Jun-21
 Logged 17-Jun-21
 Logged by Erik Bobechko

Company
 Contractor Chenier Drilling
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Cemented

Survey Details:

Claim Number PAT-11117
 Property 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Multi-shot Survey
 Coord Survey Tool GPS

Coordinates:

Target Easting 430523.49
 Comments UTM Datum NAD83 Northing 5267364.61
 UTM Zone 17 Elevation 391.60

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
15.0	331.43	-59.89		RM	Good	45.0	330.02	-59.65		RM	Good
18.0	331.31	-59.86		RM	Good	48.0	330.40	-59.70		RM	Good
21.0	330.89	-59.74		RM	Good	51.0	330.50	-59.67		RM	Good
24.0	330.73	-59.79		RM	Good	54.0	330.51	-59.66		RM	Good
27.0	330.44	-59.75		RM	Good	57.0	330.15	-59.62		RM	Good
30.0	331.00	-59.72		RM	Good	60.0	330.95	-59.57		RM	Good
33.0	330.57	-59.67		RM	Good	63.0	331.30	-59.58		RM	Good
36.0	330.64	-59.64		RM	Good	69.0	332.43	-59.57		RM	Good
39.0	329.70	-59.66		RM	Good	72.0	330.38	-59.58		RM	Good
42.0	330.35	-59.67		RM	Good	78.0	328.31	-59.57		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
81.0	329.42	-59.54		RM	Good
84.0	329.51	-59.49		RM	Good
87.0	329.82	-59.52		RM	Good
90.0	330.98	-58.75		RM	Good
93.0	330.15	-59.47		RM	Good
96.0	330.27	-59.40		RM	Good
99.0	330.21	-59.43		RM	Good
102.0	330.29	-59.34		RM	Good
105.0	330.34	-59.34		RM	Good
108.0	330.43	-59.28		RM	Good
111.0	330.47	-59.29		RM	Good
114.0	330.60	-59.26		RM	Good
117.0	330.61	-59.25		RM	Good
120.0	330.67	-59.23		RM	Good
123.0	330.67	-59.22		RM	Good
126.0	330.65	-59.20		RM	Good
129.0	330.74	-59.20		RM	Good
132.0	330.81	-59.14		RM	Good
135.0	331.08	-59.13		RM	Good
138.0	331.02	-59.12		RM	Good
141.0	331.09	-59.08		RM	Good
144.0	331.11	-59.09		RM	Good
147.0	331.26	-59.06		RM	Good
150.0	331.07	-59.08		RM	Good
153.0	331.31	-59.03		RM	Good
156.0	331.17	-58.99		RM	Good
159.0	330.12	-59.30		RM	Good
162.0	330.17	-60.08		RM	Good
165.0	331.38	-58.95		RM	Good
168.0	331.54	-58.90		RM	Good
171.0	331.55	-58.92		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
174.0	331.63	-58.86		RM	Good
177.0	331.77	-58.87		RM	Good
180.0	331.50	-58.89		RM	Good
183.0	331.64	-58.85		RM	Good
186.0	331.89	-58.80		RM	Good
189.0	331.93	-58.78		RM	Good
192.0	331.95	-58.78		RM	Good
195.0	332.15	-58.76		RM	Good
198.0	332.10	-58.71		RM	Good
201.0	332.04	-58.71		RM	Good
204.0	332.14	-58.66		RM	Good
207.0	332.18	-58.67		RM	Good
210.0	332.29	-58.60		RM	Good
213.0	332.28	-58.59		RM	Good
216.0	332.35	-58.55		RM	Good
219.0	332.35	-58.52		RM	Good
222.0	332.33	-58.51		RM	Good
225.0	332.43	-58.44		RM	Good
228.0	332.48	-58.43		RM	Good
231.0	332.48	-58.34		RM	Good
234.0	332.55	-58.30		RM	Good
237.0	332.45	-58.22		RM	Good
240.0	332.27	-58.09		RM	Good
243.0	332.15	-58.06		RM	Good
246.0	332.17	-57.93		RM	Good
249.0	332.16	-57.76		RM	Good
252.0	332.27	-57.62		RM	Good
255.0	332.30	-57.56		RM	Good
258.0	332.36	-57.39		RM	Good
261.0	332.38	-57.33		RM	Good
264.0	332.44	-57.35		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
267.0	332.52	-57.30		RM	Good
270.0	332.65	-57.25		RM	Good
273.0	332.88	-57.13		RM	Good
276.0	332.97	-57.04		RM	Good
279.0	332.95	-56.83		RM	Good
282.0	333.07	-56.70		RM	Good
285.0	333.14	-56.72		RM	Good
288.0	333.18	-56.61		RM	Good
291.0	333.29	-56.56		RM	Good
294.0	333.27	-56.47		RM	Good
297.0	333.19	-56.36		RM	Good
300.0	333.23	-56.31		RM	Good
303.0	333.33	-56.31		RM	Good
306.0	333.37	-56.30		RM	Good
309.0	333.37	-56.26		RM	Good
312.0	333.35	-56.26		RM	Good
315.0	333.43	-56.14		RM	Good
318.0	333.38	-56.05		RM	Good
321.0	333.43	-56.00		RM	Good
324.0	333.39	-55.95		RM	Good
327.0	333.44	-55.89		RM	Good
330.0	333.52	-55.87		RM	Good
333.0	333.58	-55.84		RM	Good
336.0	333.58	-55.82		RM	Good
339.0	333.67	-55.77		RM	Good
342.0	334.07	-55.80		RM	Good
345.0	333.98	-55.37		RM	Good
348.0	333.67	-55.76		RM	Good
351.0	333.82	-55.77		RM	Good
354.0	333.58	-55.71		RM	Good
357.0	333.80	-55.70		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
360.0	333.90	-55.64		RM	Good
363.0	334.05	-55.58		RM	Good
366.0	333.48	-55.60		RM	Good
369.0	333.53	-55.54		RM	Good
372.0	333.18	-55.55		RM	Good
375.0	334.15	-55.43		RM	Good
378.0	333.26	-55.49		RM	Good
381.0	335.40	-55.47		RM	Good
384.0	334.07	-55.45		RM	Good
387.0	334.65	-55.41		RM	Good
390.0	334.34	-55.44		RM	Good
393.0	334.20	-55.44		RM	Good
396.0	334.10	-55.45		RM	Good
399.0	334.17	-55.46		RM	Good
402.0	334.19	-55.46		RM	Good
405.0	334.03	-55.41		RM	Good
408.0	333.98	-55.42		RM	Good
411.0	334.20	-55.45		RM	Good
414.0	333.99	-55.37		RM	Good
417.0	334.15	-55.38		RM	Good
420.0	334.22	-55.30		RM	Good
423.0	334.00	-55.31		RM	Good

From	To	Lithologic Group					
0.00	5.70	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	5.70	5.70			Unaltered	0%	Over burden from 0-5.7m
From	To	Lithologic Group					
5.70	11.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
5.70	7.00	1.30	440973	0.005	Silicified	10%	light grey, medium graind, equigranular, strong CB fracturing from 5.7-15m
7.00	8.00	1.00	440974	0.013	Silicified	8%	
8.00	9.00	1.00	440975	0.016	Silicified	8%	
9.00	10.00	1.00	440976	0.752	Silicified	12%	fault breccia
10.00	11.00	1.00	440977	0.830	Silicified	10%	fault breccia
From	To	Lithologic Group					
11.00	12.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
11.00	12.00	1.00	440978	0.330	Silicified	12%	15cm patch of CL rich mtx with cpy+py min in mx.
From	To	Lithologic Group					
12.00	43.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
12.00	13.00	1.00	440979	0.134	Silicified	7%	
13.00	14.00	1.00	440980	0.025	Silicified	5%	15cm of fault breccia
14.00	15.00	1.00	440981	0.029	Silicified	3%	
15.00	16.00	1.00	440982	0.057	Silicified	2%	
16.00	17.00	1.00	440983	0.073	Silicified	3%	minor porphyritic texture from 16m
17.00	18.00	1.00	440985	0.046	Silicified	2%	
18.00	19.00	1.00	440986	0.051	Silicified	2%	
19.00	20.00	1.00	440987	0.012	Silicified	3%	
20.00	21.00	1.00	440988	0.054	Silicified	6%	
21.00	22.00	1.00	440989	0.054	Silicified	2%	
22.00	23.00	1.00	440991	0.221	Silicified	1%	
23.00	24.00	1.00	440992	0.189	Silicified	3%	
24.00	25.00	1.00	440993	0.138	Silicified	3%	Intense si-halo around fracture
25.00	26.00	1.00	440994	0.137	Silicified	2%	
26.00	27.00	1.00	440995	0.060	Sericitic alteration	3%	
27.00	28.00	1.00	440997	0.274	Silicified	1%	

28.00	29.00	1.00	440998	0.912	Silicified	4%	
29.00	30.00	1.00	440999	0.147	Silicified	2%	
30.00	30.90	0.90	441000	0.064	Silicified	2%	
30.90	32.00	1.10	434001	0.230	Silicified	4%	Change in Sample # Sequence
32.00	33.00	1.00	434002	3.490	Silicified	6%	
33.00	34.00	1.00	434003	0.037	Silicified	1%	
34.00	35.00	1.00	434004	0.173	Silicified	1%	
35.00	36.00	1.00	434005	0.041	Silicified	2%	
36.00	37.20	1.20	434006	0.309	Sericitic alteration	4%	includes 30cm of QDR
37.20	38.00	0.80	434007	0.104	Silicified	1%	
38.00	39.00	1.00	434008	0.283	Silicified	5%	
39.00	40.00	1.00	434009	0.107	Silicified	6%	
40.00	41.00	1.00	434011	0.070	Silicified	5%	
41.00	42.00	1.00	434013	0.055	Silicified	1%	
42.00	43.00	1.00	434014	0.302	Silicified	3%	

From	To	Lithologic Group					
43.00	48.15	Quartz Diorite Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
43.00	44.00	1.00	434015	1.271	Chloritic alteration	6%	80% QDR mx, 14% Ton Wallrock. CLR+Bo altered qdr, med-coarse grained, dark green/black, non magnetic
44.00	45.00	1.00	434016	0.176	Chloritic alteration	2%	75% QDR mx, 23% Ton Wallrock
45.00	46.00	1.00	434017	0.128	Chloritic alteration	1%	100% mx
46.00	47.00	1.00	434018	0.226	Chloritic alteration	2%	40% mx, 60% wallrock
47.00	48.15	1.15	434019	0.315	Chloritic alteration	5%	95% mx

From	To	Lithologic Group					
48.15	50.10	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
48.15	49.00	0.85	434020	0.145	Silicified	2%	
49.00	50.10	1.10	434021	0.328	Silicified	5%	

From	To	Lithologic Group					
50.10	70.90	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
50.10	51.00	0.90	434022	0.048	Chloritic alteration	4%	Medium grained, dark green, massive, non-magnetic
51.00	52.00	1.00	434023	0.097	Chloritic alteration	2%	
52.00	53.00	1.00	434025	0.005	Chloritic alteration	6%	
53.00	54.00	1.00	434026	1.582	Chloritic alteration	1%	
54.00	55.00	1.00	434027	0.013	Chloritic alteration	4%	
55.00	56.00	1.00	434028	0.017	Chloritic alteration	2%	
56.00	57.00	1.00	434029	0.136	Chloritic alteration	8%	

57.00	58.00	1.00	434031	2.180	Chloritic alteration	4%
58.00	59.00	1.00	434032	1.005	Chloritic alteration	26%
59.00	60.00	1.00	434033	1.401	Chloritic alteration	15%
60.00	61.00	1.00	434034	0.011	Chloritic alteration	1%
61.00	62.00	1.00	434035	0.024	Chloritic alteration	1%
62.00	63.50	1.50	434037	0.026	Chloritic alteration	2%
63.50	65.00	1.50	434038	0.195	Chloritic alteration	1%
65.00	66.50	1.50	434039	0.050	Chloritic alteration	2%
66.50	68.00	1.50	434040	0.163	Chloritic alteration	6%
68.00	69.50	1.50	434041	0.024	Chloritic alteration	1%
69.50	70.90	1.40	434042	0.013	Chloritic alteration	1%

From	To	Lithologic Group				
70.90	72.90	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
70.90	72.00	1.10	434043	0.007	Biotitic alteration	1%	
72.00	72.90	0.90	434044	0.037	Biotitic alteration	5%	

From	To	Lithologic Group				
72.90	123.70	Diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
72.90	74.00	1.10	434045	0.013	Chloritic alteration	3%	
74.00	75.50	1.50	434046	0.091	Chloritic alteration	20%	
75.50	77.00	1.50	434047	0.579	Chloritic alteration	11%	
77.00	78.50	1.50	434049	0.048	Chloritic alteration	21%	
78.50	80.00	1.50	434051	0.011	Chloritic alteration	2%	
80.00	81.50	1.50	434052	0.007	Chloritic alteration	3%	
81.50	83.00	1.50	434053	0.006	Chloritic alteration	3%	
83.00	84.50	1.50	434054	0.005	Chloritic alteration	5%	
84.50	86.00	1.50	434055	0.015	Chloritic alteration	8%	20cm ton fragment
86.00	87.50	1.50	434056	0.017	Chloritic alteration	6%	
87.50	89.00	1.50	434057	0.966	Chloritic alteration	7%	
89.00	90.50	1.50	434058	0.018	Chloritic alteration	30%	
90.50	92.00	1.50	434059	0.021	Chloritic alteration	20%	
92.00	93.50	1.50	434061	0.008	Chloritic alteration	3%	
93.50	95.00	1.50	434062	0.007	Chloritic alteration	20%	
95.00	96.50	1.50	434063	0.068	Chloritic alteration	2%	
96.50	98.00	1.50	434064	0.018	Chloritic alteration	1%	
98.00	99.50	1.50	434065	0.214	Chloritic alteration	2%	
99.50	101.00	1.50	434066	0.428	Chloritic alteration	4%	
101.00	102.50	1.50	434067	0.372	Chloritic alteration	3%	
102.50	104.00	1.50	434068	0.043	Chloritic alteration	3%	Increase in quartz content from 102.5-111m
104.00	105.50	1.50	434069	0.091	Chloritic alteration	2%	

105.50	107.00	1.50	434071	0.120	Chloritic alteration	3%
107.00	108.50	1.50	434073	0.056	Chloritic alteration	2%
108.50	110.00	1.50	434074	0.263	Chloritic alteration	1%
110.00	111.50	1.50	434075	0.042	Chloritic alteration	1%
111.50	113.00	1.50	434076	0.011	Chloritic alteration	1%
113.00	114.50	1.50	434077	0.015	Chloritic alteration	1%
114.50	116.00	1.50	434078	0.013	Chloritic alteration	1%
116.00	117.50	1.50	434079	0.055	Chloritic alteration	1%
117.50	119.00	1.50	434080	0.115	Chloritic alteration	2%
119.00	120.50	1.50	434081	0.192	Chloritic alteration	1%
120.50	122.00	1.50	434082	0.288	Chloritic alteration	1%
122.00	123.00	1.00	434083	0.402	Chloritic alteration	1%
123.00	123.70	0.70	434085	0.017	Chloritic alteration	3%

From	To	Lithologic Group				
123.70	150.60	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
123.70	125.00	1.30	434086	0.358	Silicified	2%	medium grained, grey, equigranular, non magnetic, sharp contact with DR
125.00	126.00	1.00	434087	0.265	Silicified	2%	
126.00	127.00	1.00	434088	0.108	Silicified	3%	
127.00	128.00	1.00	434089	0.465	Silicified	3%	
128.00	129.00	1.00	434091	0.241	Silicified	4%	
129.00	130.00	1.00	434092	0.305	Silicified	3%	
130.00	131.00	1.00	434093	0.133	Silicified	6%	
131.00	132.00	1.00	434094	0.032	Silicified	3%	
132.00	133.00	1.00	434095	0.115	Silicified	1%	
133.00	134.00	1.00	434097	0.085	Silicified	2%	
134.00	135.00	1.00	434098	0.094	Silicified	1%	
135.00	136.00	1.00	434099	0.059	Silicified	1%	
136.00	137.00	1.00	434100	0.069	Silicified	3%	
137.00	138.00	1.00	434101	0.379	Silicified	2%	
138.00	139.00	1.00	434102	0.161	Silicified	3%	
139.00	140.00	1.00	434103	0.214	Silicified	2%	
140.00	141.00	1.00	434104	0.264	Silicified	3%	
141.00	142.00	1.00	434105	0.080	Silicified	2%	
142.00	143.00	1.00	434106	0.108	Silicified	1%	
143.00	144.00	1.00	434107	0.140	Silicified	1%	
144.00	145.00	1.00	434108	0.169	Silicified	3%	
145.00	146.00	1.00	434109	0.101	Silicified	2%	
146.00	147.00	1.00	434111	0.068	Silicified	3%	
147.00	148.00	1.00	434113	0.183	Silicified	2%	
148.00	149.00	1.00	434114	0.123	Silicified	2%	

149.00	150.00	1.00	434115	0.080	Silicified	2%	
150.00	150.60	0.60	434116	0.022	Silicified	1%	
From	To	Lithologic Group					
150.60	154.50	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
150.60	152.00	1.40	434117	0.098	Chloritic alteration	1%	Corase grained, foliated contact, dark green, 20% qz, non magnetic
152.00	153.00	1.00	434118	0.013	Chloritic alteration	1%	
153.00	154.50	1.50	434119	0.585	Chloritic alteration	1%	
From	To	Lithologic Group					
154.50	163.50	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
154.50	156.00	1.50	434120	0.261	Chloritic alteration	1%	medium grained, dark green, massive, no quartz
156.00	157.50	1.50	434121	11.200	Chloritic alteration	3%	
157.50	159.00	1.50	434122	0.087	Chloritic alteration	1%	
159.00	160.50	1.50	434123	0.046	Chloritic alteration	1%	
160.50	162.00	1.50	434125	0.043	Chloritic alteration	1%	
162.00	163.50	1.50	434126	0.028	Chloritic alteration	2%	
From	To	Lithologic Group					
163.50	166.20	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
163.50	165.00	1.50	434127	0.082	Chloritic alteration	1%	short interval of coarse grained QDR w/ gradational contacts
165.00	166.20	1.20	434128	0.029	Chloritic alteration	1%	
From	To	Lithologic Group					
166.20	171.80	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
166.20	167.00	0.80	434129	0.095	Chloritic alteration	1%	5cm fg dr fragment
167.00	168.50	1.50	434131	0.729	Chloritic alteration	1%	rare fg DR fragments <5%
168.50	170.00	1.50	434132	0.039	Chloritic alteration	1%	rare fg DR fragments <5%
170.00	171.00	1.00	434133	0.087	Chloritic alteration	2%	
171.00	171.80	0.80	434134	0.109	Chloritic alteration	1%	
From	To	Lithologic Group					
171.80	173.70	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
171.80	173.00	1.20	434135	0.015	Silicified	0%	mtx light pink/white, fg, eq, unaltered. Fragments, DR, fg, dark green, 1-10cm, 40% frag.
173.00	173.70	0.70	434137	0.009	Silicified	0%	

From 173.70	To 306.42	Lithologic Group					
		Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
173.70	175.00	1.30	434138	0.038	Silicified	2%	light pink/white, fg, eq, non-magnetic
175.00	176.00	1.00	434139	0.021	Silicified	2%	
176.00	177.00	1.00	434140	0.022	Silicified	3%	
177.00	178.00	1.00	434141	0.015	Silicified	3%	
178.00	179.00	1.00	434142	0.091	Silicified	2%	
179.00	180.00	1.00	434143	0.074	Silicified	2%	
180.00	181.00	1.00	434144	0.113	Silicified	2%	
181.00	182.00	1.00	434145	0.006	Silicified	2%	
182.00	183.00	1.00	434146	0.058	Silicified	2%	
183.00	184.00	1.00	434147	0.008	Silicified	1%	
184.00	185.00	1.00	434149	0.008	Silicified	1%	
185.00	186.00	1.00	434151	0.007	Silicified	2%	
186.00	187.00	1.00	434152	0.187	Silicified	2%	
187.00	188.00	1.00	434153	0.045	Silicified	2%	
188.00	189.00	1.00	434154	0.029	Silicified	1%	
189.00	190.00	1.00	434155	8.510	Silicified	4%	
190.00	191.00	1.00	434156	0.313	Silicified	1%	
191.00	192.00	1.00	434157	0.118	Silicified	1%	
192.00	193.00	1.00	434158	0.159	Silicified	1%	
193.00	194.00	1.00	434159	0.084	Silicified	2%	
194.00	195.00	1.00	434161	0.062	Silicified	1%	
195.00	196.00	1.00	434162	0.177	Silicified	2%	
196.00	197.00	1.00	434163	0.046	Silicified	1%	
197.00	198.00	1.00	434164	0.007	Silicified	1%	
198.00	199.10	1.10	434165	0.019	Silicified	1%	
199.10	200.30	1.20	434166	0.072	Silicified	15%	
200.30	201.00	0.70	434167	0.495	Silicified	1%	
201.00	202.00	1.00	434168	0.121	Silicified	4%	
202.00	203.00	1.00	434169	0.057	Silicified	2%	
203.00	204.00	1.00	434171	0.051	Silicified	2%	
204.00	205.00	1.00	434173	0.014	Silicified	2%	
205.00	206.00	1.00	434174	0.006	Silicified	1%	
206.00	207.00	1.00	434175	0.005	Silicified	1%	
207.00	208.00	1.00	434176	0.005	Silicified	1%	
208.00	209.00	1.00	434177	0.005	Silicified	2%	
209.00	210.00	1.00	434178	0.005	Silicified	1%	
210.00	211.00	1.00	434179	0.005	Silicified	1%	
211.00	212.10	1.10	434180	0.005	Silicified	15%	
212.10	213.00	0.90	434181	0.038	Silicified	1%	

213.00	214.00	1.00	434182	0.141	Silicified	2%	
214.00	215.00	1.00	434183	0.053	Silicified	2%	
215.00	216.00	1.00	434185	0.021	Silicified	1%	
216.00	217.00	1.00	434186	0.035	Silicified	2%	
217.00	218.00	1.00	434187	0.139	Silicified	1%	
218.00	219.00	1.00	434188	0.048	Silicified	8%	
219.00	220.00	1.00	434189	0.044	Silicified	1%	
220.00	221.00	1.00	434191	0.005	Silicified	2%	
221.00	222.00	1.00	434192	0.030	Silicified	2%	
222.00	223.00	1.00	434193	0.355	Sericitic alteration	2%	
223.00	224.00	1.00	434194	0.878	Sericitic alteration	1%	
224.00	225.00	1.00	434195	0.245	Silicified	1%	
225.00	226.00	1.00	434197	0.105	Silicified	1%	
226.00	227.00	1.00	434198	0.120	Silicified	2%	
227.00	228.00	1.00	434199	0.030	Silicified	1%	
228.00	229.00	1.00	434200	0.006	Silicified	1%	
229.00	230.00	1.00	434201	0.011	Silicified	2%	
230.00	231.00	1.00	434202	0.032	Silicified	1%	
231.00	232.00	1.00	434203	0.475	Silicified	2%	
232.00	233.00	1.00	434204	0.058	Silicified	2%	
233.00	234.00	1.00	434205	0.007	Silicified	1%	
234.00	235.00	1.00	434206	0.048	Silicified	1%	
235.00	236.00	1.00	434207	0.070	Silicified	1%	
236.00	237.00	1.00	434208	0.158	Sericitic alteration	2%	
237.00	238.00	1.00	434209	0.123	Silicified	5%	
238.00	239.00	1.00	434211	0.225	Sericitic alteration	1%	
239.00	240.00	1.00	434213	0.086	Silicified	1%	
240.00	241.00	1.00	434214	0.189	Silicified	2%	
241.00	242.00	1.00	434215	0.064	Silicified	3%	
242.00	243.00	1.00	434216	0.214	Silicified	1%	
243.00	244.00	1.00	434217	0.068	Silicified	2%	
244.00	245.00	1.00	434218	0.096	Silicified	1%	
245.00	246.00	1.00	434219	1.184	Silicified	3%	
246.00	247.00	1.00	434220	0.092	Silicified	1%	
247.00	248.00	1.00	434221	0.167	Silicified	1%	
248.00	249.00	1.00	434222	0.113	Silicified	1%	
249.00	250.00	1.00	434223	0.028	Silicified	1%	
250.00	251.00	1.00	434225	0.034	Silicified	1%	
251.00	252.00	1.00	434226	0.077	Silicified	1%	Justin started logging, medium grained, massive, equigranular, medium grey
252.00	253.00	1.00	434227	0.199	Silicified	1%	
253.00	254.00	1.00	434228	0.055	Sericitic alteration	1%	

254.00	255.00	1.00	434229	0.215	Sericitic alteration	1%	
255.00	256.00	1.00	434231	0.111	Silicified	1%	
256.00	257.00	1.00	434232	0.365	Sericitic alteration	2%	
257.00	258.00	1.00	434233	0.202	Sericitic alteration	1%	
258.00	259.00	1.00	434234	0.193	Biotitic alteration	1%	dark grey
259.00	259.61	0.61	434235	0.088	Biotitic alteration	1%	
259.61	260.55	0.94	434237	0.158	Biotitic alteration	1%	
260.55	261.09	0.54	434238	0.186	Silicified	0%	
261.09	262.04	0.95	434239	0.224	Silicified	1%	
262.04	263.00	0.96	434240	0.075	Silicified	1%	
263.00	264.00	1.00	434241	0.314	Silicified	2%	
264.00	265.00	1.00	434242	0.233	Sericitic alteration	1%	
265.00	265.88	0.88	434243	0.432	Sericitic alteration	2%	
265.88	267.00	1.12	434244	0.145	Chloritic alteration	2%	
267.00	268.00	1.00	434245	0.119	Sericitic alteration	5%	
268.00	269.00	1.00	434246	0.256	Silicified	4%	
269.00	270.00	1.00	434247	0.316	Silica–Sodic alteration	1%	light pinkish grey
270.00	270.70	0.70	434249	0.290	Silica–Sodic alteration	1%	5cm mafic dike
270.70	272.10	1.40	434251	0.151	Sericitic alteration	1%	
272.10	273.00	0.90	434252	0.040	Silicified	1%	
273.00	274.05	1.05	434253	0.240	Silicified	2%	
274.05	275.00	0.95	434254	0.104	Silicified	1%	
275.00	276.00	1.00	434255	0.532	Sericitic alteration	2%	
276.00	276.97	0.97	434256	0.067	Silicified	2%	
276.97	278.00	1.03	434257	0.575	Silicified	2%	
278.00	279.00	1.00	434258	0.041	Silicified	2%	
279.00	279.96	0.96	434259	0.141	Silica–Sodic alteration	1%	
279.96	281.00	1.04	434261	1.001	Silica–Sodic alteration	1%	
281.00	282.00	1.00	434262	0.155	Silica–Sodic alteration	1%	
282.00	283.14	1.14	434263	0.430	Silica–Sodic alteration	1%	
283.14	284.44	1.30	434264	0.586	Chloritic alteration	1%	greenish grey
284.44	285.00	0.56	434265	0.258	Silicified	2%	
285.00	286.00	1.00	434266	0.803	Silicified	2%	
286.00	287.00	1.00	434267	1.389	Silica–Sodic alteration	2%	
287.00	288.00	1.00	434268	0.139	Sericitic alteration	2%	
288.00	289.00	1.00	434269	0.420	Silica–Sodic alteration	2%	
289.00	290.00	1.00	434271	0.158	Silica–Sodic alteration	1%	
290.00	291.00	1.00	434273	2.591	Biotitic alteration	3%	
291.00	291.79	0.79	434274	1.912	Biotitic alteration	3%	
291.79	293.00	1.21	434275	0.815	Silicified	3%	
293.00	294.00	1.00	434276	0.195	Silicified	3%	
294.00	294.95	0.95	434277	1.078	Silicified	3%	

294.95	295.96	1.01	434278	0.312	Silicified	3%	
295.96	296.90	0.94	434279	0.119	Silicified	5%	
296.90	297.97	1.07	434280	0.219	Silicified	7%	
297.97	299.00	1.03	434281	0.067	Silicified	12%	
299.00	300.00	1.00	434282	0.124	Silicified	5%	
300.00	301.00	1.00	434283	0.377	Silica–Sodic alteration	3%	
301.00	302.00	1.00	434285	0.235	Silica–Sodic alteration	2%	
302.00	303.00	1.00	434286	19.500	Silica–Sodic alteration	4%	
303.00	304.00	1.00	434287	5.600	Silica–Sodic alteration	4%	11cm mafic dike
304.00	305.12	1.12	434288	1.159	Silica–Sodic alteration	15%	30cm mafic dike
305.12	306.42	1.30	434289	0.569	Silica–Sodic alteration	3%	

From	To	Lithologic Group	
306.42	307.65	Fault Zone	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
306.42	307.65	1.23	434291	0.163	Chloritic alteration	1%	tonalite in breccia welded by chl, rubbly core and dike nearby

From	To	Lithologic Group	
307.65	308.90	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
307.65	308.90	1.25	434292	0.005	Silica–Sodic alteration	1%	intense Hem staining, reddish grey

From	To	Lithologic Group	
308.90	311.29	Mafic Dyke	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
308.90	310.00	1.10	434293	0.005	Chloritic alteration	2%	medium grained, massive, foliated, dark greenish grey.
310.00	311.29	1.29	434294	0.018	Chloritic alteration	3%	

From	To	Lithologic Group	
311.29	342.00	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
311.29	312.00	0.71	434295	0.295	Silicified	3%	medium grained, massive, equigranular, pinkish grey
312.00	312.64	0.64	434297	0.753	Silicified	20%	
312.64	314.01	1.37	434298	0.347	Silicified	2%	
314.01	315.00	0.99	434299	0.277	Silicified	3%	
315.00	316.00	1.00	434300	0.459	Silicified	2%	
316.00	317.00	1.00	434301	0.494	Silicified	6%	
317.00	318.00	1.00	434302	0.092	Silicified	3%	
318.00	319.00	1.00	434303	0.006	Silicified	1%	
319.00	320.00	1.00	434304	0.014	Silicified	2%	
320.00	321.00	1.00	434305	0.023	Silicified	1%	
321.00	322.00	1.00	434306	0.028	Silicified	2%	
322.00	323.00	1.00	434307	0.120	Silicified	3%	

323.00	324.00	1.00	434308	0.036	Silicified	1%	
324.00	324.97	0.97	434309	0.022	Silicified	2%	
324.97	326.00	1.03	434311	0.483	Silicified	1%	
326.00	327.00	1.00	434313	0.025	Silicified	4%	
327.00	328.00	1.00	434314	0.024	Silicified	2%	
328.00	328.85	0.85	434315	0.025	Silicified	0%	
328.85	330.00	1.15	434316	0.032	Silicified	6%	
330.00	331.00	1.00	434317	0.205	Silicified	6%	
331.00	331.80	0.80	434318	0.059	Silicified	5%	
331.80	333.00	1.20	434319	0.076	Silicified	1%	
333.00	334.00	1.00	434320	0.082	Silicified	1%	
334.00	334.96	0.96	434321	0.196	Silicified	2%	
334.96	336.00	1.04	434322	0.463	Silicified	7%	
336.00	337.00	1.00	434323	0.237	Silicified	2%	
337.00	338.00	1.00	434325	0.373	Silicified	3%	
338.00	339.00	1.00	434326	0.503	Silicified	5%	Mo in vein at 338.81m
339.00	340.00	1.00	434327	0.059	Biotitic alteration	1%	dark grey
340.00	340.73	0.73	434328	0.194	Biotitic alteration	2%	
340.73	342.00	1.27	434329	0.031	Biotitic alteration	3%	light pinkish grey

From	To	Lithologic Group					
342.00	343.00	Quartz diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
342.00	343.00	1.00	434331	0.088	Biotitic alteration	2%	58cm QDr dike (medium grained, massive, equigranular, dark grey)

From	To	Lithologic Group					
343.00	352.75	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
343.00	344.00	1.00	434332	0.019	Silicified	1%	medium grained, massive, equigranular, light pinkish grey
344.00	345.38	1.38	434333	0.059	Silicified	3%	Mo in vein at 345.17m
345.38	346.00	0.62	434334	0.049	Silicified	4%	
346.00	347.00	1.00	434335	0.017	Silicified	12%	
347.00	348.00	1.00	434337	0.271	Silicified	4%	
348.00	349.05	1.05	434338	0.323	Silicified	9%	
349.05	350.10	1.05	434339	1.162	Silicified	4%	
350.10	351.00	0.90	434340	0.222	Sericitic alteration	5%	
351.00	352.00	1.00	434341	0.046	Sericitic alteration	7%	
352.00	352.75	0.75	434342	0.007	Silicified	5%	

From	To	Lithologic Group					
352.75	354.14	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
352.75	354.14	1.39	434343	0.005	Chloritic alteration	8%	

From	To	Lithologic Group					
354.14	356.12	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
354.14	355.00	0.86	434344	0.139	Silicified	1%	
355.00	356.12	1.12	434345	0.188	Silicified	3%	
From	To	Lithologic Group					
356.12	361.27	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
356.12	357.00	0.88	434346	0.021	Biotitic alteration	3%	Medium grained, massive, equigranular, dark grey
357.00	358.03	1.03	434347	0.011	Biotitic alteration	3%	quartz eyes
358.03	359.03	1.00	434349	0.010	Biotitic alteration	2%	
359.03	360.00	0.97	434351	0.069	Biotitic alteration	2%	
360.00	361.27	1.27	434352	0.249	Biotitic alteration	5%	
From	To	Lithologic Group					
361.27	363.78	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
361.27	362.00	0.73	434353	0.065	Silicified	1%	medium grained, massive, equigranular, light grey
362.00	363.00	1.00	434354	0.055	Silicified	2%	
363.00	363.78	0.78	434355	0.016	Silicified	1%	magnetic
From	To	Lithologic Group					
363.78	367.58	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
363.78	365.00	1.22	434356	0.160	Chloritic alteration	5%	magnetic, fine to medium grained, massive, equigranular, dark grey
365.00	366.00	1.00	434357	0.031	Chloritic alteration	1%	magnetic
366.00	366.90	0.90	434358	0.244	Chloritic alteration	3%	magnetic
366.90	367.58	0.68	434359	0.090	Chloritic alteration	2%	magnetic
From	To	Lithologic Group					
367.58	372.88	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
367.58	369.00	1.42	434361	0.051	Silicified	6%	medium grained, massive, equigranular, light grey, magnetic
369.00	369.95	0.95	434362	0.130	Silicified	1%	
369.95	371.00	1.05	434363	0.077	Silicified	3%	12cm mafic dike
371.00	372.00	1.00	434364	0.019	Silicified	4%	37cm of mafic dike
372.00	372.88	0.88	434365	0.037	Silicified	4%	
From	To	Lithologic Group					
372.88	373.98	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

372.88	373.98	1.10	434366	0.026	Chloritic alteration	5%	fine to medium grained, foliated, dark grey
From	To		Lithologic Group				
373.98	375.14		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
373.98	375.14	1.16	434367	0.559	Silicified	5%	medium grained, massive, equigranular, pinkish grey
From	To		Lithologic Group				
375.14	376.24		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
375.14	376.24	1.10	434368	0.037	Chloritic alteration	4%	fine to medium grained, foliated, equigranular, dark greenish grey
From	To		Lithologic Group				
376.24	378.25		Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
376.24	377.00	0.76	434369	0.020	Chloritic alteration	1%	medium grained, massive, equigranular, light greenish grey
377.00	378.25	1.25	434371	0.029	Chloritic alteration	1%	
From	To		Lithologic Group				
378.25	379.45		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
378.25	379.45	1.20	434373	0.005	Biotitic alteration	5%	fine grained, foliated, equigranular, dark grey
From	To		Lithologic Group				
379.45	380.91		Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
379.45	380.00	0.55	434374	0.105	Chloritic alteration	3%	medium grained, massive, equigranular, light greenish grey
380.00	380.91	0.91	434375	0.340	Chloritic alteration	2%	25cm of tonalite cutting
From	To		Lithologic Group				
380.91	386.50		Lamprophyre Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
380.91	382.00	1.09	434376	0.032	Biotitic alteration	1%	fine grained, massive, biotite phytic, dark grey
382.00	383.00	1.00	434377	0.005	Biotitic alteration	2%	
383.00	384.00	1.00	434378	0.005	Biotitic alteration	2%	
384.00	385.00	1.00	434379	0.007	Biotitic alteration	1%	
385.00	386.50	1.50	434380	0.052	Chloritic alteration	1%	
From	To		Lithologic Group				
386.50	389.67		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
386.50	387.88	1.38	434381	0.089	Silicified	5%	medium grained, massive, equigranular, light pinkish grey

387.88	389.00	1.12	434382	0.123	Silicified	5%
389.00	389.67	0.67	434383	0.129	Silicified	2%

From	To	Lithologic Group				
389.67	400.11	Diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
389.67	391.00	1.33	434385	0.006	Chloritic alteration	5%	medium grained, foliated, equigranular, dark greenish grey
391.00	392.00	1.00	434386	0.005	Chloritic alteration	3%	
392.00	393.00	1.00	434387	0.005	Chloritic alteration	2%	
393.00	394.00	1.00	434388	0.352	Chloritic alteration	2%	
394.00	395.00	1.00	434389	0.009	Chloritic alteration	6%	
395.00	396.00	1.00	434391	0.014	Chloritic alteration	25%	VN03 shallow angle to core axis
396.00	397.02	1.02	434392	0.513	Chloritic alteration	8%	skimmed along contact and VN04 along contact, 15% tonalite
397.02	398.00	0.98	434393	0.016	Chloritic alteration	2%	
398.00	399.00	1.00	434394	0.005	Chloritic alteration	1%	
399.00	400.11	1.11	434395	0.005	Chloritic alteration	1%	

From	To	Lithologic Group				
400.11	411.32	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
400.11	401.18	1.07	434397	0.129	Silicified	11%	medium grained, massive, equigranular, light grey, skimmed contact and VN04 along contact, 10% Dr
401.18	402.00	0.82	434398	0.292	Silicified	2%	
402.00	403.00	1.00	434399	0.095	Sericitic alteration	4%	
403.00	404.00	1.00	434400	0.473	Sericitic alteration	4%	
404.00	405.00	1.00	434401	0.148	Silicified	5%	
405.00	406.00	1.00	434402	0.124	Silicified	5%	
406.00	406.99	0.99	434403	0.248	Silicified	5%	
406.99	408.00	1.01	434404	0.468	Silicified	3%	
408.00	409.00	1.00	434405	0.526	Silicified	4%	
409.00	410.00	1.00	434406	0.939	Silicified	4%	
410.00	411.32	1.32	434407	0.478	Silicified	5%	

From	To	Lithologic Group				
411.32	412.23	Diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
411.32	412.23	0.91	434408	0.005	Biotitic alteration	2%	medium grained, foliated, equigranular, dark grey

From	To	Lithologic Group				
412.23	413.21	Diorite Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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412.23	413.21	0.98	434409	0.090	Silicified	12%	10% matrix, tonalite brecciated by surrounding diorite
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From	To	Lithologic Group					
413.21	414.62	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
413.21	414.00	0.79	434411	0.012	Chloritic alteration	4%	medium grained, foliated, equigranular, dark greenish grey
414.00	414.62	0.62	434413	0.013	Chloritic alteration	9%	

From	To	Lithologic Group					
414.62	424.87	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
414.62	415.33	0.71	434414	0.008	Silicified	3%	medium grained, massive, equigranular, light pinkish grey
415.33	416.00	0.67	434415	0.030	Silicified	2%	
416.00	417.00	1.00	434416	0.082	Sericitic alteration	1%	
417.00	418.06	1.06	434417	0.355	Silicified	8%	
418.06	418.59	0.53	434418	0.061	Silicified	2%	
418.59	419.24	0.65	434419	0.260	Silicified	3%	
419.24	420.00	0.76	434420	0.151	Silicified	2%	
420.00	421.40	1.40	434421	0.252	Silicified	4%	
421.40	422.00	0.60	434422	0.005	Silicified	3%	
422.00	423.00	1.00	434423	0.007	Silicified	2%	
423.00	424.13	1.13	434425	0.006	Silicified	6%	
424.13	424.87	0.74	434426	0.010	Silicified	3%	EOH

DRILL HOLE REPORT

Drill Hole **GOS21-85** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -65.0
 Length 438.0 m
 Started 09-Jun-21
 Completed 20-Jun-21
 Logged 12-Jul-21
 Logged by Brian Tomczuk
 Target
 Comments Laurent from 436097

Company
 Contractor Chenier Drilling Services
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition

Survey Details:

Claim Number PAT-11127
 Property Chester
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool GPS

Coordinates:

Easting 430890.43
 UTM Datum NAD83 Northing 5267828.06
 UTM Zone 17 Elevation 381.74

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
39.0	330.92	-67.73		RM	Good	78.0	330.00	-67.73		RM	Good
45.0	330.55	-67.81		RM	Good	81.0	329.94	-67.74		RM	Good
48.0	330.68	-67.59		RM	Good	84.0	330.04	-67.77		RM	Good
51.0	330.40	-67.83		RM	Good	87.0	329.70	-67.75		RM	Good
54.0	329.80	-68.40		RM	Good	90.0	329.07	-67.71		RM	Good
60.0	330.42	-67.67		RM	Good	93.0	329.83	-67.75		RM	Good
63.0	330.36	-67.71		RM	Good	96.0	329.67	-67.77		RM	Good
66.0	330.23	-67.72		RM	Good	99.0	330.31	-67.74		RM	Good
69.0	330.24	-67.67		RM	Good	102.0	330.13	-67.64		RM	Good
72.0	330.20	-67.71		RM	Good	111.0	329.59	-67.78		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
114.0	329.49	-67.67		RM	Good
117.0	329.57	-67.72		RM	Good
120.0	330.32	-67.73		RM	Good
123.0	330.22	-67.72		RM	Good
126.0	330.18	-67.72		RM	Good
129.0	330.04	-67.88		RM	Good
132.0	330.42	-67.75		RM	Good
135.0	329.88	-67.77		RM	Good
141.0	330.05	-67.65		RM	Good
147.0	329.93	-68.00		RM	Good
150.0	329.78	-67.83		RM	Good
153.0	329.85	-67.80		RM	Good
156.0	330.87	-67.90		RM	Good
159.0	330.61	-67.83		RM	Good
162.0	330.42	-67.91		RM	Good
165.0	330.58	-67.93		RM	Good
171.0	329.88	-67.88		RM	Good
174.0	329.68	-67.88		RM	Good
177.0	330.03	-67.86		RM	Good
180.0	329.99	-67.92		RM	Good
183.0	330.07	-67.91		RM	Good
186.0	330.03	-67.88		RM	Good
189.0	330.65	-67.50		RM	Good
192.0	330.30	-67.82		RM	Good
195.0	330.73	-68.60		RM	Good
198.0	330.63	-67.73		RM	Good
201.0	330.35	-67.89		RM	Good
204.0	330.78	-67.11		RM	Good
210.0	330.35	-68.23		RM	Good
213.0	331.04	-67.91		RM	Good
216.0	330.68	-68.00		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
219.0	330.12	-68.40		RM	Good
222.0	330.81	-67.92		RM	Good
225.0	330.67	-67.90		RM	Good
228.0	330.99	-67.91		RM	Good
231.0	331.34	-68.33		RM	Good
234.0	331.03	-68.02		RM	Good
243.0	330.34	-67.82		RM	Good
246.0	330.21	-67.95		RM	Good
249.0	330.48	-67.87		RM	Good
252.0	330.38	-67.89		RM	Good
255.0	330.48	-67.89		RM	Good
258.0	330.48	-67.89		RM	Good
261.0	330.55	-67.85		RM	Good
264.0	330.36	-67.90		RM	Good
267.0	330.25	-67.97		RM	Good
270.0	330.31	-67.88		RM	Good
273.0	330.50	-67.89		RM	Good
276.0	330.92	-67.89		RM	Good
282.0	330.53	-67.88		RM	Good
285.0	329.92	-68.03		RM	Good
288.0	330.17	-67.84		RM	Good
291.0	330.43	-67.86		RM	Good
294.0	330.36	-67.84		RM	Good
297.0	330.33	-67.83		RM	Good
300.0	329.82	-68.13		RM	Good
303.0	329.81	-67.89		RM	Good
306.0	330.31	-67.81		RM	Good
309.0	330.23	-67.75		RM	Good
312.0	330.29	-67.70		RM	Good
315.0	330.41	-67.75		RM	Good
318.0	330.36	-67.77		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
321.0	330.62	-67.73		RM	Good
324.0	329.88	-67.77		RM	Good
327.0	329.87	-67.93		RM	Good
330.0	329.97	-67.61		RM	Good
333.0	329.74	-68.10		RM	Good
342.0	329.38	-67.53		RM	Good
345.0	329.60	-67.51		RM	Good
351.0	329.64	-67.46		RM	Good
354.0	329.02	-67.43		RM	Good
357.0	329.86	-67.39		RM	Good
360.0	330.00	-67.34		RM	Good
366.0	330.16	-67.30		RM	Good
369.0	329.51	-67.22		RM	Good
372.0	330.08	-67.25		RM	Good
375.0	330.10	-67.18		RM	Good
378.0	330.10	-67.17		RM	Good
381.0	330.07	-67.13		RM	Good
387.0	329.21	-67.10		RM	Good
390.0	329.13	-66.99		RM	Good
393.0	330.44	-66.91		RM	Good
396.0	329.83	-66.92		RM	Good
399.0	330.14	-66.89		RM	Good
402.0	330.35	-66.86		RM	Good
405.0	329.29	-66.80		RM	Good
408.0	330.04	-66.78		RM	Good
411.0	330.43	-66.78		RM	Good
414.0	329.87	-66.74		RM	Good
417.0	329.99	-66.76		RM	Good
420.0	329.85	-66.78		RM	Good
423.0	328.91	-66.79		RM	Good
426.0	329.43	-66.91		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
429.0	329.83	-66.95		RM	Good
432.0	328.99	-67.02		RM	Good
435.0	329.05	-67.00		RM	Good
438.0	329.91	-66.97		RM	Good

From	To	Lithologic Group					
0.00	7.93	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	7.93	7.93			Unaltered	0%	OB
From	To	Lithologic Group					
7.93	24.60	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
7.93	9.00	1.07	436001	0.169	Silicified	4%	Ton, light gry, mg, mass, non-magnetic
9.00	10.00	1.00	436002	0.011	Silicified	2%	
10.00	11.13	1.13	436003	0.037	Silicified	8%	
11.13	12.00	0.87	436004	0.120	Silicified	3%	
12.00	13.00	1.00	436005	0.040	Silicified	3%	
13.00	14.00	1.00	436006	0.090	Silicified	3%	
14.00	15.00	1.00	436007	0.053	Silicified	4%	
15.00	16.00	1.00	436008	0.101	Silicified	2%	
16.00	17.00	1.00	436009	0.077	Silicified	3%	
17.00	18.00	1.00	436011	0.048	Silicified	4%	
18.00	19.00	1.00	436013	0.082	Silicified	5%	
19.00	20.05	1.05	436014	0.047	Silicified	5%	
20.05	21.00	0.95	436015	0.051	Silicified	1%	28cm mafic dyke
21.00	22.00	1.00	436016	0.068	Silicified	3%	
22.00	23.00	1.00	436017	0.054	Silicified	6%	
23.00	24.00	1.00	436018	0.088	Silicified	3%	
24.00	24.60	0.60	436019	0.170	Silicified	3%	
From	To	Lithologic Group					
24.60	25.75	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
24.60	25.75	1.15	436020	0.005	Unaltered	1%	fg w ep altd plag phenos, magnetic
From	To	Lithologic Group					
25.75	38.35	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
25.75	27.00	1.25	436021	0.228	Silicified	4%	Ton, light gry, mg, mass, non-magnetic
27.00	28.00	1.00	436022	0.094	Silicified	3%	
28.00	29.00	1.00	436023	0.146	Silicified	1%	
29.00	30.00	1.00	436025	0.302	Silicified	1%	
30.00	31.00	1.00	436026	0.035	Silicified	1%	

31.00	32.00	1.00	436027	0.068	Silicified	2%	
32.00	33.00	1.00	436028	0.248	Silicified	1%	
33.00	34.00	1.00	436029	0.044	Silicified	2%	
34.00	35.00	1.00	436031	0.123	Silicified	2%	
35.00	36.00	1.00	436032	0.138	Silicified	1%	
36.00	37.00	1.00	436033	0.156	Silicified	4%	bleached
37.00	38.35	1.35	436034	0.042	Silicified	2%	bleached
From	To	Lithologic Group					
38.35	41.05	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
38.35	39.50	1.15	436035	0.041	Chloritic alteration	2%	fg, non-mag, drk gry-grn, wk-mid fol at contacts
39.50	41.05	1.55	436037	0.038	Chloritic alteration	2%	
From	To	Lithologic Group					
41.05	44.45	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
41.05	42.00	0.95	436038	0.026	Silicified	5%	
42.00	43.00	1.00	436039	0.658	Silicified	4%	
43.00	44.45	1.45	436040	0.805	Silicified	4%	
From	To	Lithologic Group					
44.45	46.50	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
44.45	45.50	1.05	436041	0.070	Carbonate Altered	1%	drk gry-blk w cg bi xls, fg, wkly foliated, non-mag
45.50	46.50	1.00	436042	0.154	Carbonate Altered	1%	
From	To	Lithologic Group					
46.50	76.55	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
46.50	48.00	1.50	436043	0.118	Silicified	2%	Ton, light gry, mg, mass, non-magnetic
48.00	49.00	1.00	436044	0.099	Silicified	1%	
49.00	50.00	1.00	436045	0.118	Silicified	3%	
50.00	51.00	1.00	436046	0.158	Silicified	1%	
51.00	52.00	1.00	436047	0.102	Silicified	1%	
52.00	53.00	1.00	436049	0.147	Sericitic alteration	2%	
53.00	54.00	1.00	436051	0.159	Silicified	3%	
54.00	55.00	1.00	436052	0.033	Silicified	2%	
55.00	56.00	1.00	436053	0.037	Silicified	15%	bleached
56.00	57.00	1.00	436054	0.062	Silicified	2%	bleached
57.00	58.30	1.30	436055	0.068	Silicified	2%	bleached
58.30	59.00	0.70	436056	0.017	Sericitic alteration	2%	
59.00	60.00	1.00	436057	0.023	Silicified	1%	
60.00	61.00	1.00	436058	0.037	Sericitic alteration	2%	

61.00	62.00	1.00	436059	0.033	Sericitic alteration	2%
62.00	63.00	1.00	436061	0.011	Sericitic alteration	3%
63.00	64.00	1.00	436062	0.020	Sericitic alteration	1%
64.00	65.00	1.00	436063	0.053	Sericitic alteration	1%
65.00	66.00	1.00	436064	0.076	Sericitic alteration	2%
66.00	67.00	1.00	436065	0.018	Sericitic alteration	1%
67.00	68.00	1.00	436066	0.042	Sericitic alteration	4%
68.00	69.00	1.00	436067	0.112	Sericitic alteration	2%
69.00	70.00	1.00	436068	0.025	Sericitic alteration	2%
70.00	71.00	1.00	436069	0.030	Sericitic alteration	1%
71.00	72.00	1.00	436071	0.005	Sericitic alteration	1%
72.00	73.00	1.00	436073	0.083	Sericitic alteration	1%
73.00	74.00	1.00	436074	0.284	Sericitic alteration	1%
74.00	75.00	1.00	436075	0.255	Sericitic alteration	2%
75.00	76.55	1.55	436076	0.216	Sericitic alteration	1%

From	To	Lithologic Group				
76.55	77.50	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
76.55	77.50	0.95	436077	0.066	Chloritic alteration	2%	drk gry-grn, fg, non-mag, fol loc to contacts

From	To	Lithologic Group				
77.50	100.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
77.50	79.00	1.50	436078	0.150	Sericitic alteration	2%	Ton, light gry, mg, mass, non- magnetic
79.00	80.00	1.00	436079	0.029	Sericitic alteration	3%	
80.00	81.00	1.00	436080	0.721	Sericitic alteration	4%	
81.00	82.00	1.00	436081	0.041	Sericitic alteration	2%	
82.00	83.00	1.00	436082	0.401	Sericitic alteration	2%	
83.00	84.00	1.00	436083	1.063	Sericitic alteration	1%	
84.00	85.00	1.00	436085	0.492	Sericitic alteration	1%	
85.00	86.00	1.00	436086	0.429	Sericitic alteration	1%	
86.00	87.00	1.00	436087	1.381	Sericitic alteration	1%	
87.00	88.00	1.00	436088	0.140	Sericitic alteration	2%	
88.00	89.00	1.00	436089	0.097	Sericitic alteration	2%	
89.00	90.00	1.00	436091	0.021	Sericitic alteration	1%	
90.00	91.00	1.00	436092	0.039	Sericitic alteration	2%	
91.00	92.00	1.00	436093	0.111	Sericitic alteration	1%	
92.00	93.00	1.00	436094	0.123	Sericitic alteration	1%	
93.00	94.10	1.10	436095	0.073	Sericitic alteration	3%	
94.10	95.00	0.90	436097	0.094	Silicified	3%	x LG from here
95.00	96.00	1.00	436098	0.104	Silicified	8%	x
96.00	97.00	1.00	436099	0.088	Sericitic alteration	4%	x

97.00	98.00	1.00	436100	0.298	Sericitic alteration	5%	x
98.00	99.00	1.00	436101	0.045	Silicified	7%	x
99.00	100.00	1.00	436102	0.035	Silicified	9%	x

From	To	Lithologic Group					
100.00	101.00	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
100.00	101.00	1.00	436103	0.221	Chloritic alteration	15%	x

From	To	Lithologic Group					
101.00	137.90	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
101.00	102.00	1.00	436104	0.047	Silicified	4%	x
102.00	103.00	1.00	436105	0.047	Silicified	3%	x BC
103.00	104.00	1.00	436106	0.042	Silicified	4%	x
104.00	105.00	1.00	436107	0.111	Silicified	2%	x
105.00	106.00	1.00	436108	0.008	Silicified	2%	x
106.00	107.00	1.00	436109	0.022	Silicified	3%	x
107.00	108.00	1.00	436111	0.005	Silicified	3%	x
108.00	109.00	1.00	436113	0.012	Silicified	6%	x
109.00	110.00	1.00	436114	0.042	Silicified	4%	x
110.00	111.00	1.00	436115	0.010	Silicified	5%	x
111.00	112.00	1.00	436116	0.005	Silicified	2%	x
112.00	113.00	1.00	436117	0.005	Silicified	3%	x
113.00	114.00	1.00	436118	0.033	Silicified	2%	x
114.00	115.00	1.00	436119	0.023	Silicified	5%	x
115.00	116.00	1.00	436120	0.028	Silicified	4%	x
116.00	117.00	1.00	436121	0.031	Silicified	3%	x
117.00	118.00	1.00	436122	0.026	Silicified	2%	x
118.00	119.00	1.00	436123	0.024	Silicified	1%	x
119.00	120.00	1.00	436125	0.068	Silicified	2%	x
120.00	121.00	1.00	436126	0.314	Silicified	4%	x
121.00	122.00	1.00	436127	0.241	Silicified	2%	x
122.00	123.00	1.00	436128	0.089	Silicified	5%	x
123.00	124.00	1.00	436129	0.041	Silicified	3%	x
124.00	125.00	1.00	436131	0.029	Silicified	3%	x
125.00	126.00	1.00	436132	0.080	Silicified	4%	x
126.00	127.00	1.00	436133	0.042	Silicified	5%	x
127.00	128.00	1.00	436134	0.011	Silicified	5%	x
128.00	129.00	1.00	436135	0.005	Silicified	3%	x
129.00	130.00	1.00	436137	0.044	Silicified	5%	x
130.00	131.00	1.00	436138	0.055	Silicified	9%	x
131.00	132.00	1.00	436139	0.030	Silicified	4%	x
132.00	133.00	1.00	436140	0.029	Silicified	4%	x

133.00	134.00	1.00	436141	0.029	Silicified	2%	x
134.00	135.00	1.00	436142	0.012	Silicified	3%	x
135.00	136.00	1.00	436143	0.029	Silicified	5%	x
136.00	137.00	1.00	436144	0.070	Sericitic alteration	4%	x
137.00	137.90	0.90	436145	0.154	Sericitic alteration	6%	x
From	To		Lithologic Group				
137.90	138.45		Quartz Feldspar porphyry				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
137.90	138.45	0.55	436146	0.228	Chloritic alteration	8%	x
From	To		Lithologic Group				
138.45	139.10		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
138.45	139.10	0.65	436147	0.105	Sericitic alteration	2%	x
From	To		Lithologic Group				
139.10	140.00		Quartz Feldspar porphyry				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
139.10	140.00	0.90	436149	0.043	Chloritic alteration	4%	x
From	To		Lithologic Group				
140.00	140.60		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
140.00	140.60	0.60	436151	0.011	Silicified	4%	x
From	To		Lithologic Group				
140.60	142.70		Quartz Feldspar porphyry				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
140.60	141.60	1.00	436152	0.015	Chloritic alteration	7%	x
141.60	142.70	1.10	436153	0.011	Chloritic alteration	12%	x
From	To		Lithologic Group				
142.70	264.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
142.70	144.00	1.30	436154	0.029	Sericitic alteration	1%	x
144.00	145.00	1.00	436155	0.041	Sericitic alteration	2%	x
145.00	146.00	1.00	436156	0.042	Sericitic alteration	2%	x
146.00	147.00	1.00	436157	0.025	Sericitic alteration	5%	x
147.00	148.00	1.00	436158	0.056	Sericitic alteration	2%	x
148.00	149.00	1.00	436159	0.011	Sericitic alteration	2%	x
149.00	150.00	1.00	436161	0.149	Sericitic alteration	7%	x
150.00	151.00	1.00	436162	0.038	Sericitic alteration	3%	x
151.00	152.00	1.00	436163	0.041	Sericitic alteration	4%	x
152.00	153.00	1.00	436164	0.005	Sericitic alteration	2%	x
153.00	154.00	1.00	436165	0.005	Sericitic alteration	2%	x
154.00	155.00	1.00	436166	0.109	Sericitic alteration	6%	x small breccia

155.00	156.00	1.00	436167	0.155	Sericitic alteration	4%	x
156.00	157.00	1.00	436168	1.669	Sericitic alteration	18%	x
157.00	158.00	1.00	436169	0.706	Sericitic alteration	15%	x
158.00	159.00	1.00	436171	0.130	Sericitic alteration	4%	x
159.00	160.00	1.00	436173	0.065	Sericitic alteration	2%	x
160.00	161.00	1.00	436174	0.041	Sericitic alteration	3%	x
161.00	162.00	1.00	436175	0.117	Sericitic alteration	4%	x
162.00	163.00	1.00	436176	0.030	Sericitic alteration	4%	x
163.00	164.00	1.00	436177	0.029	Sericitic alteration	2%	x
164.00	165.00	1.00	436178	0.087	Sericitic alteration	1%	x
165.00	166.00	1.00	436179	0.085	Sericitic alteration	2%	x
166.00	167.00	1.00	436180	0.091	Sericitic alteration	3%	x
167.00	168.00	1.00	436181	0.061	Sericitic alteration	3%	x
168.00	169.00	1.00	436182	0.079	Sericitic alteration	1%	x
169.00	170.00	1.00	436183	0.057	Sericitic alteration	2%	x
170.00	171.00	1.00	436185	0.163	Sericitic alteration	2%	x
171.00	172.00	1.00	436186	0.055	Sericitic alteration	2%	x
172.00	173.00	1.00	436187	0.036	Chloritic alteration	3%	x
173.00	174.00	1.00	436188	0.132	Chloritic alteration	4%	x
174.00	175.00	1.00	436189	0.191	Chloritic alteration	3%	x
175.00	176.00	1.00	436191	0.367	Sericitic alteration	6%	x
176.00	177.00	1.00	436192	0.866	Sericitic alteration	2%	x
177.00	178.00	1.00	436193	0.041	Chloritic alteration	3%	x
178.00	179.00	1.00	436194	0.128	Chloritic alteration	4%	x
179.00	180.00	1.00	436195	0.119	Chloritic alteration	4%	x
180.00	181.00	1.00	436197	0.109	Sericitic alteration	2%	x
181.00	182.00	1.00	436198	0.040	Sericitic alteration	2%	x
182.00	183.00	1.00	436199	0.049	Sericitic alteration	2%	x
183.00	184.00	1.00	436200	0.043	Silicified	1%	x
184.00	185.00	1.00	436201	0.025	Silicified	2%	x
185.00	186.00	1.00	436202	0.378	Silicified	7%	x
186.00	187.00	1.00	436203	0.106	Silicified	4%	x
187.00	188.00	1.00	436204	0.210	Silicified	2%	x
188.00	189.00	1.00	436205	0.048	Silicified	5%	x
189.00	190.00	1.00	436206	0.171	Silicified	4%	x
190.00	191.00	1.00	436207	0.110	Silicified	3%	x
191.00	192.00	1.00	436208	0.043	Silicified	3%	x
192.00	193.00	1.00	436209	0.103	Silicified	4%	x
193.00	194.00	1.00	436211	0.039	Silicified	2%	x
194.00	195.00	1.00	436213	0.345	Silicified	5%	x
195.00	196.00	1.00	436214	0.025	Silicified	4%	x
196.00	197.00	1.00	436215	0.089	Silicified	10%	x

197.00	198.00	1.00	436216	0.289	Silicified	3%	x
198.00	199.00	1.00	436217	0.148	Silicified	4%	x
199.00	200.00	1.00	436218	0.064	Silicified	4%	x
200.00	201.00	1.00	436219	0.126	Silicified	7%	x
201.00	202.00	1.00	436220	0.039	Silicified	20%	x
202.00	203.00	1.00	436221	0.055	Silicified	4%	x
203.00	204.00	1.00	436222	0.056	Silicified	3%	x
204.00	205.00	1.00	436223	0.154	Silicified	5%	x
205.00	206.00	1.00	436225	0.423	Silicified	6%	x
206.00	207.00	1.00	436226	0.115	Silicified	3%	x
207.00	208.00	1.00	436227	0.229	Silicified	4%	x
208.00	209.00	1.00	436228	0.152	Silicified	4%	x
209.00	210.00	1.00	436229	0.092	Silicified	2%	x
210.00	211.00	1.00	436231	0.297	Sericitic alteration	3%	x
211.00	212.00	1.00	436232	0.540	Sericitic alteration	4%	x
212.00	213.00	1.00	436233	0.602	Sericitic alteration	3%	x
213.00	214.00	1.00	436234	0.299	Silicified	4%	x
214.00	215.00	1.00	436235	0.065	Silicified	4%	x
215.00	216.00	1.00	436237	0.149	Silicified	5%	x
216.00	217.00	1.00	436238	0.197	Silicified	3%	x
217.00	218.00	1.00	436239	0.223	Silicified	3%	x
218.00	219.00	1.00	436240	0.019	Silicified	3%	x
219.00	220.00	1.00	436241	0.125	Silicified	2%	x
220.00	221.00	1.00	436242	0.073	Silicified	3%	x
221.00	222.00	1.00	436243	0.627	Silicified	6%	x
222.00	223.00	1.00	436244	0.205	Silicified	4%	x
223.00	224.00	1.00	436245	0.738	Silicified	7%	x
224.00	225.00	1.00	436246	0.358	Silicified	4%	x
225.00	226.00	1.00	436247	0.074	Silicified	2%	x
226.00	227.00	1.00	436249	0.096	Silicified	3%	x
227.00	228.00	1.00	436251	0.194	Silicified	1%	x
228.00	229.00	1.00	436252	0.245	Silicified	3%	x
229.00	230.00	1.00	436253	0.281	Silicified	2%	x
230.00	231.00	1.00	436254	0.036	Silicified	2%	x
231.00	232.00	1.00	436255	0.150	Silicified	1%	x
232.00	233.00	1.00	436256	0.182	Silicified	1%	x
233.00	234.00	1.00	436257	0.172	Silicified	1%	x
234.00	235.00	1.00	436258	0.074	Silicified	2%	x
235.00	236.00	1.00	436259	0.084	Silicified	2%	x
236.00	237.00	1.00	436261	0.485	Silicified	2%	x
237.00	238.00	1.00	436262	0.203	Silicified	3%	x
238.00	239.00	1.00	436263	0.298	Silicified	2%	x

239.00	240.00	1.00	436264	0.182	Silicified	2%	x
240.00	241.00	1.00	436265	0.145	Silicified	18%	x
241.00	242.00	1.00	436266	0.191	Silicified	2%	x
242.00	243.00	1.00	436267	0.278	Silicified	2%	x
243.00	244.00	1.00	436268	1.376	Silicified	3%	x
244.00	245.00	1.00	436269	0.423	Silicified	2%	x
245.00	246.00	1.00	436271	0.117	Silicified	3%	x
246.00	247.00	1.00	436273	0.088	Silicified	5%	x
247.00	248.00	1.00	436274	0.021	Silicified	2%	x
248.00	249.00	1.00	436275	0.247	Silicified	2%	x
249.00	250.00	1.00	436276	0.910	Silicified	4%	x
250.00	251.00	1.00	436277	0.743	Silicified	8%	x
251.00	252.00	1.00	436278	0.130	Silicified	2%	x
252.00	253.00	1.00	436279	0.098	Silicified	3%	x
253.00	254.00	1.00	436280	0.077	Silicified	1%	x
254.00	255.00	1.00	436281	0.091	Silicified	1%	x
255.00	256.00	1.00	436282	0.318	Silicified	1%	x
256.00	257.00	1.00	436283	0.113	Silicified	2%	x
257.00	258.00	1.00	436285	0.159	Silicified	4%	x
258.00	259.00	1.00	436286	0.737	Silicified	2%	x
259.00	260.00	1.00	436287	0.126	Silicified	2%	x
260.00	261.00	1.00	436288	0.226	Silicified	3%	x
261.00	262.00	1.00	436289	0.192	Silicified	1%	x
262.00	263.00	1.00	436291	0.714	Silicified	2%	x
263.00	264.00	1.00	436292	7.710	Silicified	10%	x

From	To	Lithologic Group					
264.00	270.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
264.00	265.00	1.00	436293	0.394	Silicified	3%	x 7% Mx
265.00	266.00	1.00	436294	0.081	Silicified	2%	x 5% Mx
266.00	267.00	1.00	436295	0.103	Silicified	2%	x 5% Mx
267.00	268.00	1.00	436297	0.231	Silicified	3%	x 5% Mx
268.00	269.00	1.00	436298	0.193	Silicified	2%	x 5% Mx
269.00	270.00	1.00	436299	0.184	Silicified	3%	x 5% Mx

From	To	Lithologic Group					
270.00	395.92	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
270.00	271.00	1.00	436300	0.155	Silicified	3%	x
271.00	272.00	1.00	436301	0.174	Silicified	2%	x
272.00	273.00	1.00	436302	0.218	Silicified	2%	x
273.00	274.00	1.00	436303	0.249	Silicified	3%	x
274.00	275.00	1.00	436304	0.175	Silicified	4%	x

275.00	276.00	1.00	436305	0.103	Silicified	5%	x
276.00	277.00	1.00	436306	0.571	Silicified	2%	x
277.00	278.00	1.00	436307	0.067	Silicified	2%	x
278.00	279.00	1.00	436308	0.329	Silicified	2%	x
279.00	280.00	1.00	436309	0.203	Silicified	2%	x
280.00	281.00	1.00	436311	0.033	Silicified	2%	x
281.00	282.00	1.00	436313	1.018	Silicified	1%	x
282.00	283.00	1.00	436314	0.265	Silicified	2%	x
283.00	284.00	1.00	436315	0.084	Silicified	3%	x
284.00	285.00	1.00	436316	0.286	Silicified	5%	x
285.00	286.00	1.00	436317	0.299	Silicified	3%	x
286.00	287.00	1.00	436318	3.020	Silicified	2%	x
287.00	288.00	1.00	436319	0.488	Silicified	2%	x
288.00	289.00	1.00	436320	0.392	Silicified	8%	x
289.00	290.00	1.00	436321	0.679	Silicified	2%	x
290.00	291.00	1.00	436322	0.910	Silicified	3%	x
291.00	292.00	1.00	436323	0.955	Silicified	3%	x
292.00	293.00	1.00	436325	0.412	Silicified	3%	x
293.00	294.00	1.00	436326	0.401	Silicified	3%	x
294.00	295.00	1.00	436327	0.415	Silicified	2%	x
295.00	296.00	1.00	436328	0.137	Silicified	2%	x
296.00	297.00	1.00	436329	0.277	Silicified	6%	x
297.00	298.00	1.00	436331	1.300	Silicified	8%	x
298.00	299.00	1.00	436332	0.244	Silicified	14%	x
299.00	300.00	1.00	436333	0.100	Silicified	3%	x
300.00	301.00	1.00	436334	0.199	Silicified	7%	x
301.00	302.00	1.00	436335	0.073	Silicified	4%	x
302.00	303.00	1.00	436337	0.377	Silicified	7%	x
303.00	304.00	1.00	436338	0.392	Silicified	5%	x
304.00	305.00	1.00	436339	0.370	Silicified	3%	x
305.00	306.00	1.00	436340	1.283	Silicified	3%	x
306.00	307.00	1.00	436341	0.221	Silicified	4%	x
307.00	308.00	1.00	436342	0.041	Silicified	3%	x
308.00	309.00	1.00	436343	1.270	Silicified	5%	x
309.00	310.00	1.00	436344	0.243	Silicified	2%	x
310.00	311.00	1.00	436345	0.161	Silicified	4%	x
311.00	312.00	1.00	436346	0.505	Silicified	3%	x
312.00	313.00	1.00	436347	0.038	Silicified	2%	x
313.00	314.00	1.00	436349	0.101	Silicified	2%	x
314.00	315.00	1.00	436351	0.101	Silicified	3%	x
315.00	316.00	1.00	436352	0.183	Silicified	3%	x
316.00	317.00	1.00	436353	0.073	Silicified	3%	x

317.00	318.00	1.00	436354	0.184	Silicified	2%	x
318.00	319.00	1.00	436355	0.314	Silicified	4%	x
319.00	320.00	1.00	436356	0.109	Silicified	3%	x
320.00	321.00	1.00	436357	0.485	Silicified	5%	x
321.00	322.00	1.00	436358	0.720	Silicified	3%	x
322.00	323.00	1.00	436359	0.406	Silicified	7%	x
323.00	324.00	1.00	436361	0.603	Silicified	4%	x
324.00	325.00	1.00	436362	0.879	Silicified	2%	x
325.00	326.00	1.00	436363	0.363	Silicified	3%	x
326.00	327.00	1.00	436364	0.448	Silicified	3%	x
327.00	328.50	1.50	436365	0.930	Silicified	5%	x
328.50	330.00	1.50	436366	0.406	Silicified	5%	x
330.00	331.00	1.00	436367	0.320	Silicified	5%	x
331.00	332.00	1.00	436368	0.289	Silicified	2%	x
332.00	333.00	1.00	436369	0.248	Silicified	2%	x
333.00	334.00	1.00	436371	0.931	Silicified	2%	x
334.00	335.00	1.00	436373	0.048	Silicified	1%	x
335.00	336.00	1.00	436374	0.624	Silicified	1%	x
336.00	337.00	1.00	436375	0.227	Silicified	2%	x
337.00	338.00	1.00	436376	0.347	Sericitic alteration	10%	x
338.00	339.00	1.00	436377	0.101	Sericitic alteration	18%	x
339.00	340.00	1.00	436378	0.183	Silicified	3%	x
340.00	341.00	1.00	436379	0.264	Sericitic alteration	5%	x
341.00	342.00	1.00	436380	0.745	Sericitic alteration	3%	x
342.00	343.00	1.00	436381	0.271	Sericitic alteration	3%	x
343.00	344.00	1.00	436382	0.282	Silicified	4%	x
344.00	345.00	1.00	436383	0.348	Silicified	2%	x
345.00	346.00	1.00	436385	0.183	Silicified	3%	x
346.00	347.00	1.00	436386	0.289	Silicified	4%	x
347.00	348.00	1.00	436387	0.901	Silicified	2%	x
348.00	349.00	1.00	436388	0.216	Silicified	2%	x
349.00	350.00	1.00	436389	12.700	Silicified	4%	x
350.00	351.00	1.00	436391	0.152	Silicified	10%	x
351.00	352.00	1.00	436392	1.601	Silicified	12%	x
352.00	353.00	1.00	436393	0.875	Sericitic alteration	10%	x
353.00	354.00	1.00	436394	0.363	Sericitic alteration	20%	x
354.00	355.00	1.00	436395	0.059	Sericitic alteration	26%	x
355.00	356.00	1.00	436397	0.534	Sericitic alteration	2%	x
356.00	357.00	1.00	436398	0.156	Sericitic alteration	2%	x
357.00	358.00	1.00	436399	0.069	Sericitic alteration	2%	
358.00	359.00	1.00	436400	0.035	Sericitic alteration	1%	Erik logging from 358m to EOH
359.00	360.00	1.00	436401	0.022	Sericitic alteration	1%	Intense Ser alt until end of hole

360.00	361.00	1.00	436402	0.036	Sericitic alteration	1%	
361.00	362.00	1.00	436403	0.196	Sericitic alteration	3%	
362.00	363.00	1.00	436404	0.320	Sericitic alteration	3%	
363.00	364.00	1.00	436405	0.398	Sericitic alteration	3%	
364.00	365.00	1.00	436406	0.873	Sericitic alteration	2%	
365.00	366.00	1.00	436407	0.403	Sericitic alteration	4%	
366.00	367.00	1.00	436408	0.115	Sericitic alteration	2%	
367.00	368.00	1.00	436409	0.113	Sericitic alteration	7%	
368.00	369.00	1.00	436411	0.164	Sericitic alteration	3%	
369.00	370.00	1.00	436413	0.583	Sericitic alteration	2%	
370.00	371.00	1.00	436414	0.843	Sericitic alteration	2%	
371.00	372.00	1.00	436415	0.751	Sericitic alteration	1%	
372.00	373.00	1.00	436416	1.017	Silicified	2%	8cm mafdk
373.00	374.00	1.00	436417	0.641	Sericitic alteration	2%	
374.00	375.00	1.00	436418	0.627	Sericitic alteration	4%	
375.00	376.00	1.00	436419	0.370	Sericitic alteration	3%	
376.00	377.00	1.00	436420	1.212	Sericitic alteration	3%	
377.00	378.00	1.00	436421	0.454	Sericitic alteration	4%	
378.00	379.00	1.00	436422	0.740	Sericitic alteration	4%	
379.00	380.00	1.00	436423	0.280	Sericitic alteration	3%	
380.00	381.00	1.00	436425	0.607	Sericitic alteration	2%	
381.00	382.00	1.00	436426	1.880	Sericitic alteration	3%	
382.00	383.00	1.00	436427	0.493	Sericitic alteration	7%	
383.00	384.00	1.00	436428	0.263	Sericitic alteration	3%	
384.00	385.00	1.00	436429	4.240	Sericitic alteration	4%	
385.00	386.00	1.00	436431	0.701	Sericitic alteration	3%	
386.00	387.00	1.00	436432	0.618	Sericitic alteration	3%	
387.00	388.00	1.00	436433	1.566	Sericitic alteration	4%	
388.00	389.00	1.00	436434	1.024	Sericitic alteration	3%	
389.00	390.00	1.00	436435	1.617	Sericitic alteration	2%	
390.00	391.00	1.00	436437	0.311	Sericitic alteration	4%	
391.00	392.00	1.00	436438	3.460	Sericitic alteration	4%	
392.00	393.00	1.00	436439	1.406	Sericitic alteration	2%	
393.00	394.00	1.00	436440	2.283	Sericitic alteration	4%	
394.00	395.00	1.00	436441	0.281	Sericitic alteration	2%	
395.00	395.92	0.92	436442	1.131	Sericitic alteration	3%	

From	To	Lithologic Group					
395.92	396.60	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
395.92	396.60	0.68	436443	0.016	Chloritic alteration	1%	light grey, aphanitic, non-magnetic, sharp contacts

From 396.60	To 438.00	Lithologic Group					
		Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
396.60	398.00	1.40	436444	1.308	Sericitic alteration	5%	
398.00	399.00	1.00	436445	4.380	Sericitic alteration	4%	
399.00	400.00	1.00	436446	0.505	Sericitic alteration	5%	
400.00	401.00	1.00	436447	0.785	Sericitic alteration	1%	
401.00	402.00	1.00	436449	0.356	Sericitic alteration	3%	
402.00	403.00	1.00	436451	2.981	Sericitic alteration	7%	
403.00	404.00	1.00	436452	0.659	Sericitic alteration	4%	
404.00	405.00	1.00	436453	1.046	Sericitic alteration	8%	
405.00	406.00	1.00	436454	0.537	Sericitic alteration	10%	
406.00	407.00	1.00	436455	0.571	Sericitic alteration	5%	
407.00	408.00	1.00	436456	1.397	Sericitic alteration	10%	
408.00	409.10	1.10	436457	1.146	Sericitic alteration	14%	
409.10	410.00	0.90	436458	1.187	Sericitic alteration	4%	
410.00	411.00	1.00	436459	3.750	Sericitic alteration	6%	
411.00	412.00	1.00	436461	2.191	Sericitic alteration	3%	
412.00	413.00	1.00	436462	0.415	Sericitic alteration	3%	
413.00	414.00	1.00	436463	1.146	Sericitic alteration	6%	
414.00	415.00	1.00	436464	2.723	Sericitic alteration	7%	
415.00	416.00	1.00	436465	0.060	Sericitic alteration	3%	
416.00	417.00	1.00	436466	0.659	Sericitic alteration	6%	
417.00	418.00	1.00	436467	0.255	Sericitic alteration	4%	
418.00	419.00	1.00	436468	0.994	Silicified	10%	
419.00	420.00	1.00	436469	0.762	Sericitic alteration	4%	
420.00	421.00	1.00	436471	1.105	Sericitic alteration	6%	
421.00	422.00	1.00	436473	0.331	Sericitic alteration	3%	
422.00	423.00	1.00	436474	0.247	Sericitic alteration	3%	
423.00	424.00	1.00	436475	0.120	Sericitic alteration	2%	
424.00	425.00	1.00	436476	0.255	Sericitic alteration	4%	
425.00	426.00	1.00	436477	0.282	Sericitic alteration	4%	
426.00	427.00	1.00	436478	1.158	Sericitic alteration	5%	
427.00	428.00	1.00	436479	2.711	Sericitic alteration	3%	
428.00	429.00	1.00	436480	3.770	Sericitic alteration	3%	
429.00	430.00	1.00	436481	0.523	Sericitic alteration	3%	
430.00	431.00	1.00	436482	0.462	Sericitic alteration	2%	
431.00	432.00	1.00	436483	0.727	Sericitic alteration	3%	
432.00	433.00	1.00	436485	1.952	Sericitic alteration	2%	
433.00	434.00	1.00	436486	0.333	Sericitic alteration	6%	
434.00	435.00	1.00	436487	0.605	Sericitic alteration	5%	
435.00	436.00	1.00	436488	0.297	Sericitic alteration	4%	

436.00	437.00	1.00	436489	0.253	Sericitic alteration	2%	
437.00	438.00	1.00	436491	0.131	Sericitic alteration	2%	EOH @ 438m

DRILL HOLE REPORT

Drill Hole **GOS21-86** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 78.0
 Dip -60.0
 Length 482.0 m
 Started 12-Jun-21
 Completed 26-Jun-21
 Logged 26-Jun-21
 Logged by Justin Bisailon

Company
 Contractor Chenier Drilling
 Position
 Bore Size BQ
 Sample Storage Klondike Lodge
 Casing NONE
 Condition

Survey Details:

Claim Number MLO-10658
 Property 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Single-shot (unspecified)
 Coord Survey Tool DGPS

Coordinates:

Target Easting 431076.94
 Comments UTM Datum NAD83 Northing 5267809.46
 UTM Zone 17 Elevation 380.98

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
2.0	80.23	-62.38	54701			32.0	80.03	-62.21	54767		
5.0	80.28	-62.38	54719			35.0	80.09	-62.17	54770		
8.0	80.11	-62.32	54745			38.0	79.99	-62.21	54774		
11.0	80.55	-62.37	54773			41.0	80.24	-62.19	54803		
14.0	82.51	-62.92	54779			47.0	80.85	-62.51	54736		
17.0	80.28	-62.30	54785			50.0	80.24	-62.18	54665		
20.0	80.24	-62.28	54783			53.0	80.08	-62.17	54652		
23.0	80.07	-62.25	54780			56.0	79.92	-62.17	54668		
26.0	80.38	-62.29	54770			59.0	80.02	-62.21	54631		
29.0	80.16	-62.23	54770			62.0	80.27	-62.21	54748		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
65.0	79.39	-62.05	54685		
68.0	80.28	-62.21	54740		
71.0	79.97	-62.21	54692		
74.0	80.26	-62.23	54727		
77.0	80.42	-62.26	54650		
86.0	81.46	-62.53	54638		
89.0	80.97	-62.20	54696		
92.0	80.82	-62.22	54687		
95.0	81.06	-62.31	54686		
98.0	80.80	-62.32	54679		
101.0	80.91	-62.32	54699		
104.0	80.86	-62.28	54495		
107.0	81.18	-62.31	54715		
110.0	80.49	-62.29	54481		
113.0	80.87	-62.28	54613		
116.0	80.79	-62.23	54624		
119.0	80.71	-62.11	54794		
122.0	80.36	-62.13	54783		
125.0	82.17	-62.15	54744		
128.0	82.18	-62.16	54758		
131.0	81.39	-61.73	54891		
134.0	81.84	-62.15	55078		
137.0	80.98	-62.14	54541		
140.0	83.23	-62.08	54837		
143.0	82.00	-62.16	54620		
146.0	81.74	-62.19	54647		
149.0	81.94	-62.19	54763		
152.0	80.69	-61.73	54747		
155.0	82.18	-62.11	54773		
158.0	82.09	-62.10	54786		
161.0	82.07	-62.08	54780		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
164.0	82.14	-62.04	54805		
167.0	82.16	-62.08	54825		
170.0	81.90	-61.99	54738		
173.0	81.95	-61.96	54845		
176.0	81.95	-61.92	54748		
179.0	82.50	-61.87	54815		
182.0	82.58	-61.86	54780		
185.0	82.36	-61.80	54930		
188.0	82.23	-61.78	54760		
191.0	82.38	-61.77	54791		
194.0	82.76	-61.69	54830		
197.0	82.84	-61.74	54782		
200.0	82.88	-61.68	54785		
203.0	82.86	-61.65	54691		
206.0	83.11	-61.60	54679		
209.0	83.20	-61.55	54559		
212.0	83.00	-61.55	54774		
215.0	83.08	-61.61	54509		
218.0	82.85	-61.62	54862		
221.0	82.36	-61.56	54803		
230.0	83.38	-61.49	54573		
233.0	82.62	-61.44	54933		
236.0	82.48	-61.43	54843		
239.0	82.31	-61.36	54989		
242.0	84.34	-61.35	54374		
257.0	87.51	-61.25	54136		
263.0	82.55	-61.17	54703		
266.0	84.29	-61.19	54795		
269.0	83.13	-61.15	54981		
272.0	80.77	-61.11	54386		
278.0	87.12	-61.15	55812		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
284.0	83.59	-61.07	54742		
287.0	86.19	-61.03	54568		
290.0	84.95	-61.05	54876		
293.0	85.22	-60.98	54655		
296.0	84.18	-60.95	54909		
299.0	84.25	-60.78	54809		
302.0	84.14	-60.80	54809		
305.0	84.54	-60.72	54232		
308.0	84.28	-60.63	53976		
311.0	84.50	-60.57	54269		
314.0	84.37	-60.58	54104		
317.0	83.99	-60.46	54099		
320.0	85.99	-60.43	54624		
323.0	84.23	-60.38	54614		
326.0	85.08	-60.38	54638		
329.0	85.18	-60.35	55039		
332.0	83.57	-60.32	54544		
335.0	84.40	-60.28	54893		
338.0	83.93	-60.21	54643		
341.0	84.03	-60.11	53551		
344.0	84.42	-60.08	54025		
356.0	85.27	-60.08	55458		
359.0	84.17	-60.10	55737		
362.0	84.77	-60.12	55099		
365.0	84.57	-60.05	54947		
368.0	84.74	-60.12	54921		
371.0	84.61	-60.08	54853		
374.0	84.56	-60.03	54779		
377.0	86.01	-60.14	54452		
380.0	84.81	-60.00	54343		
383.0	84.79	-60.06	54235		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
386.0	84.65	-60.00	54911		
389.0	84.63	-60.04	54889		
392.0	84.59	-60.15	54847		
395.0	84.50	-60.15	54831		
398.0	84.52	-60.15	54831		
401.0	84.83	-60.12	54916		
404.0	85.18	-60.12	54878		
407.0	85.20	-60.13	54848		
410.0	85.12	-60.11	54832		
413.0	85.89	-60.08	54805		
416.0	85.98	-60.09	54805		
419.0	85.30	-60.14	54781		
422.0	85.23	-60.12	54821		
425.0	85.25	-60.05	54395		
428.0	85.28	-60.06	54850		
431.0	85.31	-60.05	54832		
434.0	85.36	-60.08	54762		
437.0	85.21	-60.04	54746		
440.0	85.14	-60.00	54727		
443.0	85.02	-60.01	54693		
446.0	85.01	-60.03	54822		
449.0	85.54	-60.01	54588		
452.0	84.76	-60.01	54756		
455.0	84.78	-60.01	54782		
458.0	85.79	-60.04	54466		
461.0	84.44	-60.00	54570		
464.0	84.80	-60.03	54835		
467.0	85.03	-60.03	54770		
470.0	84.97	-60.00	54750		
473.0	84.76	-59.97	54712		
476.0	84.87	-59.99	54731		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
479.0	84.34	-59.92	54737		
482.0	84.55	-59.97	54635		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
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From	To	Lithologic Group					
0.00	18.00	Overburden					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	18.00	18.00			Unaltered	0%	overburden

From	To	Lithologic Group					
18.00	113.15	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
18.00	19.00	1.00	434427	1.018	Chloritic alteration	15%	medium grained, foliated, equigranular, dark greenish grey
19.00	20.00	1.00	434428	0.201	Chloritic alteration	2%	
20.00	21.00	1.00	434429	0.077	Chloritic alteration	1%	
21.00	21.97	0.97	434431	0.082	Chloritic alteration	1%	
21.97	23.20	1.23	434432	0.644	Chloritic alteration	10%	
23.20	24.18	0.98	434433	0.082	Chloritic alteration	20%	
24.18	25.00	0.82	434434	0.005	Chloritic alteration	2%	
25.00	26.00	1.00	434435	0.005	Chloritic alteration	3%	
26.00	27.00	1.00	434437	0.171	Chloritic alteration	4%	
27.00	28.01	1.01	434438	0.005	Chloritic alteration	1%	
28.01	29.00	0.99	434439	0.005	Chloritic alteration	2%	
29.00	30.00	1.00	434440	0.005	Chloritic alteration	1%	
30.00	30.99	0.99	434441	0.005	Chloritic alteration	1%	
30.99	32.00	1.01	434442	0.005	Chloritic alteration	2%	
32.00	33.08	1.08	434443	0.030	Chloritic alteration	3%	
33.08	33.95	0.87	434444	0.005	Chloritic alteration	1%	
33.95	35.00	1.05	434445	0.097	Chloritic alteration	3%	
35.00	36.00	1.00	434446	0.039	Chloritic alteration	1%	
36.00	37.00	1.00	434447	0.498	Chloritic alteration	11%	
37.00	38.00	1.00	434449	0.407	Chloritic alteration	4%	
38.00	39.00	1.00	434451	0.090	Chloritic alteration	2%	
39.00	40.00	1.00	434452	0.011	Chloritic alteration	2%	
40.00	41.00	1.00	434453	0.015	Chloritic alteration	2%	
41.00	42.00	1.00	434454	0.008	Chloritic alteration	2%	
42.00	43.02	1.02	434455	0.010	Chloritic alteration	3%	
43.02	44.00	0.98	434456	0.005	Chloritic alteration	2%	
44.00	45.00	1.00	434457	0.008	Chloritic alteration	2%	
45.00	46.00	1.00	434458	0.033	Chloritic alteration	3%	
46.00	47.00	1.00	434459	0.051	Chloritic alteration	4%	
47.00	48.00	1.00	434461	0.305	Chloritic alteration	3%	
48.00	49.03	1.03	434462	0.157	Chloritic alteration	2%	

49.03	50.00	0.97	434463	0.206	Chloritic alteration	4%
50.00	51.00	1.00	434464	0.456	Chloritic alteration	1%
51.00	52.00	1.00	434465	0.032	Chloritic alteration	2%
52.00	53.00	1.00	434466	0.035	Chloritic alteration	2%
53.00	54.00	1.00	434467	0.005	Chloritic alteration	2%
54.00	55.00	1.00	434468	0.055	Chloritic alteration	3%
55.00	56.02	1.02	434469	0.005	Chloritic alteration	1%
56.02	57.00	0.98	434471	0.005	Chloritic alteration	2%
57.00	58.00	1.00	434473	0.498	Chloritic alteration	5%
58.00	59.00	1.00	434474	0.005	Chloritic alteration	2%
59.00	60.00	1.00	434475	0.027	Chloritic alteration	2%
60.00	61.00	1.00	434476	0.012	Chloritic alteration	4%
61.00	62.00	1.00	434477	0.032	Chloritic alteration	3%
62.00	63.00	1.00	434478	0.154	Chloritic alteration	5%
63.00	64.00	1.00	434479	0.339	Chloritic alteration	4%
64.00	65.00	1.00	434480	0.310	Chloritic alteration	3%
65.00	66.00	1.00	434481	0.059	Chloritic alteration	3%
66.00	66.98	0.98	434482	0.058	Chloritic alteration	26%
66.98	68.00	1.02	434483	0.487	Chloritic alteration	3%
68.00	69.00	1.00	434485	0.372	Chloritic alteration	2%
69.00	70.00	1.00	434486	0.201	Chloritic alteration	2%
70.00	71.00	1.00	434487	0.046	Chloritic alteration	2%
71.00	72.00	1.00	434488	0.075	Chloritic alteration	8%
72.00	73.00	1.00	434489	0.006	Chloritic alteration	1%
73.00	74.00	1.00	434491	0.011	Chloritic alteration	2%
74.00	75.00	1.00	434492	0.007	Chloritic alteration	3%
75.00	76.00	1.00	434493	0.007	Chloritic alteration	1%
76.00	77.00	1.00	434494	0.048	Chloritic alteration	2%
77.00	78.00	1.00	434495	0.039	Chloritic alteration	3%
78.00	79.00	1.00	434497	0.054	Chloritic alteration	2%
79.00	80.01	1.01	434498	0.087	Chloritic alteration	1%
80.01	81.00	0.99	434499	0.291	Chloritic alteration	3%
81.00	82.00	1.00	434500	0.022	Chloritic alteration	2%
82.00	83.00	1.00	434501	0.031	Chloritic alteration	2%
83.00	84.00	1.00	434502	0.071	Chloritic alteration	2%
84.00	84.99	0.99	434503	0.057	Chloritic alteration	1%
84.99	86.03	1.04	434504	0.104	Chloritic alteration	4%
86.03	87.00	0.97	434505	0.208	Chloritic alteration	4%
87.00	88.00	1.00	434506	0.024	Chloritic alteration	2%
88.00	89.00	1.00	434507	0.110	Chloritic alteration	4%
89.00	90.00	1.00	434508	0.239	Chloritic alteration	2%
90.00	91.07	1.07	434509	1.061	Chloritic alteration	3%

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91.07	91.97	0.90	434511	0.869	Chloritic alteration	1%	
91.97	93.00	1.03	434513	0.799	Chloritic alteration	2%	
93.00	94.00	1.00	434514	0.485	Chloritic alteration	1%	
94.00	95.01	1.01	434515	0.187	Chloritic alteration	1%	
95.01	96.00	0.99	434516	0.333	Chloritic alteration	3%	
96.00	97.00	1.00	434517	0.332	Chloritic alteration	2%	
97.00	98.00	1.00	434518	0.547	Chloritic alteration	0%	
98.00	99.00	1.00	434519	0.502	Chloritic alteration	3%	
99.00	100.00	1.00	434520	0.739	Chloritic alteration	3%	
100.00	100.70	0.70	434521	0.370	Chloritic alteration	2%	
100.70	101.66	0.96	434522	0.062	Chloritic alteration	3%	
101.66	102.39	0.73	434523	0.773	Chloritic alteration	6%	
102.39	103.82	1.43	434525	2.604	Sericitic alteration	30%	
103.82	105.00	1.18	434526	0.790	Sericitic alteration	12%	
105.00	105.72	0.72	434527	0.605	Sericitic alteration	50%	
105.72	106.71	0.99	434528	0.622	Sericitic alteration	12%	
106.71	107.87	1.16	434529	4.220	Chloritic alteration	7%	
107.87	109.00	1.13	434531	0.379	Chloritic alteration	11%	
109.00	110.00	1.00	434532	0.464	Chloritic alteration	15%	
110.00	111.00	1.00	434533	1.177	Chloritic alteration	8%	
111.00	112.00	1.00	434534	0.107	Chloritic alteration	2%	
112.00	113.15	1.15	434535	1.780	Chloritic alteration	4%	5% ton 2 cutting through

From	To	Lithologic Group	
113.15	116.00	Tonalite 2 Breccia	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
113.15	114.00	0.85	434537	0.690	Chloritic alteration	2%	10% ton2, strong sil alt., dark grey with reddish tinge
114.00	115.00	1.00	434538	1.045	Chloritic alteration	2%	40% ton2, 60% Dr
115.00	116.00	1.00	434539	0.744	Chloritic alteration	4%	15% ton2, 85% Dr

From	To	Lithologic Group	
116.00	116.89	Diorite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
116.00	116.89	0.89	434540	0.130	Chloritic alteration	2%	medium grained, massive, equigranular, dark greenish grey

From	To	Lithologic Group	
116.89	121.35	Tonalite 2	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
116.89	118.00	1.11	434541	0.779	Silicified	3%	fine to medium grained, massive, equigranular, medium grey
118.00	119.02	1.02	434542	0.777	Silicified	2%	
119.02	120.00	0.98	434543	0.752	Silicified	1%	
120.00	121.35	1.35	434544	0.258	Silicified	5%	

From	To	Lithologic Group					
121.35	121.88	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
121.35	121.88	0.53	434545	0.131	Chloritic alteration	4%	
From	To	Lithologic Group					
121.88	123.00	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
121.88	123.00	1.12	434546	0.949	Silicified	2%	5% Dr
From	To	Lithologic Group					
123.00	125.60	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
123.00	124.37	1.37	434547	2.026	Silicified	3%	25% Dr, 75% ton 2
124.37	125.60	1.23	434549	2.224	Silicified	3%	40% Dr, 40% Ton 2, 20% ton,
From	To	Lithologic Group					
125.60	129.00	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
125.60	127.05	1.45	434551	0.006	Biotitic alteration	3%	medium grained, biotite phyrirc, foliated, dark grey
127.05	128.00	0.95	434552	0.005	Biotitic alteration	1%	
128.00	129.00	1.00	434553	0.035	Biotitic alteration	4%	
From	To	Lithologic Group					
129.00	129.98	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
129.00	129.98	0.98	434554	0.073	Chloritic alteration	4%	medium grained, massive, equigranular, greenish grey
From	To	Lithologic Group					
129.98	135.29	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
129.98	131.00	1.02	434555	0.009	Chloritic alteration	2%	medium grained, massive, biotite phyrirc, dark greenish grey
131.00	132.00	1.00	434556	0.014	Chloritic alteration	2%	
132.00	133.00	1.00	434557	0.005	Chloritic alteration	2%	
133.00	134.00	1.00	434558	0.005	Chloritic alteration	4%	
134.00	135.29	1.29	434559	0.012	Chloritic alteration	2%	
From	To	Lithologic Group					
135.29	136.91	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
135.29	136.00	0.71	434561	0.751	Chloritic alteration	5%	medium grained, massive, equigranular, greenish grey
136.00	136.91	0.91	434562	3.090	Chloritic alteration	4%	

From	To	Lithologic Group					
136.91	140.12	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
136.91	138.00	1.09	434563	0.955	Chloritic alteration	2%	25% hem stained Ton 2 and 75% Dr
138.00	139.00	1.00	434564	1.221	Chloritic alteration	2%	10% hem stained ton 2 and 90% Dr
139.00	140.12	1.12	434565	0.305	Chloritic alteration	3%	10% hem stained ton 2 and 90% Dr
From	To	Lithologic Group					
140.12	148.53	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
140.12	141.00	0.88	434566	1.479	Chloritic alteration	1%	medium grained, massive, equigranular, dark greenish grey
141.00	142.03	1.03	434567	1.037	Chloritic alteration	3%	
142.03	143.25	1.22	434568	2.340	Chloritic alteration	13%	
143.25	144.00	0.75	434569	0.861	Chloritic alteration	4%	
144.00	145.00	1.00	434571	0.769	Chloritic alteration	2%	
145.00	146.03	1.03	434573	0.181	Chloritic alteration	2%	
146.03	147.00	0.97	434574	1.374	Chloritic alteration	10%	
147.00	148.00	1.00	434575	2.930	Chloritic alteration	12%	
148.00	148.53	0.53	434576	0.840	Chloritic alteration	15%	
From	To	Lithologic Group					
148.53	153.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
148.53	150.00	1.47	434577	0.158	Silicified	3%	brecciated BxDr by hydrothermal fluids, 25% Dr, 5% HdBx matrix, 70% tonalite
150.00	151.00	1.00	434578	0.543	Silicified	2%	
151.00	152.00	1.00	434579	1.540	Silicified	2%	
152.00	153.00	1.00	434580	0.512	Silicified	3%	
From	To	Lithologic Group					
153.00	154.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
153.00	154.00	1.00	434581	0.237	Silicified	2%	medium grained, massive, equigranular, light grey
From	To	Lithologic Group					
154.00	159.95	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
154.00	155.00	1.00	434582	1.434	Silicified	1%	15% matrix, 85% tonalite
155.00	156.00	1.00	434583	0.483	Silicified	1%	10% matrix, 90% tonalite
156.00	157.00	1.00	434585	0.677	Silicified	3%	5% matrix, 95% tonalite
157.00	158.00	1.00	434586	1.093	Silicified	2%	10% matrix, 90% tonalite

158.00	159.00	1.00	434587	8.560	Silicified	1%	5% matrix, 95% tonalite
159.00	159.95	0.95	434588	0.427	Sericitic alteration	1%	10% matrix, 90% tonalite
From	To	Lithologic Group					
159.95	165.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
159.95	161.00	1.05	434589	0.190	Silicified	5%	medium grained, massive, equigranular, light grey
161.00	162.00	1.00	434591	0.225	Silicified	2%	
162.00	163.00	1.00	434592	0.183	Silicified	3%	
163.00	164.00	1.00	434593	0.107	Silicified	3%	
164.00	165.00	1.00	434594	0.085	Silicified	5%	
From	To	Lithologic Group					
165.00	166.21	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
165.00	166.21	1.21	434595	0.382	Silicified	1%	25% matrix, 75% tonalite
From	To	Lithologic Group					
166.21	167.21	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
166.21	167.21	1.00	434597	0.027	Silicified	2%	medium grained, massive, equigranular, light grey
From	To	Lithologic Group					
167.21	176.03	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
167.21	168.00	0.79	434598	0.569	Silicified	2%	25% matrix, 75% tonalite
168.00	169.00	1.00	434599	0.320	Silicified	4%	10% matrix, 90% tonalite
169.00	170.00	1.00	434600	0.360	Silicified	2%	10% matrix, 90% tonalite
170.00	171.00	1.00	434601	0.515	Silicified	2%	10% matrix, 90% tonalite
171.00	172.00	1.00	434602	0.332	Silicified	2%	10% matrix, 90% tonalite
172.00	173.00	1.00	434603	0.399	Silicified	3%	15% matrix, 85% tonalite
173.00	174.00	1.00	434604	0.426	Silicified	2%	10% matrix, 90% tonalite
174.00	175.00	1.00	434605	0.527	Silicified	2%	15% matrix, 85% tonalite
175.00	176.03	1.03	434606	0.175	Silicified	3%	5% matrix, 95% tonalite
From	To	Lithologic Group					
176.03	177.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
176.03	177.00	0.97	434607	0.012	Sericitic alteration	2%	medium grained, massive, equigranular, medium grey
From	To	Lithologic Group					
177.00	179.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
177.00	178.00	1.00	434608	0.291	Silicified	2%	5% matrix, 95% tonalite
178.00	179.00	1.00	434609	2.216	Silicified	1%	10% matrix, 90% tonalite

From	To	Lithologic Group					
179.00	180.00	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
179.00	180.00	1.00	434611	0.640	Silicified	1%	tonalite 2 brecciating HdBx, 20% ton 2 matrix, 15% HdBx matrix, 65% tonalite
From	To	Lithologic Group					
180.00	183.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
180.00	181.00	1.00	434613	0.192	Silicified	3%	15% matrix, 85% tonalite
181.00	182.03	1.03	434614	0.401	Sericitic alteration	2%	15% matrix, 85% tonalite
182.03	183.00	0.97	434615	0.143	Sericitic alteration	2%	10% matrix, 90% tonalite
From	To	Lithologic Group					
183.00	185.19	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
183.00	184.03	1.03	434616	0.042	Sericitic alteration	2%	medium grained, massive, equigranular, light grey
184.03	184.55	0.52	434617	0.023	Sericitic alteration	3%	
184.55	185.19	0.64	434618	0.691	Silicified	2%	
From	To	Lithologic Group					
185.19	196.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
185.19	186.00	0.81	434619	0.047	Sericitic alteration	1%	5% matrix, 95% tonalite
186.00	187.00	1.00	434620	0.307	Sericitic alteration	1%	10% matrix, 90% tonalite
187.00	188.00	1.00	434621	0.242	Sericitic alteration	1%	10% matrix, 90% tonalite
188.00	189.00	1.00	434622	0.497	Sericitic alteration	2%	5% matrix, 95% tonalite
189.00	190.00	1.00	434623	0.162	Sericitic alteration	6%	5% matrix, 95% tonalite
190.00	191.01	1.01	434625	0.207	Sericitic alteration	1%	10% matrix, 90% tonalite
191.01	192.00	0.99	434626	0.348	Sericitic alteration	1%	15% matrix, 85% tonalite
192.00	193.00	1.00	434627	0.081	Sericitic alteration	2%	5% matrix, 95% tonalite
193.00	194.08	1.08	434628	0.310	Sericitic alteration	4%	5% matrix, 95% tonalite
194.08	195.00	0.92	434629	0.085	Sericitic alteration	2%	5% matrix, 95% tonalite
195.00	196.00	1.00	434631	0.245	Sericitic alteration	2%	10% matrix, 90% tonalite
From	To	Lithologic Group					
196.00	197.60	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
196.00	197.00	1.00	434632	0.005	Silicified	3%	medium grained, massive, equigranular, light grey
197.00	197.60	0.60	434633	0.019	Silicified	3%	Caitlin logging from here downhole
From	To	Lithologic Group					
197.60	207.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

197.60	199.00	1.40	434634	0.255	Silicified	1%	10% matrix
199.00	200.00	1.00	434635	0.255	Silicified	1%	5% matrix
200.00	201.00	1.00	434637	0.485	Silicified	2%	5% matrix
201.00	202.00	1.00	434638	1.405	Silicified	3%	10% matrix
202.00	203.00	1.00	434639	0.477	Silicified	1%	5% matrix
203.00	204.00	1.00	434640	0.396	Silicified	1%	5% matrix
204.00	205.00	1.00	434641	0.332	Silicified	1%	15% matrix
205.00	206.10	1.10	434642	1.280	Silicified	3%	20% matrix
206.10	207.00	0.90	434643	0.110	Silicified	2%	1% matrix

From	To	Lithologic Group					
207.00	208.50	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
207.00	208.50	1.50	434644	0.068	Silicified	3%	

From	To	Lithologic Group					
208.50	217.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
208.50	210.00	1.50	434645	0.652	Silicified	3%	25% matrix
210.00	211.00	1.00	434646	1.316	Silicified	1%	10% matrix
211.00	212.00	1.00	434647	1.423	Silicified	1%	15% matrix
212.00	213.00	1.00	434649	1.763	Silicified	1%	10% matrix
213.00	214.00	1.00	434651	0.929	Silicified	12%	35% mafic dyke; 5% matrix
214.00	215.00	1.00	434652	0.093	Silicified	1%	3% matrix
215.00	215.85	0.85	434653	0.302	Silicified	1%	3% matrix
215.85	217.00	1.15	434654	13.400	Silicified	2%	15% matrix

From	To	Lithologic Group					
217.00	225.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
217.00	218.00	1.00	434655	0.058	Silicified	2%	
218.00	219.00	1.00	434656	0.058	Sericitic alteration	1%	
219.00	220.00	1.00	434657	0.076	Sericitic alteration	1%	
220.00	221.00	1.00	434658	0.091	Sericitic alteration	5%	
221.00	222.00	1.00	434659	0.119	Sericitic alteration	3%	
222.00	223.00	1.00	434661	0.089	Sericitic alteration	2%	
223.00	224.00	1.00	434662	0.165	Sericitic alteration	2%	
224.00	225.00	1.00	434663	0.351	Sericitic alteration	5%	

From	To	Lithologic Group					
225.00	232.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
225.00	226.10	1.10	434664	0.366	Silicified	4%	15% matrix
226.10	227.00	0.90	434665	3.270	Silicified	5%	5% matrix
227.00	228.00	1.00	434666	0.295	Silicified	6%	3% matrix
228.00	229.00	1.00	434667	0.456	Silicified	12%	3% matrix

229.00	230.00	1.00	434668	0.615	Silicified	2%	5% matrix
230.00	231.00	1.00	434669	0.138	Silicified	1%	7% matrix
231.00	232.00	1.00	434671	1.759	Silicified	3%	3% matrix
From 232.00	To 233.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
232.00	233.00	1.00	434673	1.378	Silicified	2%	
From 233.00	To 234.00		Lithologic Group Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
233.00	234.00	1.00	434674	0.499	Silicified	12%	40% Ton 2 matrix with Ton fragments
From 234.00	To 237.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
234.00	235.00	1.00	434675	0.511	Silicified	6%	
235.00	236.00	1.00	434676	0.390	Silicified	2%	
236.00	237.00	1.00	434677	0.299	Silicified	1%	1% patches Ton 2
From 237.00	To 239.00		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
237.00	238.00	1.00	434678	0.405	Silicified	1%	3% matrix
238.00	239.00	1.00	434679	0.407	Silicified	3%	3% matrix; 1% patches Ton 2
From 239.00	To 240.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
239.00	240.00	1.00	434680	0.278	Silicified	10%	
From 240.00	To 243.00		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
240.00	241.00	1.00	434681	1.119	Silicified	2%	10% matrix
241.00	242.00	1.00	434682	1.220	Silicified	2%	15% matrix
242.00	243.00	1.00	434683	0.426	Silicified	1%	3% matrix
From 243.00	To 244.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
243.00	244.00	1.00	434685	0.839	Silicified	5%	
From 244.00	To 245.00		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
244.00	245.00	1.00	434686	0.245	Silicified	5%	3% matrix

From	To	Lithologic Group					
245.00	246.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
245.00	246.00	1.00	434687	0.043	Silicified	1%	
From	To	Lithologic Group					
246.00	251.65	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
246.00	247.00	1.00	434688	0.119	Silicified	1%	3% matrix
247.00	248.00	1.00	434689	0.357	Silicified	1%	5% matrix
248.00	249.00	1.00	434691	0.283	Silicified	1%	5% matrix
249.00	250.00	1.00	434692	3.230	Sericitic alteration	1%	30% matrix
250.00	250.80	0.80	434693	0.315	Silicified	1%	1% matrix
250.80	251.65	0.85	434694	4.050	Silicified	1%	20% matrix
From	To	Lithologic Group					
251.65	260.70	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
251.65	253.00	1.35	434695	0.016	Chloritic alteration	5%	
253.00	254.50	1.50	434697	0.005	Chloritic alteration	3%	
254.50	256.00	1.50	434698	0.010	Chloritic alteration	3%	
256.00	257.50	1.50	434699	0.005	Chloritic alteration	3%	
257.50	259.00	1.50	434700	0.005	Chloritic alteration	5%	
259.00	260.00	1.00	434701	0.007	Chloritic alteration	5%	
260.00	260.70	0.70	434702	0.013	Chloritic alteration	15%	
From	To	Lithologic Group					
260.70	274.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
260.70	262.00	1.30	434703	1.200	Silicified	5%	7% matrix
262.00	263.00	1.00	434704	0.201	Silicified	3%	3% matrix
263.00	264.00	1.00	434705	0.038	Silicified	7%	5% matrix
264.00	265.00	1.00	434706	0.059	Silicified	3%	3% matrix
265.00	266.00	1.00	434707	0.230	Silicified	8%	15% matrix
266.00	267.00	1.00	434708	0.160	Silicified	1%	5% matrix
267.00	268.00	1.00	434709	0.919	Silicified	5%	7% matrix
268.00	269.00	1.00	434711	0.210	Silicified	3%	20% matrix
269.00	270.00	1.00	434713	1.065	Silicified	17%	3% matrix
270.00	270.94	0.94	434714	1.282	Silicified	5%	10% matrix
270.94	272.00	1.06	434715	1.407	Silicified	2%	20% matrix
272.00	273.00	1.00	434716	1.243	Silicified	5%	10% matrix
273.00	274.00	1.00	434717	0.991	Silicified	1%	50% matrix
From	To	Lithologic Group					
274.00	274.50	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

274.00	274.50	0.50	434718	0.134	Chloritic alteration	2%	
From	To		Lithologic Group				
274.50	279.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
274.50	276.00	1.50	434719	0.174	Silicified	1%	7% matrix
276.00	277.00	1.00	434720	0.681	Silicified	1%	25% matrix
277.00	278.00	1.00	434721	1.011	Silicified	4%	10% matrix
278.00	279.00	1.00	434722	3.380	Silicified	2%	5% matrix
From	To		Lithologic Group				
279.00	280.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
279.00	280.00	1.00	434723	1.204	Silicified	5%	
From	To		Lithologic Group				
280.00	290.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
280.00	281.00	1.00	434725	1.913	Silicified	3%	3% matrix
281.00	282.00	1.00	434726	2.606	Silicified	2%	5% matrix
282.00	283.00	1.00	434727	1.622	Silicified	1%	15% matrix
283.00	284.05	1.05	434728	1.455	Silicified	3%	10% matrix
284.05	285.00	0.95	434729	1.165	Silicified	1%	10% matrix
285.00	286.00	1.00	434731	0.201	Silicified	1%	3% matrix
286.00	287.00	1.00	434732	2.005	Silicified	3%	1% matrix
287.00	288.00	1.00	434733	1.342	Silicified	1%	10% matrix
288.00	289.00	1.00	434734	0.519	Silicified	2%	1% matrix
289.00	290.00	1.00	434735	0.122	Silicified	1%	1% matrix
From	To		Lithologic Group				
290.00	290.95		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
290.00	290.95	0.95	434737	0.094	Silicified	2%	
From	To		Lithologic Group				
290.95	292.40		Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
290.95	292.40	1.45	434738	0.086	Chloritic alteration	1%	
From	To		Lithologic Group				
292.40	293.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
292.40	293.00	0.60	434739	1.208	Sericitic alteration	1%	
From	To		Lithologic Group				
293.00	294.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
293.00	294.00	1.00	434740	0.439	Sericitic alteration	2%	5% matrix

From	To	Lithologic Group					
294.00	295.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
294.00	295.00	1.00	434741	0.392	Sericitic alteration	2%	
From	To	Lithologic Group					
295.00	299.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
295.00	296.00	1.00	434742	0.885	Silicified	2%	1% matrix
296.00	297.00	1.00	434743	0.226	Sericitic alteration	1%	3% matrix
297.00	298.00	1.00	434744	0.446	Sericitic alteration	1%	5% matrix
298.00	299.00	1.00	434745	0.351	Silicified	1%	1% matrix
From	To	Lithologic Group					
299.00	300.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
299.00	300.00	1.00	434746	0.335	Silicified	1%	
From	To	Lithologic Group					
300.00	303.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
300.00	301.00	1.00	434747	0.099	Silicified	1%	1% matrix
301.00	302.00	1.00	434749	0.229	Silicified	1%	3% matrix
302.00	303.00	1.00	434751	0.215	Silicified	1%	3% matrix
From	To	Lithologic Group					
303.00	304.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
303.00	304.00	1.00	434752	0.153	Silicified	1%	
From	To	Lithologic Group					
304.00	330.80	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
304.00	305.00	1.00	434753	0.648	Silicified	1%	30% matrix
305.00	306.00	1.00	434754	1.225	Silicified	1%	5% matrix
306.00	307.00	1.00	434755	1.727	Silicified	2%	1% matrix
307.00	308.00	1.00	434756	0.450	Silicified	1%	1% matrix
308.00	309.00	1.00	434757	0.563	Silicified	1%	5% matrix
309.00	310.00	1.00	434758	0.266	Silicified	1%	10% matrix
310.00	311.00	1.00	434759	0.966	Silicified	2%	3% matrix
311.00	312.00	1.00	434761	0.634	Silicified	1%	2% matrix
312.00	313.00	1.00	434762	0.118	Silicified	2%	1% matrix
313.00	314.00	1.00	434763	0.397	Silicified	2%	3% matrix
314.00	315.00	1.00	434764	0.420	Silicified	1%	10% matrix
315.00	315.90	0.90	434765	0.552	Silicified	1%	10% matrix
315.90	317.00	1.10	434766	1.454	Silicified	3%	5% matrix

317.00	318.00	1.00	434767	1.229	Sericitic alteration	1%	5% matrix
318.00	319.00	1.00	434768	1.057	Sericitic alteration	1%	3% matrix
319.00	320.00	1.00	434769	0.941	Sericitic alteration	1%	3% matrix
320.00	321.00	1.00	434771	0.436	Silicified	1%	10% matrix
321.00	322.00	1.00	434773	0.097	Silicified	1%	1% matrix
322.00	323.00	1.00	434774	0.042	Sericitic alteration	2%	1% matrix
323.00	324.00	1.00	434775	0.106	Silicified	1%	1% matrix
324.00	325.00	1.00	434776	0.359	Silicified	2%	5% matrix
325.00	326.00	1.00	434777	0.440	Silicified	2%	3% matrix
326.00	327.00	1.00	434778	2.126	Sericitic alteration	2%	1% matrix
327.00	328.00	1.00	434779	0.388	Silicified	1%	1% matrix
328.00	329.00	1.00	434780	0.993	Silicified	10%	1% matrix
329.00	330.00	1.00	434781	2.229	Silicified	1%	3% matrix
330.00	330.80	0.80	434782	2.067	Silicified	1%	5% matrix

From	To	Lithologic Group					
330.80	331.70	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
330.80	331.70	0.90	434783	1.248	Silicified	2%	

From	To	Lithologic Group					
331.70	373.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
331.70	333.00	1.30	434785	1.014	Silicified	3%	5% matrix
333.00	334.00	1.00	434786	1.164	Silicified	1%	3% matrix
334.00	335.00	1.00	434787	0.920	Silicified	2%	5% matrix
335.00	336.00	1.00	434788	1.141	Silicified	1%	5% matrix
336.00	337.00	1.00	434789	6.690	Silicified	1%	1% matrix
337.00	338.00	1.00	434791	1.422	Sericitic alteration	1%	1% matrix
338.00	339.00	1.00	434792	3.960	Silicified	1%	5% matrix
339.00	340.00	1.00	434793	2.638	Silicified	1%	5% matrix
340.00	341.00	1.00	434794	0.632	Sericitic alteration	5%	1% matrix
341.00	342.00	1.00	434795	0.611	Sericitic alteration	1%	1% matrix
342.00	343.00	1.00	434797	1.736	Silicified	1%	1% matrix
343.00	344.00	1.00	434798	0.477	Silicified	11%	15% matrix
344.00	345.00	1.00	434799	1.063	Silicified	3%	5% matrix
345.00	346.00	1.00	434800	2.003	Sericitic alteration	4%	3% matrix
346.00	347.00	1.00	434801	0.503	Silicified	2%	1% matrix
347.00	348.00	1.00	434802	2.769	Silicified	1%	10% matrix
348.00	349.00	1.00	434803	3.350	Silicified	1%	10% matrix
349.00	350.00	1.00	434804	3.110	Silicified	1%	15% matrix
350.00	351.00	1.00	434805	0.752	Silicified	1%	3% matrix
351.00	352.00	1.00	434806	0.704	Silicified	1%	1% matrix

352.00	353.00	1.00	434807	0.189	Silicified	15%	5% matrix; 35 cm mafic dyke with sheeted VN02
353.00	354.00	1.00	434808	1.343	Silicified	1%	5% matrix
354.00	355.00	1.00	434809	1.651	Silicified	5%	10% matrix
355.00	356.00	1.00	434811	0.455	Silicified	1%	1% matrix
356.00	357.00	1.00	434813	2.113	Silicified	3%	5% matrix
357.00	358.00	1.00	434814	2.306	Silicified	2%	3% matrix
358.00	359.00	1.00	434815	0.321	Silicified	1%	1% matrix
359.00	360.00	1.00	434816	0.141	Silicified	2%	1% matrix
360.00	361.00	1.00	434817	0.005	Silicified	1%	1% matrix
361.00	362.00	1.00	434818	1.073	Silicified	5%	1% matrix
362.00	363.00	1.00	434819	0.938	Silicified	1%	5% matrix
363.00	364.00	1.00	434820	0.706	Silicified	2%	5% matrix
364.00	365.00	1.00	434821	0.804	Silicified	2%	3% matrix
365.00	366.00	1.00	434822	0.267	Silicified	2%	1% matrix
366.00	367.00	1.00	434823	0.281	Silicified	2%	3% matrix
367.00	368.00	1.00	434825	1.989	Sericitic alteration	1%	1% matrix
368.00	369.00	1.00	434826	0.920	Sericitic alteration	1%	3% matrix
369.00	370.00	1.00	434827	1.174	Silicified	1%	10% matrix
370.00	371.00	1.00	434828	1.165	Silicified	3%	10% matrix
371.00	372.00	1.00	434829	0.488	Silicified	1%	15% matrix
372.00	373.00	1.00	434831	2.549	Silicified	2%	15% matrix

From	To	Lithologic Group	
373.00	374.00	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
373.00	374.00	1.00	434832	1.761	Silicified	1%	

From	To	Lithologic Group	
374.00	381.00	Hydrothermal Breccia	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
374.00	375.00	1.00	434833	1.070	Silicified	2%	10% matrix
375.00	376.00	1.00	434834	2.026	Silicified	2%	5% matrix
376.00	377.00	1.00	434835	1.065	Silicified	1%	3% matrix
377.00	378.00	1.00	434837	1.270	Silicified	1%	1% matrix
378.00	379.00	1.00	434838	1.687	Silicified	1%	3% matrix
379.00	380.00	1.00	434839	1.144	Silicified	1%	3% matrix
380.00	381.00	1.00	434840	1.281	Silicified	2%	1% matrix

From	To	Lithologic Group	
381.00	384.00	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
381.00	382.05	1.05	434841	0.434	Silicified	97%	sample is essentially one VN04
382.05	383.20	1.15	434842	0.040	Silicified	95%	sample is essentially one VN04
383.20	384.00	0.80	434843	2.373	Sericitic alteration	5%	

From	To	Lithologic Group					
384.00	390.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
384.00	385.00	1.00	434844	1.442	Silicified	5%	1% matrix
385.00	386.00	1.00	434845	1.320	Sericitic alteration	10%	5% matrix
386.00	387.00	1.00	434846	22.000	Sericitic alteration	9%	3% matrix
387.00	388.00	1.00	434847	16.700	Silicified	1%	3% matrix
388.00	389.00	1.00	434849	9.260	Silicified	1%	1% matrix
389.00	390.00	1.00	434851	1.629	Sericitic alteration	1%	1% matrix
From	To	Lithologic Group					
390.00	392.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
390.00	391.00	1.00	434852	2.678	Sericitic alteration	2%	
391.00	392.00	1.00	434853	2.965	Sericitic alteration	5%	
From	To	Lithologic Group					
392.00	422.65	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
392.00	393.00	1.00	434854	8.610	Sericitic alteration	2%	5% matrix
393.00	394.00	1.00	434855	1.979	Sericitic alteration	1%	3% matrix
394.00	395.00	1.00	434856	0.906	Silicified	1%	1% matrix
395.00	396.00	1.00	434857	8.560	Silicified	1%	3% matrix
396.00	397.00	1.00	434858	0.755	Silicified	1%	3% matrix
397.00	398.00	1.00	434859	3.740	Silicified	1%	5% matrix
398.00	399.00	1.00	434861	1.060	Silicified	1%	1% matrix
399.00	400.00	1.00	434862	2.110	Silicified	1%	1% matrix
400.00	401.00	1.00	434863	0.850	Silicified	5%	5% matrix
401.00	402.00	1.00	434864	0.377	Silicified	3%	3% matrix
402.00	403.00	1.00	434865	0.415	Silicified	1%	5% matrix
403.00	404.00	1.00	434866	0.862	Silicified	3%	5% matrix
404.00	405.00	1.00	434867	1.041	Silicified	1%	7% matrix
405.00	406.00	1.00	434868	1.241	Silicified	2%	10% matrix
406.00	407.00	1.00	434869	0.797	Silicified	1%	10% matrix
407.00	408.00	1.00	434871	1.344	Silicified	1%	15% matrix
408.00	409.00	1.00	434873	0.656	Silicified	2%	15% matrix
409.00	410.00	1.00	434874	0.632	Silicified	4%	10% matrix
410.00	411.00	1.00	434875	0.505	Silicified	1%	10% matrix
411.00	412.00	1.00	434876	1.149	Sericitic alteration	7%	15% matrix
412.00	413.00	1.00	434877	2.234	Sericitic alteration	7%	10% matrix
413.00	414.00	1.00	434878	0.902	Sericitic alteration	1%	5% matrix
414.00	415.05	1.05	434879	4.640	Sericitic alteration	17%	3% matrix
415.05	416.00	0.95	434880	0.451	Sericitic alteration	1%	3% matrix
416.00	417.00	1.00	434881	0.219	Sericitic alteration	1%	3% matrix

417.00	418.00	1.00	434882	0.699	Silicified	1%	5% matrix
418.00	419.00	1.00	434883	0.222	Sericitic alteration	1%	3% matrix
419.00	420.00	1.00	434885	0.345	Silicified	1%	1% matrix
420.00	421.00	1.00	434886	0.424	Silicified	2%	5% matrix
421.00	422.00	1.00	434887	0.735	Silicified	1%	1% matrix
422.00	422.65	0.65	434888	1.618	Silicified	3%	1% matrix

From	To	Lithologic Group					
422.65	423.60	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
422.65	423.60	0.95	434889	0.500	Silicified	1%	40 cm LamDk

From	To	Lithologic Group					
423.60	446.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
423.60	425.00	1.40	434891	2.318	Silicified	1%	10% matrix
425.00	426.00	1.00	434892	0.233	Silicified	2%	1% matrix
426.00	427.00	1.00	434893	1.595	Silicified	1%	20% matrix
427.00	428.00	1.00	434894	0.592	Sericitic alteration	1%	1% matrix
428.00	429.00	1.00	434895	0.598	Silicified	10%	10% matrix
429.00	430.00	1.00	434897	0.490	Silicified	1%	1% matrix
430.00	431.00	1.00	434898	0.414	Silicified	2%	20% matrix
431.00	432.00	1.00	434899	0.232	Silicified	1%	1% matrix
432.00	433.00	1.00	434900	0.922	Silicified	1%	5% matrix
433.00	434.00	1.00	434901	0.846	Sericitic alteration	2%	5% matrix
434.00	435.00	1.00	434902	0.590	Silicified	1%	3% matrix
435.00	436.00	1.00	434903	1.557	Silicified	1%	5% matrix
436.00	437.00	1.00	434904	2.384	Sericitic alteration	2%	5% matrix
437.00	438.00	1.00	434905	0.865	Sericitic alteration	1%	5% matrix
438.00	439.00	1.00	434906	0.718	Silicified	1%	10% matrix
439.00	440.00	1.00	434907	0.738	Silicified	2%	7% matrix
440.00	441.00	1.00	434908	0.798	Sericitic alteration	5%	5% matrix
441.00	442.00	1.00	434909	0.429	Sericitic alteration	2%	5% matrix
442.00	443.00	1.00	434911	0.662	Sericitic alteration	5%	5% matrix
443.00	444.00	1.00	434913	0.763	Sericitic alteration	1%	5% matrix
444.00	445.00	1.00	434914	1.107	Sericitic alteration	1%	10% matrix
445.00	446.00	1.00	434915	2.520	Silicified	1%	3% matrix

From	To	Lithologic Group					
446.00	448.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
446.00	447.00	1.00	434916	2.890	Silicified	2%	
447.00	448.00	1.00	434917	5.130	Silicified	1%	

From	To	Lithologic Group					
448.00	451.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
448.00	449.00	1.00	434918	0.200	Silicified	3%	40 cm LamDk; 10% matrix
449.00	450.00	1.00	434919	2.045	Silicified	1%	7% matrix
450.00	451.00	1.00	434920	1.161	Silicified	1%	1% matrix
From	To	Lithologic Group					
451.00	452.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
451.00	452.00	1.00	434921	12.800	Sericitic alteration	3%	
From	To	Lithologic Group					
452.00	456.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
452.00	453.00	1.00	434922	1.785	Silicified	5%	3% matrix
453.00	454.00	1.00	434923	0.654	Silicified	1%	3% matrix
454.00	455.00	1.00	434925	5.660	Silicified	1%	3% matrix
455.00	456.00	1.00	434926	3.240	Silicified	1%	1% matrix
From	To	Lithologic Group					
456.00	462.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
456.00	457.00	1.00	434927	2.638	Sericitic alteration	3%	
457.00	458.00	1.00	434928	7.300	Sericitic alteration	12%	
458.00	459.00	1.00	434929	0.913	Sericitic alteration	1%	
459.00	460.00	1.00	434931	4.700	Sericitic alteration	2%	
460.00	461.02	1.02	434932	3.120	Sericitic alteration	2%	
461.02	462.00	0.98	434933	3.530	Sericitic alteration	1%	
From	To	Lithologic Group					
462.00	475.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
462.00	463.00	1.00	434934	2.424	Silicified	3%	3% matrix
463.00	464.00	1.00	434935	1.515	Silicified	1%	3% matrix
464.00	465.00	1.00	434937	74.600	Silicified	7%	3% matrix
465.00	466.00	1.00	434938	3.790	Silicified	2%	3% matrix
466.00	467.00	1.00	434939	2.590	Silicified	2%	1% matrix
467.00	468.00	1.00	434940	3.860	Silicified	1%	5% matrix
468.00	469.00	1.00	434941	1.159	Silicified	2%	5% matrix
469.00	470.00	1.00	434942	1.761	Sericitic alteration	1%	3% matrix
470.00	471.00	1.00	434943	1.897	Silicified	2%	3% matrix
471.00	472.00	1.00	434944	2.520	Silicified	2%	3% matrix
472.00	473.00	1.00	434945	2.350	Sericitic alteration	2%	1% matrix
473.00	474.00	1.00	434946	1.180	Sericitic alteration	1%	15% matrix
474.00	475.00	1.00	434947	1.153	Sericitic alteration	4%	1% matrix

From	To	Lithologic Group					
475.00	476.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
475.00	476.00	1.00	434949	0.823	Sericitic alteration	1%	
From	To	Lithologic Group					
476.00	477.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
476.00	477.00	1.00	434951	2.097	Sericitic alteration	2%	10% matrix
From	To	Lithologic Group					
477.00	482.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
477.00	478.00	1.00	434952	0.886	Sericitic alteration	1%	
478.00	479.00	1.00	434953	2.630	Sericitic alteration	1%	
479.00	480.00	1.00	434954	1.056	Sericitic alteration	1%	
480.00	481.00	1.00	434955	0.304	Sericitic alteration	1%	
481.00	482.00	1.00	434956	0.050	Sericitic alteration	1%	

DRILL HOLE REPORT

Drill Hole **GOS21-87** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 355.0
 Dip -50.0
 Length 436.5 m
 Started 13-Jun-21
 Completed 17-Jul-21
 Logged 22-Jul-21
 Logged by Justin Bisailon

Company
 Contractor Chenier Drilling
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Capped

Survey Details:

Claim Number PAT-11126
 Property Chester
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool GPS

Coordinates:

Target Easting 430727.63
 Comments UTM Datum NAD83 Northing 5267600.16
 UTM Zone 17 Elevation 385.46

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
0.0	357.40	-50.30	56516	MS		36.0	355.60	-50.10	54840		
3.0	356.90	-50.50	55583			39.0	355.70	-50.00	54839		
6.0	356.70	-50.40	55414			42.0	355.70	-49.90	54838		
9.0	356.50	-50.40	55271			45.0	355.90	-49.90	54835		
12.0	356.30	-50.30	55124			48.0	355.70	-49.80	54835		
15.0	356.20	-50.30	55073			51.0	355.90	-49.80	54835		
18.0	356.20	-50.30	55004			54.0	355.60	-49.80	54841		
27.0	355.90	-50.20	54872			57.0	355.60	-49.70	54800		
30.0	355.70	-50.10	54852			60.0	355.50	-49.70	54801		
33.0	355.50	-50.00	54838			63.0	356.00	-49.70	54660		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
66.0	355.70	-49.70	54757		
69.0	355.40	-49.70	54790		
72.0	355.50	-49.70	54800		
75.0	355.70	-49.70	54790		
78.0	355.70	-49.70	54833		
81.0	355.70	-49.60	54819		
84.0	355.70	-49.60	54736		
87.0	355.70	-49.60	54810		
90.0	355.90	-49.60	54901		
93.0	356.00	-49.60	54841		
96.0	355.90	-49.60	54814		
99.0	355.90	-49.60	54823		
102.0	356.00	-49.60	54815		
105.0	356.00	-49.60	54817		
108.0	355.90	-49.60	54811		
111.0	356.00	-49.60	54788		
114.0	356.10	-49.50	54804		
117.0	356.10	-49.50	54798		
120.0	356.10	-49.60	54728		
123.0	356.30	-49.50	54772		
126.0	356.30	-49.40	54744		
129.0	356.10	-49.40	54763		
132.0	356.20	-49.40	54743		
135.0	356.40	-49.40	54815		
138.0	355.90	-49.30	54757		
141.0	356.40	-49.30	54765		
144.0	356.40	-49.30	54762		
147.0	356.50	-49.20	54760		
150.0	356.60	-49.30	54764		
153.0	356.60	-49.30	54767		
156.0	356.50	-49.30	54763		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
159.0	356.60	-49.20	54764		
162.0	356.70	-49.20	54768		
165.0	356.70	-49.20	54758		
168.0	356.60	-49.20	54775		
171.0	356.60	-49.20	54770		
174.0	356.60	-49.20	54792		
177.0	356.70	-49.20	54750		
180.0	356.80	-49.20	54854		
183.0	356.80	-49.20	54857		
186.0	356.80	-49.10	54752		
189.0	356.70	-49.10	54746		
192.0	356.80	-49.10	54749		
195.0	356.80	-49.10	54741		
198.0	356.70	-49.00	54740		
201.0	356.70	-49.00	54741		
204.0	356.80	-49.00	54734		
207.0	356.70	-49.00	54725		
210.0	356.80	-49.00	54718		
213.0	356.80	-49.00	54716		
216.0	356.70	-48.90	54716		
225.0	356.80	-48.90	54702		
228.0	356.80	-48.80	54708		
231.0	356.90	-48.80	54714		
234.0	356.90	-48.80	54720		
237.0	356.90	-48.80	54722		
240.0	356.90	-48.80	54727		
243.0	356.90	-48.80	54724		
246.0	356.90	-48.80	54724		
249.0	356.90	-48.80	54731		
252.0	356.90	-48.80	54743		
255.0	356.90	-48.80	54746		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
258.0	356.90	-48.80	54754		
261.0	356.90	-48.70	54745		
264.0	356.90	-48.70	54734		
267.0	356.90	-48.70	54669		
270.0	357.30	-48.70	54665		
273.0	357.80	-48.70	54890		
276.0	357.20	-48.80	54514		
279.0	357.00	-48.80	54756		
282.0	357.00	-48.70	54745		
285.0	357.00	-48.70	54745		
288.0	357.10	-48.70	54722		
291.0	357.10	-48.70	54741		
294.0	357.20	-48.70	54734		
297.0	357.30	-48.70	54728		
300.0	357.30	-48.60	54722		
303.0	357.30	-48.60	54695		
306.0	357.40	-48.60	54699		
309.0	357.40	-48.60	54708		
312.0	357.50	-48.60	54719		
315.0	357.60	-48.50	54734		
318.0	357.60	-48.60	54747		
321.0	357.60	-48.60	54747		
324.0	357.60	-48.50	54775		
327.0	357.60	-48.50	54775		
330.0	357.60	-48.50	54775		
333.0	357.60	-48.50	54775		
336.0	357.60	-48.50	54671		
339.0	357.70	-48.50	54700		
342.0	357.80	-48.40	54669		
345.0	357.40	-48.50	54569		
348.0	356.70	-48.40	54680		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
351.0	358.50	-48.40	54481		
354.0	358.80	-48.40	54874		
357.0	358.20	-48.40	54735		
360.0	358.40	-48.40	54818		
363.0	358.20	-48.40	54801		
366.0	359.10	-48.40	54726		
372.0	358.80	-48.40	54612		
375.0	358.30	-48.40	55037		
378.0	358.30	-48.30	54892		
381.0	358.70	-48.30	54910		
384.0	358.60	-48.30	54837		
387.0	358.30	-48.30	54647		
390.0	358.80	-48.30	54567		
393.0	358.20	-48.20	54693		
399.0	356.60	-48.30	54731		
417.0	358.40	-48.20	54974		
420.0	358.80	-48.20	54596		
423.0	358.00	-48.10	54926		
426.0	358.90	-48.10	54803		
429.0	357.80	-48.20	54984		
432.0	356.70	-48.10	54628		

From	To	Lithologic Group					
0.00	3.50	Overburden					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	3.50	3.50			Unaltered	0%	

From	To	Lithologic Group					
3.50	84.15	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
3.50	5.00	1.50	445001	0.027	Silicified	2%	medium grained, massive, equigranular, light pinkish grey
5.00	6.00	1.00	445002	0.017	Silicified	2%	
6.00	7.20	1.20	445003	0.021	Silicified	1%	
7.20	8.00	0.80	445004	0.005	Silicified	1%	
8.00	9.00	1.00	445005	0.020	Silicified	2%	
9.00	9.98	0.98	445006	0.013	Silicified	1%	
9.98	11.01	1.03	445007	0.034	Silicified	1%	
11.01	12.00	0.99	445008	0.111	Silicified	1%	
12.00	13.00	1.00	445009	0.051	Silicified	3%	
13.00	14.00	1.00	445011	0.021	Silicified	2%	
14.00	15.00	1.00	445013	0.012	Silicified	2%	
15.00	15.98	0.98	445014	0.021	Silicified	2%	
15.98	17.00	1.02	445015	0.027	Silicified	1%	
17.00	18.00	1.00	445016	0.027	Silicified	1%	
18.00	19.00	1.00	445017	0.018	Silicified	1%	
19.00	20.07	1.07	445018	0.019	Silicified	2%	
20.07	21.00	0.93	445019	0.030	Silicified	1%	
21.00	22.00	1.00	445020	0.026	Silicified	1%	
22.00	23.05	1.05	445021	0.127	Silicified	5%	
23.05	24.00	0.95	445022	0.045	Silicified	1%	
24.00	25.00	1.00	445023	0.020	Silicified	1%	
25.00	26.00	1.00	445025	0.245	Silicified	2%	
26.00	27.00	1.00	445026	0.062	Silicified	2%	2 small subangular mafic xenoliths
27.00	28.18	1.18	445027	0.419	Sericitic alteration	5%	small HdBx matrix cutting through
28.18	29.06	0.88	445028	0.051	Silicified	1%	
29.06	30.00	0.94	445029	0.195	Silicified	2%	
30.00	31.00	1.00	445031	0.076	Silicified	2%	
31.00	31.99	0.99	445032	0.110	Silicified	1%	
31.99	33.00	1.01	445033	0.168	Silicified	2%	

33.00	34.00	1.00	445034	0.057	Silicified	1%	
34.00	34.97	0.97	445035	0.020	Silicified	4%	
34.97	36.00	1.03	445037	0.029	Silicified	3%	
36.00	36.97	0.97	445038	0.032	Silicified	2%	
36.97	37.97	1.00	445039	0.113	Silicified	2%	
37.97	39.00	1.03	445040	0.016	Silicified	1%	
39.00	40.00	1.00	445041	0.015	Silicified	3%	
40.00	41.00	1.00	445042	0.011	Silicified	1%	
41.00	42.38	1.38	445043	0.005	Silicified	1%	
42.38	43.00	0.62	445044	0.027	Silicified	1%	
43.00	44.00	1.00	445045	0.032	Silicified	1%	
44.00	45.00	1.00	445046	0.028	Silicified	2%	
45.00	46.02	1.02	445047	0.005	Silicified	1%	
46.02	46.99	0.97	445049	0.012	Silicified	1%	
46.99	48.00	1.01	445051	0.005	Silicified	1%	
48.00	49.00	1.00	445052	0.005	Silicified	2%	
49.00	50.03	1.03	445053	0.051	Silicified	1%	
50.03	51.00	0.97	445054	0.157	Silicified	1%	
51.00	51.99	0.99	445055	0.135	Silicified	1%	
51.99	52.96	0.97	445056	0.112	Silicified	1%	
52.96	54.00	1.04	445057	0.145	Silicified	1%	
54.00	55.00	1.00	445058	0.027	Silicified	1%	
55.00	56.04	1.04	445059	0.156	Silicified	1%	
56.04	57.00	0.96	445061	0.370	Sericitic alteration	2%	
57.00	58.06	1.06	445062	0.160	Sericitic alteration	1%	
58.06	59.00	0.94	445063	0.249	Sericitic alteration	1%	
59.00	60.00	1.00	445064	0.223	Sericitic alteration	1%	
60.00	61.02	1.02	445065	0.242	Sericitic alteration	7%	
61.02	62.00	0.98	445066	0.890	Sericitic alteration	1%	
62.00	63.00	1.00	445067	0.220	Sericitic alteration	1%	
63.00	64.00	1.00	445068	0.092	Sericitic alteration	1%	
64.00	65.00	1.00	445069	0.021	Sericitic alteration	2%	
65.00	66.00	1.00	445071	0.022	Sericitic alteration	3%	
66.00	67.00	1.00	445073	0.013	Sericitic alteration	3%	
67.00	68.03	1.03	445074	0.016	Sericitic alteration	1%	
68.03	69.00	0.97	445075	0.069	Sericitic alteration	8%	
69.00	70.00	1.00	445076	0.016	Silicified	1%	
70.00	71.00	1.00	445077	0.156	Silicified	1%	
71.00	72.00	1.00	445078	0.005	Silicified	0%	
72.00	73.00	1.00	445079	0.029	Silicified	1%	
73.00	74.00	1.00	445080	0.008	Silicified	3%	specular hem in vein
74.00	75.12	1.12	445081	0.018	Sericitic alteration	1%	

75.12	76.00	0.88	445082	0.012	Silicified	1%
76.00	76.97	0.97	445083	0.063	Silicified	1%
76.97	78.00	1.03	445085	0.049	Silicified	2%
78.00	78.98	0.98	445086	0.067	Silicified	4%
78.98	80.00	1.02	445087	0.138	Silicified	4%
80.00	81.00	1.00	445088	0.082	Sericitic alteration	4%
81.00	82.00	1.00	445089	0.089	Sericitic alteration	15%
82.00	83.00	1.00	445091	0.120	Sericitic alteration	7%
83.00	84.15	1.15	445092	0.013	Sericitic alteration	3%

From	To	Lithologic Group				
84.15	85.00	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
84.15	85.00	0.85	445093	0.005	Chloritic alteration	1%	

From	To	Lithologic Group				
85.00	122.10	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
85.00	86.03	1.03	445094	0.018	Sericitic alteration	2%	
86.03	87.00	0.97	445095	0.244	Sericitic alteration	7%	
87.00	88.00	1.00	445097	0.039	Silicified	1%	
88.00	88.94	0.94	445098	0.027	Sericitic alteration	2%	
88.94	90.00	1.06	445099	0.150	Sericitic alteration	7%	
90.00	91.01	1.01	445100	0.016	Sericitic alteration	5%	
91.01	92.00	0.99	445101	0.006	Sericitic alteration	2%	
92.00	93.00	1.00	445102	0.013	Sericitic alteration	1%	
93.00	94.00	1.00	445103	0.011	Sericitic alteration	2%	
94.00	95.00	1.00	445104	0.029	Sericitic alteration	2%	
95.00	96.00	1.00	445105	0.006	Sericitic alteration	1%	
96.00	97.00	1.00	445106	0.021	Sericitic alteration	2%	
97.00	97.98	0.98	445107	0.011	Sericitic alteration	6%	
97.98	99.00	1.02	445108	0.007	Sericitic alteration	2%	
99.00	100.02	1.02	445109	0.030	Sericitic alteration	1%	
100.02	101.00	0.98	445111	0.018	Sericitic alteration	2%	
101.00	101.64	0.64	445113	0.083	Silicified	1%	
101.64	103.00	1.36	445114	0.036	Silicified	4%	
103.00	104.00	1.00	445115	0.028	Sericitic alteration	1%	Caitlin logging from here
104.00	105.00	1.00	445116	0.013	Sericitic alteration	1%	
105.00	106.00	1.00	445117	0.011	Sericitic alteration	1%	
106.00	107.00	1.00	445118	0.009	Sericitic alteration	1%	
107.00	108.00	1.00	445119	0.005	Sericitic alteration	1%	
108.00	109.00	1.00	445120	0.008	Sericitic alteration	1%	
109.00	109.85	0.85	445121	0.016	Silicified	1%	
109.85	111.00	1.15	445122	0.010	Silica–Sodic alteration	0%	

111.00	112.00	1.00	445123	0.011	Sericitic alteration	2%
112.00	113.00	1.00	445125	0.005	Sericitic alteration	1%
113.00	114.00	1.00	445126	0.008	Sericitic alteration	1%
114.00	115.00	1.00	445127	0.005	Sericitic alteration	1%
115.00	116.00	1.00	445128	0.005	Sericitic alteration	1%
116.00	117.00	1.00	445129	0.005	Sericitic alteration	1%
117.00	118.00	1.00	445131	0.028	Sericitic alteration	3%
118.00	119.00	1.00	445132	0.043	Sericitic alteration	2%
119.00	120.00	1.00	445133	0.005	Sericitic alteration	1%
120.00	121.00	1.00	445134	0.011	Sericitic alteration	2%
121.00	122.10	1.10	445135	0.006	Sericitic alteration	2%

From	To	Lithologic Group				
122.10	127.00	Quartz diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
122.10	123.00	0.90	445137	0.005	Biotitic alteration	1%	
123.00	124.00	1.00	445138	0.005	Biotitic alteration	2%	
124.00	125.00	1.00	445139	0.005	Biotitic alteration	1%	
125.00	126.00	1.00	445140	0.005	Biotitic alteration	3%	
126.00	127.00	1.00	445141	0.005	Biotitic alteration	1%	

From	To	Lithologic Group				
127.00	129.10	Diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
127.00	128.00	1.00	445142	0.005	Chloritic alteration	5%	
128.00	129.10	1.10	445143	0.005	Chloritic alteration	2%	

From	To	Lithologic Group				
129.10	132.90	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
129.10	130.00	0.90	445144	0.005	Silicified	1%	
130.00	131.00	1.00	445145	0.011	Silicified	1%	
131.00	132.00	1.00	445146	0.066	Silicified	1%	
132.00	132.90	0.90	445147	0.050	Silicified	1%	

From	To	Lithologic Group				
132.90	133.90	Quartz diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
132.90	133.90	1.00	445149	0.016	Chloritic alteration	1%	

From	To	Lithologic Group				
133.90	135.60	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
133.90	135.00	1.10	445151	0.118	Silicified	2%	
135.00	135.60	0.60	445152	0.052	Silicified	1%	

From	To	Lithologic Group					
135.60	136.50	Quartz Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
135.60	136.50	0.90	445153	0.050	Chloritic alteration	1%	Subrounded tonalite fragments in QDR matrix; 20% Ton fragments
From	To	Lithologic Group					
136.50	218.95	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
136.50	138.00	1.50	445154	0.018	Silicified	7%	
138.00	139.00	1.00	445155	0.048	Sericitic alteration	2%	
139.00	140.00	1.00	445156	0.068	Sericitic alteration	2%	
140.00	141.00	1.00	445157	0.037	Sericitic alteration	1%	
141.00	142.00	1.00	445158	0.049	Sericitic alteration	5%	
142.00	143.00	1.00	445159	0.043	Sericitic alteration	1%	
143.00	144.00	1.00	445161	0.024	Sericitic alteration	1%	
144.00	145.00	1.00	445162	0.019	Sericitic alteration	1%	
145.00	146.00	1.00	445163	0.094	Sericitic alteration	2%	
146.00	147.20	1.20	445164	0.057	Silicified	3%	
147.20	148.00	0.80	445165	0.559	Sericitic alteration	2%	
148.00	149.00	1.00	445166	0.065	Sericitic alteration	1%	
149.00	150.00	1.00	445167	0.094	Sericitic alteration	1%	
150.00	151.00	1.00	445168	0.080	Sericitic alteration	2%	
151.00	152.00	1.00	445169	0.049	Sericitic alteration	1%	
152.00	153.00	1.00	445171	0.048	Sericitic alteration	2%	
153.00	154.00	1.00	445173	0.114	Sericitic alteration	1%	
154.00	155.00	1.00	445174	0.018	Sericitic alteration	1%	
155.00	156.00	1.00	445175	0.065	Sericitic alteration	1%	
156.00	157.40	1.40	445176	0.146	Silicified	2%	
157.40	158.00	0.60	445177	0.033	Sericitic alteration	2%	
158.00	159.00	1.00	445178	0.105	Silicified	3%	
159.00	160.00	1.00	445179	0.110	Sericitic alteration	2%	
160.00	161.00	1.00	445180	0.031	Sericitic alteration	1%	
161.00	162.00	1.00	445181	0.076	Sericitic alteration	1%	
162.00	163.00	1.00	445182	0.036	Silicified	1%	
163.00	164.00	1.00	445183	0.029	Silicified	2%	
164.00	165.00	1.00	445185	0.015	Silicified	1%	
165.00	166.00	1.00	445186	0.005	Silicified	1%	
166.00	167.05	1.05	445187	0.068	Silicified	2%	
167.05	168.00	0.95	445188	0.039	Silicified	1%	
168.00	169.00	1.00	445189	0.011	Silicified	1%	
169.00	170.00	1.00	445191	0.024	Silicified	2%	
170.00	171.00	1.00	445192	0.005	Silicified	1%	

171.00	172.00	1.00	445193	0.013	Silicified	1%
172.00	173.00	1.00	445194	0.005	Silicified	1%
173.00	174.00	1.00	445195	0.022	Silicified	2%
174.00	175.00	1.00	445197	0.039	Silicified	1%
175.00	176.00	1.00	445198	0.185	Silicified	1%
176.00	177.00	1.00	445199	0.066	Sericitic alteration	1%
177.00	178.00	1.00	445200	0.021	Sericitic alteration	2%
178.00	179.00	1.00	445201	0.026	Sericitic alteration	7%
179.00	180.30	1.30	445202	0.012	Sericitic alteration	1%
180.30	181.00	0.70	445203	0.005	Silicified	1%
181.00	182.00	1.00	445204	0.005	Silicified	2%
182.00	183.00	1.00	445205	0.023	Silicified	1%
183.00	184.00	1.00	445206	0.005	Silicified	3%
184.00	185.00	1.00	445207	0.005	Silicified	2%
185.00	186.00	1.00	445208	0.005	Silicified	1%
186.00	187.00	1.00	445209	0.005	Silicified	12%
187.00	188.00	1.00	445211	0.043	Silicified	7%
188.00	189.00	1.00	445213	0.005	Silicified	1%
189.00	190.00	1.00	445214	0.010	Silicified	1%
190.00	191.00	1.00	445215	0.006	Silicified	1%
191.00	192.00	1.00	445216	0.104	Silicified	1%
192.00	193.00	1.00	445217	0.040	Silicified	1%
193.00	194.00	1.00	445218	0.077	Silicified	2%
194.00	195.00	1.00	445219	0.092	Silicified	3%
195.00	196.00	1.00	445220	0.009	Silicified	1%
196.00	197.00	1.00	445221	0.029	Silicified	1%
197.00	198.00	1.00	445222	0.032	Silicified	1%
198.00	199.00	1.00	445223	0.071	Silicified	3%
199.00	200.00	1.00	445225	0.077	Silicified	1%
200.00	201.00	1.00	445226	0.053	Silicified	1%
201.00	202.00	1.00	445227	0.049	Silicified	1%
202.00	203.00	1.00	445228	0.071	Silicified	1%
203.00	204.00	1.00	445229	0.007	Silicified	6%
204.00	205.35	1.35	445231	0.070	Silicified	8%
205.35	206.00	0.65	445232	0.005	Sericitic alteration	1%
206.00	207.00	1.00	445233	0.101	Silicified	1%
207.00	208.45	1.45	445234	0.132	Silicified	1%
208.45	209.25	0.80	445235	0.082	Silicified	2%
209.25	210.00	0.75	445237	0.206	Silicified	2%
210.00	211.00	1.00	445238	0.057	Sericitic alteration	1%
211.00	212.00	1.00	445239	0.078	Sericitic alteration	3%
212.00	213.00	1.00	445240	0.068	Sericitic alteration	3%

213.00	214.00	1.00	445241	0.095	Sericitic alteration	2%
214.00	215.00	1.00	445242	0.219	Silicified	5%
215.00	216.00	1.00	445243	0.187	Silicified	2%
216.00	217.00	1.00	445244	0.060	Sericitic alteration	1%
217.00	218.00	1.00	445245	0.297	Sericitic alteration	1%
218.00	218.95	0.95	445246	0.238	Sericitic alteration	1%

From	To	Lithologic Group				
218.95	221.40	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
218.95	219.90	0.95	445247	0.121	Biotitic alteration	1%	
219.90	221.40	1.50	445249	0.277	Chloritic alteration	35%	

From	To	Lithologic Group				
221.40	236.15	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
221.40	222.00	0.60	445251	0.353	Sericitic alteration	1%	
222.00	223.00	1.00	445252	0.889	Sericitic alteration	1%	
223.00	224.00	1.00	445253	0.397	Sericitic alteration	10%	
224.00	225.00	1.00	445254	0.337	Sericitic alteration	2%	
225.00	226.00	1.00	445255	0.205	Sericitic alteration	2%	
226.00	227.00	1.00	445256	0.153	Sericitic alteration	1%	
227.00	228.00	1.00	445257	0.218	Sericitic alteration	2%	
228.00	228.90	0.90	445258	0.208	Sericitic alteration	1%	
228.90	229.75	0.85	445259	0.294	Silicified	5%	
229.75	231.00	1.25	445261	0.196	Sericitic alteration	3%	
231.00	232.30	1.30	445262	0.368	Sericitic alteration	3%	
232.30	233.00	0.70	445263	0.074	Sericitic alteration	2%	
233.00	234.00	1.00	445264	0.136	Sericitic alteration	1%	
234.00	235.00	1.00	445265	0.054	Sericitic alteration	1%	
235.00	236.15	1.15	445266	0.201	Sericitic alteration	8%	

From	To	Lithologic Group				
236.15	237.50	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
236.15	237.50	1.35	445267	0.124	Biotitic alteration	10%	

From	To	Lithologic Group				
237.50	324.50	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
237.50	239.00	1.50	445268	0.021	Sericitic alteration	1%	
239.00	240.00	1.00	445269	0.013	Sericitic alteration	2%	
240.00	241.00	1.00	445271	0.021	Sericitic alteration	1%	
241.00	242.00	1.00	445273	0.031	Sericitic alteration	1%	
242.00	243.00	1.00	445274	0.006	Sericitic alteration	1%	
243.00	244.00	1.00	445275	0.012	Sericitic alteration	2%	

244.00	245.00	1.00	445276	0.034	Sericitic alteration	3%
245.00	246.00	1.00	445277	0.047	Sericitic alteration	2%
246.00	247.00	1.00	445278	0.054	Sericitic alteration	2%
247.00	248.00	1.00	445279	0.087	Sericitic alteration	1%
248.00	249.00	1.00	445280	0.039	Sericitic alteration	1%
249.00	250.00	1.00	445281	0.008	Sericitic alteration	2%
250.00	250.60	0.60	445282	0.019	Sericitic alteration	2%
250.60	252.00	1.40	445283	0.005	Silicified	2%
252.00	252.95	0.95	445285	0.010	Silicified	2%
252.95	254.00	1.05	445286	0.019	Sericitic alteration	5%
254.00	255.00	1.00	445287	0.019	Sericitic alteration	1%
255.00	256.00	1.00	445288	0.018	Sericitic alteration	1%
256.00	257.00	1.00	445289	0.017	Sericitic alteration	2%
257.00	258.00	1.00	445291	0.069	Silicified	5%
258.00	259.00	1.00	445292	0.322	Silicified	3%
259.00	260.00	1.00	445293	0.051	Silicified	1%
260.00	261.00	1.00	445294	0.080	Sericitic alteration	1%
261.00	262.10	1.10	445295	0.010	Sericitic alteration	5%
262.10	263.00	0.90	445297	0.069	Sericitic alteration	5%
263.00	264.00	1.00	445298	0.192	Silicified	2%
264.00	265.50	1.50	445299	0.119	Sericitic alteration	3%
265.50	267.00	1.50	445300	0.026	Sericitic alteration	2%
267.00	268.00	1.00	445301	0.013	Sericitic alteration	1%
268.00	269.00	1.00	445302	0.012	Sericitic alteration	1%
269.00	270.00	1.00	445303	0.034	Sericitic alteration	1%
270.00	271.00	1.00	445304	0.044	Sericitic alteration	1%
271.00	272.00	1.00	445305	0.157	Sericitic alteration	1%
272.00	273.00	1.00	445306	0.035	Sericitic alteration	1%
273.00	274.00	1.00	445307	0.211	Sericitic alteration	2%
274.00	275.00	1.00	445308	0.015	Sericitic alteration	1%
275.00	276.00	1.00	445309	0.061	Sericitic alteration	1%
276.00	277.00	1.00	445311	0.017	Sericitic alteration	1%
277.00	278.00	1.00	445313	0.009	Sericitic alteration	1%
278.00	279.00	1.00	445314	0.020	Sericitic alteration	1%
279.00	280.00	1.00	445315	0.138	Sericitic alteration	2%
280.00	281.00	1.00	445316	0.068	Sericitic alteration	1%
281.00	282.00	1.00	445317	0.099	Sericitic alteration	2%
282.00	283.00	1.00	445318	0.043	Sericitic alteration	1%
283.00	283.80	0.80	445319	0.022	Sericitic alteration	2%
283.80	285.00	1.20	445320	0.101	Sericitic alteration	1%
285.00	286.00	1.00	445321	0.051	Sericitic alteration	2%
286.00	287.00	1.00	445322	0.053	Silicified	1%

287.00	288.00	1.00	445323	0.010	Sericitic alteration	1%
288.00	289.15	1.15	445325	0.008	Sericitic alteration	1%
289.15	290.00	0.85	445326	0.183	Sericitic alteration	2%
290.00	291.00	1.00	445327	0.063	Sericitic alteration	2%
291.00	292.00	1.00	445328	0.032	Sericitic alteration	5%
292.00	293.00	1.00	445329	0.059	Sericitic alteration	1%
293.00	294.00	1.00	445331	0.205	Sericitic alteration	1%
294.00	295.00	1.00	445332	0.182	Sericitic alteration	2%
295.00	296.50	1.50	445333	0.032	Sericitic alteration	10%
296.50	297.45	0.95	445334	0.040	Sericitic alteration	2%
297.45	298.50	1.05	445335	0.016	Sericitic alteration	1%
298.50	299.60	1.10	445337	0.105	Sericitic alteration	1%
299.60	301.00	1.40	445338	0.010	Silicified	1%
301.00	302.00	1.00	445339	0.231	Sericitic alteration	4%
302.00	303.00	1.00	445340	0.521	Sericitic alteration	1%
303.00	304.00	1.00	445341	0.187	Sericitic alteration	2%
304.00	305.00	1.00	445342	0.137	Sericitic alteration	1%
305.00	306.00	1.00	445343	0.511	Sericitic alteration	1%
306.00	307.00	1.00	445344	0.071	Sericitic alteration	2%
307.00	308.12	1.12	445345	0.091	Sericitic alteration	3%
308.12	309.00	0.88	445346	0.146	Sericitic alteration	3%
309.00	310.00	1.00	445347	0.194	Sericitic alteration	1%
310.00	311.00	1.00	445349	0.141	Sericitic alteration	2%
311.00	311.80	0.80	445351	0.394	Sericitic alteration	1%
311.80	313.00	1.20	445352	0.185	Sericitic alteration	1%
313.00	314.00	1.00	445353	0.112	Silicified	2%
314.00	315.00	1.00	445354	0.352	Sericitic alteration	2%
315.00	316.00	1.00	445355	0.231	Silicified	2%
316.00	317.00	1.00	445356	0.205	Sericitic alteration	1%
317.00	318.00	1.00	445357	0.172	Sericitic alteration	1%
318.00	319.00	1.00	445358	0.050	Sericitic alteration	1%
319.00	320.00	1.00	445359	0.010	Sericitic alteration	3%
320.00	321.00	1.00	445361	0.013	Sericitic alteration	1%
321.00	322.00	1.00	445362	0.021	Sericitic alteration	1%
322.00	323.00	1.00	445363	0.005	Sericitic alteration	3%
323.00	324.50	1.50	445364	0.015	Sericitic alteration	1%

From	To	Lithologic Group	
324.50	325.85	Lamprophyre Dyke	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
324.50	325.85	1.35	445365	0.005	Chloritic alteration	2%	

From 325.85	To 361.95	Lithologic Group					
		Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
325.85	327.00	1.15	445366	0.041	Sericitic alteration	5%	40cm LamDk
327.00	328.00	1.00	445367	0.015	Sericitic alteration	3%	
328.00	329.00	1.00	445368	0.005	Sericitic alteration	1%	20 cm LamDk
329.00	330.00	1.00	445369	0.005	Silicified	5%	
330.00	331.00	1.00	445371	0.005	Sericitic alteration	4%	
331.00	332.00	1.00	445373	0.005	Sericitic alteration	1%	
332.00	333.00	1.00	445374	0.020	Sericitic alteration	1%	
333.00	334.00	1.00	445375	0.018	Sericitic alteration	5%	
334.00	335.00	1.00	445376	0.020	Sericitic alteration	1%	
335.00	336.00	1.00	445377	0.005	Sericitic alteration	2%	
336.00	337.00	1.00	445378	0.005	Sericitic alteration	1%	
337.00	338.00	1.00	445379	0.005	Sericitic alteration	1%	
338.00	339.00	1.00	445380	0.061	Sericitic alteration	2%	
339.00	340.00	1.00	445381	0.180	Sericitic alteration	1%	
340.00	341.00	1.00	445382	0.054	Silicified	1%	
341.00	342.00	1.00	445383	0.244	Silicified	2%	
342.00	343.00	1.00	445385	0.417	Sericitic alteration	1%	
343.00	344.00	1.00	445386	0.063	Sericitic alteration	1%	
344.00	345.00	1.00	445387	0.005	Sericitic alteration	1%	
345.00	345.95	0.95	445388	0.005	Sericitic alteration	1%	
345.95	347.00	1.05	445389	0.013	Sericitic alteration	5%	
347.00	348.00	1.00	445391	0.005	Sericitic alteration	1%	
348.00	349.00	1.00	445392	0.022	Sericitic alteration	1%	
349.00	350.00	1.00	445393	0.015	Sericitic alteration	2%	
350.00	351.00	1.00	445394	0.005	Sericitic alteration	1%	
351.00	352.00	1.00	445395	0.080	Sericitic alteration	1%	
352.00	353.00	1.00	445397	0.029	Sericitic alteration	2%	
353.00	354.00	1.00	445398	0.005	Sericitic alteration	1%	
354.00	355.00	1.00	445399	0.005	Sericitic alteration	2%	
355.00	356.00	1.00	445400	0.005	Sericitic alteration	2%	
356.00	357.00	1.00	445401	0.005	Sericitic alteration	5%	
357.00	358.00	1.00	445402	0.005	Sericitic alteration	1%	
358.00	359.00	1.00	445403	0.008	Sericitic alteration	1%	
359.00	360.00	1.00	445404	0.009	Sericitic alteration	1%	
360.00	361.00	1.00	445405	0.126	Sericitic alteration	1%	
361.00	361.95	0.95	445406	0.017	Sericitic alteration	3%	

From 361.95	To 363.25	Lithologic Group					
		Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

361.95	363.25	1.30	445407	0.037	Biotitic alteration	10%
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From	To	Lithologic Group				
363.25	436.50	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
363.25	364.00	0.75	445408	0.032	Sericitic alteration	1%	
364.00	365.00	1.00	445409	0.015	Sericitic alteration	1%	
365.00	366.00	1.00	445411	0.018	Sericitic alteration	1%	
366.00	367.00	1.00	445413	0.179	Sericitic alteration	1%	
367.00	368.00	1.00	445414	0.146	Sericitic alteration	1%	
368.00	369.00	1.00	445415	0.068	Sericitic alteration	3%	
369.00	370.00	1.00	445416	0.018	Sericitic alteration	1%	
370.00	371.00	1.00	445417	0.026	Sericitic alteration	2%	
371.00	372.00	1.00	445418	0.008	Sericitic alteration	1%	
372.00	372.80	0.80	445419	0.029	Sericitic alteration	1%	
372.80	374.00	1.20	445420	0.504	Sericitic alteration	5%	
374.00	375.00	1.00	445421	0.008	Sericitic alteration	5%	
375.00	376.00	1.00	445422	0.017	Sericitic alteration	2%	
376.00	377.00	1.00	445423	0.009	Sericitic alteration	1%	
377.00	378.00	1.00	445425	0.634	Sericitic alteration	5%	
378.00	379.00	1.00	445426	0.054	Sericitic alteration	5%	
379.00	380.00	1.00	445427	0.005	Sericitic alteration	6%	
380.00	381.00	1.00	445428	0.005	Sericitic alteration	1%	
381.00	382.00	1.00	445429	0.005	Sericitic alteration	2%	
382.00	383.00	1.00	445431	0.005	Sericitic alteration	2%	
383.00	384.00	1.00	445432	0.005	Sericitic alteration	2%	
384.00	385.00	1.00	445433	0.009	Sericitic alteration	1%	
385.00	386.05	1.05	445434	0.005	Sericitic alteration	1%	
386.05	387.00	0.95	445435	0.005	Sericitic alteration	1%	
387.00	388.00	1.00	445437	0.008	Sericitic alteration	1%	
388.00	389.05	1.05	445438	0.065	Sericitic alteration	1%	
389.05	390.00	0.95	445439	0.551	Sericitic alteration	1%	
390.00	391.00	1.00	445440	0.155	Sericitic alteration	2%	
391.00	392.00	1.00	445441	0.005	Sericitic alteration	5%	
392.00	393.00	1.00	445442	0.005	Sericitic alteration	0%	
393.00	394.00	1.00	445443	0.005	Sericitic alteration	0%	
394.00	395.00	1.00	445444	0.011	Sericitic alteration	2%	
395.00	396.00	1.00	445445	0.005	Sericitic alteration	0%	
396.00	397.00	1.00	445446	0.005	Sericitic alteration	1%	
397.00	398.00	1.00	445447	0.005	Sericitic alteration	1%	
398.00	399.00	1.00	445449	0.045	Sericitic alteration	5%	
399.00	400.00	1.00	445451	0.101	Sericitic alteration	15%	
400.00	401.00	1.00	445452	0.013	Sericitic alteration	3%	

401.00	402.00	1.00	445453	0.008	Sericitic alteration	1%	
402.00	403.00	1.00	445454	0.022	Sericitic alteration	1%	
403.00	403.85	0.85	445455	0.058	Sericitic alteration	1%	
403.85	405.00	1.15	445456	4.730	Sericitic alteration	2%	
405.00	406.00	1.00	445457	0.013	Sericitic alteration	1%	
406.00	407.15	1.15	445458	0.012	Sericitic alteration	5%	
407.15	408.00	0.85	445459	0.009	Sericitic alteration	1%	
408.00	409.00	1.00	445461	0.005	Sericitic alteration	2%	
409.00	410.00	1.00	445462	0.014	Sericitic alteration	2%	
410.00	411.00	1.00	445463	0.005	Sericitic alteration	1%	
411.00	412.00	1.00	445464	0.007	Sericitic alteration	1%	
412.00	412.90	0.90	445465	0.084	Sericitic alteration	1%	
412.90	414.00	1.10	445466	0.007	Sericitic alteration	5%	
414.00	415.05	1.05	445467	0.008	Sericitic alteration	1%	
415.05	416.00	0.95	445468	0.005	Sericitic alteration	1%	
416.00	417.00	1.00	445469	0.005	Sericitic alteration	2%	
417.00	418.00	1.00	445471	0.012	Sericitic alteration	1%	
418.00	419.00	1.00	445473	0.022	Sericitic alteration	1%	
419.00	420.00	1.00	445474	0.015	Sericitic alteration	1%	
420.00	421.00	1.00	445475	0.010	Sericitic alteration	2%	
421.00	422.00	1.00	445476	0.005	Sericitic alteration	1%	
422.00	423.00	1.00	445477	0.039	Sericitic alteration	1%	
423.00	424.05	1.05	445478	0.005	Sericitic alteration	1%	
424.05	425.00	0.95	445479	0.010	Sericitic alteration	1%	
425.00	426.00	1.00	445480	0.017	Sericitic alteration	2%	
426.00	427.00	1.00	445481	0.028	Sericitic alteration	1%	
427.00	428.00	1.00	445482	0.024	Sericitic alteration	3%	
428.00	429.00	1.00	445483	0.009	Sericitic alteration	1%	
429.00	430.00	1.00	445485	0.016	Sericitic alteration	2%	
430.00	431.00	1.00	445486	0.030	Sericitic alteration	2%	
431.00	432.00	1.00	445487	0.008	Sericitic alteration	1%	
432.00	433.00	1.00	445488	0.011	Sericitic alteration	2%	
433.00	434.00	1.00	445489	0.005	Sericitic alteration	1%	
434.00	435.00	1.00	445491	0.005	Sericitic alteration	2%	
435.00	435.75	0.75	445492	0.005	Sericitic alteration	1%	
435.75	436.50	0.75	445493	0.005	Sericitic alteration	2%	EOH

DRILL HOLE REPORT

Drill Hole **GOS21-88** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 164.3
 Dip -48.9
 Length 432.0 m
 Started 21-Jun-21
 Completed 08-Jul-21
 Logged 09-Jul-21
 Logged by Caitlin Beland

Company
 Contractor Chenier Drilling
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing NONE
 Condition Capped

Survey Details:

Claim Number PAT-11127
 Property 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Single-shot (unspecified)
 Coord Survey Tool GPS

Coordinates:

Target Easting 431200.83
 Comments UTM Datum NAD83 Northing 5268006.62
 UTM Zone 17 Elevation 385.70

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
0.0	165.21	-49.19	55251			30.0	165.80	-49.12	54762		
3.0	165.52	-49.06	54796			33.0	165.31	-49.13	54751		
6.0	166.91	-49.28	54781			36.0	165.14	-49.02	54749		
9.0	167.25	-49.05	54764			39.0	165.81	-49.03	54888		
12.0	165.79	-49.18	54773			42.0	165.92	-49.10	54700		
15.0	165.76	-49.16	54769			45.0	165.50	-48.96	54766		
18.0	165.44	-49.43	54769			48.0	165.99	-49.13	54836		
21.0	165.81	-49.16	54770			51.0	166.10	-48.92	54782		
24.0	165.76	-49.15	54767			54.0	166.35	-49.08	54740		
27.0	165.79	-49.14	54774			57.0	166.50	-48.91	54600		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
60.0	165.34	-48.81	54762		
63.0	166.17	-48.76	54721		
72.0	166.11	-48.87	54750		
75.0	166.12	-49.00	54738		
78.0	166.51	-48.89	54758		
81.0	166.73	-49.00	54776		
84.0	166.47	-48.80	54784		
96.0	166.23	-48.73	54657		
99.0	166.82	-48.87	54763		
102.0	166.48	-48.67	54697		
105.0	166.63	-48.69	54697		
108.0	166.48	-48.53	54725		
111.0	166.75	-48.70	54723		
114.0	166.58	-48.70	54732		
117.0	166.80	-48.68	54721		
120.0	167.07	-48.68	54734		
123.0	166.87	-48.65	54706		
126.0	166.83	-48.58	54773		
129.0	166.90	-48.55	54757		
132.0	166.79	-48.56	54777		
135.0	167.00	-48.52	54783		
138.0	167.07	-48.53	54797		
141.0	166.88	-48.47	54820		
144.0	167.10	-48.47	54786		
147.0	166.85	-48.45	54786		
150.0	167.65	-48.63	54742		
153.0	167.22	-48.44	54746		
156.0	167.30	-48.38	54750		
159.0	167.24	-48.39	54754		
162.0	167.57	-48.37	54749		
165.0	167.52	-48.34	54770		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
168.0	167.27	-48.34	54751		
171.0	167.53	-48.29	54748		
174.0	167.79	-48.29	54761		
177.0	167.69	-48.30	54789		
180.0	167.26	-48.28	54724		
183.0	167.73	-48.10	54755		
186.0	166.58	-48.23	54736		
189.0	167.42	-48.23	54745		
192.0	167.54	-48.24	54743		
195.0	167.70	-48.28	54751		
198.0	167.61	-48.23	54796		
201.0	167.57	-48.21	54784		
204.0	167.25	-48.23	54874		
207.0	167.83	-48.14	54752		
210.0	168.03	-48.16	54784		
213.0	167.85	-48.18	54785		
216.0	168.30	-48.18	54811		
219.0	168.54	-48.11	54831		
222.0	168.18	-48.08	54785		
225.0	168.30	-48.07	54685		
228.0	167.78	-48.03	54561		
237.0	168.56	-48.00	54717		
240.0	168.66	-47.97	54750		
243.0	169.45	-47.89	55061		
246.0	168.14	-47.90	54934		
249.0	169.52	-47.93	54848		
252.0	168.27	-47.96	55013		
255.0	168.73	-47.90	54870		
258.0	169.45	-47.91	54957		
261.0	169.81	-47.92	54821		
264.0	169.45	-47.90	54884		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
267.0	169.55	-47.89	54990		
270.0	169.55	-47.90	54999		
273.0	169.68	-47.86	54948		
276.0	169.40	-47.81	54851		
279.0	169.44	-47.79	54853		
282.0	169.97	-47.71	54740		
285.0	168.83	-47.59	54597		
288.0	168.65	-47.53	54699		
291.0	169.41	-47.41	54825		
294.0	169.89	-47.30	54754		
297.0	169.70	-47.17	54489		
300.0	170.30	-47.12	54869		
303.0	169.72	-46.96	54632		
306.0	169.87	-46.87	54733		
309.0	169.42	-46.86	54828		
312.0	168.95	-46.71	54549		
315.0	169.73	-46.59	54636		
318.0	169.63	-46.50	54666		
321.0	169.83	-46.43	54675		
324.0	169.94	-46.36	54712		
327.0	170.20	-46.31	54677		
330.0	169.86	-46.31	54747		
333.0	169.84	-46.30	54703		
339.0	170.65	-46.16	54932		
342.0	170.70	-46.12	54814		
345.0	170.35	-46.07	54794		
348.0	170.14	-46.00	54831		
351.0	169.85	-45.94	55661		
363.0	170.31	-45.64	54753		
366.0	170.18	-45.55	54880		
369.0	170.06	-45.51	54857		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
372.0	170.10	-45.53	54851		
375.0	170.15	-45.49	54847		
378.0	170.18	-45.48	55388		
381.0	170.64	-45.45	54972		
384.0	170.11	-45.46	54971		
387.0	170.20	-45.45	54755		
390.0	170.27	-45.41	54689		
393.0	170.10	-45.33	54727		
396.0	170.43	-45.33	54621		
399.0	170.64	-45.28	54723		
402.0	170.02	-45.25	54584		
405.0	169.26	-45.22	54525		
408.0	170.34	-45.15	54778		
411.0	170.34	-45.16	54797		
414.0	170.76	-45.15	54814		
417.0	168.90	-45.11	54715		
420.0	170.47	-45.07	54786		
423.0	170.47	-45.03	54786		
426.0	170.47	-45.07	54786		
429.0	170.60	-45.05	54786		
432.0	170.39	-45.07	54786		

From 0.00	To 0.95	Lithologic Group Overburden					
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From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	0.95	0.95			Unaltered		

From 0.95	To 215.21	Lithologic Group Tonalite					
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From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.95	2.00	1.05	434958	0.033	Sericitic alteration	1%	medium grained, massive, light grey, tonalite
2.00	3.00	1.00	434959	0.018	Sericitic alteration	5%	
3.00	4.00	1.00	434961	0.015	Sericitic alteration	1%	
4.00	5.00	1.00	434962	0.049	Sericitic alteration	2%	
5.00	6.00	1.00	434963	0.030	Sericitic alteration	1%	
6.00	7.00	1.00	434964	0.032	Sericitic alteration	1%	
7.00	8.00	1.00	434965	0.020	Sericitic alteration	1%	
8.00	9.00	1.00	434966	0.019	Sericitic alteration	1%	
9.00	10.00	1.00	434967	0.016	Sericitic alteration	3%	
10.00	11.00	1.00	434968	0.009	Sericitic alteration	1%	
11.00	12.00	1.00	434969	0.011	Sericitic alteration	1%	
12.00	13.00	1.00	434971	0.009	Sericitic alteration	1%	
13.00	14.00	1.00	434973	0.012	Sericitic alteration	1%	
14.00	15.00	1.00	434974	0.005	Sericitic alteration	1%	
15.00	16.00	1.00	434975	0.006	Sericitic alteration	1%	
16.00	17.00	1.00	434976	0.005	Sericitic alteration	2%	
17.00	18.00	1.00	434977	0.008	Sericitic alteration	2%	
18.00	19.00	1.00	434978	0.014	Sericitic alteration	1%	
19.00	20.00	1.00	434979	0.074	Sericitic alteration	1%	
20.00	21.00	1.00	434980	0.044	Sericitic alteration	1%	
21.00	21.95	0.95	434981	0.038	Sericitic alteration	2%	
21.95	23.00	1.05	434982	0.160	Sericitic alteration	8%	
23.00	24.00	1.00	434983	0.091	Sericitic alteration	1%	
24.00	25.00	1.00	434985	0.047	Sericitic alteration	1%	
25.00	26.00	1.00	434986	0.019	Sericitic alteration	2%	
26.00	27.00	1.00	434987	0.019	Sericitic alteration	1%	
27.00	28.00	1.00	434988	0.014	Sericitic alteration	1%	
28.00	29.00	1.00	434989	0.021	Sericitic alteration	2%	
29.00	30.00	1.00	434991	0.035	Sericitic alteration	2%	
30.00	31.00	1.00	434992	0.013	Sericitic alteration	1%	
31.00	32.00	1.00	434993	0.019	Sericitic alteration	2%	

32.00	33.00	1.00	434994	0.010	Sericitic alteration	3%
33.00	34.00	1.00	434995	0.019	Sericitic alteration	1%
34.00	35.00	1.00	434997	0.020	Sericitic alteration	1%
35.00	36.00	1.00	434998	0.012	Sericitic alteration	1%
36.00	37.00	1.00	434999	0.005	Sericitic alteration	2%
37.00	38.00	1.00	435000	0.005	Sericitic alteration	1%
38.00	39.00	1.00	431501	0.005	Sericitic alteration	10%
39.00	40.15	1.15	431502	0.005	Silicified	15%
40.15	41.00	0.85	431503	0.005	Sericitic alteration	1%
41.00	42.00	1.00	431504	0.005	Sericitic alteration	2%
42.00	43.00	1.00	431505	0.005	Sericitic alteration	3%
43.00	44.15	1.15	431506	0.005	Sericitic alteration	1%
44.15	45.00	0.85	431507	0.005	Silicified	3%
45.00	46.00	1.00	431508	0.044	Sericitic alteration	3%
46.00	47.00	1.00	431509	0.005	Sericitic alteration	2%
47.00	48.00	1.00	431511	0.050	Sericitic alteration	1%
48.00	49.00	1.00	431513	0.028	Silicified	1%
49.00	50.00	1.00	431514	0.023	Silicified	1%
50.00	51.00	1.00	431515	0.044	Silicified	4%
51.00	51.80	0.80	431516	0.045	Silicified	1%
51.80	53.00	1.20	431517	0.015	Sericitic alteration	2%
53.00	54.00	1.00	431518	0.018	Silicified	1%
54.00	55.50	1.50	431519	0.025	Sericitic alteration	3%
55.50	57.00	1.50	431520	0.021	Silicified	10%
57.00	58.00	1.00	431521	0.005	Silicified	1%
58.00	59.00	1.00	431522	0.044	Sericitic alteration	3%
59.00	60.00	1.00	431523	0.017	Silicified	2%
60.00	61.25	1.25	431525	0.073	Sericitic alteration	1%
61.25	62.00	0.75	431526	0.008	Silicified	2%
62.00	63.00	1.00	431527	0.021	Silicified	1%
63.00	64.05	1.05	431528	0.040	Sericitic alteration	1%
64.05	65.40	1.35	431529	0.975	Sericitic alteration	15%
65.40	66.00	0.60	431531	0.605	Silicified	5%
66.00	67.00	1.00	431532	0.010	Silicified	3%
67.00	68.00	1.00	431533	0.432	Sericitic alteration	7%
68.00	69.00	1.00	431534	0.114	Sericitic alteration	3%
69.00	70.00	1.00	431535	0.155	Sericitic alteration	3%
70.00	71.00	1.00	431537	0.053	Sericitic alteration	5%
71.00	72.05	1.05	431538	0.050	Silicified	5%
72.05	73.00	0.95	431539	0.053	Silicified	3%
73.00	74.00	1.00	431540	5.230	Silicified	3%
74.00	75.00	1.00	431541	0.139	Silicified	4%

75.00	76.00	1.00	431542	0.778	Silicified	5%
76.00	77.00	1.00	431543	0.082	Silicified	1%
77.00	78.00	1.00	431544	0.231	Silicified	4%
78.00	79.00	1.00	431545	0.090	Silicified	1%
79.00	80.15	1.15	431546	0.122	Silicified	9%
80.15	81.00	0.85	431547	0.060	Silicified	0%
81.00	82.00	1.00	431549	0.014	Silicified	3%
82.00	83.20	1.20	431551	0.039	Sericitic alteration	15%
83.20	84.00	0.80	431552	0.033	Sericitic alteration	1%
84.00	85.00	1.00	431553	0.099	Sericitic alteration	1%
85.00	86.00	1.00	431554	0.167	Sericitic alteration	5%
86.00	87.15	1.15	431555	0.400	Sericitic alteration	7%
87.15	88.00	0.85	431556	0.053	Silicified	1%
88.00	89.00	1.00	431557	0.363	Silicified	3%
89.00	90.00	1.00	431558	0.093	Silicified	3%
90.00	91.00	1.00	431559	0.122	Silicified	3%
91.00	92.00	1.00	431561	0.033	Silicified	3%
92.00	93.00	1.00	431562	0.128	Silicified	4%
93.00	94.00	1.00	431563	0.314	Silicified	3%
94.00	95.00	1.00	431564	0.032	Silicified	3%
95.00	96.00	1.00	431565	0.029	Silicified	1%
96.00	97.00	1.00	431566	0.045	Silicified	2%
97.00	98.00	1.00	431567	0.081	Silicified	2%
98.00	99.00	1.00	431568	0.094	Silicified	3%
99.00	100.00	1.00	431569	0.218	Silicified	1%
100.00	101.00	1.00	431571	0.160	Silicified	1%
101.00	102.00	1.00	431573	0.049	Silicified	5%
102.00	103.00	1.00	431574	0.035	Silicified	1%
103.00	104.00	1.00	431575	0.112	Silicified	1%
104.00	105.00	1.00	431576	0.047	Silicified	2%
105.00	106.00	1.00	431577	0.363	Silicified	6%
106.00	107.30	1.30	431578	0.042	Silicified	7%
107.30	108.00	0.70	431579	0.022	Silicified	1%
108.00	109.00	1.00	431580	0.018	Silicified	2%
109.00	110.10	1.10	431581	0.006	Silicified	2%
110.10	111.00	0.90	431582	0.049	Silicified	2%
111.00	112.00	1.00	431583	0.016	Silicified	1%
112.00	113.00	1.00	431585	0.104	Silicified	1%
113.00	114.00	1.00	431586	0.071	Silicified	3%
114.00	115.00	1.00	431587	0.075	Silicified	4%
115.00	116.00	1.00	431588	0.204	Silicified	1%
116.00	117.00	1.00	431589	0.206	Silicified	2%

20 cm MafDk

117.00	118.00	1.00	431591	0.141	Silicified	1%
118.00	119.00	1.00	431592	0.334	Silicified	3%
119.00	120.25	1.25	431593	0.079	Silicified	5%
120.25	121.00	0.75	431594	0.097	Silicified	2%
121.00	122.00	1.00	431595	0.015	Silicified	1%
122.00	123.00	1.00	431597	0.019	Silicified	5%
123.00	124.00	1.00	431598	0.116	Silicified	1%
124.00	125.00	1.00	431599	0.115	Silicified	4%
125.00	126.00	1.00	431600	0.150	Sericitic alteration	2%
126.00	127.00	1.00	431601	0.793	Sericitic alteration	1%
127.00	128.00	1.00	431602	0.051	Sericitic alteration	1%
128.00	129.00	1.00	431603	0.084	Sericitic alteration	1%
129.00	130.00	1.00	431604	0.093	Silicified	1%
130.00	131.00	1.00	431605	0.153	Sericitic alteration	6%
131.00	132.20	1.20	431606	0.173	Silicified	3%
132.20	133.00	0.80	431607	0.149	Sericitic alteration	1%
133.00	134.00	1.00	431608	0.851	Sericitic alteration	2%
134.00	135.00	1.00	431609	0.460	Sericitic alteration	2%
135.00	136.00	1.00	431611	0.082	Sericitic alteration	1%
136.00	137.00	1.00	431613	0.066	Sericitic alteration	1%
137.00	138.00	1.00	431614	0.037	Sericitic alteration	3%
138.00	139.00	1.00	431615	0.041	Sericitic alteration	2%
139.00	140.00	1.00	431616	0.026	Sericitic alteration	1%
140.00	141.00	1.00	431617	0.217	Silicified	2%
141.00	142.00	1.00	431618	0.554	Sericitic alteration	6%
142.00	143.00	1.00	431619	0.404	Silicified	1%
143.00	144.00	1.00	431620	0.529	Silicified	2%
144.00	145.00	1.00	431621	0.150	Silicified	2%
145.00	146.00	1.00	431622	0.254	Sericitic alteration	1%
146.00	147.00	1.00	431623	0.188	Silicified	1%
147.00	148.00	1.00	431625	0.101	Silicified	1%
148.00	149.00	1.00	431626	0.243	Sericitic alteration	1%
149.00	150.00	1.00	431627	0.110	Sericitic alteration	1%
150.00	151.25	1.25	431628	0.394	Sericitic alteration	3%
151.25	152.00	0.75	431629	0.155	Silica–Sodic alteration	0%
152.00	153.00	1.00	431631	0.108	Silica–Sodic alteration	0%
153.00	154.00	1.00	431632	0.106	Silica–Sodic alteration	1%
154.00	154.78	0.78	431633	0.253	Silica–Sodic alteration	0%
154.78	156.00	1.22	431634	0.263	Sericitic alteration	2%
156.00	157.00	1.00	431635	0.051	Sericitic alteration	1%
157.00	158.00	1.00	431637	0.101	Sericitic alteration	1%
158.00	159.00	1.00	431638	0.088	Sericitic alteration	1%

159.00	160.00	1.00	431639	0.067	Sericitic alteration	1%	
160.00	161.00	1.00	431640	0.035	Silicified	1%	
161.00	162.00	1.00	431641	0.080	Sericitic alteration	1%	
162.00	163.00	1.00	431642	0.079	Silicified	1%	40 cm mafic dyke
163.00	164.00	1.00	431643	0.043	Silicified	1%	30 cm mafic dyke
164.00	165.00	1.00	431644	0.125	Silicified	1%	
165.00	166.00	1.00	431645	0.041	Sericitic alteration	1%	
166.00	167.00	1.00	431646	0.177	Sericitic alteration	1%	
167.00	168.00	1.00	431647	0.038	Sericitic alteration	1%	
168.00	169.00	1.00	431649	0.046	Sericitic alteration	1%	
169.00	170.00	1.00	431651	0.245	Silicified	1%	
170.00	171.00	1.00	431652	0.135	Silicified	3%	
171.00	172.00	1.00	431653	0.133	Silicified	5%	one subparallel VN04
172.00	173.00	1.00	431654	0.393	Silicified	5%	
173.00	174.00	1.00	431655	0.112	Silicified	2%	
174.00	175.00	1.00	431656	0.149	Silicified	1%	
175.00	176.00	1.00	431657	0.016	Silicified	2%	
176.00	177.00	1.00	431658	0.007	Silicified	1%	Justin started logging
177.00	177.85	0.85	431659	0.007	Silicified	3%	
177.85	178.97	1.12	431661	0.007	Silicified	5%	some in situe-brecciation Chloritic matrix with very little sulphides
178.97	180.00	1.03	431662	0.032	Silicified	7%	
180.00	181.03	1.03	431663	0.012	Silicified	6%	
181.03	182.07	1.04	431664	0.021	Silicified	5%	
182.07	183.04	0.97	431665	0.044	Silicified	5%	
183.04	184.04	1.00	431666	0.055	Silicified	5%	
184.04	185.19	1.15	431667	0.017	Silicified	4%	
185.19	186.00	0.81	431668	0.330	Silicified	4%	
186.00	187.00	1.00	431669	0.039	Silicified	4%	
187.00	188.00	1.00	431671	0.042	Silicified	3%	
188.00	189.00	1.00	431673	0.208	Silicified	3%	
189.00	190.04	1.04	431674	0.078	Silicified	4%	
190.04	190.55	0.51	431675	0.197	Silicified	5%	
190.55	191.83	1.28	431676	0.026	Silicified	11%	
191.83	192.93	1.10	431677	0.011	Silicified	2%	fault breccia?
192.93	193.98	1.05	431678	0.015	Silicified	3%	
193.98	195.00	1.02	431679	0.009	Silicified	2%	
195.00	196.10	1.10	431680	0.029	Silicified	4%	
196.10	196.96	0.86	431681	0.013	Silicified	3%	
196.96	198.00	1.04	431682	0.039	Silicified	6%	
198.00	199.37	1.37	431683	0.050	Silicified	7%	
199.37	200.07	0.70	431685	0.053	Silicified	3%	

200.07	201.00	0.93	431686	0.070	Silicified	4%	
201.00	202.00	1.00	431687	0.075	Silicified	4%	
202.00	202.99	0.99	431688	0.123	Silicified	3%	
202.99	204.00	1.01	431689	0.200	Silicified	5%	
204.00	205.00	1.00	431691	0.192	Silicified	3%	
205.00	206.00	1.00	431692	0.202	Silicified	3%	
206.00	207.00	1.00	431693	0.047	Silicified	2%	
207.00	207.97	0.97	431694	0.290	Silicified	2%	
207.97	209.00	1.03	431695	0.291	Silicified	5%	
209.00	210.05	1.05	431697	0.200	Sericitic alteration	6%	
210.05	211.07	1.02	431698	0.398	Sericitic alteration	4%	
211.07	212.00	0.93	431699	0.642	Sericitic alteration	5%	
212.00	213.00	1.00	431700	0.925	Sericitic alteration	6%	
213.00	214.00	1.00	431701	0.998	Sericitic alteration	7%	
214.00	215.21	1.21	431702	0.780	Sericitic alteration	20%	in situ brecciation
From	To		Lithologic Group				
215.21	216.12		Diorite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
215.21	216.12	0.91	431703	0.429	Sericitic alteration	5%	close to Dr dyke
From	To		Lithologic Group				
216.12	216.92		Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
216.12	216.92	0.80	431704	8.700	Chloritic alteration	8%	fine grained, foliated, equigranular, dark greenish grey
From	To		Lithologic Group				
216.92	221.15		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
216.92	218.00	1.08	431705	3.110	Sericitic alteration	30%	fine to medium grained, weakly foliated, light grey
218.00	219.00	1.00	431706	0.395	Sericitic alteration	4%	medium grained
219.00	220.00	1.00	431707	0.141	Sericitic alteration	4%	
220.00	221.15	1.15	431708	0.242	Sericitic alteration	25%	
From	To		Lithologic Group				
221.15	222.08		Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
221.15	222.08	0.93	431709	0.106	Sericitic alteration	2%	fine grained equigranular, massive, light grey
From	To		Lithologic Group				
222.08	222.90		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
222.08	222.90	0.82	431711	0.005	Biotitic alteration	2%	medium grained, foliated, equigranular, dark grey

From	To	Lithologic Group					
222.90	228.96	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
222.90	224.09	1.19	431713	0.605	Sericitic alteration	2%	40% tonalite and 60% matrix
224.09	225.00	0.91	431714	1.720	Silicified	3%	10% matrix and 90% tonalite
225.00	226.00	1.00	431715	0.924	Sericitic alteration	2%	20% matrix and 80% tonalite
226.00	227.40	1.40	431716	1.148	Sericitic alteration	12%	30% matrix and 70% tonalite
227.40	228.00	0.60	431717	2.055	Sericitic alteration	3%	60% matrix and 40% tonalite
228.00	228.96	0.96	431718	0.869	Sericitic alteration	2%	70% matrix and 30% tonalite
From	To	Lithologic Group					
228.96	229.74	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
228.96	229.74	0.78	431719	0.220	Chloritic alteration	1%	medium grained, massive, quartz phytic, dark greenish grey
From	To	Lithologic Group					
229.74	232.38	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
229.74	231.00	1.26	431720	0.847	Sericitic alteration	2%	10% matrix and 90% tonalite
231.00	232.38	1.38	431721	0.800	Sericitic alteration	2%	5% matrix and 95% tonalite
From	To	Lithologic Group					
232.38	234.11	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
232.38	233.11	0.73	431722	0.005	Epidote alteration	1%	fine grained, massive, feldspar phytic, dark grey
233.11	234.11	1.00	431723	0.005	Epidote alteration	1%	
From	To	Lithologic Group					
234.11	237.79	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
234.11	235.00	0.89	431725	1.193	Silicified	2%	15% matrix, 85% tonalite
235.00	236.00	1.00	431726	0.579	Silicified	2%	20% matrix, 80% tonalite
236.00	237.00	1.00	431727	1.188	Silicified		25% matrix, 75% tonalite, heavily fractured
237.00	237.79	0.79	431728	0.952	Silicified	2%	35% matrix, 65% tonalite
From	To	Lithologic Group					
237.79	239.02	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
237.79	239.02	1.23	431729	0.314	Sericitic alteration	2%	medium grained, massive, equigranular, light grey
From	To	Lithologic Group					
239.02	242.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
239.02	240.00	0.98	431731	1.328	Sericitic alteration	4%	15% matrix, 85% tonalite, foliated

240.00	241.00	1.00	431732	1.295	Sericitic alteration	2%	20% matrix and 80% tonalite
241.00	242.00	1.00	431733	0.325	Sericitic alteration	1%	10% matrix and 90% tonalite
From 242.00	To 243.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
242.00	243.00	1.00	431734	0.249	Sericitic alteration	12%	medium grained, massive, equigranular, light grey
From 243.00	To 246.00		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
243.00	244.05	1.05	431735	0.410	Sericitic alteration	3%	15% matrix, 85% tonalite, sericite overprint/diffuse contact with matrix
244.05	244.92	0.87	431737	0.698	Silicified	2%	20% matrix, 80% tonalite
244.92	246.00	1.08	431738	0.178	Sericitic alteration	7%	44cm of mafic dyke, 10% matrix
From 246.00	To 247.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
246.00	247.00	1.00	431739	0.050	Silicified	2%	medium grained, massive, equigranular, light grey
From 247.00	To 251.00		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
247.00	248.00	1.00	431740	0.286	Sericitic alteration	2%	15% matrix, 85% tonalite
248.00	249.00	1.00	431741	0.357	Sericitic alteration	2%	5% matrix, 95% tonalite
249.00	250.00	1.00	431742	0.160	Silicified	2%	10% matrix, 90% tonalite
250.00	251.00	1.00	431743	0.922	Silicified	3%	15% matrix, 85% tonalite, 10cm dr dyke
From 251.00	To 252.36		Lithologic Group Diorite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
251.00	252.36	1.36	431744	0.293	Silicified	8%	30cm Dr
From 252.36	To 257.65		Lithologic Group Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
252.36	253.39	1.03	431745	0.011	Chloritic alteration	11%	fine grained, foliated, equigranular, dark greenish grey
253.39	254.00	0.61	431746	0.005	Chloritic alteration	1%	massive
254.00	255.50	1.50	431747	0.005	Chloritic alteration	1%	
255.50	256.71	1.21	431749	0.006	Chloritic alteration	3%	
256.71	257.65	0.94	431751	0.050	Chloritic alteration	10%	foliated

From	To	Lithologic Group					
257.65	262.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
257.65	259.00	1.35	431752	0.715	Silicified	15%	medium grained, massive, equigranular, light grey
259.00	260.00	1.00	431753	0.029	Silicified	6%	
260.00	261.00	1.00	431754	0.022	Silicified	8%	
261.00	262.00	1.00	431755	0.067	Silicified	3%	
From	To	Lithologic Group					
262.00	265.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
262.00	262.99	0.99	431756	0.521	Silicified	3%	5% matrix, 95% tonalite
262.99	264.00	1.01	431757	9.140	Sericitic alteration	1%	20% matrix, 80% tonalite
264.00	265.00	1.00	431758	0.715	Silicified	4%	5% matrix and 95% tonalite
From	To	Lithologic Group					
265.00	275.58	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
265.00	266.00	1.00	431759	0.990	Silicified	4%	medium grained, massive, equigranular, light grey
266.00	267.00	1.00	431761	0.141	Silicified	4%	
267.00	268.00	1.00	431762	0.476	Silicified	3%	
268.00	269.00	1.00	431763	0.594	Silicified	3%	
269.00	270.27	1.27	431764	0.287	Silicified	7%	
270.27	271.00	0.73	431765	0.619	Silicified	2%	
271.00	272.00	1.00	431766	0.550	Silicified	3%	
272.00	273.00	1.00	431767	1.883	Sericitic alteration	4%	VG in vein at 272.68m
273.00	274.00	1.00	431769	1.117	Sericitic alteration	3%	
274.00	275.00	1.00	431771	2.875	Sericitic alteration	4%	
275.00	275.58	0.58	431773	2.195	Sericitic alteration	2%	
From	To	Lithologic Group					
275.58	276.53	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
275.58	276.53	0.95	431774	0.024	Biotitic alteration	1%	fine grained, foliated, biotite phyrlic, dark grey
From	To	Lithologic Group					
276.53	288.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
276.53	278.00	1.47	431775	1.614	Sericitic alteration	4%	medium grained, massive, equigranular, light grey
278.00	278.59	0.59	431776	0.357	Silicified	3%	light pinkish grey
278.59	280.00	1.41	431777	0.110	Silicified	3%	
280.00	281.00	1.00	431778	0.581	Silicified	3%	
281.00	282.00	1.00	431779	1.688	Silicified	2%	

282.00	283.00	1.00	431780	1.896	Silicified	2%	
283.00	284.00	1.00	431781	3.110	Silicified	4%	
284.00	285.00	1.00	431782	0.557	Silicified	4%	
285.00	286.00	1.00	431783	0.998	Silicified	1%	
286.00	287.03	1.03	431785	0.479	Silicified	2%	2.7cm dyke cutting through
287.03	288.00	0.97	431786	0.343	Silicified	2%	

From	To	Lithologic Group					
288.00	294.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
288.00	289.00	1.00	431787	0.740	Sericitic alteration	2%	magnetic matrix, 10% matrix and 90% tonalite
289.00	290.00	1.00	431788	4.330	Sericitic alteration	0%	10% matrix and 90% tonalite
290.00	291.00	1.00	431789	1.537	Sericitic alteration	1%	5% matrix and 95% tonalite, ser overprint of matrix
291.00	292.00	1.00	431791	30.600	Sericitic alteration	6%	10% matrix and 90% tonalite
292.00	293.00	1.00	431793	0.430	Silicified	2%	lamp cutting through, 5% matrix 50% tonalite, 55% lamp
293.00	294.00	1.00	431794	1.399	Sericitic alteration	1%	10% matrix and 90% tonalite

From	To	Lithologic Group					
294.00	295.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
294.00	295.00	1.00	431795	0.387	Sericitic alteration	2%	medium grained, massive, equigranular, light grey

From	To	Lithologic Group					
295.00	296.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
295.00	296.00	1.00	431797	0.610	Sericitic alteration	2%	5% matrix and 95% tonalite

From	To	Lithologic Group					
296.00	297.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
296.00	297.00	1.00	431798	0.913	Silicified	6%	

From	To	Lithologic Group					
297.00	297.97	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
297.00	297.97	0.97	431799	0.669	Sericitic alteration	2%	5% matrix and 95% tonalite

From	To	Lithologic Group					
297.97	299.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
297.97	299.00	1.03	431800	0.350	Sericitic alteration	4%	medium grained, massive, equigranular,

From	To	Lithologic Group					
299.00	306.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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299.00	300.00	1.00	431801	1.772	Sericitic alteration	4%	5% matrix, 95% tonalite
300.00	301.11	1.11	431802	0.867	Sericitic alteration	13%	10% matrix, 90% tonalite
301.11	302.05	0.94	431803	10.300	Sericitic alteration	3%	15% matrix and 85% tonalite
302.05	303.00	0.95	431804	1.493	Sericitic alteration	5%	10% matrix and 90% tonalite
303.00	303.96	0.96	431805	1.216	Sericitic alteration	1%	10% matrix and 90% tonalite
303.96	305.00	1.04	431806	1.039	Sericitic alteration	3%	5% matrix and 95% tonalite
305.00	306.00	1.00	431807	0.448	Sericitic alteration	1%	5% matrix and 95% tonalite
From 306.00	To 307.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
306.00	307.00	1.00	431808	1.279	Sericitic alteration	1%	5% matrix and 95% tonalite
From 307.00	To 313.01		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
307.00	308.00	1.00	431809	0.796	Sericitic alteration	1%	5% matrix and 95% tonalite
308.00	309.00	1.00	431811	0.261	Sericitic alteration	1%	10% matrix and 90% tonalite
309.00	310.00	1.00	431813	0.162	Sericitic alteration	0%	10% matrix and 90% tonalite, magnetic
310.00	311.00	1.00	431814	1.305	Sericitic alteration	1%	10% matrix and 90% matrix, magnetic
311.00	312.00	1.00	431815	0.413	Sericitic alteration	8%	5% matrix and 95% tonalite
312.00	313.01	1.01	431816	0.565	Sericitic alteration	1%	10% matrix and 90% tonalite
From 313.01	To 322.30		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
313.01	314.00	0.99	431817	0.045	Sericitic alteration	5%	medium grained, massive, equigranular, light grey
314.00	315.00	1.00	431818	0.166	Sericitic alteration	11%	
315.00	315.99	0.99	431819	0.671	Sericitic alteration	25%	
315.99	317.00	1.01	431820	3.390	Sericitic alteration	15%	
317.00	318.00	1.00	431821	0.130	Sericitic alteration	1%	
318.00	319.00	1.00	431822	0.228	Sericitic alteration	3%	
319.00	320.00	1.00	431823	0.444	Sericitic alteration	2%	
320.00	321.00	1.00	431825	0.062	Sericitic alteration	2%	
321.00	322.30	1.30	431826	0.365	Sericitic alteration	2%	
From 322.30	To 325.00		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
322.30	323.00	0.70	431827	0.566	Sericitic alteration	0%	10% matrix and 90% tonalite
323.00	324.00	1.00	431828	2.650	Sericitic alteration	3%	15% matrix and 90% tonalite
324.00	325.00	1.00	431829	3.260	Sericitic alteration	1%	10% matrix and 90% tonalite

From	To	Lithologic Group					
325.00	326.50	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
325.00	326.50	1.50	431831	1.757	Sericitic alteration	15%	medium grained, massive, equigranular, light grey
From	To	Lithologic Group					
326.50	329.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
326.50	327.05	0.55	431832	1.734	Sericitic alteration	1%	5% matrix and 95% tonalite
327.05	328.00	0.95	431833	5.110	Sericitic alteration	1%	10% matrix and 90% tonalite
328.00	329.00	1.00	431834	3.270	Sericitic alteration	2%	5% matrix and 95% tonalite
From	To	Lithologic Group					
329.00	330.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
329.00	330.00	1.00	431835	1.737	Sericitic alteration	5%	medium grained, massive, equigranular, light grey
From	To	Lithologic Group					
330.00	331.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
330.00	331.00	1.00	431837	5.170	Sericitic alteration	2%	5% matrix and 95% tonalite
From	To	Lithologic Group					
331.00	334.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
331.00	332.00	1.00	431838	0.676	Silicified	2%	medium grained, massive, equigranular, light grey
332.00	333.00	1.00	431839	0.796	Silicified	2%	
333.00	334.00	1.00	431840	3.650	Silicified	2%	
From	To	Lithologic Group					
334.00	335.77	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
334.00	334.99	0.99	431841	7.910	Silicified	1%	5% matrix and 95% tonalite
334.99	335.77	0.78	431842	2.907	Silicified	1%	5% matrix and 95% tonalite
From	To	Lithologic Group					
335.77	341.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
335.77	337.23	1.46	431843	3.910	Sericitic alteration	10%	medium grained, massive, equigranular, light grey, under 5% matrix
337.23	338.00	0.77	431844	0.829	Silicified	2%	
338.00	339.50	1.50	431845	0.633	Sericitic alteration	2%	
339.50	341.00	1.50	431846	8.930	Silicified	7%	

From	To	Lithologic Group					
341.00	342.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
341.00	342.00	1.00	431847	7.220	Silicified	4%	under 5% matrix, very poorly developed HdBx, VG in vein at 341.72
From	To	Lithologic Group					
342.00	350.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
342.00	343.00	1.00	431849	1.356	Silicified	4%	x
343.00	344.00	1.00	431851	4.250	Silicified	3%	
344.00	345.00	1.00	431852	0.761	Silicified	3%	
345.00	346.00	1.00	431853	1.669	Sericitic alteration	3%	
346.00	347.03	1.03	431854	2.257	Sericitic alteration	3%	VG in vein at 346.98
347.03	348.00	0.97	431856	0.643	Sericitic alteration	2%	
348.00	349.00	1.00	431857	0.424	Sericitic alteration	2%	
349.00	350.00	1.00	431858	0.558	Sericitic alteration	8%	
From	To	Lithologic Group					
350.00	352.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
350.00	351.00	1.00	431859	0.776	Sericitic alteration	3%	Caitlin logging from here; 3% matrix
351.00	352.00	1.00	431861	2.123	Silicified	1%	5% matrix
From	To	Lithologic Group					
352.00	354.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
352.00	353.00	1.00	431862	3.270	Silicified	1%	
353.00	354.00	1.00	431863	2.726	Silicified	1%	
From	To	Lithologic Group					
354.00	358.05	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
354.00	355.00	1.00	431864	0.430	Silicified	1%	3% matrix
355.00	356.00	1.00	431865	1.437	Silicified	5%	5% matrix
356.00	357.00	1.00	431866	1.843	Silicified	2%	1% matrix
357.00	358.05	1.05	431867	2.950	Silicified	1%	25% matrix
From	To	Lithologic Group					
358.05	358.65	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
358.05	358.65	0.60	431868	0.018	Chloritic alteration	0%	
From	To	Lithologic Group					
358.65	360.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

358.65	360.00	1.35	431869	0.984	Silicified	3%	5% matrix
From	To		Lithologic Group				
360.00	362.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
360.00	361.00	1.00	431871	0.174	Silicified	3%	
361.00	362.00	1.00	431873	0.298	Silicified	5%	
From	To		Lithologic Group				
362.00	366.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
362.00	363.00	1.00	431874	0.735	Silicified	1%	3% matrix
363.00	364.00	1.00	431875	7.770	Silicified	2%	45% matrix
364.00	365.00	1.00	431876	1.344	Silicified	2%	10% matrix
365.00	366.00	1.00	431877	1.666	Silicified	10%	3% matrix
From	To		Lithologic Group				
366.00	367.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
366.00	367.00	1.00	431878	0.331	Silicified	2%	
From	To		Lithologic Group				
367.00	368.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
367.00	368.00	1.00	431879	3.480	Silicified	10%	5% matrix
From	To		Lithologic Group				
368.00	370.10		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
368.00	369.00	1.00	431880	0.309	Silicified	10%	20 cm MafDk
369.00	370.10	1.10	431881	0.043	Silicified	5%	
From	To		Lithologic Group				
370.10	371.40		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
370.10	371.40	1.30	431882	0.132	Silicified	2%	5% matrix
From	To		Lithologic Group				
371.40	372.25		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
371.40	372.25	0.85	431883	0.007	Chloritic alteration	30%	
From	To		Lithologic Group				
372.25	374.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
372.25	373.00	0.75	431885	0.185	Silicified	5%	
373.00	374.00	1.00	431886	0.231	Silicified	5%	

From	To	Lithologic Group					
374.00	375.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
374.00	375.00	1.00	431887	0.308	Silicified	5%	3% matrix
From	To	Lithologic Group					
375.00	375.75	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
375.00	375.75	0.75	431888	0.023	Silicified	1%	
From	To	Lithologic Group					
375.75	378.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
375.75	377.00	1.25	431889	0.151	Silicified	7%	3% matrix
377.00	378.00	1.00	431891	0.940	Silicified	2%	10% matrix
From	To	Lithologic Group					
378.00	378.90	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
378.00	378.90	0.90	431892	0.200	Silicified	1%	
From	To	Lithologic Group					
378.90	380.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
378.90	380.00	1.10	431893	1.480	Silicified	1%	10% matrix
From	To	Lithologic Group					
380.00	386.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
380.00	381.00	1.00	431894	0.713	Silicified	2%	
381.00	382.00	1.00	431895	0.067	Sericitic alteration	1%	
382.00	383.00	1.00	431897	0.311	Sericitic alteration	1%	
383.00	384.00	1.00	431898	0.196	Sericitic alteration	1%	
384.00	384.85	0.85	431899	0.280	Sericitic alteration	2%	
384.85	386.00	1.15	431900	0.815	Silicified	7%	
From	To	Lithologic Group					
386.00	388.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
386.00	387.00	1.00	431901	3.760	Silicified	1%	7% matrix
387.00	388.00	1.00	431902	0.234	Silicified	2%	3% matrix
From	To	Lithologic Group					
388.00	389.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
388.00	389.00	1.00	431903	0.260	Silicified	1%	

From	To	Lithologic Group					
389.00	399.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
389.00	390.00	1.00	431904	0.461	Silicified	1%	10% matrix
390.00	391.00	1.00	431905	0.100	Silicified	3%	5% matrix
391.00	392.00	1.00	431906	0.276	Silicified	2%	10% matrix
392.00	393.00	1.00	431907	0.382	Silicified	2%	10% matrix
393.00	394.00	1.00	431908	0.384	Silicified	1%	1% matrix
394.00	395.00	1.00	431909	0.417	Silicified	3%	10% matrix
395.00	396.00	1.00	431911	0.209	Silicified	2%	1% matrix
396.00	397.00	1.00	431913	0.798	Silicified	1%	5% matrix
397.00	398.00	1.00	431914	0.381	Silicified	3%	3% matrix
398.00	399.00	1.00	431915	0.076	Silicified	2%	15% matrix
From	To	Lithologic Group					
399.00	400.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
399.00	400.00	1.00	431916	0.086	Silicified	1%	
From	To	Lithologic Group					
400.00	403.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
400.00	401.00	1.00	431917	0.154	Silicified	2%	1% matrix
401.00	402.00	1.00	431918	0.327	Silicified	1%	15% matrix
402.00	403.00	1.00	431919	0.584	Silicified	1%	10% matrix
From	To	Lithologic Group					
403.00	405.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
403.00	404.00	1.00	431920	1.349	Silicified	1%	
404.00	405.00	1.00	431921	0.154	Silicified	1%	
From	To	Lithologic Group					
405.00	409.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
405.00	406.00	1.00	431922	0.511	Silicified	2%	15% matrix
406.00	406.65	0.65	431923	1.017	Silicified	1%	15% matrix
406.65	408.00	1.35	431925	0.056	Silicified	15%	5% matrix; sample contains 2 x 40 cm LamDk
408.00	409.00	1.00	431926	0.035	Silicified	1%	10% matrix
From	To	Lithologic Group					
409.00	410.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
409.00	410.00	1.00	431927	0.103	Silicified	3%	3 cm Ton 2 vein

From	To	Lithologic Group					
410.00	417.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
410.00	411.00	1.00	431928	0.314	Silicified	1%	10% matrix; 5 cm Ton 2 vein
411.00	412.00	1.00	431929	0.183	Silicified	7%	1% matrix
412.00	413.00	1.00	431931	0.184	Silicified	1%	3% matrix
413.00	414.00	1.00	431932	0.580	Silicified	2%	7% matrix
414.00	415.00	1.00	431933	0.094	Silicified	1%	3% matrix
415.00	416.00	1.00	431934	0.293	Silicified	1%	10% matrix
416.00	417.00	1.00	431935	0.224	Silicified	2%	10% matrix
From	To	Lithologic Group					
417.00	420.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
417.00	418.00	1.00	431937	0.036	Silicified	5%	5% Ton 2 patches
418.00	419.05	1.05	431938	0.050	Silicified	7%	5% Ton 2 patches
419.05	420.00	0.95	431939	0.089	Silicified	1%	35 cm LamDk
From	To	Lithologic Group					
420.00	421.00	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
420.00	421.00	1.00	431940	0.037	Silicified	1%	15% Ton 2 matrix with Ton fragments
From	To	Lithologic Group					
421.00	422.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
421.00	422.00	1.00	431941	0.113	Silicified	1%	
From	To	Lithologic Group					
422.00	422.60	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
422.00	422.60	0.60	431942	0.145	Silicified	1%	30% Ton 2 matrix with Ton fragments
From	To	Lithologic Group					
422.60	427.00	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
422.60	424.00	1.40	431943	0.015	Silicified	3%	
424.00	425.15	1.15	431944	0.134	Silicified	3%	
425.15	426.00	0.85	431945	0.191	Silicified	13%	
426.00	427.00	1.00	431946	1.176	Silicified	1%	
From	To	Lithologic Group					
427.00	428.10	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
427.00	428.10	1.10	431947	0.035	Silicified	1%	25% Ton 2 matrix with Ton and MafDk fragments

From	To	Lithologic Group					
428.10	430.70	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
428.10	429.00	0.90	431949	0.019	Silicified	3%	
429.00	430.00	1.00	431951	0.037	Silicified	1%	
430.00	430.70	0.70	431952	0.072	Silicified	1%	
From	To	Lithologic Group					
430.70	432.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
430.70	432.00	1.30	431953	0.058	Silicified	2%	15% matrix; sample ends in 40 cm LamDk

DRILL HOLE REPORT

Drill Hole **GOS21-89** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -65.0
 Length 36.0 m
 Started 26-Jun-21
 Completed 27-Jun-21
 Logged 28-Jun-21
 Logged by Erik Bobechko

Company
 Contractor Chenier Drilling
 Position
 Bore Size BQTK
 Sample Storage Klondike Lodge
 Casing NONE
 Condition Cemented

Survey Details:

Claim Number MLO-10658
 Property Chester
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Multi-shot Survey
 Coord Survey Tool GPS

Coordinates:

Easting 431120.79
 Northing 5267814.12
 Elevation 380.99

UTM Datum NAD83
 UTM Zone 17

Target

Comments Hole abandoned and re-drilled (GOS21-90) at proper azimuth.

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
27.0	327.40	-61.05		RM	Good						
29.0	327.43	-61.20		RM	Good						
31.0	327.38	-61.07		RM	Good						

From	To	Lithologic Group					
0.00	19.70	Overburden					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	19.70	19.70			Unaltered		OB

From	To	Lithologic Group					
19.70	30.60	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
19.70	21.00	1.30	439251	2.136	Silicified	5%	fg, light grey, intense sil, non-magnetic
21.00	22.00	1.00	439252	8.920	Silicified	30%	
22.00	23.00	1.00	439253	16.800	Silicified	10%	
23.00	24.00	1.00	439254	0.521	Silicified	1%	
24.00	25.00	1.00	439255	0.531	Silicified	2%	
25.00	26.00	1.00	439256	1.141	Silicified	3%	
26.00	27.00	1.00	439257	1.162	Silicified	6%	
27.00	28.00	1.00	439258	0.640	Silicified	3%	
28.00	29.00	1.00	439259	0.438	Silicified	2%	
29.00	30.00	1.00	439261	0.425	Silicified	2%	
30.00	30.60	0.60	439262	0.150	Silicified	8%	

From	To	Lithologic Group					
30.60	36.00	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
30.60	32.00	1.40	439263	0.201	Chloritic alteration	5%	
32.00	33.00	1.00	439264	0.190	Chloritic alteration	3%	
33.00	34.00	1.00	439265	0.474	Chloritic alteration	2%	
34.00	35.00	1.00	439266	0.196	Chloritic alteration	1%	
35.00	36.00	1.00	439267	2.213	Chloritic alteration	1%	

DRILL HOLE REPORT

Drill Hole **GOS21-90** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -65.0
 Length 441.0 m
 Started 27-Jun-21
 Completed 07-Jul-21
 Logged 08-Jul-21
 Logged by Erik Bobechko

Company
 Contractor Chenier Drilling
 Position
 Bore Size BQTK
 Sample Storage Klondike Lodge
 Casing NONE
 Condition Cemented

Survey Details:

Claim Number MLO-10658
 Property Chester
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Multi-shot Survey
 Coord Survey Tool GPS

Coordinates:

Target Easting 431120.79
 Comments UTM Datum NAD83 Northing 5267814.12
 UTM Zone 17 Elevation 380.99

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
39.0	330.92	-67.73		RM	Good	78.0	330.00	-67.73		RM	Good
45.0	330.55	-67.81		RM	Good	81.0	329.94	-67.74		RM	Good
48.0	330.68	-67.59		RM	Good	84.0	330.04	-67.77		RM	Good
51.0	330.40	-67.83		RM	Good	87.0	329.70	-67.75		RM	Good
54.0	329.80	-68.40		RM	Good	93.0	329.83	-67.75		RM	Good
60.0	330.42	-67.67		RM	Good	96.0	329.67	-67.77		RM	Good
63.0	330.36	-67.71		RM	Good	99.0	330.31	-67.74		RM	Good
66.0	330.23	-67.72		RM	Good	102.0	330.13	-67.64		RM	Good
69.0	330.24	-67.67		RM	Good	111.0	329.59	-67.78		RM	Good
72.0	330.20	-67.71		RM	Good	117.0	329.57	-67.72		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
120.0	330.32	-67.73		RM	Good
123.0	330.22	-67.72		RM	Good
126.0	330.18	-67.72		RM	Good
129.0	330.04	-67.88		RM	Good
132.0	330.42	-67.75		RM	Good
141.0	330.05	-67.65		RM	Good
147.0	329.93	-68.00		RM	Good
150.0	329.78	-67.83		RM	Good
153.0	329.85	-67.80		RM	Good
156.0	330.87	-67.90		RM	Good
159.0	330.61	-67.83		RM	Good
162.0	330.42	-67.91		RM	Good
165.0	330.58	-67.93		RM	Good
171.0	329.88	-67.88		RM	Good
174.0	329.68	-67.88		RM	Good
177.0	330.03	-67.86		RM	Good
180.0	329.99	-67.92		RM	Good
183.0	330.07	-67.91		RM	Good
186.0	330.03	-67.88		RM	Good
189.0	330.65	-67.50		RM	Good
192.0	330.30	-67.82		RM	Good
195.0	330.73	-68.60		RM	Good
198.0	330.63	-67.73		RM	Good
201.0	330.35	-67.89		RM	Good
204.0	330.78	-67.11		RM	Good
210.0	330.35	-68.23		RM	Good
216.0	330.68	-68.00		RM	Good
219.0	330.12	-68.40		RM	Good
222.0	330.81	-67.92		RM	Good
225.0	330.67	-67.90		RM	Good
237.0	329.67	-67.95		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
243.0	330.34	-67.82		RM	Good
246.0	330.21	-67.95		RM	Good
249.0	330.48	-67.87		RM	Good
252.0	330.38	-67.89		RM	Good
255.0	330.48	-67.89		RM	Good
258.0	330.48	-67.89		RM	Good
261.0	330.55	-67.85		RM	Good
264.0	330.36	-67.90		RM	Good
267.0	330.25	-67.97		RM	Good
270.0	330.31	-67.88		RM	Good
273.0	330.50	-67.89		RM	Good
276.0	330.92	-67.89		RM	Good
282.0	330.53	-67.88		RM	Good
285.0	329.92	-68.03		RM	Good
288.0	330.17	-67.84		RM	Good
291.0	330.43	-67.86		RM	Good
294.0	330.36	-67.84		RM	Good
297.0	330.33	-67.83		RM	Good
300.0	329.82	-68.13		RM	Good
303.0	329.81	-67.89		RM	Good
306.0	330.31	-67.81		RM	Good
309.0	330.23	-67.75		RM	Good
312.0	330.29	-67.70		RM	Good
315.0	330.41	-67.75		RM	Good
318.0	330.36	-67.77		RM	Good
321.0	330.62	-67.73		RM	Good
324.0	329.88	-67.77		RM	Good
327.0	329.87	-67.93		RM	Good
330.0	329.97	-67.61		RM	Good
333.0	329.74	-68.10		RM	Good
336.0	330.23	-67.64		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
345.0	329.60	-67.51		RM	Good
351.0	329.64	-67.46		RM	Good
357.0	329.86	-67.39		RM	Good
360.0	330.00	-67.34		RM	Good
366.0	330.16	-67.30		RM	Good
369.0	329.51	-67.22		RM	Good
372.0	330.08	-67.25		RM	Good
375.0	330.10	-67.18		RM	Good
378.0	330.10	-67.17		RM	Good
381.0	330.07	-67.13		RM	Good
393.0	330.44	-66.91		RM	Good
396.0	329.83	-66.92		RM	Good
399.0	330.14	-66.89		RM	Good
402.0	330.35	-66.86		RM	Good
408.0	330.04	-66.78		RM	Good
411.0	330.43	-66.78		RM	Good
414.0	329.87	-66.74		RM	Good
417.0	329.99	-66.76		RM	Good
420.0	329.85	-66.78		RM	Good
429.0	329.83	-66.95		RM	Good
438.0	329.91	-66.97		RM	Good
441.0	330.08	-67.00		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
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From	To	Lithologic Group					
0.00	20.40	Overburden					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	20.40	20.40			Unaltered	0%	

From	To	Lithologic Group					
20.40	38.25	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
20.40	22.00	1.60	439268	4.410	Silicified	5%	fine-medium grained, light grey, non magnetic, strong pv sil alt
22.00	23.00	1.00	439269	2.657	Silicified	3%	
23.00	24.00	1.00	439271	5.390	Silicified	7%	VG in qv
24.00	25.50	1.50	439273	3.840	Silicified	9%	
25.50	26.50	1.00	439274	2.142	Sericitic alteration	7%	
26.50	27.50	1.00	439275	1.028	Sericitic alteration	10%	
27.50	28.50	1.00	439276	1.336	Sericitic alteration	3%	
28.50	29.50	1.00	439277	0.456	Sericitic alteration	5%	
29.50	30.50	1.00	439278	2.320	Sericitic alteration	5%	
30.50	31.55	1.05	439279	0.369	Sericitic alteration	5%	
31.55	32.50	0.95	439280	0.448	Silicified	2%	
32.50	33.50	1.00	439281	0.494	Silicified	2%	
33.50	34.50	1.00	439282	0.678	Silicified	3%	
34.50	35.50	1.00	439283	0.566	Silicified	3%	
35.50	36.50	1.00	439285	0.850	Silicified	2%	
36.50	37.50	1.00	439286	0.841	Silicified	8%	
37.50	38.25	0.75	439287	0.134	Silicified	5%	

From	To	Lithologic Group					
38.25	72.00	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
38.25	39.50	1.25	439288	0.079	Chloritic alteration	3%	
39.50	40.50	1.00	439289	0.026	Chloritic alteration	5%	
40.50	42.00	1.50	439291	0.041	Chloritic alteration	3%	
42.00	43.50	1.50	439292	0.079	Chloritic alteration	5%	
43.50	45.00	1.50	439293	0.129	Chloritic alteration	2%	
45.00	46.50	1.50	439294	0.470	Chloritic alteration	2%	
46.50	48.00	1.50	439295	0.149	Chloritic alteration	2%	
48.00	49.50	1.50	439297	0.345	Chloritic alteration	1%	
49.50	51.00	1.50	439298	0.593	Chloritic alteration	8%	
51.00	52.50	1.50	439299	0.041	Chloritic alteration	1%	
52.50	54.00	1.50	439300	0.051	Chloritic alteration	1%	

54.00	55.50	1.50	439301	0.042	Chloritic alteration	1%	
55.50	57.00	1.50	439302	0.010	Chloritic alteration	2%	
57.00	58.50	1.50	439303	0.005	Chloritic alteration	2%	
58.50	60.00	1.50	439304	0.056	Chloritic alteration	2%	
60.00	61.50	1.50	439305	0.285	Chloritic alteration	8%	
61.50	63.00	1.50	439306	0.011	Chloritic alteration	2%	
63.00	64.50	1.50	439307	0.005	Chloritic alteration	1%	
64.50	66.00	1.50	439308	0.005	Chloritic alteration	1%	
66.00	67.50	1.50	439309	0.015	Chloritic alteration	1%	
67.50	69.00	1.50	439311	0.014	Chloritic alteration	2%	grading towards QDR
69.00	70.50	1.50	439313	0.020	Chloritic alteration	2%	
70.50	72.00	1.50	439314	0.006	Chloritic alteration	1%	ton bx?
From	To		Lithologic Group				
72.00	76.50		Tonalite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
72.00	73.50	1.50	439315	0.005	Chloritic alteration	1%	
73.50	75.00	1.50	439316	0.153	Silicified	3%	
75.00	76.50	1.50	439317	0.437	Silicified	4%	
From	To		Lithologic Group				
76.50	78.00		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
76.50	78.00	1.50	439318	0.435	Chloritic alteration	1%	
From	To		Lithologic Group				
78.00	79.60		Tonalite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
78.00	79.60	1.60	439319	0.155	Chloritic alteration	2%	Mixture of ton, QDR, and DR
From	To		Lithologic Group				
79.60	80.40		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
79.60	80.40	0.80	439320	0.163	Silicified	3%	
From	To		Lithologic Group				
80.40	84.20		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
80.40	81.50	1.10	439321	0.005	Chloritic alteration	1%	
81.50	83.00	1.50	439322	0.122	Chloritic alteration	1%	
83.00	84.20	1.20	439323	0.165	Chloritic alteration	1%	
From	To		Lithologic Group				
84.20	131.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
84.20	85.50	1.30	439325	0.044	Silicified	6%	
85.50	86.50	1.00	439326	0.072	Silicified	2%	

86.50	87.50	1.00	439327	0.025	Silicified	2%	
87.50	88.50	1.00	439328	0.045	Silicified	5%	
88.50	89.50	1.00	439329	0.011	Silicified	3%	
89.50	90.50	1.00	439331	0.031	Silicified	1%	
90.50	91.50	1.00	439332	0.029	Silicified	2%	
91.50	92.50	1.00	439333	0.035	Silicified	1%	
92.50	93.50	1.00	439334	0.005	Silicified	1%	
93.50	94.50	1.00	439335	0.019	Silicified	1%	
94.50	95.50	1.00	439337	0.018	Silicified	3%	
95.50	96.50	1.00	439338	0.021	Sericitic alteration	4%	
96.50	97.50	1.00	439339	0.042	Silicified	3%	
97.50	98.50	1.00	439340	0.061	Sericitic alteration	3%	
98.50	99.50	1.00	439341	0.127	Sericitic alteration	5%	
99.50	100.50	1.00	439342	0.034	Sericitic alteration	10%	
100.50	101.50	1.00	439343	0.119	Silicified	3%	
101.50	102.50	1.00	439344	0.048	Sericitic alteration	1%	
102.50	103.50	1.00	439345	0.099	Silicified	3%	
103.50	104.50	1.00	439346	0.083	Silicified	2%	
104.50	105.50	1.00	439347	0.026	Sericitic alteration	2%	
105.50	107.00	1.50	439349	0.111	Silicified	5%	
107.00	108.00	1.00	439351	0.236	Silicified	4%	
108.00	109.00	1.00	439352	0.699	Silicified	1%	20cm patch of sil overprinted breccia (tectonic? Hydrothermal?)
109.00	110.00	1.00	439353	0.038	Silicified	4%	
110.00	111.00	1.00	439354	0.032	Sericitic alteration	3%	
111.00	112.50	1.50	439355	0.161	Sericitic alteration	5%	
112.50	114.00	1.50	439356	0.282	Sericitic alteration	7%	
114.00	115.00	1.00	439357	0.036	Sericitic alteration	5%	
115.00	116.00	1.00	439358	0.256	Silicified	3%	30cm of rubble
116.00	117.00	1.00	439359	0.087	Silicified	3%	
117.00	118.00	1.00	439361	0.013	Silicified	3%	
118.00	119.00	1.00	439362	0.458	Silicified	2%	
119.00	120.00	1.00	439363	0.169	Silicified	2%	
120.00	121.00	1.00	439364	0.047	Silicified	2%	
121.00	122.00	1.00	439365	0.276	Silicified	2%	
122.00	123.00	1.00	439366	0.044	Silicified	2%	
123.00	124.00	1.00	439367	0.011	Silicified	3%	
124.00	125.00	1.00	439368	0.010	Silicified	2%	
125.00	126.00	1.00	439369	0.021	Sericitic alteration	3%	
126.00	127.00	1.00	439371	0.063	Silicified	4%	
127.00	128.00	1.00	439373	0.036	Silicified	3%	
128.00	129.00	1.00	439374	0.135	Silicified	4%	

129.00	130.00	1.00	439375	0.064	Sericitic alteration	2%	
130.00	131.00	1.00	439376	0.046	Sericitic alteration	7%	
From	To		Lithologic Group				
131.00	132.60		Lamprophyre Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
131.00	132.60	1.60	439377	0.005	Chloritic alteration	1%	
From	To		Lithologic Group				
132.60	150.85		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
132.60	134.00	1.40	439378	0.087	Sericitic alteration	7%	
134.00	135.00	1.00	439379	0.018	Silicified	1%	
135.00	136.00	1.00	439380	0.059	Silicified	3%	
136.00	137.00	1.00	439381	0.056	Silicified	1%	
137.00	138.00	1.00	439382	0.016	Silicified	2%	
138.00	139.00	1.00	439383	0.030	Silicified	3%	
139.00	140.00	1.00	439385	0.352	Sericitic alteration	3%	
140.00	141.00	1.00	439386	0.068	Silicified	1%	
141.00	142.00	1.00	439387	0.287	Silicified	2%	
142.00	143.00	1.00	439388	0.046	Silicified	2%	25cm mafdk
143.00	144.00	1.00	439389	0.129	Silicified	2%	
144.00	145.00	1.00	439391	0.196	Silicified	3%	
145.00	146.00	1.00	439392	0.280	Silicified	2%	
146.00	147.00	1.00	439393	0.293	Silicified	2%	
147.00	148.00	1.00	439394	0.327	Silicified	1%	
148.00	149.00	1.00	439395	0.529	Silicified	2%	
149.00	150.00	1.00	439397	0.306	Silicified	2%	
150.00	150.85	0.85	439398	0.058	Silicified	1%	
From	To		Lithologic Group				
150.85	152.40		Diabase				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
150.85	152.40	1.55	439399	0.005	Epidote alteration	1%	
From	To		Lithologic Group				
152.40	157.80		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
152.40	154.00	1.60	439400	0.154	Silicified	2%	
154.00	155.00	1.00	439401	0.251	Silicified	2%	
155.00	156.00	1.00	439402	0.367	Silicified	5%	
156.00	157.00	1.00	439403	0.102	Silicified	1%	
157.00	157.80	0.80	439404	0.149	Silicified	6%	
From	To		Lithologic Group				
157.80	159.30		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

157.80	159.30	1.50	439405	1.614	Silicified	7%	hydrothermal matrix, poorly developed bx, vg + mo
From	To		Lithologic Group				
159.30	165.15		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
159.30	160.00	0.70	439407	0.061	Silicified	1%	
160.00	161.00	1.00	439408	0.134	Silicified	1%	
161.00	162.00	1.00	439409	0.220	Chloritic alteration	1%	dark green/black tonalite, medium grained, strong interstitial chlorite+biotite
162.00	163.00	1.00	439411	1.512	Chloritic alteration	1%	
163.00	164.00	1.00	439413	0.196	Chloritic alteration	1%	
164.00	165.15	1.15	439414	0.054	Chloritic alteration	1%	
From	To		Lithologic Group				
165.15	166.00		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
165.15	166.00	0.85	439415	0.172	Chloritic alteration	1%	fine grained, black, non magnetic, weakly sheared
From	To		Lithologic Group				
166.00	168.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
166.00	167.00	1.00	439416	0.131	Sericitic alteration	2%	
167.00	168.00	1.00	439417	0.082	Sericitic alteration	2%	
From	To		Lithologic Group				
168.00	171.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
168.00	169.00	1.00	439418	2.780	Silicified	1%	poorly developed hdbx, strong fracturing, in situ
169.00	170.00	1.00	439419	0.581	Silicified	1%	5% mx, very strong mo min
170.00	171.00	1.00	439420	0.250	Silicified	1%	<5% mx, poorly developed
From	To		Lithologic Group				
171.00	175.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
171.00	172.00	1.00	439421	0.186	Silicified	3%	
172.00	173.00	1.00	439422	0.226	Silicified	3%	
173.00	174.00	1.00	439423	0.320	Silicified	3%	
174.00	175.00	1.00	439425	0.300	Silicified	2%	
From	To		Lithologic Group				
175.00	177.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
175.00	176.00	1.00	439426	0.083	Silicified	1%	8% mx, poorly developed
176.00	177.00	1.00	439427	0.306	Silicified		5% mx, poorly developed

From	To	Lithologic Group					
177.00	192.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
177.00	178.00	1.00	439428	0.330	Silicified	1%	
178.00	179.00	1.00	439429	0.261	Silicified	2%	
179.00	180.00	1.00	439431	0.124	Silicified	1%	
180.00	181.00	1.00	439432	0.145	Silicified	3%	30 cm of rubble
181.00	182.00	1.00	439433	0.930	Silicified	2%	
182.00	183.00	1.00	439434	0.527	Silicified	2%	
183.00	184.00	1.00	439435	0.241	Silicified	2%	
184.00	185.00	1.00	439437	0.299	Silicified	2%	
185.00	186.00	1.00	439438	0.235	Silicified	4%	
186.00	187.00	1.00	439439	0.078	Silicified	1%	
187.00	188.00	1.00	439440	0.165	Silicified	6%	5cm mafdk
188.00	189.00	1.00	439441	0.126	Silicified	3%	
189.00	190.00	1.00	439442	0.191	Sericitic alteration	2%	
190.00	191.00	1.00	439443	0.052	Sericitic alteration	3%	
191.00	192.00	1.00	439444	0.036	Silicified	2%	
From	To	Lithologic Group					
192.00	192.90	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
192.00	192.90	0.90	439445	0.018	Chloritic alteration	10%	
From	To	Lithologic Group					
192.90	215.80	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
192.90	194.00	1.10	439446	0.066	Silicified	2%	
194.00	195.00	1.00	439447	0.130	Silicified	1%	
195.00	196.00	1.00	439449	0.099	Silicified	3%	
196.00	197.00	1.00	439451	0.184	Silicified	2%	
197.00	198.00	1.00	439452	0.160	Silicified	5%	
198.00	199.00	1.00	439453	0.081	Silicified	2%	
199.00	200.00	1.00	439454	0.090	Silicified	2%	
200.00	201.00	1.00	439455	0.066	Silicified	1%	
201.00	202.00	1.00	439456	0.175	Silicified	3%	
202.00	203.00	1.00	439457	0.194	Silicified	3%	
203.00	204.00	1.00	439458	0.279	Silicified	15%	
204.00	205.00	1.00	439459	0.084	Silicified	12%	hydrothermal fracturing with cpy min
205.00	206.00	1.00	439461	0.309	Silicified	9%	
206.00	207.00	1.00	439462	0.261	Silicified	4%	
207.00	208.00	1.00	439463	0.067	Silicified	15%	
208.00	209.00	1.00	439464	0.194	Silicified	7%	

209.00	210.00	1.00	439465	0.769	Silicified	2%
210.00	211.00	1.00	439466	0.239	Silicified	1%
211.00	212.00	1.00	439467	1.151	Silicified	3%
212.00	213.00	1.00	439468	0.401	Silicified	4%
213.00	214.00	1.00	439469	0.328	Silicified	2%
214.00	215.00	1.00	439471	0.270	Silicified	2%
215.00	215.80	0.80	439473	0.833	Silicified	2%

From	To	Lithologic Group				
215.80	218.30	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
215.80	217.00	1.20	439474	1.122	Biotitic alteration	4%	
217.00	218.30	1.30	439475	0.104	Biotitic alteration	8%	

From	To	Lithologic Group				
218.30	233.60	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
218.30	219.00	0.70	439476	0.279	Sericitic alteration	1%	
219.00	220.00	1.00	439477	0.440	Sericitic alteration	2%	
220.00	221.00	1.00	439478	0.471	Sericitic alteration	3%	
221.00	222.00	1.00	439479	0.886	Silicified	3%	
222.00	223.00	1.00	439480	0.593	Silicified	2%	
223.00	224.00	1.00	439481	0.161	Silicified	3%	
224.00	225.00	1.00	439482	0.068	Silicified	2%	
225.00	226.00	1.00	439483	0.172	Silicified	3%	
226.00	227.00	1.00	439485	0.686	Silicified	3%	
227.00	228.00	1.00	439486	0.332	Silicified	3%	
228.00	229.00	1.00	439487	0.154	Silicified	2%	
229.00	230.00	1.00	439488	0.425	Silicified	2%	
230.00	231.00	1.00	439489	1.264	Silicified	4%	
231.00	232.00	1.00	439491	0.127	Silicified	3%	spv sil
232.00	233.00	1.00	439492	0.204	Silicified	2%	
233.00	233.60	0.60	439493	0.064	Silicified	3%	

From	To	Lithologic Group				
233.60	235.00	Fault Zone				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
233.60	235.00	1.40	439494	0.267	Silicified	2%	silicified fault breccia in Tonalite

From	To	Lithologic Group				
235.00	263.40	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
235.00	236.00	1.00	439495	0.409	Silicified	2%	
236.00	237.00	1.00	439497	0.526	Silicified	1%	
237.00	238.00	1.00	439498	0.118	Silicified	3%	
238.00	239.00	1.00	439499	0.040	Silicified	4%	

239.00	240.00	1.00	439500	0.129	Silicified	2%
240.00	241.00	1.00	448001	0.051	Silicified	2%
241.00	242.00	1.00	448002	0.071	Silicified	3%
242.00	243.00	1.00	448003	0.062	Silicified	2%
243.00	244.00	1.00	448004	0.117	Silicified	2%
244.00	245.00	1.00	448005	0.189	Silicified	2%
245.00	246.00	1.00	448006	0.788	Silicified	8%
246.00	247.00	1.00	448007	0.147	Silicified	5%
247.00	248.00	1.00	448008	2.840	Silicified	3%
248.00	249.00	1.00	448009	0.126	Silicified	5%
249.00	250.00	1.00	448011	0.141	Silicified	1%
250.00	251.00	1.00	448013	1.042	Silicified	2%
251.00	252.00	1.00	448014	0.232	Silicified	5%
252.00	253.00	1.00	448015	0.256	Silicified	4%
253.00	254.00	1.00	448016	1.970	Silicified	2%
254.00	255.00	1.00	448017	0.110	Silicified	2%
255.00	256.00	1.00	448018	0.186	Silicified	2%
256.00	257.00	1.00	448019	0.249	Silicified	6%
257.00	258.00	1.00	448020	1.327	Silicified	3%
258.00	259.00	1.00	448021	0.153	Silicified	3%
259.00	260.00	1.00	448022	0.227	Silicified	2%
260.00	261.00	1.00	448023	0.971	Silicified	3%
261.00	262.00	1.00	448025	0.098	Silicified	1%
262.00	263.40	1.40	448026	0.319	Silicified	1%

From	To	Lithologic Group				
263.40	264.90	Diabase				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
263.40	264.90	1.50	448027	0.005	Epidote alteration	1%	

From	To	Lithologic Group				
264.90	280.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
264.90	266.00	1.10	448028	0.196	Silicified	1%	
266.00	267.00	1.00	448029	0.343	Silicified	2%	
267.00	268.00	1.00	448031	0.394	Silicified	2%	
268.00	269.00	1.00	448032	0.267	Silicified	4%	5cm patch of hydrothermal matrix with strong cpy+pu min and sil halo
269.00	270.00	1.00	448033	0.320	Silicified	4%	mo along fracture
270.00	271.00	1.00	448034	0.367	Sericitic alteration	3%	
271.00	272.00	1.00	448035	0.370	Silicified	3%	
272.00	273.00	1.00	448037	0.594	Silicified	3%	
273.00	274.00	1.00	448038	0.571	Silicified	3%	mo along fracture
274.00	275.00	1.00	448039	14.000	Silicified	23%	VG in 20cm Q+cpy+py

275.00	276.00	1.00	448041	0.049	Silicified	2%	
276.00	277.00	1.00	448042	0.148	Silicified	4%	
277.00	278.00	1.00	448043	0.052	Silicified	3%	
278.00	279.00	1.00	448044	0.055	Sericitic alteration	2%	
279.00	280.00	1.00	448045	0.194	Silicified	40%	30cm white q+cpy+py of same composition as gold bearing vn at 274.8m

From	To	Lithologic Group					
280.00	281.15	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
280.00	281.15	1.15	448046	0.595	Silicified	1%	25% mx, hdbx with strong cpy+py min in mx

From	To	Lithologic Group					
281.15	309.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
281.15	282.00	0.85	448047	0.795	Silicified	3%	
282.00	283.00	1.00	448049	0.590	Silicified	2%	
283.00	284.00	1.00	448051	0.481	Silicified	3%	
284.00	285.00	1.00	448052	0.083	Silicified	1%	
285.00	286.00	1.00	448053	1.162	Silicified	4%	
286.00	287.00	1.00	448054	0.113	Silicified	2%	
287.00	288.00	1.00	448055	0.188	Silicified	3%	
288.00	289.00	1.00	448056	0.085	Silicified	3%	
289.00	290.00	1.00	448057	0.013	Silicified	2%	
290.00	291.00	1.00	448058	0.195	Silicified	4%	
291.00	292.00	1.00	448059	0.065	Silicified	1%	
292.00	293.00	1.00	448061	0.069	Silicified	2%	
293.00	294.00	1.00	448062	0.121	Silicified	3%	
294.00	294.95	0.95	448063	0.176	Silicified	2%	
294.95	296.00	1.05	448064	0.615	Sericitic alteration	10%	VG (Electrum) or telluride in qz-cpy-py vn, intense sr halo
296.00	297.00	1.00	448066	0.128	Sericitic alteration	2%	
297.00	298.00	1.00	448067	4.960	Sericitic alteration	3%	
298.00	299.00	1.00	448068	0.161	Silicified	5%	
299.00	300.00	1.00	448069	0.516	Silicified	5%	
300.00	301.00	1.00	448071	4.160	Silicified	5%	
301.00	302.00	1.00	448073	0.490	Silicified	3%	
302.00	303.00	1.00	448074	1.407	Silicified	4%	increased albite from 303-306m
303.00	304.00	1.00	448075	0.814	Silicified	3%	
304.00	305.00	1.00	448076	8.160	Silicified	2%	
305.00	306.00	1.00	448077	0.700	Silicified	2%	
306.00	307.00	1.00	448078	0.180	Silicified	3%	
307.00	308.00	1.00	448079	1.073	Silicified	2%	

308.00	309.00	1.00	448080	1.174	Chloritic alteration	2%	
From	To		Lithologic Group				
309.00	310.50		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
309.00	310.50	1.50	448081	0.017	Chloritic alteration	10%	
From	To		Lithologic Group				
310.50	349.90		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
310.50	312.00	1.50	448082	0.336	Silicified	3%	
312.00	312.80	0.80	448083	1.999	Silicified	1%	
312.80	314.15	1.35	448085	1.904	Chloritic alteration	5%	1.35m of clr alt ton, looks like HDBX mx?
314.15	315.00	0.85	448086	0.613	Silicified	1%	
315.00	315.75	0.75	448087	0.057	Silicified	1%	
315.75	317.00	1.25	448088	0.810	Biotitic alteration	5%	3m of bio/clr alt ton with strong cpy, hdbx mx?
317.00	318.00	1.00	448089	0.218	Biotitic alteration	3%	
318.00	318.75	0.75	448091	0.400	Biotitic alteration	1%	
318.75	319.80	1.05	448092	0.197	Silicified	3%	
319.80	321.15	1.35	448093	1.553	Biotitic alteration	5%	
321.15	322.00	0.85	448094	0.822	Silicified	7%	
322.00	323.00	1.00	448095	0.660	Silicified	6%	
323.00	324.00	1.00	448097	1.334	Silicified	6%	
324.00	325.00	1.00	448098	0.631	Silicified	7%	
325.00	326.05	1.05	448099	0.629	Silicified	4%	
326.05	327.00	0.95	448100	0.789	Chloritic alteration	5%	intensely clr alt ton, hdbx matrix?
327.00	327.70	0.70	448101	0.715	Chloritic alteration	6%	
327.70	329.00	1.30	448102	0.480	Silicified	3%	30cm patch of hdbx matrix?
329.00	330.00	1.00	448103	0.545	Sericitic alteration	3%	
330.00	331.00	1.00	448104	0.212	Sericitic alteration	1%	
331.00	332.00	1.00	448105	1.038	Sericitic alteration	3%	
332.00	333.00	1.00	448106	0.597	Silicified	2%	
333.00	334.00	1.00	448107	3.810	Silicified	2%	
334.00	335.00	1.00	448108	0.490	Silicified	3%	
335.00	336.00	1.00	448109	0.200	Silicified	2%	
336.00	337.00	1.00	448111	0.277	Silicified	4%	
337.00	338.00	1.00	448113	0.318	Silicified	4%	
338.00	339.00	1.00	448114	0.265	Silicified	4%	
339.00	340.00	1.00	448115	0.373	Silicified	8%	
340.00	341.00	1.00	448116	0.098	Silicified	4%	
341.00	342.00	1.00	448117	0.090	Silicified	5%	
342.00	343.00	1.00	448118	0.174	Silicified	3%	
343.00	344.00	1.00	448119	0.434	Silicified	3%	VG in 0.5cm qz-bio-cpy vein

344.00	345.00	1.00	448121	1.716	Silicified	2%
345.00	346.00	1.00	448122	0.181	Silicified	4%
346.00	347.00	1.00	448123	0.333	Silicified	2%
347.00	348.00	1.00	448125	0.060	Silicified	2%
348.00	349.00	1.00	448126	0.176	Silicified	2%
349.00	349.90	0.90	448127	0.487	Silicified	5%

From	To	Lithologic Group				
349.90	351.40	Fault Zone				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
349.90	351.40	1.50	448128	1.818	Sericitic alteration	2%	silicified fault breccia, +30cm of rubble

From	To	Lithologic Group				
351.40	379.50	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
351.40	352.00	0.60	448129	0.723	Sericitic alteration	1%	10cm of silicified fault breccia
352.00	353.00	1.00	448131	2.250	Sericitic alteration	5%	small spots of brecciation
353.00	354.00	1.00	448132	2.978	Silicified	3%	
354.00	355.00	1.00	448133	0.419	Silicified	3%	
355.00	356.00	1.00	448134	0.507	Silicified	3%	
356.00	357.00	1.00	448135	3.880	Silicified	2%	
357.00	358.00	1.00	448137	1.530	Silicified	4%	
358.00	359.00	1.00	448138	0.633	Silicified	5%	
359.00	360.00	1.00	448139	0.504	Silicified	3%	
360.00	361.00	1.00	448140	23.400	Silicified	5%	
361.00	362.00	1.00	448141	0.406	Sericitic alteration	5%	
362.00	363.00	1.00	448142	1.049	Silicified	2%	
363.00	364.00	1.00	448143	0.576	Sericitic alteration	3%	
364.00	365.00	1.00	448144	0.251	Silicified	11%	30cm lamp + 10cm lamp
365.00	366.50	1.50	448145	0.348	Silicified	5%	40cm lamp
366.50	367.50	1.00	448146	1.091	Silicified	7%	
367.50	368.50	1.00	448147	1.468	Silicified	4%	
368.50	369.50	1.00	448149	0.164	Silicified	3%	
369.50	370.50	1.00	448151	0.126	Silicified	2%	
370.50	371.50	1.00	448152	0.143	Silicified	3%	
371.50	372.50	1.00	448153	0.371	Silicified	6%	
372.50	373.50	1.00	448154	0.951	Silicified	4%	
373.50	374.50	1.00	448155	0.050	Sericitic alteration	2%	
374.50	375.50	1.00	448156	0.642	Sericitic alteration	5%	
375.50	376.50	1.00	448157	0.403	Sericitic alteration	3%	
376.50	377.50	1.00	448158	0.350	Sericitic alteration	2%	10cm of overprinted breccia
377.50	378.50	1.00	448159	0.173	Silicified	1%	
378.50	379.50	1.00	448161	0.346	Silicified	1%	

From	To	Lithologic Group					
379.50	381.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
379.50	381.00	1.50	448162	0.345	Silicified	4%	sil overprinted hdbx
From	To	Lithologic Group					
381.00	386.50	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
381.00	382.50	1.50	448163	0.108	Silicified	3%	
382.50	383.50	1.00	448164	0.084	Silicified	3%	
383.50	384.50	1.00	448165	0.115	Silicified	2%	
384.50	385.50	1.00	448166	0.136	Silicified	2%	
385.50	386.50	1.00	448167	0.370	Silicified	8%	
From	To	Lithologic Group					
386.50	387.50	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
386.50	387.50	1.00	448168	0.168	Silicified	3%	7% mx
From	To	Lithologic Group					
387.50	393.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
387.50	388.50	1.00	448169	0.056	Sericitic alteration	7%	
388.50	390.00	1.50	448171	0.220	Silicified	5%	
390.00	391.00	1.00	448173	0.159	Silicified	3%	
391.00	392.00	1.00	448174	0.116	Silicified	3%	
392.00	393.00	1.00	448175	0.106	Silicified	2%	
From	To	Lithologic Group					
393.00	397.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
393.00	394.00	1.00	448176	0.054	Silicified	1%	8% mx, larger (~4cm) fragments surrounded by small (<1cm) angular fragments, tightly packed, little matrix, cpy+py min around fragments
394.00	395.00	1.00	448177	0.014	Silicified	2%	20% mx
395.00	396.00	1.00	448178	0.056	Silicified	1%	15% mx
396.00	397.00	1.00	448179	1.165	Silicified	3%	10% mx
From	To	Lithologic Group					
397.00	406.16	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
397.00	398.00	1.00	448180	0.104	Silicified	2%	
398.00	399.00	1.00	448181	0.157	Silicified	4%	
399.00	400.00	1.00	448182	0.456	Silicified	4%	
400.00	401.00	1.00	448183	0.043	Silicified	4%	

401.00	402.00	1.00	448185	0.154	Silicified	2%
402.00	403.00	1.00	448186	0.097	Silicified	2%
403.00	404.00	1.00	448187	0.075	Silicified	3%
404.00	405.00	1.00	448188	0.084	Silicified	2%
405.00	406.16	1.16	448189	0.093	Silicified	3%

From	To	Lithologic Group				
406.16	406.95	Lamprophyre Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
406.16	406.95	0.79	448191	0.005	Biotitic alteration	20%	

From	To	Lithologic Group				
406.95	411.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
406.95	408.00	1.05	448192	0.223	Sericitic alteration	3%	
408.00	409.00	1.00	448193	0.182	Sericitic alteration	2%	
409.00	410.00	1.00	448194	0.104	Silicified	2%	
410.00	411.00	1.00	448195	0.184	Silicified	3%	

From	To	Lithologic Group				
411.00	411.80	Lamprophyre Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
411.00	411.80	0.80	448197	0.092	Biotitic alteration	20%	

From	To	Lithologic Group				
411.80	416.15	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
411.80	413.00	1.20	448198	0.390	Silicified	4%	
413.00	414.00	1.00	448199	0.022	Silicified	1%	
414.00	415.00	1.00	448200	0.017	Silicified	2%	
415.00	416.15	1.15	448201	0.005	Silicified	2%	

From	To	Lithologic Group				
416.15	416.90	Lamprophyre Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
416.15	416.90	0.75	448202	0.005	Biotitic alteration	7%	

From	To	Lithologic Group				
416.90	441.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
416.90	418.00	1.10	448203	0.107	Silicified	2%	
418.00	419.00	1.00	448204	0.056	Silicified	1%	
419.00	420.00	1.00	448205	0.006	Silicified	1%	
420.00	421.00	1.00	448206	0.016	Silicified	1%	
421.00	422.00	1.00	448207	0.046	Silicified	12%	
422.00	423.00	1.00	448208	0.087	Sericitic alteration	15%	
423.00	424.00	1.00	448209	0.055	Sericitic alteration	6%	

424.00	425.00	1.00	448211	0.264	Sericitic alteration	10%	
425.00	426.00	1.00	448213	2.866	Sericitic alteration	25%	very shallow qz+py+cpy vn
426.00	427.50	1.50	448214	0.541	Sericitic alteration	8%	very shallow qz+py+cpy vn
427.50	429.00	1.50	448215	0.057	Silicified	1%	
429.00	430.00	1.00	448216	0.178	Silicified	2%	
430.00	431.00	1.00	448217	0.035	Silicified	3%	
431.00	432.00	1.00	448218	0.130	Silicified	2%	
432.00	433.00	1.00	448219	0.102	Silicified	2%	
433.00	434.00	1.00	448220	0.072	Silicified	4%	
434.00	435.00	1.00	448221	0.279	Silicified	9%	
435.00	436.00	1.00	448222	0.268	Silicified	2%	
436.00	437.00	1.00	448223	0.025	Silicified	2%	
437.00	438.00	1.00	448225	0.166	Silicified	3%	
438.00	439.00	1.00	448226	0.923	Silicified	3%	
439.00	440.00	1.00	448227	0.182	Silicified	2%	
440.00	441.00	1.00	448228	0.035	Sericitic alteration	1%	

DRILL HOLE REPORT

Drill Hole **GOS21-91** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 327.0
 Dip -65.0
 Length 40.5 m
 Started 08-Jul-21
 Completed 09-Jul-21
 Logged 14-Jul-21
 Logged by Brian Tomczuk
 Company
 Contractor Chenier Drilling Services
 Position
 Bore Size BQTK
 Sample Storage Klondike Lodge
 Casing NONE
 Condition

Survey Details:

Claim Number MLO-10658
 Property Chester 234
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Single-shot (unspecified)
 Coord Survey Tool DGPS

Coordinates:

Easting 431064.68
 Northing 5267617.67
 Elevation 382.26

UTM Datum NAD83
 UTM Zone 17

Target
 Comments Hole abandoned due to casing becoming dislodged. No multishot. Tulloch placed buoy

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
12.0	326.52	-65.21		RS	Good						

From	To	Lithologic Group					
0.00	2.53	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	2.53	2.53			Unaltered	0%	
From	To	Lithologic Group					
2.53	7.30	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
2.53	4.00	1.47	442451	0.061	Silicified	2%	ton, light gry, non-mag, mg, equigranular
4.00	5.00	1.00	442452	0.042	Silicified	4%	
5.00	6.00	1.00	442453	0.063	Silicified	2%	
6.00	7.30	1.30	442454	0.021	Silicified	3%	
From	To	Lithologic Group					
7.30	11.60	Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
7.30	8.00	0.70	442455	0.023	Silicified	2%	light gry ton w grn dr mtx, angular to sub-rounded frgs, non-mag; 50% mtx
8.00	9.00	1.00	442456	0.056	Silicified	1%	50% mtx
9.00	10.00	1.00	442457	0.013	Silicified	1%	15% mtx
10.00	11.60	1.60	442458	0.046	Silicified	4%	7% mtx
From	To	Lithologic Group					
11.60	14.30	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
11.60	13.00	1.40	442459	0.021	Chloritic alteration	3%	drk grn, mg, mass, eq, non-mag
13.00	14.30	1.30	442461	0.014	Chloritic alteration	3%	8cm tnlt dike
From	To	Lithologic Group					
14.30	24.38	Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
14.30	15.00	0.70	442462	0.027	Silicified	1%	light gry ton w grn dr mtx, angular to sub-rounded frgs, non-mag; 20% mtx
15.00	16.00	1.00	442463	0.024	Silicified	1%	55% mtx
16.00	17.00	1.00	442464	0.024	Silicified	5%	15% mtx
17.00	18.00	1.00	442465	0.637	Silicified	3%	vn hosted Mo; 20% mtx
18.00	19.00	1.00	442466	0.017	Silicified	2%	20% mtx
19.00	20.00	1.00	442467	0.078	Silicified	1%	30% mtx
20.00	21.00	1.00	442468	0.797	Silicified	3%	7% mtx
21.00	22.00	1.00	442469	0.013	Silicified	2%	10% mtx

22.00	23.00	1.00	442471	0.011	Silicified	1%	20% mtx
23.00	24.38	1.38	442473	0.029	Silicified	4%	25% mtx
From 24.38	To 25.95	Lithologic Group Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
24.38	25.95	1.57	442474	0.038	Chloritic alteration	1%	drk grn, mg, mass, eq, non-mag
From 25.95	To 26.95	Lithologic Group Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
25.95	26.95	1.00	442475	0.115	Silicified	1%	light gry-beige ton w grn dr mtx, angular to sub-rounded frgs, non-mag; 35% mtx
From 26.95	To 27.60	Lithologic Group Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
26.95	27.60	0.65	442476	0.032	Unaltered	0%	fg, drk gry-black w grn ep altd plag phenos, magnetic
From 27.60	To 36.25	Lithologic Group Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
27.60	29.00	1.40	442477	0.070	Silicified	1%	light gry tnlt w drk grn dr mtx; non-mag, angular to rounded frgs; 35% mtx
29.00	30.00	1.00	442478	0.107	Silicified	1%	50% mtx
30.00	31.00	1.00	442479	0.152	Silicified	2%	25% mtx; ton 2 matrix infill
31.00	32.00	1.00	442480	0.276	Silicified	2%	25% mtx
32.00	33.00	1.00	442481	0.046	Silicified	2%	20% mtx
33.00	34.00	1.00	442482	0.578	Silicified	1%	20% mtx
34.00	35.00	1.00	442483	0.111	Silicified	1%	17% mtx
35.00	36.25	1.25	442485	0.078	Silicified	1%	5% mtx
From 36.25	To 37.60	Lithologic Group Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
36.25	37.60	1.35	442486	0.316	Chloritic alteration	2%	vn hosted Mo; mg drk grn, eq, non mag, massive
From 37.60	To 40.50	Lithologic Group Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
37.60	38.50	0.90	442487	0.174	Silicified	1%	light gry-beige ton w grn dr mtx, sub-angular to sub- rounded frgs, non-mag;30% mtx
38.50	39.50	1.00	442488	0.120	Silicified	1%	15% mtx
39.50	40.50	1.00	442489	0.032	Silicified	2%	60% mtx

DRILL HOLE REPORT

Drill Hole **GOS21-92** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 142.0
 Dip -55.0
 Length 528.1 m
 Started 09-Jul-21
 Completed 29-Jul-21
 Logged 30-Jul-21
 Logged by Erik Bobechko
 Company
 Contractor Chenier Drilling
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition

Survey Details:

Claim Number PAT-11127
 Property Chester
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Multi-shot Survey
 Coord Survey Tool GPS

Coordinates:

Easting 431186.14
 Northing 5268006.90
 Elevation 385.13

UTM Datum NAD83
 UTM Zone 17

Target
 Comments Logged by Erik Bobechko from 0-71m
 BT Log at 71-

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
3.0	141.62	-55.80		RM	Good	28.5	140.08	-55.76		RM	Good
6.0	141.10	-55.86		RM	Good	31.5	140.22	-55.72		RM	Good
9.0	141.09	-55.82		RM	Good	33.0	140.04	-55.91		RM	Good
12.0	140.72	-55.82		RM	Good	34.5	139.98	-55.36		RM	Good
15.0	140.95	-55.85		RM	Good	37.5	140.67	-55.60		RM	Good
18.0	140.72	-55.82		RM	Good	39.0	139.80	-55.78		RM	Good
19.5	139.75	-55.76		RM	Good	40.5	140.35	-55.51		RM	Good
21.0	139.90	-55.88		RM	Good	42.0	140.27	-55.71		RM	Good
25.5	140.16	-55.78		RM	Good	43.5	141.00	-55.53		RM	Good
27.0	139.63	-55.87		RM	Good	46.5	140.86	-55.54		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
48.0	140.13	-55.58		RM	Good
49.5	141.17	-55.51		RM	Good
54.0	140.15	-55.57		RM	Good
55.5	140.35	-55.53		RM	Good
57.0	140.11	-55.57		RM	Good
58.5	141.06	-55.51		RM	Good
60.0	140.15	-55.53		RM	Good
61.5	140.99	-55.45		RM	Good
63.0	140.18	-55.52		RM	Good
64.5	140.86	-55.48		RM	Good
66.0	140.55	-55.55		RM	Good
67.5	140.99	-55.45		RM	Good
69.0	140.25	-55.50		RM	Good
72.0	139.81	-55.44		RM	Good
73.5	140.71	-55.45		RM	Good
75.0	140.54	-55.48		RM	Good
76.5	140.97	-55.40		RM	Good
78.0	140.69	-55.42		RM	Good
79.5	141.06	-55.41		RM	Good
81.0	140.58	-55.44		RM	Good
84.0	140.46	-55.38		RM	Good
87.0	138.96	-55.40		RM	Good
90.0	140.54	-55.36		RM	Good
91.5	141.28	-55.31		RM	Good
93.0	140.41	-55.38		RM	Good
94.5	141.32	-55.30		RM	Good
96.0	140.37	-55.32		RM	Good
97.5	141.01	-55.27		RM	Good
99.0	140.45	-55.30		RM	Good
102.0	140.04	-55.24		RM	Good
105.0	140.30	-55.21		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
108.0	141.05	-55.19		RM	Good
114.0	141.33	-55.15		RM	Good
115.5	141.84	-54.95		RM	Good
118.5	142.01	-54.85		RM	Good
121.5	142.33	-54.84		RM	Good
124.5	142.47	-54.83		RM	Good
126.0	141.44	-54.98		RM	Good
127.5	142.20	-54.69		RM	Good
130.5	142.14	-54.64		RM	Good
132.0	141.54	-54.90		RM	Good
133.5	142.21	-54.63		RM	Good
135.0	141.70	-54.86		RM	Good
136.5	142.36	-54.60		RM	Good
138.0	141.87	-54.80		RM	Good
139.5	142.65	-54.58		RM	Good
141.0	142.47	-54.74		RM	Good
142.5	142.41	-54.52		RM	Good
145.5	142.61	-54.56		RM	Good
147.0	142.59	-54.67		RM	Good
148.5	142.53	-54.49		RM	Good
150.0	142.64	-54.59		RM	Good
151.5	142.62	-54.50		RM	Good
153.0	142.44	-54.53		RM	Good
154.5	142.74	-54.49		RM	Good
156.0	142.85	-54.50		RM	Good
159.0	142.55	-54.46		RM	Good
160.5	142.65	-54.44		RM	Good
162.0	142.99	-54.46		RM	Good
163.5	142.88	-54.37		RM	Good
165.0	142.99	-54.46		RM	Good
166.5	142.54	-54.41		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
168.0	142.69	-54.40		RM	Good
169.5	142.93	-54.39		RM	Good
172.5	143.27	-54.30		RM	Good
174.0	143.29	-54.39		RM	Good
175.5	143.48	-54.35		RM	Good
177.0	143.39	-54.37		RM	Good
178.5	143.56	-54.33		RM	Good
180.0	143.22	-54.36		RM	Good
181.5	143.42	-54.25		RM	Good
183.0	143.40	-54.33		RM	Good
184.5	143.59	-54.25		RM	Good
186.0	143.28	-54.30		RM	Good
187.5	143.66	-54.23		RM	Good
189.0	143.60	-54.31		RM	Good
190.5	143.65	-54.18		RM	Good
192.0	143.78	-54.31		RM	Good
193.5	143.84	-54.17		RM	Good
195.0	143.74	-54.29		RM	Good
196.5	143.74	-54.15		RM	Good
198.0	143.70	-54.22		RM	Good
199.5	143.80	-54.10		RM	Good
201.0	143.92	-54.20		RM	Good
202.5	143.67	-54.15		RM	Good
204.0	143.96	-54.18		RM	Good
205.5	144.02	-54.14		RM	Good
207.0	144.07	-54.14		RM	Good
208.5	143.98	-54.11		RM	Good
210.0	144.05	-54.11		RM	Good
211.5	144.19	-54.08		RM	Good
213.0	144.45	-54.11		RM	Good
214.5	144.13	-54.11		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
216.0	144.58	-54.13		RM	Good
217.5	144.17	-54.13		RM	Good
219.0	144.56	-54.10		RM	Good
220.5	144.29	-54.09		RM	Good
222.0	144.46	-54.06		RM	Good
223.5	144.39	-54.08		RM	Good
225.0	144.31	-54.07		RM	Good
226.5	144.63	-54.07		RM	Good
228.0	144.72	-54.05		RM	Good
229.5	144.89	-54.06		RM	Good
231.0	144.54	-54.03		RM	Good
232.5	145.18	-54.04		RM	Good
234.0	144.60	-54.03		RM	Good
235.5	144.83	-54.00		RM	Good
237.0	145.90	-54.04		RM	Good
238.5	144.91	-53.96		RM	Good
240.0	145.21	-54.00		RM	Good
241.5	144.94	-53.91		RM	Good
243.0	145.13	-53.95		RM	Good
244.5	145.13	-53.95		RM	Good
246.0	145.24	-53.87		RM	Good
247.5	145.19	-53.90		RM	Good
249.0	145.18	-53.88		RM	Good
250.5	145.10	-53.90		RM	Good
252.0	145.00	-53.81		RM	Good
253.5	145.18	-53.83		RM	Good
255.0	145.36	-53.79		RM	Good
256.5	145.18	-53.78		RM	Good
258.0	144.89	-53.38		RM	Good
259.5	145.40	-53.78		RM	Good
261.0	145.31	-53.72		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
262.5	145.44	-53.68		RM	Good
264.0	145.60	-53.65		RM	Good
265.5	145.73	-53.73		RM	Good
267.0	145.74	-53.62		RM	Good
268.5	145.80	-53.78		RM	Good
270.0	145.83	-53.69		RM	Good
271.5	145.92	-53.77		RM	Good
273.0	146.10	-53.67		RM	Good
274.5	145.94	-53.71		RM	Good
276.0	146.41	-53.68		RM	Good
277.5	146.12	-53.71		RM	Good
279.0	146.34	-53.63		RM	Good
280.5	146.20	-53.67		RM	Good
282.0	146.43	-53.60		RM	Good
283.5	146.31	-53.64		RM	Good
285.0	146.48	-53.62		RM	Good
286.5	146.33	-53.63		RM	Good
288.0	146.77	-53.54		RM	Good
289.5	146.42	-53.59		RM	Good
291.0	146.75	-53.52		RM	Good
292.5	146.42	-53.61		RM	Good
294.0	146.14	-53.51		RM	Good
295.5	146.67	-53.58		RM	Good
297.0	146.52	-53.49		RM	Good
298.5	146.83	-53.52		RM	Good
300.0	146.99	-53.51		RM	Good
303.0	146.78	-53.46		RM	Good
304.5	146.61	-53.41		RM	Good
307.5	146.60	-53.37		RM	Good
309.0	146.84	-53.33		RM	Good
312.0	146.54	-53.25		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
313.5	147.03	-53.33		RM	Good
316.5	147.34	-53.26		RM	Good
318.0	146.74	-53.20		RM	Good
319.5	147.26	-53.20		RM	Good
321.0	147.77	-53.20		RM	Good
322.5	147.49	-53.26		RM	Good
324.0	148.13	-53.14		RM	Good
327.0	147.40	-53.15		RM	Good
328.5	146.59	-53.23		RM	Good
330.0	147.48	-53.15		RM	Good
331.5	147.06	-53.21		RM	Good
333.0	146.92	-53.14		RM	Good
334.5	146.51	-53.22		RM	Good
336.0	147.17	-53.12		RM	Good
337.5	147.54	-53.20		RM	Good
339.0	146.83	-53.09		RM	Good
340.5	147.87	-53.22		RM	Good
343.5	147.68	-53.18		RM	Good
345.0	147.24	-53.09		RM	Good
346.5	146.90	-53.15		RM	Good
348.0	147.42	-53.10		RM	Good
349.5	147.76	-53.14		RM	Good
351.0	148.10	-52.95		RM	Good
352.5	148.16	-53.10		RM	Good
354.0	147.48	-53.03		RM	Good
355.5	147.79	-53.10		RM	Good
357.0	147.76	-53.04		RM	Good
358.5	147.57	-53.02		RM	Good
360.0	148.20	-53.01		RM	Good
361.5	148.03	-52.99		RM	Good
363.0	147.73	-52.99		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
364.5	147.55	-52.99		RM	Good
366.0	147.53	-52.91		RM	Good
369.0	147.82	-52.87		RM	Good
370.5	147.80	-52.88		RM	Good
372.0	147.34	-52.86		RM	Good
373.5	147.73	-52.87		RM	Good
376.5	147.45	-52.85		RM	Good
378.0	147.58	-52.78		RM	Good
379.5	147.18	-52.79		RM	Good
381.0	147.31	-52.77		RM	Good
382.5	146.99	-52.75		RM	Good
384.0	147.10	-52.73		RM	Good
385.5	148.14	-52.70		RM	Good
387.0	147.35	-52.65		RM	Good
388.5	147.27	-52.64		RM	Good
390.0	147.99	-52.65		RM	Good
391.5	148.01	-52.63		RM	Good
393.0	147.92	-52.64		RM	Good
394.5	148.00	-52.57		RM	Good
396.0	147.42	-52.59		RM	Good
399.0	147.85	-52.53		RM	Good
400.5	148.25	-52.51		RM	Good
402.0	148.20	-52.51		RM	Good
403.5	147.86	-52.49		RM	Good
405.0	148.57	-52.46		RM	Good
406.5	147.74	-52.45		RM	Good
408.0	148.19	-52.45		RM	Good
409.5	147.67	-52.39		RM	Good
411.0	147.74	-52.43		RM	Good
412.5	147.42	-52.38		RM	Good
414.0	147.60	-52.41		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
415.5	147.44	-52.35		RM	Good
417.0	147.58	-52.38		RM	Good
420.0	147.33	-52.31		RM	Good
421.5	146.72	-52.33		RM	Good
423.0	147.47	-52.31		RM	Good
424.5	147.85	-52.28		RM	Good
427.5	148.36	-52.26		RM	Good
430.5	148.53	-52.23		RM	Good
433.5	148.88	-52.15		RM	Good
435.0	149.42	-52.21		RM	Good
436.5	149.38	-52.10		RM	Good
438.0	148.32	-52.13		RM	Good
439.5	148.69	-52.06		RM	Good
442.5	148.68	-52.03		RM	Good
444.0	148.22	-51.99		RM	Good
447.0	148.23	-51.96		RM	Good
450.0	148.22	-51.94		RM	Good
453.0	148.48	-51.94		RM	Good
456.0	147.55	-51.89		RM	Good
459.0	148.61	-51.85		RM	Good
462.0	149.18	-51.83		RM	Good
465.0	148.88	-51.75		RM	Good
468.0	149.07	-51.72		RM	Good
471.0	149.27	-51.64		RM	Good
474.0	149.55	-51.60		RM	Good
477.0	149.48	-51.56		RM	Good
480.0	149.42	-51.58		RM	Good
483.0	149.58	-51.64		RM	Good
486.0	149.67	-51.65		RM	Good
489.0	149.85	-51.63		RM	Good
492.0	149.88	-51.62		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
495.0	150.07	-51.60		RM	Good
498.0	150.43	-51.56		RM	Good
501.0	150.51	-51.55		RM	Good
504.0	150.70	-51.50		RM	Good
507.0	150.85	-51.50		RM	Good
510.0	150.00	-51.47		RM	Good
513.0	150.66	-51.48		RM	Good
516.0	151.07	-51.47		RM	Good
519.0	151.13	-51.42		RM	Good
522.0	151.07	-51.33		RM	Good
525.0	151.29	-51.40		RM	Good
528.0	151.40	-51.30		RM	Good

Distance Azimuth Dip Magnetic Field Tool Confidence

From 0.00	To 1.90	Lithologic Group Overburden					
From 1.90	To 201.45	Lithologic Group Tonalite					
From 0.00	To 1.90	Interval 1.90	Sample	Au g/t	Alteration Unaltered	%Veining 0%	Comments Overburden
1.90	3.00	1.10	448229	0.018	Silicified	1%	light grey, medium grained, porphyritic, non-magnetic
3.00	4.00	1.00	448231	0.030	Silicified	1%	
4.00	5.00	1.00	448232	0.005	Silicified	1%	
5.00	6.00	1.00	448233	0.005	Silicified	1%	
6.00	7.00	1.00	448234	0.005	Silicified	1%	
7.00	8.00	1.00	448235	0.027	Silicified	1%	
8.00	9.00	1.00	448237	0.014	Silicified	1%	
9.00	10.00	1.00	448238	0.005	Silicified	1%	
10.00	11.00	1.00	448239	0.008	Silicified	1%	
11.00	12.00	1.00	448240	0.005	Silicified	1%	
12.00	13.00	1.00	448241	0.005	Silicified	1%	
13.00	14.00	1.00	448242	0.016	Silicified	1%	
14.00	15.00	1.00	448243	0.007	Silicified	2%	
15.00	16.00	1.00	448244	0.009	Silicified	1%	
16.00	17.00	1.00	448245	0.023	Silicified	3%	
17.00	18.00	1.00	448246	0.017	Silicified	2%	
18.00	19.00	1.00	448247	0.007	Silicified	4%	
19.00	20.00	1.00	448249	0.008	Silicified	1%	
20.00	21.00	1.00	448251	0.017	Silicified	1%	
21.00	22.00	1.00	448252	0.076	Silicified	2%	
22.00	23.00	1.00	448253	0.050	Silicified	3%	
23.00	24.00	1.00	448254	0.047	Silicified	4%	
24.00	25.00	1.00	448255	0.027	Silicified	3%	
25.00	26.00	1.00	448256	0.015	Silicified	1%	
26.00	27.00	1.00	448257	0.005	Silicified	1%	
27.00	28.00	1.00	448258	0.005	Silicified	1%	
28.00	29.00	1.00	448259	0.005	Silicified	1%	
29.00	30.00	1.00	448261	0.005	Silicified	2%	
30.00	31.00	1.00	448262	0.005	Silicified	2%	very broken core
31.00	32.00	1.00	448263	0.005	Silicified	2%	
32.00	33.00	1.00	448264	0.008	Silicified	3%	

33.00	34.00	1.00	448265	0.014	Silicified	13%	
34.00	35.00	1.00	448266	0.066	Silicified	2%	
35.00	36.00	1.00	448267	0.049	Silicified	2%	
36.00	37.00	1.00	448268	0.045	Silicified	2%	
37.00	38.00	1.00	448269	0.018	Silicified	3%	
38.00	39.00	1.00	448271	0.047	Silicified	4%	
39.00	40.00	1.00	448273	0.028	Silicified	2%	
40.00	41.00	1.00	448274	0.005	Silicified	2%	
41.00	42.00	1.00	448275	0.006	Silicified	4%	
42.00	43.00	1.00	448276	0.005	Silicified	6%	
43.00	44.00	1.00	448277	0.010	Silicified	3%	
44.00	45.00	1.00	448278	0.009	Silicified	1%	
45.00	46.00	1.00	448279	0.019	Silicified	3%	
46.00	47.00	1.00	448280	0.010	Silicified	2%	
47.00	48.00	1.00	448281	0.020	Silicified	3%	
48.00	49.00	1.00	448282	0.007	Silicified	3%	
49.00	50.00	1.00	448283	0.008	Silicified	2%	
50.00	51.00	1.00	448285	0.051	Silicified	2%	
51.00	51.95	0.95	448286	0.039	Sericitic alteration	6%	Sheared, finer grained ton
51.95	53.00	1.05	448287	0.061	Silicified	2%	
53.00	54.00	1.00	448288	0.005	Silicified	2%	
54.00	55.00	1.00	448289	0.005	Silicified	3%	30cm of very intense sil-ser alt
55.00	56.00	1.00	448291	0.005	Sericitic alteration	4%	
56.00	57.00	1.00	448292	0.094	Silicified	5%	
57.00	58.00	1.00	448293	0.005	Silicified	6%	
58.00	59.00	1.00	448294	0.023	Silicified	2%	
59.00	60.00	1.00	448295	0.005	Silicified	7%	
60.00	61.00	1.00	448297	0.005	Silicified	2%	
61.00	62.00	1.00	448298	0.006	Sericitic alteration	2%	
62.00	63.00	1.00	448299	0.007	Sericitic alteration	4%	
63.00	64.00	1.00	448300	0.366	Sericitic alteration	6%	intense/abrupt alteration fronts make some sections look brecciated
64.00	65.00	1.00	448301	0.120	Sericitic alteration	2%	
65.00	66.00	1.00	448302	0.075	Sericitic alteration	6%	
66.00	67.00	1.00	448303	0.005	Sericitic alteration	11%	
67.00	68.00	1.00	448304	0.759	Silicified	10%	
68.00	69.00	1.00	448305	0.349	Silicified	6%	1cm py "blobs" along fol
69.00	70.00	1.00	448306	0.085	Silicified	5%	
70.00	71.00	1.00	448307	0.187	Silicified	3%	
71.00	72.00	1.00	448308	0.171	Sericitic alteration	4%	
72.00	73.20	1.20	448309	1.428	Sericitic alteration	3%	
73.20	74.00	0.80	448311	0.080	Sericitic alteration	30%	

74.00	75.00	1.00	448313	0.076	Sericitic alteration	6%	
75.00	76.00	1.00	448314	0.038	Sericitic alteration	4%	
76.00	77.00	1.00	448315	0.042	Sericitic alteration	3%	
77.00	78.00	1.00	448316	0.015	Sericitic alteration	4%	
78.00	79.00	1.00	448317	0.184	Sericitic alteration	3%	
79.00	80.00	1.00	448318	0.023	Sericitic alteration	4%	
80.00	81.00	1.00	448319	0.233	Sericitic alteration	4%	
81.00	82.00	1.00	448320	0.261	Sericitic alteration	3%	
82.00	83.00	1.00	448321	1.479	Sericitic alteration	5%	
83.00	84.00	1.00	448322	0.086	Sericitic alteration	4%	
84.00	85.00	1.00	448323	0.059	Sericitic alteration	5%	
85.00	86.00	1.00	448325	0.048	Silicified	5%	
86.00	87.00	1.00	448326	0.057	Sericitic alteration	4%	
87.00	88.00	1.00	448327	0.071	Sericitic alteration	3%	
88.00	89.00	1.00	448328	0.108	Sericitic alteration	5%	
89.00	90.00	1.00	448329	0.083	Sericitic alteration	6%	
90.00	91.00	1.00	448331	0.044	Sericitic alteration	8%	
91.00	92.00	1.00	448332	0.115	Sericitic alteration	2%	
92.00	93.00	1.00	448333	0.074	Sericitic alteration	4%	
93.00	94.00	1.00	448334	0.070	Sericitic alteration	1%	
94.00	95.47	1.47	448335	0.153	Silicified	5%	
95.47	96.60	1.13	448337	0.042	Sericitic alteration	95%	mass qtz-cb-chl vn
96.60	98.00	1.40	448338	0.023	Sericitic alteration	2%	
98.00	99.00	1.00	448339	0.022	Sericitic alteration	2%	
99.00	100.00	1.00	448340	0.016	Sericitic alteration	3%	
100.00	101.00	1.00	448341	0.031	Sericitic alteration	1%	
101.00	102.00	1.00	448342	0.022	Sericitic alteration	2%	
102.00	103.00	1.00	448343	0.018	Sericitic alteration	3%	
103.00	104.00	1.00	448344	0.066	Sericitic alteration	2%	
104.00	105.00	1.00	448345	0.026	Sericitic alteration	4%	
105.00	106.00	1.00	448346	0.153	Sericitic alteration	5%	nice smokey qtz-cb-chl-asp-po- py vn w intense ser altn halo
106.00	107.00	1.00	448347	0.046	Sericitic alteration	1%	
107.00	108.00	1.00	448349	0.095	Sericitic alteration	2%	
108.00	109.00	1.00	448351	0.038	Silicified	1%	
109.00	110.00	1.00	448352	0.030	Silicified	1%	
110.00	111.00	1.00	448353	0.048	Silicified	1%	
111.00	112.00	1.00	448354	0.667	Sericitic alteration	1%	
112.00	113.00	1.00	448355	0.050	Sericitic alteration	1%	
113.00	114.00	1.00	448356	0.083	Sericitic alteration	2%	
114.00	115.00	1.00	448357	0.054	Sericitic alteration	1%	
115.00	116.00	1.00	448358	0.079	Sericitic alteration	1%	
116.00	117.00	1.00	448359	0.054	Sericitic alteration	1%	

117.00	118.00	1.00	448361	0.036	Sericitic alteration	7%
118.00	119.00	1.00	448362	0.157	Sericitic alteration	1%
119.00	120.00	1.00	448363	0.018	Sericitic alteration	1%
120.00	121.00	1.00	448364	0.022	Sericitic alteration	4%
121.00	122.00	1.00	448365	0.017	Sericitic alteration	3%
122.00	123.00	1.00	448366	0.046	Sericitic alteration	1%
123.00	124.00	1.00	448367	0.052	Sericitic alteration	2%
124.00	125.00	1.00	448368	0.049	Sericitic alteration	5%
125.00	126.00	1.00	448369	0.064	Silicified	2%
126.00	127.00	1.00	448371	0.047	Sericitic alteration	2%
127.00	128.00	1.00	448373	0.089	Sericitic alteration	1%
128.00	129.00	1.00	448374	0.312	Sericitic alteration	1%
129.00	130.00	1.00	448375	0.060	Silicified	2%
130.00	131.00	1.00	448376	0.160	Sericitic alteration	2%
131.00	132.00	1.00	448377	0.122	Sericitic alteration	2%
132.00	133.00	1.00	448378	0.069	Sericitic alteration	1%
133.00	134.00	1.00	448379	0.108	Sericitic alteration	2%
134.00	135.00	1.00	448380	0.074	Sericitic alteration	1%
135.00	136.00	1.00	448381	0.286	Sericitic alteration	5%
136.00	137.00	1.00	448382	0.151	Sericitic alteration	3%
137.00	138.00	1.00	448383	0.112	Sericitic alteration	2%
138.00	139.00	1.00	448385	0.155	Sericitic alteration	2%
139.00	140.00	1.00	448386	0.052	Sericitic alteration	2%
140.00	141.00	1.00	448387	0.053	Sericitic alteration	2%
141.00	142.00	1.00	448388	0.019	Sericitic alteration	1%
142.00	143.00	1.00	448389	0.036	Sericitic alteration	2%
143.00	144.00	1.00	448391	0.141	Sericitic alteration	1%
144.00	145.00	1.00	448392	0.068	Sericitic alteration	2%
145.00	146.00	1.00	448393	0.136	Sericitic alteration	2%
146.00	147.00	1.00	448394	0.128	Sericitic alteration	4%
147.00	148.00	1.00	448395	0.061	Sericitic alteration	2%
148.00	149.00	1.00	448397	0.086	Sericitic alteration	1%
149.00	150.00	1.00	448398	0.058	Sericitic alteration	1%
150.00	151.00	1.00	448399	0.006	Silicified	3%
151.00	152.00	1.00	448400	0.085	Silicified	1%
152.00	153.00	1.00	448401	0.186	Sericitic alteration	5%
153.00	154.00	1.00	448402	0.140	Sericitic alteration	1%
154.00	155.00	1.00	448403	0.059	Sericitic alteration	1%
155.00	156.00	1.00	448404	0.126	Sericitic alteration	2%
156.00	157.00	1.00	448405	0.047	Sericitic alteration	1%
157.00	158.00	1.00	448406	0.105	Sericitic alteration	2%
158.00	159.00	1.00	448407	0.175	Sericitic alteration	2%

159.00	160.00	1.00	448408	0.053	Silicified	5%	
160.00	161.00	1.00	448409	0.123	Sericitic alteration	2%	
161.00	162.00	1.00	448411	0.124	Sericitic alteration	2%	
162.00	163.00	1.00	448413	0.009	Sericitic alteration	2%	
163.00	164.00	1.00	448414	0.228	Sericitic alteration	3%	Caitlin started logging
164.00	165.00	1.00	448415	0.033	Sericitic alteration	3%	
165.00	166.00	1.00	448416	0.046	Sericitic alteration	2%	
166.00	167.00	1.00	448417	0.045	Sericitic alteration	1%	
167.00	168.00	1.00	448418	0.010	Sericitic alteration	2%	
168.00	169.00	1.00	448419	0.005	Sericitic alteration	1%	
169.00	170.00	1.00	448420	0.031	Sericitic alteration	7%	
170.00	171.00	1.00	448421	0.034	Sericitic alteration	3%	
171.00	172.00	1.00	448422	0.007	Sericitic alteration	1%	
172.00	173.00	1.00	448423	0.101	Sericitic alteration	1%	
173.00	174.35	1.35	448425	0.012	Sericitic alteration	1%	
174.35	175.10	0.75	448426	0.075	Sericitic alteration	2%	
175.10	176.00	0.90	448427	0.054	Sericitic alteration	2%	
176.00	177.00	1.00	448428	0.008	Sericitic alteration	6%	
177.00	178.00	1.00	448429	0.022	Sericitic alteration	1%	
178.00	179.00	1.00	448431	0.249	Sericitic alteration	1%	
179.00	180.00	1.00	448432	0.091	Sericitic alteration	1%	
180.00	181.00	1.00	448433	0.102	Sericitic alteration	2%	
181.00	182.00	1.00	448434	0.033	Sericitic alteration	2%	
182.00	183.00	1.00	448435	0.608	Sericitic alteration	1%	
183.00	184.00	1.00	448437	0.113	Sericitic alteration	2%	
184.00	185.00	1.00	448438	0.103	Sericitic alteration	1%	
185.00	186.00	1.00	448439	0.110	Sericitic alteration	1%	
186.00	187.00	1.00	448440	0.077	Sericitic alteration	1%	
187.00	188.00	1.00	448441	0.093	Sericitic alteration	1%	
188.00	189.00	1.00	448442	0.199	Sericitic alteration	2%	
189.00	190.00	1.00	448443	0.040	Sericitic alteration	1%	
190.00	191.00	1.00	448444	0.093	Sericitic alteration	1%	
191.00	192.00	1.00	448445	0.284	Sericitic alteration	1%	
192.00	193.00	1.00	448446	0.006	Sericitic alteration	1%	
193.00	194.00	1.00	448447	0.065	Sericitic alteration	1%	
194.00	195.00	1.00	448449	0.151	Sericitic alteration	13%	
195.00	196.00	1.00	448451	0.188	Sericitic alteration	1%	
196.00	197.00	1.00	448452	0.037	Sericitic alteration	1%	
197.00	198.00	1.00	448453	0.034	Sericitic alteration	1%	
198.00	199.00	1.00	448454	0.048	Sericitic alteration	1%	
199.00	200.00	1.00	448455	0.025	Sericitic alteration	2%	
200.00	201.45	1.45	448456	0.031	Sericitic alteration	2%	

From	To	Lithologic Group					
201.45	203.40	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
201.45	202.40	0.95	448457	0.005	Chloritic alteration	5%	
202.40	203.40	1.00	448458	0.005	Chloritic alteration	5%	
From	To	Lithologic Group					
203.40	216.20	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
203.40	204.00	0.60	448459	0.022	Sericitic alteration	5%	
204.00	205.00	1.00	448461	0.150	Sericitic alteration	1%	
205.00	205.60	0.60	448462	0.026	Sericitic alteration	5%	
205.60	207.00	1.40	448463	0.013	Sericitic alteration	3%	
207.00	208.00	1.00	448464	0.035	Sericitic alteration	2%	
208.00	209.00	1.00	448465	0.035	Sericitic alteration	3%	15 cm MafDk
209.00	210.10	1.10	448466	0.032	Sericitic alteration	2%	
210.10	211.00	0.90	448467	0.023	Sericitic alteration	1%	
211.00	212.00	1.00	448468	0.043	Sericitic alteration	2%	
212.00	213.00	1.00	448469	0.026	Sericitic alteration	1%	
213.00	214.00	1.00	448471	0.021	Sericitic alteration	2%	
214.00	215.00	1.00	448473	0.028	Sericitic alteration	3%	
215.00	216.20	1.20	448474	0.011	Sericitic alteration	5%	
From	To	Lithologic Group					
216.20	223.70	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
216.20	217.00	0.80	448475	0.013	Chloritic alteration	10%	
217.00	218.00	1.00	448476	0.017	Chloritic alteration	3%	
218.00	219.00	1.00	448477	0.011	Chloritic alteration	3%	
219.00	220.00	1.00	448478	0.007	Chloritic alteration	5%	
220.00	221.00	1.00	448479	0.010	Chloritic alteration	2%	
221.00	222.00	1.00	448480	0.007	Chloritic alteration	5%	
222.00	223.00	1.00	448481	0.010	Chloritic alteration	5%	
223.00	223.70	0.70	448482	0.018	Chloritic alteration	5%	
From	To	Lithologic Group					
223.70	234.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
223.70	225.00	1.30	448483	0.116	Silicified	3%	
225.00	226.00	1.00	448485	0.142	Silicified	1%	
226.00	227.00	1.00	448486	0.368	Sericitic alteration	13%	
227.00	228.00	1.00	448487	0.588	Silicified	5%	
228.00	229.00	1.00	448488	0.231	Silicified	1%	
229.00	230.00	1.00	448489	0.218	Silicified	5%	
230.00	231.00	1.00	448491	0.465	Silicified	2%	

231.00	232.00	1.00	448492	0.276	Silicified	2%	
232.00	233.10	1.10	448493	0.344	Silicified	2%	
233.10	234.00	0.90	448494	0.515	Sericitic alteration	20%	
From 234.00	To 235.00		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
234.00	235.00	1.00	448495	0.143	Sericitic alteration	10%	1% matrix
From 235.00	To 235.90		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
235.00	235.90	0.90	448497	0.427	Sericitic alteration	3%	
From 235.90	To 238.50		Lithologic Group Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
235.90	237.00	1.10	448498	0.170	Silicified	3%	
237.00	238.50	1.50	448499	0.691	Silicified	1%	
From 238.50	To 239.25		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
238.50	239.25	0.75	448500	0.119	Silicified	1%	1% matrix
From 239.25	To 240.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
239.25	240.00	0.75	448501	0.809	Silicified	1%	
From 240.00	To 255.50		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
240.00	241.00	1.00	448502	2.451	Silicified	1%	10% matrix
241.00	242.00	1.00	448503	0.513	Silicified	5%	3% matrix
242.00	243.00	1.00	448504	0.838	Silicified	3%	3% matrix
243.00	244.00	1.00	448505	0.682	Silicified	1%	10% matrix
244.00	245.00	1.00	448506	0.366	Silicified	1%	3% matrix
245.00	246.00	1.00	448507	0.131	Silicified	5%	7% matrix
246.00	247.00	1.00	448508	0.449	Silicified	1%	3% matrix
247.00	248.00	1.00	448509	2.480	Silicified	2%	5% matrix
248.00	249.00	1.00	448511	0.754	Silicified	2%	3% matrix
249.00	250.00	1.00	448513	2.170	Silicified	1%	5% matrix
250.00	251.20	1.20	448514	4.660	Silicified	10%	7% matrix; 25 cm MafDk
251.20	252.00	0.80	448515	0.408	Silicified	3%	3% matrix
252.00	253.00	1.00	448516	0.751	Silicified	1%	15% matrix
253.00	254.00	1.00	448517	0.266	Silicified	1%	7% matrix

254.00	255.00	1.00	448518	0.472	Silicified	1%	10% matrix
255.00	255.50	0.50	448519	0.305	Silicified	10%	10% matrix
From	To	Lithologic Group					
255.50	257.60	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
255.50	256.00	0.50	448520	25.100	Silicified	10%	
256.00	257.00	1.00	448521	0.257	Silicified	3%	
257.00	257.60	0.60	448522	0.253	Silicified	1%	17 cm LamDk
From	To	Lithologic Group					
257.60	258.10	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
257.60	258.10	0.50	448523	3.610	Silicified	10%	
From	To	Lithologic Group					
258.10	279.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
258.10	259.00	0.90	448525	0.239	Silicified	5%	5% matrix
259.00	260.00	1.00	448526	0.764	Silicified	1%	3% matrix
260.00	261.00	1.00	448527	0.648	Silicified	1%	20% matrix
261.00	262.00	1.00	448528	0.501	Silicified	1%	1% matrix
262.00	263.00	1.00	448529	0.952	Silicified	1%	5% matrix
263.00	264.00	1.00	448531	2.004	Silicified	2%	5% matrix
264.00	264.90	0.90	448532	10.400	Silicified	1%	20% matrix
264.90	266.00	1.10	448533	0.421	Silicified	8%	3% matrix
266.00	267.00	1.00	448534	27.000	Silicified	3%	1% matrix
267.00	268.00	1.00	448535	6.660	Silicified	1%	10% matrix
268.00	269.00	1.00	448537	0.603	Silicified	6%	10% matrix
269.00	270.00	1.00	448538	0.791	Silicified	1%	20% matrix
270.00	271.00	1.00	448539	0.263	Silicified	1%	10% matrix
271.00	272.00	1.00	448540	0.419	Silicified	1%	5% matrix
272.00	273.00	1.00	448541	0.569	Silicified	1%	10% matrix
273.00	274.00	1.00	448542	0.940	Silicified	1%	3% matrix
274.00	275.00	1.00	448543	0.595	Silicified	3%	3% matrix
275.00	276.00	1.00	448544	0.429	Silicified	1%	7% matrix
276.00	277.00	1.00	448545	0.169	Silicified	1%	1% matrix
277.00	278.00	1.00	448546	0.841	Silicified	1%	15% matrix
278.00	279.00	1.00	448547	0.331	Silicified	10%	7% matrix
From	To	Lithologic Group					
279.00	279.80	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
279.00	279.80	0.80	448549	0.377	Sericitic alteration	2%	

From	To	Lithologic Group					
279.80	280.40	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
279.80	280.40	0.60	448551	0.019	Biotitic alteration	3%	
From	To	Lithologic Group					
280.40	284.70	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
280.40	281.00	0.60	448552	0.335	Silicified	5%	3% matrix
281.00	282.00	1.00	448553	0.898	Silicified	1%	10% matrix
282.00	283.00	1.00	448554	0.296	Silicified	2%	5% matrix
283.00	284.00	1.00	448555	0.658	Sericitic alteration	1%	10% matrix
284.00	284.70	0.70	448556	0.703	Sericitic alteration	15%	10% matrix
From	To	Lithologic Group					
284.70	286.25	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
284.70	285.35	0.65	448557	0.015	Biotitic alteration	1%	
285.35	286.25	0.90	448558	0.008	Biotitic alteration	1%	
From	To	Lithologic Group					
286.25	287.25	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
286.25	287.25	1.00	448559	1.192	Sericitic alteration	5%	
From	To	Lithologic Group					
287.25	339.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
287.25	288.00	0.75	448561	0.652	Silicified	1%	5% matrix
288.00	289.05	1.05	448562	0.531	Silicified	5%	3% matrix
289.05	290.00	0.95	448563	0.630	Silicified	1%	3% matrix; TonBx frags
290.00	291.00	1.00	448564	0.468	Silicified	1%	3% matrix; TonBx frags
291.00	292.00	1.00	448565	0.585	Silicified	1%	3% matrix; TonBx frags
292.00	293.00	1.00	448566	1.357	Silicified	1%	5% matrix; TonBx frags
293.00	294.00	1.00	448567	1.116	Silicified	1%	3% matrix; TonBx frags
294.00	295.00	1.00	448568	0.691	Silicified	2%	3% matrix; TonBx frags
295.00	296.00	1.00	448569	1.664	Silicified	1%	5% matrix; TonBx frags
296.00	297.00	1.00	448571	0.592	Silicified	1%	10% matrix; TonBx frags
297.00	298.00	1.00	448573	1.925	Silicified	2%	15% matrix; TonBx frags
298.00	299.00	1.00	448574	0.365	Silicified	5%	7% matrix; 35 cm LamDk;
299.00	300.00	1.00	448575	1.109	Silicified	1%	20% matrix
300.00	301.00	1.00	448576	0.512	Silicified	1%	3% matrix
301.00	302.00	1.00	448577	0.735	Silicified	1%	3% matrix; TonBx frags
302.00	303.00	1.00	448578	0.317	Silicified	1%	10% matrix;
303.00	304.00	1.00	448579	1.956	Silicified	1%	15% matrix
304.00	305.00	1.00	448580	0.333	Silicified	1%	20% matrix

305.00	306.00	1.00	448581	0.442	Silicified	2%	25% matrix
306.00	307.00	1.00	448582	2.970	Silicified	3%	10% matrix
307.00	308.00	1.00	448583	0.619	Silicified	1%	5% matrix
308.00	309.00	1.00	448585	0.883	Silicified	1%	20% matrix
309.00	310.00	1.00	448586	0.232	Silicified	1%	10% matrix
310.00	311.00	1.00	448587	0.355	Silicified	1%	5% matrix
311.00	312.00	1.00	448588	0.417	Silicified	2%	7% matrix
312.00	313.00	1.00	448589	0.339	Silicified	1%	5% matrix
313.00	314.00	1.00	448591	0.416	Silicified	1%	5% matrix
314.00	315.00	1.00	448592	1.099	Silicified	3%	10% matrix
315.00	316.00	1.00	448593	0.349	Silicified	2%	5% matrix
316.00	317.00	1.00	448594	0.248	Silicified	1%	5% matrix
317.00	318.00	1.00	448595	0.229	Silicified	1%	10% matrix
318.00	319.00	1.00	448597	0.331	Silicified	3%	10% matrix
319.00	320.00	1.00	448598	0.909	Silicified	5%	15% matrix
320.00	321.00	1.00	448599	0.819	Silicified	1%	10% matrix
321.00	322.00	1.00	448600	0.519	Silicified	3%	10% matrix
322.00	323.00	1.00	448601	0.304	Silicified	2%	10% matrix
323.00	324.00	1.00	448602	0.237	Silicified	4%	5% matrix
324.00	325.00	1.00	448603	0.544	Silicified	1%	15% matrix
325.00	326.00	1.00	448604	0.311	Silicified	1%	7% matrix
326.00	327.00	1.00	448605	0.671	Silicified	1%	5% matrix
327.00	328.00	1.00	448606	1.084	Silicified	2%	15% matrix
328.00	329.00	1.00	448607	1.867	Silicified	4%	10% matrix
329.00	330.00	1.00	448608	1.143	Silicified	1%	20% matrix
330.00	331.00	1.00	448609	0.973	Silicified	1%	30% matrix
331.00	332.00	1.00	448611	0.653	Silicified	1%	20% matrix
332.00	333.00	1.00	448613	0.915	Silicified	1%	15% matrix
333.00	334.00	1.00	448614	0.399	Silicified	1%	3% matrix
334.00	335.00	1.00	448615	0.364	Silicified	2%	1% matrix
335.00	336.00	1.00	448616	1.459	Silicified	2%	20% matrix
336.00	337.00	1.00	448617	1.996	Silicified	1%	15% matrix
337.00	338.00	1.00	448618	0.756	Silicified	3%	20% matrix
338.00	339.00	1.00	448619	0.348	Silicified	10%	1% matrix

From	To	Lithologic Group					
339.00	341.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
339.00	340.00	1.00	448620	0.352	Sericitic alteration	1%	
340.00	341.00	1.00	448621	3.060	Sericitic alteration	7%	

From	To	Lithologic Group					
341.00	342.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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341.00	342.00	1.00	448622	0.379	Sericitic alteration	1%	
From	To		Lithologic Group				
342.00	343.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
342.00	343.00	1.00	448623	0.598	Sericitic alteration	1%	
From	To		Lithologic Group				
343.00	359.98		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
343.00	344.00	1.00	448625	1.062	Sericitic alteration	3%	1% matrix
344.00	345.00	1.00	448626	0.703	Sericitic alteration	1%	5% matrix
345.00	346.00	1.00	448627	1.683	Sericitic alteration	1%	5% matrix
346.00	347.00	1.00	448628	0.562	Sericitic alteration	1%	5% matrix
347.00	348.00	1.00	448629	0.184	Sericitic alteration	1%	3% matrix
348.00	349.00	1.00	448631	0.246	Sericitic alteration	2%	5% matrix
349.00	350.00	1.00	448632	0.211	Sericitic alteration	5%	3% matrix
350.00	351.00	1.00	448633	1.139	Sericitic alteration	2%	15% matrix
351.00	352.00	1.00	448634	3.560	Sericitic alteration	3%	3% matrix
352.00	353.00	1.00	448635	0.480	Sericitic alteration	1%	7% matrix
353.00	354.00	1.00	448637	0.807	Sericitic alteration	1%	5% matrix
354.00	355.00	1.00	448638	1.351	Sericitic alteration	4%	10% matrix
355.00	356.00	1.00	448639	0.562	Sericitic alteration	1%	7% matrix
356.00	357.00	1.00	448640	0.958	Sericitic alteration	1%	10% matrix
357.00	358.00	1.00	448641	0.488	Silicified	5%	5% matrix
358.00	359.00	1.00	448642	0.435	Sericitic alteration	3%	7% matrix
359.00	359.98	0.98	448643	0.228	Sericitic alteration	1%	5% matrix
From	To		Lithologic Group				
359.98	361.25		Lamprophyre Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
359.98	361.25	1.27	448644	0.010	Biotitic alteration	2%	
From	To		Lithologic Group				
361.25	363.00		Tonalite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
361.25	362.00	0.75	448645	0.011	Silicified	3%	
362.00	363.00	1.00	448646	0.023	Silicified	2%	
From	To		Lithologic Group				
363.00	365.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
363.00	364.00	1.00	448647	0.059	Silicified	1%	
364.00	365.00	1.00	448649	2.170	Silicified	3%	

From	To	Lithologic Group					
365.00	366.00	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
365.00	366.00	1.00	448651	0.214	Silicified	3%	
From	To	Lithologic Group					
366.00	372.45	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
366.00	367.00	1.00	448652	1.572	Silicified	5%	10% matrix; TonBx frags
367.00	368.00	1.00	448653	0.635	Silicified	12%	3% matrix
368.00	369.00	1.00	448654	0.204	Silicified	1%	5% matrix
369.00	370.00	1.00	448655	0.850	Silicified	5%	7% matrix
370.00	371.00	1.00	448656	0.525	Silicified	7%	5% matrix
371.00	371.65	0.65	448657	0.667	Silicified	3%	5% matrix
371.65	372.45	0.80	448658	0.116	Silicified	1%	5% matrix
From	To	Lithologic Group					
372.45	372.95	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
372.45	372.95	0.50	448659	0.032	Biotitic alteration	5%	
From	To	Lithologic Group					
372.95	374.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
372.95	374.00	1.05	448661	0.153	Silicified	2%	
From	To	Lithologic Group					
374.00	380.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
374.00	375.00	1.00	448662	0.422	Silicified	1%	7% matrix
375.00	376.00	1.00	448663	0.949	Silicified	1%	7% matrix
376.00	377.00	1.00	448664	0.809	Silicified	1%	10% matrix
377.00	378.00	1.00	448665	0.294	Silicified	1%	10% matrix
378.00	379.00	1.00	448666	0.779	Silicified	1%	15% matrix
379.00	380.00	1.00	448667	1.051	Silicified	1%	30% matrix
From	To	Lithologic Group					
380.00	381.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
380.00	381.00	1.00	448668	0.216	Silicified	1%	
From	To	Lithologic Group					
381.00	395.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
381.00	382.00	1.00	448669	1.937	Silicified	1%	25% matrix
382.00	383.00	1.00	448671	1.293	Silicified	1%	5% matrix
383.00	384.00	1.00	448673	4.470	Silicified	2%	5% matrix

384.00	385.00	1.00	448674	0.376	Silicified	1%	7% matrix
385.00	386.00	1.00	448675	0.268	Silicified	15%	5% matrix
386.00	387.00	1.00	448676	0.177	Silicified	1%	5% matrix
387.00	388.00	1.00	448677	1.191	Silicified	3%	15% matrix
388.00	389.00	1.00	448678	0.300	Silicified	2%	5% matrix; 30 cm QDR frag/dyke (?)
389.00	390.00	1.00	448679	0.757	Silicified	1%	7% matrix
390.00	391.00	1.00	448680	0.316	Silicified	1%	3% matrix
391.00	392.00	1.00	448681	1.038	Silicified	1%	10% matrix
392.00	393.00	1.00	448682	0.668	Silicified	2%	5% matrix
393.00	394.00	1.00	448683	0.946	Sericitic alteration	1%	10% matrix
394.00	395.00	1.00	448685	0.179	Sericitic alteration	1%	3% matrix

From	To	Lithologic Group					
395.00	396.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
395.00	396.00	1.00	448686	0.125	Silicified	1%	

From	To	Lithologic Group					
396.00	406.10	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
396.00	397.00	1.00	448687	0.519	Silicified	2%	20% matrix
397.00	398.00	1.00	448688	0.439	Silicified	5%	15% matrix
398.00	399.00	1.00	448689	0.225	Silicified	2%	10% matrix
399.00	400.00	1.00	448691	0.084	Silicified	3%	5% matrix
400.00	401.00	1.00	448692	2.050	Silicified	1%	20% matrix
401.00	402.00	1.00	448693	0.330	Silicified	3%	3% matrix; a few short MafDk (33 cm total)
402.00	403.00	1.00	448694	0.531	Silicified	2%	10% matrix
403.00	404.00	1.00	448695	0.209	Silicified	2%	10% matrix
404.00	405.00	1.00	448697	0.106	Silicified	2%	5% matrix
405.00	406.10	1.10	448698	0.268	Silicified	1%	20% matrix

From	To	Lithologic Group					
406.10	409.35	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
406.10	407.40	1.30	448699	0.483	Silicified	95%	almost all one VN04
407.40	408.50	1.10	448700	0.174	Silicified	5%	
408.50	409.35	0.85	448701	1.450	Silicified	5%	

From	To	Lithologic Group					
409.35	413.10	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
409.35	410.00	0.65	448702	0.773	Silicified	1%	30% matrix
410.00	411.00	1.00	448703	0.654	Silicified	1%	3% matrix
411.00	412.00	1.00	448704	0.887	Silicified	3%	5% matrix

412.00	413.10	1.10	448705	0.400	Silicified	1%	1% matrix
From 413.10	To 414.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
413.10	414.00	0.90	448706	0.023	Silicified	1%	
From 414.00	To 421.00		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
414.00	414.85	0.85	448707	0.100	Sericitic alteration	4%	5% matrix
414.85	416.00	1.15	448708	2.502	Silicified	1%	25% matrix
416.00	417.00	1.00	448709	0.218	Silicified	3%	3% matrix
417.00	418.00	1.00	448711	0.464	Silicified	1%	3% matrix
418.00	419.00	1.00	448713	0.287	Silicified	1%	1% matrix
419.00	420.00	1.00	448714	0.278	Silicified	1%	
420.00	421.00	1.00	448715	0.575	Silicified	2%	
From 421.00	To 423.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
421.00	422.00	1.00	448716	1.030	Silicified	5%	late breccia cemented with qtz-cb-fluorite
422.00	423.00	1.00	448717	0.971	Silicified	5%	late breccia cemented with qtz-cb-fluorite
From 423.00	To 425.25		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
423.00	423.70	0.70	448718	1.008	Silicified	1%	1% matrix
423.70	424.50	0.80	448719	1.233	Silicified	1%	20% matrix
424.50	425.25	0.75	448720	0.364	Silicified	1%	Justin started logging, 10% matrix
From 425.25	To 427.02		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
425.25	426.00	0.75	448721	2.930	Silicified	3%	medium grained, massive, equigranular, light grey
426.00	427.02	1.02	448722	1.212	Silicified	2%	
From 427.02	To 429.00		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
427.02	428.00	0.98	448723	0.645	Silicified	4%	5% matrix
428.00	429.00	1.00	448725	0.137	Silicified	5%	1% matrix
From 429.00	To 430.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

429.00	430.00	1.00	448726	0.243	Silicified	3%	2% matrix
From	To		Lithologic Group				
430.00	435.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
430.00	431.00	1.00	448727	1.124	Silicified	3%	5% matrix
431.00	432.00	1.00	448728	0.484	Silicified	6%	5% matrix
432.00	433.00	1.00	448729	1.455	Silicified	5%	5% matrix
433.00	434.00	1.00	448731	0.783	Silicified	3%	5% matrix
434.00	435.00	1.00	448732	0.567	Silicified	2%	15% matrix
From	To		Lithologic Group				
435.00	436.57		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
435.00	436.00	1.00	448733	0.252	Silicified	4%	medium grained, massive, equigranular, light grey
436.00	436.57	0.57	448734	0.408	Silicified	2%	
From	To		Lithologic Group				
436.57	442.56		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
436.57	437.80	1.23	448735	1.521	Silicified	3%	5% matrix
437.80	439.00	1.20	448737	1.930	Sericitic alteration	4%	20% matrix
439.00	440.00	1.00	448738	3.460	Sericitic alteration	5%	10% matrix
440.00	441.00	1.00	448739	18.800	Sericitic alteration	3%	15% matrix
441.00	442.00	1.00	448740	6.120	Sericitic alteration	4%	5% Matrix 8cm mafic dyke and 2cm mafic dyke
442.00	442.56	0.56	448741	3.980	Sericitic alteration	2%	10% matrix
From	To		Lithologic Group				
442.56	443.08		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
442.56	443.08	0.52	448742	0.133	Chloritic alteration	4%	fine grained, foliated, equigranular, dark grey
From	To		Lithologic Group				
443.08	451.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
443.08	444.00	0.92	448743	1.030	Silicified	3%	2% matrix
444.00	445.00	1.00	448744	1.990	Silicified	5%	30% matrix, Mostly unmineralized matrix
445.00	445.99	0.99	448745	1.612	Silicified	2%	25% matrix
445.99	447.00	1.01	448746	1.155	Silicified	2%	30% matrix
447.00	448.00	1.00	448747	1.323	Silicified	4%	2% matrix
448.00	449.00	1.00	448749	1.643	Silicified	2%	5% matrix
449.00	450.00	1.00	448751	5.960	Silicified	6%	7% matrix
450.00	451.00	1.00	448752	4.380	Silicified	4%	3% matrix

From	To	Lithologic Group					
451.00	451.81	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
451.00	451.81	0.81	448753	0.309	Silicified	3%	medium grained, massive, equigranular, light grey
From	To	Lithologic Group					
451.81	489.99	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
451.81	453.00	1.19	448754	1.670	Silicified	3%	12% matrix
453.00	454.00	1.00	448755	1.694	Silicified	2%	2% matrix
454.00	454.96	0.96	448756	3.670	Silicified	1%	30% matrix
454.96	456.00	1.04	448757	1.569	Silicified	3%	8% matrix
456.00	457.03	1.03	448758	0.838	Silicified	3%	3% matrix
457.03	458.00	0.97	448759	0.380	Silicified	2%	3% matrix
458.00	459.00	1.00	448761	0.784	Silicified	3%	3% matrix
459.00	460.00	1.00	448762	1.364	Silicified	2%	18% matrix
460.00	461.03	1.03	448763	0.829	Silicified	0%	55% matrix
461.03	462.00	0.97	448764	3.230	Silicified	2%	7% matrix
462.00	462.95	0.95	448765	0.922	Silicified	4%	6% matrix
462.95	464.00	1.05	448766	0.587	Sericitic alteration	2%	15% matrix
464.00	465.00	1.00	448767	0.305	Silicified	2%	2% matrix
465.00	466.00	1.00	448768	1.172	Silicified	1%	10% matrix
466.00	467.12	1.12	448769	0.930	Silicified	1%	25% matrix
467.12	468.00	0.88	448771	1.456	Sericitic alteration	2%	8% matrix
468.00	469.00	1.00	448773	0.618	Silicified	1%	25% matrix
469.00	470.05	1.05	448774	0.793	Silicified	2%	25% matrix
470.05	471.00	0.95	448775	0.818	Silicified	3%	10% matrix
471.00	472.00	1.00	448776	1.152	Silicified	2%	8% matrix
472.00	473.00	1.00	448777	3.660	Silicified	2%	10% matrix
473.00	474.00	1.00	448778	1.161	Silicified	1%	35% matrix
474.00	475.00	1.00	448779	0.362	Silicified	3%	8% matrix
475.00	476.00	1.00	448780	0.645	Silicified	2%	11% matrix
476.00	477.00	1.00	448781	0.514	Silicified	4%	8% matrix
477.00	478.00	1.00	448782	0.699	Silicified	3%	10% matrix
478.00	479.00	1.00	448783	0.351	Silicified	1%	10% matrix
479.00	480.00	1.00	448785	0.318	Sericitic alteration	0%	5% matrix
480.00	481.00	1.00	448786	1.100	Silicified	5%	3% matrix,
481.00	481.96	0.96	448787	0.299	Silicified	1%	5% matrix, 30cm mafic dyke
481.96	483.00	1.04	448788	0.955	Sericitic alteration	2%	5% matrix
483.00	483.79	0.79	448789	0.542	Silicified	0%	2% matrix
483.79	485.00	1.21	448791	13.900	Sericitic alteration	4%	5% matrix, VG in vein at 483.98m
485.00	486.00	1.00	448793	0.508	Silicified	1%	3% matrix, regular fracturing

486.00	487.00	1.00	448794	1.766	Sericitic alteration	7%	10% matrix
487.00	488.02	1.02	448795	2.068	Sericitic alteration	3%	5% matrix
488.02	489.00	0.98	448797	0.628	Sericitic alteration	4%	5% matrix
489.00	489.99	0.99	448798	0.440	Silicified	3%	7% matrix
From 489.99	To 491.00		Lithologic Group Tonalite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
489.99	491.00	1.01	448799	0.302	Sericitic alteration	20%	strongly sericite overprinted,
From 491.00	To 495.00		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
491.00	492.00	1.00	448800	0.408	Silicified	3%	10% matrix
492.00	493.00	1.00	448801	0.632	Silicified	1%	7% matrix
493.00	494.04	1.04	448802	2.373	Silicified	2%	5% matrix
494.04	495.00	0.96	448803	2.053	Silicified	5%	3% matrix
From 495.00	To 497.50		Lithologic Group Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
495.00	496.00	1.00	448804	0.643	Sericitic alteration	5%	fine grained, massive, equigranular, light beigish grey
496.00	497.00	1.00	448805	0.565	Sericitic alteration	5%	
497.00	497.50	0.50	448806	4.490	Sericitic alteration	8%	foliated
From 497.50	To 500.17		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
497.50	498.00	0.50	448807	3.580	Sericitic alteration	3%	medium grained, massive, equigranular, light grey
498.00	499.00	1.00	448808	3.670	Sericitic alteration	10%	
499.00	500.17	1.17	448809	0.540	Sericitic alteration	4%	
From 500.17	To 501.96		Lithologic Group Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
500.17	501.00	0.83	448811	0.099	Chloritic alteration	15%	fine grained, massive, equigranular, dark grey
501.00	501.96	0.96	448813	0.020	Chloritic alteration	5%	
From 501.96	To 502.77		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
501.96	502.77	0.81	448814	0.211	Silicified	10%	medium grained, massive, light grey
From 502.77	To 503.61		Lithologic Group Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

502.77	503.61	0.84	448815	0.018	Chloritic alteration	1%	fine grained, foliated, equigranular, dark grey
From	To		Lithologic Group				
503.61	504.57		Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
503.61	504.57	0.96	448816	0.469	Sericitic alteration	10%	fine grained, massive, equigranular, light beigish grey
From	To		Lithologic Group				
504.57	505.14		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
504.57	505.14	0.57	448817	0.020	Chloritic alteration	4%	fine grained, massive, equigranular, dark grey
From	To		Lithologic Group				
505.14	505.83		Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
505.14	505.83	0.69	448818	0.215	Sericitic alteration	8%	fine grained, massive, equigranular, light beigish grey
From	To		Lithologic Group				
505.83	509.00		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
505.83	506.68	0.85	448819	0.637	Chloritic alteration	7%	mafic dyke brecciating Ton 2
506.68	508.00	1.32	448820	0.075	Chloritic alteration	5%	fine to medium grained, weakly foliated, equigranular, dark grey
508.00	509.00	1.00	448821	0.267	Chloritic alteration	4%	
From	To		Lithologic Group				
509.00	510.24		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
509.00	510.24	1.24	448822	0.210	Sericitic alteration	3%	medium grained, foliated, equigranular, medium grey
From	To		Lithologic Group				
510.24	511.40		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
510.24	511.40	1.16	448823	0.067	Sericitic alteration	9%	7% matrix
From	To		Lithologic Group				
511.40	512.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
511.40	512.00	0.60	448825	0.037	Sericitic alteration	4%	medium grained, weakly foliated, equigranular, medium grey
From	To		Lithologic Group				
512.00	517.03		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
512.00	512.60	0.60	448826	0.320	Sericitic alteration	4%	7% matrix
512.60	514.00	1.40	448827	0.157	Silicified	2%	15% matrix

514.00	515.00	1.00	448828	0.152	Silicified	1%	20% matrix
515.00	516.00	1.00	448829	0.209	Sericitic alteration	1%	15% matrix
516.00	517.03	1.03	448831	0.345	Sericitic alteration	10%	10% matrix
From	To		Lithologic Group				
517.03	518.23		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
517.03	518.23	1.20	448832	0.112	Sericitic alteration	3%	medium grained, massive, equigranular, medium grey
From	To		Lithologic Group				
518.23	521.04		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
518.23	519.00	0.77	448833	0.343	Sericitic alteration	5%	8% matrix
519.00	520.02	1.02	448834	0.274	Sericitic alteration	3%	25% matrix
520.02	521.04	1.02	448835	0.428	Sericitic alteration	4%	20% matrix
From	To		Lithologic Group				
521.04	522.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
521.04	522.00	0.96	448837	0.220	Sericitic alteration	4%	fine to medium grained, massive, equigranular, light grey
From	To		Lithologic Group				
522.00	526.21		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
522.00	523.00	1.00	448838	2.426	Sericitic alteration	6%	15% matrix, VG in vein shallow to core at 522.39m
523.00	524.00	1.00	448840	0.376	Sericitic alteration	3%	20% matrix
524.00	525.00	1.00	448841	0.642	Sericitic alteration	2%	80% matrix
525.00	526.21	1.21	448842	0.475	Sericitic alteration	4%	5% matrix
From	To		Lithologic Group				
526.21	528.13		Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
526.21	527.00	0.79	448843	0.085	Sericitic alteration	3%	fine to med. Grained
527.00	528.13	1.13	448844	0.283	Sericitic alteration	9%	EOH

DRILL HOLE REPORT

Drill Hole **GOS21-93** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 327.0
 Dip -65.0
 Length 390.0 m
 Started 10-Jul-21
 Completed 23-Jul-21
 Logged 25-Jul-21
 Logged by Justin Bisaillon

Company
 Contractor Chenier Drilling Ltd
 Position
 Bore Size BQTK
 Sample Storage Meso camp
 Casing NONE
 Condition

Survey Details:

Claim Number MLO-10658
 Property Chester
 Township Chester
 Spotted by
 Surveyed by
 Collar Orientation Reflex Multi-shot Survey
 Coord Survey Tool SURV

Coordinates:

Target
 Comments Hole ended a 390 instead of 425. Rods stuck in hole. Cut ods and pulled

Easting 431064.68
 UTM Datum NAD83 Northing 5267612.00
 UTM Zone 17 Elevation 382.26

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
12.0	328.48	-65.47	56668								
50.0	327.77	-65.22	55214								
114.0	329.11	-65.13	55115								
150.0	328.24	-65.21	55000								
200.0	329.96	-65.12	54720								
250.0	329.88	-65.06	54768								
300.0	329.88	-65.03	54778								
350.0	329.78	-65.02	54787								

From	To	Lithologic Group					
0.00	2.43	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	2.43	2.43			Unaltered		Overburden
From	To	Lithologic Group					
2.43	6.00	Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
2.43	3.17	0.74	433303	0.052	Silicified	7%	5% Dr matrix and 95% medium grained, equigranular, light grey tonalite
3.17	4.00	0.83	433304	0.044	Silicified	1%	80% matrix and 20% tonalite
4.00	5.00	1.00	433305	0.021	Silicified	5%	15% matrix and 85% tonalite
5.00	6.00	1.00	433306	0.019	Silicified	4%	15% matrix and 85% tonalite
From	To	Lithologic Group					
6.00	12.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
6.00	6.96	0.96	433307	0.023	Silicified	3%	medium grained, massive, equigranular, light grey
6.96	8.00	1.04	433308	0.058	Silicified	3%	
8.00	9.00	1.00	433309	0.306	Silicified	2%	
9.00	10.02	1.02	433311	0.049	Silicified	3%	
10.02	10.99	0.97	433313	0.075	Silicified	3%	
10.99	12.00	1.01	433314	0.082	Silicified	3%	
From	To	Lithologic Group					
12.00	13.32	Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
12.00	13.32	1.32	433315	0.200	Sericitic alteration	14%	5% matrix and 95% tonalite
From	To	Lithologic Group					
13.32	14.01	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
13.32	14.01	0.69	433316	0.042	Silicified	1%	medium grained, massive, equigranular, light grey
From	To	Lithologic Group					
14.01	18.72	Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
14.01	14.59	0.58	433317	0.023	Silicified	1%	5% matrix and 95% tonalite
14.59	16.00	1.41	433318	0.112	Silicified	2%	35% matrix and 65% tonalite
16.00	17.02	1.02	433319	0.056	Silicified	1%	40% matrix and 60% tonalite
17.02	18.00	0.98	433320	0.044	Silicified	3%	20% matrix and 80% tonalite

18.00	18.72	0.72	433321	0.302	Silicified	2%	60% matrix and 40% tonalite
From 18.72	To 19.25		Lithologic Group Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
18.72	19.25	0.53	433322	0.005	Chloritic alteration	0%	medium grained, massive, equigranular, dark greenish grey
From 19.25	To 20.59		Lithologic Group Diorite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
19.25	20.00	0.75	433323	0.040	Silicified	2%	25% matrix and 75% tonalite
20.00	20.59	0.59	433325	0.036	Silicified	1%	10% matrix and 90% tonalite
From 20.59	To 21.56		Lithologic Group Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
20.59	21.56	0.97	433326	0.040	Biotitic alteration	1%	medium to coarse grained, massive, equigranular, dark grey
From 21.56	To 28.11		Lithologic Group Diorite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
21.56	23.00	1.44	433327	0.037	Silicified	15%	25% matrix and 75% tonalite
23.00	24.00	1.00	433328	0.028	Sericitic alteration	4%	20% matrix and 80% tonalite
24.00	25.01	1.01	433329	0.011	Silicified	1%	20% matrix and 80% tonalite
25.01	25.99	0.98	433331	0.036	Silicified	4%	20% matrix and 80% tonalite
25.99	27.00	1.01	433332	0.169	Silicified	5%	60% matrix and 40% tonalite
27.00	28.11	1.11	433333	0.013	Silicified	3%	25% matrix and 75% tonalite
From 28.11	To 28.74		Lithologic Group Diabase				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
28.11	28.74	0.63	433334	0.005	Epidote alteration	0%	AFG, fine grained, massive, plag. Phytic, dark greenish grey
From 28.74	To 38.00		Lithologic Group Diorite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
28.74	30.00	1.26	433335	0.071	Silicified	4%	10% matrix and 90% tonalite
30.00	31.00	1.00	433337	0.030	Silicified	3%	5% matrix and 95% tonalite
31.00	32.03	1.03	433338	0.041	Silicified	2%	5% matrix and 95% tonalite
32.03	33.00	0.97	433339	0.030	Sericitic alteration	3%	10% matrix and 90% tonalite
33.00	34.00	1.00	433340	0.108	Silicified	6%	10% matrix and 90% tonalite
34.00	35.00	1.00	433341	0.032	Silicified	3%	45% matrix and 55% tonalite
35.00	36.00	1.00	433342	0.802	Silicified	3%	95% matrix and 5% tonalite
36.00	36.71	0.71	433343	0.018	Silicified	2%	40% matrix and 60% tonalite
36.71	38.00	1.29	433344	0.059	Silicified	3%	5% matrix and 95% tonalite

From	To	Lithologic Group					
38.00	44.12	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
38.00	39.00	1.00	433345	0.174	Silicified	4%	medium grained, massive, equigranular, light grey
39.00	40.00	1.00	433346	0.038	Silicified	4%	
40.00	40.93	0.93	433347	0.861	Sericitic alteration	6%	
40.93	42.13	1.20	433349	0.630	Sericitic alteration	5%	
42.13	43.03	0.90	433351	4.450	Sericitic alteration	6%	
43.03	44.12	1.09	433352	0.578	Sericitic alteration	6%	
From	To	Lithologic Group					
44.12	50.00	Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
44.12	45.00	0.88	433353	0.920	Sericitic alteration	8%	30% matrix and 70% tonalite
45.00	46.00	1.00	433355	0.175	Sericitic alteration	3%	85% matrix and 15% tonalite
46.00	46.66	0.66	433356	0.187	Sericitic alteration	3%	85% matrix and 15% tonalite
46.66	48.00	1.34	433357	0.196	Silicified	2%	60% matrix and 40% tonalite
48.00	49.04	1.04	433358	0.273	Silicified	2%	50% matrix and 50% tonalite
49.04	50.00	0.96	433359	0.051	Silicified	2%	10% matrix and 90% tonalite
From	To	Lithologic Group					
50.00	52.50	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
50.00	51.00	1.00	433361	0.062	Sericitic alteration	1%	medium grained, massive, equigranular, light grey
51.00	52.50	1.50	433362	0.248	Sericitic alteration	6%	
From	To	Lithologic Group					
52.50	87.00	Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
52.50	54.00	1.50	433363	0.127	Sericitic alteration	3%	25% matrix and 75% tonalite
54.00	55.21	1.21	433364	0.039	Silicified	4%	30% matrix and 70% tonalite
55.21	56.00	0.79	433365	0.014	Sericitic alteration	2%	30% matrix and 70% tonalite
56.00	57.00	1.00	433366	0.145	Silicified	2%	40% matrix and 60% tonalite
57.00	58.14	1.14	433367	0.141	Silicified	2%	20% matrix and 80% tonalite
58.14	59.00	0.86	433368	0.355	Silicified	2%	15% matrix and 85% tonalite
59.00	60.00	1.00	433369	0.101	Sericitic alteration	3%	30% matrix and 70% tonalite
60.00	61.00	1.00	433371	0.436	Sericitic alteration	4%	20% matrix and 80% tonalite, 15cm dia dyke
61.00	62.02	1.02	433373	1.244	Sericitic alteration	2%	30% matrix and 70% tonalite
62.02	63.00	0.98	433374	0.252	Sericitic alteration	3%	30% matrix and 70% tonalite
63.00	64.05	1.05	433375	0.339	Sericitic alteration	3%	40% matrix and 60% tonalite
64.05	65.10	1.05	433376	0.207	Sericitic alteration	3%	20% matrix and 80% tonalite
65.10	66.00	0.90	433377	0.375	Silicified	2%	20% matrix and 80% tonalite
66.00	67.00	1.00	433378	0.193	Sericitic alteration	4%	15% matrix and 85% tonalite

67.00	68.30	1.30	433379	0.856	Sericitic alteration	3%	30% matrix and 70% tonalite
68.30	69.00	0.70	433380	0.445	Sericitic alteration	3%	5% matrix and 95% tonalite
69.00	69.91	0.91	433381	0.261	Sericitic alteration	1%	55% matrix and 45% tonalite
69.91	71.00	1.09	433382	0.102	Sericitic alteration	2%	45% matrix and 55% tonalite
71.00	72.00	1.00	433383	0.749	Sericitic alteration	5%	20% matrix and 80% tonalite
72.00	73.00	1.00	433385	0.208	Sericitic alteration	3%	5% matrix and 95% tonalite
73.00	74.00	1.00	433386	0.111	Silicified	3%	20% matrix and 80% tonalite
74.00	75.00	1.00	433387	0.091	Sericitic alteration	5%	15% matrix and 85% tonalite
75.00	76.00	1.00	433388	0.131	Silicified	2%	20% matrix and 80% tonalite
76.00	76.95	0.95	433389	0.085	Silicified	1%	50% matrix and 50% tonalite
76.95	78.00	1.05	433391	0.198	Silicified	2%	30% matrix and 70% tonalite
78.00	79.00	1.00	433392	0.089	Silicified	3%	20% matrix and 80% tonalite
79.00	80.00	1.00	433393	0.154	Silicified	2%	10% matrix and 90% tonalite
80.00	81.00	1.00	433394	0.065	Silicified	3%	10% matrix and 90% tonalite
81.00	82.17	1.17	433395	0.040	Silicified	3%	30% matrix and 70% tonalite
82.17	83.03	0.86	433397	0.082	Silicified	6%	10% matrix and 90% tonalite
83.03	84.00	0.97	433398	0.271	Silicified	4%	15% matrix and 85% tonalite
84.00	85.00	1.00	433399	0.562	Silicified	10%	10% matrix and 90% tonalite
85.00	86.00	1.00	433400	0.233	Silicified	5%	5% matrix and 95% tonalite
86.00	87.00	1.00	433401	0.424	Silicified	4%	5% matrix and 95% tonalite

From	To	Lithologic Group					
87.00	88.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
87.00	88.00	1.00	433402	0.958	Sericitic alteration	4%	medium grained, massive, equigranular, light grey

From	To	Lithologic Group					
88.00	94.00	Diorite Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
88.00	89.00	1.00	433403	1.710	Sericitic alteration	6%	15% matrix and 85% tonalite
89.00	90.00	1.00	433404	0.334	Sericitic alteration	6%	5% matrix and 95% tonalite
90.00	91.00	1.00	433405	0.397	Sericitic alteration	9%	10% matrix and 90% tonalite
91.00	92.00	1.00	433406	0.173	Sericitic alteration	4%	15% matrix and 85% tonalite
92.00	93.00	1.00	433407	0.846	Sericitic alteration	2%	5% matrix and 95% tonalite
93.00	94.00	1.00	433408	1.068	Sericitic alteration	2%	10% matrix and 90% tonalite

From	To	Lithologic Group					
94.00	102.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
94.00	95.00	1.00	433409	0.956	Sericitic alteration	4%	medium grained, massive, equigranular, light grey
95.00	96.00	1.00	433411	1.335	Sericitic alteration	2%	
96.00	97.00	1.00	433413	1.218	Sericitic alteration	4%	
97.00	98.00	1.00	433414	1.480	Sericitic alteration	4%	
98.00	99.00	1.00	433415	0.979	Sericitic alteration	2%	

99.00	100.00	1.00	433416	0.613	Sericitic alteration	3%	
100.00	101.00	1.00	433417	0.638	Sericitic alteration	5%	
101.00	102.00	1.00	433418	0.693	Sericitic alteration	4%	
From 102.00	To 104.06		Lithologic Group Diorite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
102.00	103.08	1.08	433419	1.232	Sericitic alteration	3%	10% matrix and 90% tonalite
103.08	104.06	0.98	433420	1.401	Silicified	3%	5% matrix and 95% tonalite
From 104.06	To 106.93		Lithologic Group Lamprophyre Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
104.06	105.00	0.94	433421	0.023	Chloritic alteration	4%	fine to medium grained, foliated, equigranular, dark reddish grey
105.00	106.00	1.00	433422	0.011	Chloritic alteration	5%	
106.00	106.93	0.93	433423	0.005	Chloritic alteration	3%	
From 106.93	To 110.00		Lithologic Group Diorite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
106.93	108.00	1.07	433425	0.601	Silicified	3%	20% matrix and 80% tonalite
108.00	109.00	1.00	433426	1.791	Silicified	3%	85% matrix and 15% tonalite
109.00	110.00	1.00	433427	0.181	Silicified	2%	95% matrix and 5% tonalite
From 110.00	To 112.00		Lithologic Group Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
110.00	111.00	1.00	433428	0.354	Chloritic alteration	4%	medium grained, massive, quartz phyric, dark greenish grey
111.00	112.00	1.00	433429	0.175	Chloritic alteration	2%	
From 112.00	To 113.08		Lithologic Group Diabase				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
112.00	113.08	1.08	433431	0.008	Epidote alteration	0%	fine grained, chilled contact, epidote altered feldspar phenocrysts, massive, dark greenish grey
From 113.08	To 115.00		Lithologic Group Diorite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
113.08	114.00	0.92	433432	0.214	Silicified	3%	90% matrix and 10% tonalite
114.00	115.00	1.00	433433	0.320	Sericitic alteration	2%	5% matrix and 95% tonalite

From	To	Lithologic Group					
115.00	117.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
115.00	116.00	1.00	433434	0.638	Sericitic alteration	4%	medium grained, massive, equigranular, light grey
116.00	117.00	1.00	433435	0.378	Sericitic alteration	1%	
From	To	Lithologic Group					
117.00	120.00	Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
117.00	118.00	1.00	433437	0.360	Sericitic alteration	1%	25% matrix and 75% tonalite
118.00	119.00	1.00	433438	0.364	Sericitic alteration	4%	20% matrix and 80% tonalite
119.00	120.00	1.00	433439	0.750	Sericitic alteration	8%	5% matrix and 95% tonalite
From	To	Lithologic Group					
120.00	177.52	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
120.00	121.00	1.00	433440	0.855	Sericitic alteration	3%	medium grained, massive, equigranular, light grey
121.00	122.00	1.00	433441	0.638	Sericitic alteration	2%	
122.00	123.00	1.00	433442	0.988	Sericitic alteration	2%	
123.00	124.00	1.00	433443	0.471	Sericitic alteration	2%	
124.00	125.00	1.00	433444	0.969	Sericitic alteration	2%	
125.00	126.00	1.00	433445	0.588	Sericitic alteration	2%	
126.00	127.00	1.00	433446	0.170	Sericitic alteration	2%	
127.00	128.00	1.00	433447	0.146	Sericitic alteration	1%	
128.00	129.00	1.00	433449	0.905	Sericitic alteration	2%	
129.00	130.00	1.00	433451	0.380	Sericitic alteration	3%	
130.00	131.03	1.03	433452	0.270	Sericitic alteration	3%	
131.03	132.00	0.97	433453	0.617	Sericitic alteration	2%	
132.00	133.00	1.00	433454	0.418	Sericitic alteration	3%	
133.00	134.00	1.00	433455	0.590	Sericitic alteration	12%	
134.00	135.00	1.00	433456	0.643	Sericitic alteration	5%	
135.00	136.00	1.00	433457	0.620	Sericitic alteration	8%	
136.00	137.00	1.00	433458	0.606	Sericitic alteration	2%	
137.00	138.00	1.00	433459	0.758	Sericitic alteration	4%	
138.00	139.00	1.00	433461	0.388	Sericitic alteration	2%	
139.00	140.00	1.00	433462	0.353	Sericitic alteration	4%	
140.00	141.00	1.00	433463	0.455	Sericitic alteration	12%	
141.00	142.00	1.00	433464	1.315	Sericitic alteration	4%	
142.00	143.05	1.05	433465	1.035	Sericitic alteration	8%	
143.05	144.00	0.95	433466	0.299	Sericitic alteration	5%	
144.00	145.00	1.00	433467	0.654	Sericitic alteration	5%	
145.00	146.00	1.00	433468	0.513	Sericitic alteration	2%	
146.00	147.00	1.00	433469	0.746	Sericitic alteration	2%	

147.00	148.00	1.00	433471	0.328	Sericitic alteration	2%
148.00	149.00	1.00	433473	0.944	Sericitic alteration	8%
149.00	150.00	1.00	433474	1.019	Sericitic alteration	3%
150.00	150.99	0.99	433475	1.854	Sericitic alteration	3%
150.99	152.09	1.10	433476	0.653	Sericitic alteration	5%
152.09	153.00	0.91	433477	0.729	Sericitic alteration	6%
153.00	154.03	1.03	433478	0.603	Sericitic alteration	3%
154.03	154.75	0.72	433479	0.425	Sericitic alteration	4%
154.75	156.00	1.25	433480	0.432	Sericitic alteration	3%
156.00	157.00	1.00	433481	0.847	Sericitic alteration	9%
157.00	158.00	1.00	433482	0.534	Sericitic alteration	4%
158.00	159.00	1.00	433483	0.253	Sericitic alteration	3%
159.00	160.00	1.00	433485	0.421	Sericitic alteration	2%
160.00	161.00	1.00	433486	0.077	Sericitic alteration	4%
161.00	162.00	1.00	433487	0.458	Sericitic alteration	3%
162.00	163.00	1.00	433488	0.121	Sericitic alteration	4%
163.00	163.98	0.98	433489	0.997	Sericitic alteration	3%
163.98	165.07	1.09	433491	0.794	Sericitic alteration	3%
165.07	166.00	0.93	433492	0.785	Sericitic alteration	3%
166.00	166.97	0.97	433493	0.533	Sericitic alteration	1%
166.97	168.00	1.03	433494	0.839	Sericitic alteration	4%
168.00	169.01	1.01	433495	1.537	Sericitic alteration	5%
169.01	170.01	1.00	433497	2.408	Sericitic alteration	8%
170.01	171.00	0.99	433498	0.362	Sericitic alteration	2%
171.00	172.00	1.00	433499	0.980	Sericitic alteration	2%
172.00	173.00	1.00	433500	0.682	Sericitic alteration	1%
173.00	174.00	1.00	433789	0.794	Sericitic alteration	4%
174.00	175.00	1.00	433791	0.450	Sericitic alteration	12%
175.00	176.00	1.00	433792	0.656	Sericitic alteration	6%
176.00	177.00	1.00	433793	2.726	Sericitic alteration	5%
177.00	177.52	0.52	433794	0.345	Sericitic alteration	1%

From	To	Lithologic Group				
177.52	179.75	Diabase				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
177.52	178.98	1.46	433795	0.014	Epidote alteration	2%	fine grained, massive, epidote alt. plagioclase phyrlic, dark grey
178.98	179.75	0.77	433797	0.007	Epidote alteration	8%	

From	To	Lithologic Group				
179.75	241.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
179.75	180.98	1.23	433798	0.234	Sericitic alteration	8%	medium grey, massive, equigranular, light grey
180.98	182.00	1.02	433799	0.075	Sericitic alteration	4%	

182.00	183.00	1.00	433800	1.111	Sericitic alteration	4%	
183.00	184.01	1.01	433801	0.187	Sericitic alteration	2%	
184.01	185.00	0.99	433802	0.204	Sericitic alteration	3%	
185.00	186.00	1.00	433803	0.123	Sericitic alteration	2%	
186.00	187.00	1.00	433804	0.189	Sericitic alteration	4%	
187.00	188.00	1.00	433805	0.463	Sericitic alteration	2%	
188.00	189.00	1.00	433806	0.423	Sericitic alteration	1%	
189.00	190.00	1.00	433807	0.329	Sericitic alteration	2%	
190.00	191.03	1.03	433808	0.288	Sericitic alteration	2%	
191.03	192.00	0.97	433809	0.277	Sericitic alteration	3%	
192.00	193.21	1.21	433811	3.070	Sericitic alteration	15%	
193.21	194.00	0.79	433813	0.762	Sericitic alteration	0%	
194.00	195.00	1.00	433814	0.024	Sericitic alteration	5%	
195.00	196.00	1.00	433815	0.297	Sericitic alteration	1%	
196.00	197.00	1.00	433816	0.425	Sericitic alteration	5%	
197.00	198.00	1.00	433817	10.200	Sericitic alteration	7%	
198.00	199.00	1.00	433818	0.099	Sericitic alteration	5%	
199.00	200.04	1.04	433819	0.770	Sericitic alteration	2%	
200.04	201.00	0.96	433820	0.825	Sericitic alteration	2%	
201.00	202.00	1.00	433821	0.734	Sericitic alteration	2%	
202.00	203.00	1.00	433822	0.208	Sericitic alteration	2%	
203.00	203.71	0.71	433823	1.303	Sericitic alteration	1%	
203.71	205.00	1.29	433825	0.160	Sericitic alteration	8%	
205.00	206.00	1.00	433826	1.894	Sericitic alteration	2%	
206.00	207.00	1.00	433827	0.997	Sericitic alteration	3%	
207.00	208.00	1.00	433828	1.047	Sericitic alteration	1%	
208.00	209.00	1.00	433829	1.117	Sericitic alteration	8%	
209.00	210.00	1.00	433831	0.807	Sericitic alteration	4%	
210.00	211.00	1.00	433832	2.111	Sericitic alteration	0%	
211.00	212.00	1.00	433833	1.433	Sericitic alteration	1%	
212.00	213.00	1.00	433834	24.800	Sericitic alteration	1%	
213.00	214.00	1.00	433835	2.394	Sericitic alteration	1%	
214.00	215.00	1.00	433837	1.487	Sericitic alteration	1%	x LG from here
215.00	216.00	1.00	433838	0.835	Sericitic alteration	2%	x
216.00	217.00	1.00	433839	2.849	Sericitic alteration	2%	x
217.00	218.00	1.00	433840	4.160	Sericitic alteration	2%	x
218.00	219.00	1.00	433841	1.156	Sericitic alteration	2%	x
219.00	220.00	1.00	433842	0.932	Sericitic alteration	1%	x
220.00	221.00	1.00	433843	0.603	Sericitic alteration	2%	x
221.00	222.00	1.00	433844	2.074	Sericitic alteration	2%	x
222.00	223.00	1.00	433845	0.618	Sericitic alteration	1%	x
223.00	224.00	1.00	433846	2.031	Sericitic alteration	2%	x

224.00	225.00	1.00	433847	0.563	Sericitic alteration	2%	x
225.00	226.00	1.00	433849	0.367	Sericitic alteration	3%	x
226.00	227.00	1.00	433851	0.964	Sericitic alteration	3%	x
227.00	228.00	1.00	433852	0.702	Sericitic alteration	3%	x
228.00	229.00	1.00	433853	2.166	Sericitic alteration	2%	x
229.00	230.00	1.00	433854	6.650	Sericitic alteration	1%	x
230.00	231.00	1.00	433855	0.330	Sericitic alteration	4%	x
231.00	232.00	1.00	433856	0.456	Sericitic alteration	2%	x
232.00	233.00	1.00	433857	0.507	Sericitic alteration	2%	x
233.00	234.00	1.00	433858	0.620	Sericitic alteration	3%	x
234.00	235.00	1.00	433859	2.842	Sericitic alteration	4%	x
235.00	236.00	1.00	433861	0.929	Sericitic alteration	1%	x
236.00	237.00	1.00	433862	0.788	Sericitic alteration	2%	x
237.00	238.00	1.00	433863	3.940	Sericitic alteration	2%	x
238.00	239.00	1.00	433864	2.342	Sericitic alteration	5%	x
239.00	240.00	1.00	433865	0.609	Sericitic alteration	1%	x
240.00	241.00	1.00	433866	0.483	Sericitic alteration	1%	x

From	To	Lithologic Group					
241.00	242.60	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
241.00	242.00	1.00	433867	0.258	Chloritic alteration	2%	x
242.00	242.60	0.60	433868	0.019	Chloritic alteration	2%	x

From	To	Lithologic Group					
242.60	258.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
242.60	244.00	1.40	433869	11.100	Sericitic alteration	2%	x
244.00	245.00	1.00	433871	1.251	Sericitic alteration	2%	x
245.00	246.00	1.00	433873	2.800	Sericitic alteration	2%	x
246.00	247.00	1.00	433874	1.187	Sericitic alteration	1%	x
247.00	248.00	1.00	433875	0.827	Sericitic alteration	3%	x
248.00	249.00	1.00	433876	0.632	Sericitic alteration	2%	x
249.00	250.00	1.00	433877	1.148	Sericitic alteration	2%	x
250.00	251.00	1.00	433878	1.885	Sericitic alteration	4%	x
251.00	252.00	1.00	433879	0.523	Sericitic alteration	2%	x
252.00	253.00	1.00	433880	0.591	Sericitic alteration	2%	x
253.00	254.00	1.00	433881	4.750	Sericitic alteration	1%	x
254.00	255.00	1.00	433882	0.845	Sericitic alteration	1%	x
255.00	256.00	1.00	433883	0.795	Sericitic alteration	2%	x
256.00	257.00	1.00	433885	6.090	Sericitic alteration	35%	x
257.00	258.00	1.00	433886	3.860	Sericitic alteration	3%	x

From	To	Lithologic Group					
258.00	258.90	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
258.00	258.90	0.90	433887	0.111	Chloritic alteration	4%	x
From	To	Lithologic Group					
258.90	312.25	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
258.90	260.00	1.10	433888	0.459	Sericitic alteration	7%	x
260.00	261.00	1.00	433889	0.469	Sericitic alteration	5%	x
261.00	262.00	1.00	433891	1.006	Sericitic alteration	1%	x
262.00	263.00	1.00	433892	1.764	Sericitic alteration	4%	x
263.00	264.00	1.00	433893	0.850	Sericitic alteration	6%	x
264.00	265.00	1.00	433894	0.716	Sericitic alteration	2%	x
265.00	266.00	1.00	433895	0.759	Sericitic alteration	8%	x
266.00	267.00	1.00	433897	0.761	Sericitic alteration	2%	x
267.00	268.00	1.00	433898	1.462	Sericitic alteration	2%	x
268.00	269.00	1.00	433899	1.587	Sericitic alteration	15%	x
269.00	270.00	1.00	433900	1.997	Sericitic alteration	2%	x
270.00	271.00	1.00	433901	6.820	Sericitic alteration	5%	x
271.00	272.00	1.00	433902	1.530	Sericitic alteration	1%	x
272.00	273.00	1.00	433903	1.193	Sericitic alteration	1%	x
273.00	274.00	1.00	433904	3.790	Sericitic alteration	3%	x
274.00	275.00	1.00	433905	1.353	Sericitic alteration	6%	x
275.00	276.00	1.00	433906	1.717	Sericitic alteration	2%	x
276.00	277.00	1.00	433907	1.356	Sericitic alteration	2%	x
277.00	278.00	1.00	433908	1.566	Sericitic alteration	2%	x
278.00	279.00	1.00	433909	1.033	Sericitic alteration	1%	x
279.00	280.00	1.00	433911	1.261	Sericitic alteration	2%	x
280.00	281.00	1.00	433913	2.076	Sericitic alteration	2%	x
281.00	282.00	1.00	433914	1.038	Sericitic alteration	5%	x
282.00	283.00	1.00	433915	0.664	Sericitic alteration	2%	x
283.00	284.00	1.00	433916	1.365	Sericitic alteration	5%	x
284.00	285.00	1.00	433917	0.996	Sericitic alteration	2%	x
285.00	286.00	1.00	433918	0.782	Sericitic alteration	5%	x
286.00	287.00	1.00	433919	0.206	Sericitic alteration	2%	x small dyke
287.00	288.00	1.00	433920	0.641	Sericitic alteration	4%	x
288.00	289.00	1.00	433921	0.634	Sericitic alteration	2%	x
289.00	290.00	1.00	433922	0.900	Sericitic alteration	2%	x
290.00	291.00	1.00	433923	0.529	Sericitic alteration	2%	x
291.00	292.00	1.00	433925	1.558	Sericitic alteration	4%	x
292.00	293.00	1.00	433926	0.832	Sericitic alteration	1%	x
293.00	294.00	1.00	433927	0.949	Sericitic alteration	1%	x

294.00	295.00	1.00	433928	0.877	Sericitic alteration	2%	x
295.00	296.00	1.00	433929	0.793	Sericitic alteration	1%	x
296.00	297.00	1.00	433931	0.539	Sericitic alteration	5%	x
297.00	298.00	1.00	433932	1.237	Sericitic alteration	1%	x
298.00	299.00	1.00	433933	0.917	Sericitic alteration	1%	x
299.00	300.00	1.00	433934	0.962	Sericitic alteration	2%	x
300.00	301.00	1.00	433935	1.182	Sericitic alteration	5%	x
301.00	302.00	1.00	433937	1.019	Sericitic alteration	2%	x
302.00	303.00	1.00	433938	1.644	Sericitic alteration	2%	x
303.00	304.00	1.00	433939	2.303	Sericitic alteration	1%	x
304.00	305.00	1.00	433940	1.962	Sericitic alteration	4%	x
305.00	306.00	1.00	433941	0.601	Sericitic alteration	5%	x
306.00	307.00	1.00	433942	0.348	Sericitic alteration	5%	x
307.00	308.00	1.00	433943	0.717	Sericitic alteration	1%	x
308.00	309.00	1.00	433944	0.841	Sericitic alteration	4%	x
309.00	310.00	1.00	433945	0.547	Sericitic alteration	10%	x
310.00	311.00	1.00	433946	0.682	Sericitic alteration	1%	x
311.00	312.25	1.25	433947	2.619	Sericitic alteration	3%	x

From	To	Lithologic Group					
312.25	313.80	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
312.25	313.80	1.55	433949	0.450	Chloritic alteration	1%	x

From	To	Lithologic Group					
313.80	317.90	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
313.80	315.00	1.20	433951	0.671	Sericitic alteration	3%	x
315.00	316.00	1.00	433952	1.121	Sericitic alteration	3%	x
316.00	317.00	1.00	433953	0.637	Sericitic alteration	3%	x
317.00	317.90	0.90	433954	0.326	Sericitic alteration	3%	x

From	To	Lithologic Group					
317.90	318.80	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
317.90	318.80	0.90	433955	0.097	Chloritic alteration	15%	x

From	To	Lithologic Group					
318.80	390.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
318.80	320.00	1.20	433956	0.720	Sericitic alteration	2%	x
320.00	321.00	1.00	433957	0.632	Sericitic alteration	2%	x
321.00	322.00	1.00	433958	0.598	Sericitic alteration	2%	x
322.00	323.00	1.00	433959	1.685	Sericitic alteration	5%	x
323.00	324.00	1.00	433961	2.218	Sericitic alteration	2%	x
324.00	325.00	1.00	433962	1.627	Sericitic alteration	6%	x

325.00	326.00	1.00	433963	1.378	Sericitic alteration	2%	x
326.00	327.00	1.00	433964	1.727	Sericitic alteration	18%	x
327.00	328.00	1.00	433965	1.428	Sericitic alteration	2%	x
328.00	329.00	1.00	433966	0.801	Sericitic alteration	2%	x
329.00	330.00	1.00	433967	1.447	Sericitic alteration	2%	x
330.00	331.00	1.00	433968	1.935	Sericitic alteration	3%	x
331.00	332.00	1.00	433969	0.864	Sericitic alteration	3%	x
332.00	333.00	1.00	433971	1.046	Sericitic alteration	6%	x
333.00	334.00	1.00	433973	4.590	Sericitic alteration	3%	x
334.00	335.00	1.00	433974	2.729	Sericitic alteration	5%	x
335.00	336.00	1.00	433975	2.457	Sericitic alteration	2%	x
336.00	337.00	1.00	433976	7.280	Sericitic alteration	1%	x
337.00	338.00	1.00	433977	5.720	Sericitic alteration	2%	x
338.00	339.00	1.00	433978	1.841	Sericitic alteration	4%	x
339.00	340.00	1.00	433979	2.844	Sericitic alteration	4%	x
340.00	341.00	1.00	433980	0.631	Sericitic alteration	4%	x small dyke
341.00	342.00	1.00	433981	1.779	Sericitic alteration	1%	x
342.00	343.00	1.00	433982	4.190	Sericitic alteration	3%	x
343.00	344.00	1.00	433983	6.090	Sericitic alteration	3%	x
344.00	345.00	1.00	433985	0.397	Sericitic alteration	1%	x
345.00	346.00	1.00	433986	0.586	Sericitic alteration	2%	x
346.00	347.00	1.00	433987	8.350	Sericitic alteration	2%	x
347.00	348.00	1.00	433988	0.443	Sericitic alteration	2%	x
348.00	349.00	1.00	433989	0.359	Sericitic alteration	2%	x
349.00	350.00	1.00	433991	1.125	Sericitic alteration	1%	x
350.00	351.00	1.00	433992	1.004	Sericitic alteration	2%	x
351.00	352.00	1.00	433993	9.690	Sericitic alteration	12%	x
352.00	353.00	1.00	433994	2.900	Sericitic alteration	2%	x
353.00	354.00	1.00	433995	1.700	Sericitic alteration	2%	x
354.00	355.00	1.00	433997	9.050	Sericitic alteration	1%	x
355.00	356.00	1.00	433998	0.253	Sericitic alteration	1%	x
356.00	357.00	1.00	433999	1.765	Sericitic alteration	2%	x
357.00	358.00	1.00	434000	0.274	Sericitic alteration	1%	x
358.00	359.00	1.00	441001	1.956	Sericitic alteration	1%	x
359.00	360.00	1.00	441002	4.740	Sericitic alteration	3%	x
360.00	361.00	1.00	441003	4.260	Sericitic alteration	1%	x
361.00	362.00	1.00	441004	8.090	Sericitic alteration	3%	x
362.00	363.00	1.00	441005	1.724	Sericitic alteration	1%	x
363.00	364.00	1.00	441006	2.880	Sericitic alteration	5%	x
364.00	365.00	1.00	441007	0.268	Sericitic alteration	8%	x lots of frc
365.00	366.00	1.00	441008	0.840	Sericitic alteration	2%	x lots of frc
366.00	367.00	1.00	441009	0.429	Sericitic alteration	8%	x lots of frc

367.00	368.00	1.00	441011	4.340	Sericitic alteration	2%	x lots of frc
368.00	369.00	1.00	441013	1.029	Sericitic alteration	2%	x
369.00	370.00	1.00	441014	0.240	Sericitic alteration	2%	x
370.00	371.00	1.00	441015	0.276	Sericitic alteration	2%	x
371.00	372.00	1.00	441016	0.300	Sericitic alteration	3%	x
372.00	373.00	1.00	441017	1.354	Sericitic alteration	4%	x
373.00	374.00	1.00	441018	0.295	Sericitic alteration	1%	x
374.00	375.00	1.00	441019	0.143	Sericitic alteration	1%	x
375.00	376.00	1.00	441020	0.123	Sericitic alteration	4%	x
376.00	377.00	1.00	441021	1.519	Sericitic alteration	1%	x
377.00	378.00	1.00	441022	2.909	Sericitic alteration	2%	x
378.00	379.00	1.00	441023	0.154	Sericitic alteration	1%	x
379.00	380.00	1.00	441025	0.470	Sericitic alteration	2%	x
380.00	381.00	1.00	441026	0.312	Sericitic alteration	2%	x
381.00	382.00	1.00	441027	0.118	Sericitic alteration	1%	x
382.00	383.00	1.00	441028	0.147	Sericitic alteration	3%	x
383.00	384.00	1.00	441029	0.142	Sericitic alteration	3%	x
384.00	385.00	1.00	441031	1.245	Sericitic alteration	3%	x
385.00	386.00	1.00	441032	0.181	Sericitic alteration	1%	x
386.00	387.00	1.00	441033	0.317	Sericitic alteration	1%	x
387.00	388.00	1.00	441034	3.430	Sericitic alteration	2%	x
388.00	389.00	1.00	441035	1.827	Sericitic alteration	1%	x
389.00	390.00	1.00	441037	0.276	Sericitic alteration	2%	x

DRILL HOLE REPORT

Drill Hole **GOS21-94** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 120.0
 Dip -63.0
 Length 487.0 m
 Started 22-Jul-21
 Completed 07-Aug-21
 Logged 17-Aug-21
 Logged by Erik Bobechko

Company
 Contractor Chenier Drilling
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Capped

Survey Details:

Claim Number PAT-11127
 Property Chester
 Township CHESTER
 Spotted by
 Surveyed by
 Collar Orientation Reflex Multi-shot Survey
 Coord Survey Tool GPS

Coordinates:

Easting 430948.66
 Northing 5267906.53
 Elevation 383.49
 UTM Datum NAD83
 UTM Zone 17

Target
 Comments Erik Bobechko Logged from 0-306m
 Brian Tomczuk Logged 306m to EOH

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
12.0	126.77	-62.51		RM	Good	39.0	129.18	-62.12		RM	Good
15.0	127.59	-62.32		RM	Good	42.0	130.63	-62.07		RM	Good
18.0	127.51	-62.34		RM	Good	45.0	128.69	-62.04		RM	Good
19.5	127.75	-62.34		RM	Good	48.0	129.19	-62.07		RM	Good
21.0	128.47	-62.20		RM	Good	51.0	128.55	-62.08		RM	Good
24.0	128.17	-62.21		RM	Good	54.0	128.74	-61.99		RM	Good
27.0	127.81	-62.16		RM	Good	57.0	129.23	-62.00		RM	Good
30.0	128.52	-62.14		RM	Good	60.0	129.54	-62.01		RM	Good
33.0	128.67	-62.14		RM	Good	63.0	129.52	-61.98		RM	Good
36.0	128.44	-62.13		RM	Good	66.0	129.46	-61.96		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
69.0	132.59	-61.95		RM	Good
72.0	129.95	-61.93		RM	Good
75.0	130.45	-61.91		RM	Good
78.0	130.50	-61.90		RM	Good
81.0	130.35	-61.88		RM	Good
84.0	130.42	-61.89		RM	Good
87.0	130.57	-61.87		RM	Good
90.0	130.87	-61.85		RM	Good
93.0	132.07	-61.86		RM	Good
96.0	130.83	-61.83		RM	Good
99.0	131.15	-61.86		RM	Good
102.0	132.26	-61.94		RM	Good
105.0	131.04	-61.85		RM	Good
108.0	130.71	-61.83		RM	Good
111.0	129.68	-61.36		RM	Good
114.0	130.52	-61.75		RM	Good
117.0	131.28	-61.73		RM	Good
120.0	131.80	-61.72		RM	Good
123.0	131.69	-61.73		RM	Good
126.0	132.56	-61.73		RM	Good
129.0	132.23	-61.68		RM	Good
132.0	132.18	-61.65		RM	Good
135.0	132.00	-61.61		RM	Good
138.0	132.27	-61.59		RM	Good
141.0	132.87	-61.45		RM	Good
144.0	132.27	-61.55		RM	Good
147.0	132.50	-61.56		RM	Good
150.0	132.15	-61.16		RM	Good
153.0	132.28	-61.44		RM	Good
156.0	132.33	-61.43		RM	Good
159.0	132.37	-61.41		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
162.0	132.43	-61.37		RM	Good
165.0	132.62	-61.29		RM	Good
168.0	132.88	-61.22		RM	Good
171.0	132.81	-61.16		RM	Good
174.0	132.85	-61.09		RM	Good
177.0	132.92	-61.10		RM	Good
180.0	132.93	-61.01		RM	Good
183.0	132.77	-60.93		RM	Good
186.0	132.87	-60.87		RM	Good
189.0	132.91	-60.76		RM	Good
192.0	133.17	-60.77		RM	Good
195.0	132.82	-60.71		RM	Good
198.0	132.85	-60.67		RM	Good
200.0	132.32	-60.41		RM	Good
201.0	132.95	-60.64		RM	Good
204.0	132.84	-60.59		RM	Good
207.0	132.95	-60.52		RM	Good
210.0	132.96	-60.42		RM	Good
213.0	132.99	-60.34		RM	Good
216.0	132.72	-60.37		RM	Good
219.0	133.04	-60.29		RM	Good
222.0	133.23	-60.27		RM	Good
225.0	133.12	-60.15		RM	Good
228.0	133.23	-60.07		RM	Good
231.0	133.11	-60.02		RM	Good
234.0	133.19	-59.96		RM	Good
237.0	134.19	-59.90		RM	Good
240.0	133.30	-59.86		RM	Good
243.0	133.74	-59.83		RM	Good
246.0	133.65	-59.76		RM	Good
249.0	133.77	-59.74		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
252.0	133.67	-59.72		RM	Good
255.0	133.99	-59.76		RM	Good
258.0	133.99	-59.70		RM	Good
261.0	134.13	-59.70		RM	Good
264.0	134.18	-59.62		RM	Good
267.0	134.17	-59.55		RM	Good
270.0	134.16	-59.54		RM	Good
273.0	134.15	-59.53		RM	Good
276.0	134.20	-59.48		RM	Good
279.0	134.35	-59.47		RM	Good
282.0	134.34	-59.36		RM	Good
285.0	134.50	-59.31		RM	Good
288.0	134.52	-59.25		RM	Good
291.0	134.51	-59.13		RM	Good
294.0	134.67	-59.06		RM	Good
297.0	134.81	-59.02		RM	Good
300.0	135.33	-58.77		RM	Good
303.0	134.86	-58.95		RM	Good
306.0	134.93	-58.88		RM	Good
309.0	134.79	-58.84		RM	Good
312.0	134.81	-58.91		RM	Good
315.0	135.59	-58.87		RM	Good
318.0	134.98	-58.83		RM	Good
321.0	135.23	-58.83		RM	Good
324.0	135.19	-58.81		RM	Good
327.0	135.31	-58.78		RM	Good
330.0	135.30	-58.77		RM	Good
333.0	135.36	-58.77		RM	Good
336.0	135.59	-58.77		RM	Good
339.0	135.76	-58.75		RM	Good
342.0	135.87	-58.69		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
345.0	135.84	-58.66		RM	Good
348.0	136.05	-58.71		RM	Good
351.0	136.09	-58.72		RM	Good
354.0	135.97	-58.67		RM	Good
357.0	136.18	-58.67		RM	Good
360.0	136.75	-58.68		RM	Good
363.0	135.92	-58.66		RM	Good
366.0	136.97	-58.58		RM	Good
369.0	136.28	-58.54		RM	Good
372.0	135.74	-58.45		RM	Good
375.0	135.90	-58.41		RM	Good
378.0	135.62	-58.32		RM	Good
381.0	135.86	-58.30		RM	Good
384.0	136.34	-58.25		RM	Good
387.0	136.29	-58.20		RM	Good
390.0	136.62	-58.19		RM	Good
393.0	136.88	-58.06		RM	Good
396.0	136.65	-57.92		RM	Good
399.0	136.80	-57.90		RM	Good
400.0	137.81	-57.52		RM	Good
402.0	136.88	-57.85		RM	Good
405.0	136.97	-57.78		RM	Good
408.0	137.28	-57.78		RM	Good
411.0	137.09	-57.70		RM	Good
414.0	137.16	-57.66		RM	Good
417.0	137.13	-57.58		RM	Good
420.0	137.40	-57.49		RM	Good
423.0	137.81	-57.51		RM	Good
426.0	137.85	-57.41		RM	Good
429.0	138.30	-57.43		RM	Good
432.0	138.35	-57.33		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
435.0	138.64	-57.36		RM	Good
438.0	138.82	-57.36		RM	Good
441.0	139.15	-57.32		RM	Good
444.0	139.67	-57.28		RM	Good
447.0	139.75	-57.18		RM	Good
450.0	139.89	-57.04		RM	Good
453.0	140.10	-57.00		RM	Good
456.0	140.07	-56.92		RM	Good
459.0	140.40	-56.86		RM	Good
462.0	140.43	-56.85		RM	Good
465.0	140.49	-56.83		RM	Good
468.0	140.59	-56.86		RM	Good
471.0	140.97	-56.87		RM	Good
474.0	140.92	-56.83		RM	Good
477.0	141.13	-56.82		RM	Good
480.0	141.02	-56.80		RM	Good
483.0	141.37	-56.77		RM	Good
486.0	142.18	-56.91		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
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From	To	Lithologic Group					
0.00	8.85	Overburden					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	8.85	8.85			Unaltered	0%	Overburden

From	To	Lithologic Group					
8.85	28.20	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
8.85	10.00	1.15	443501	0.007	Silicified	2%	medium grained, equigranular, non-magnetic, weak alt, hem alt
10.00	11.00	1.00	443502	0.013	Silicified	2%	
11.00	12.00	1.00	443503	0.014	Silicified	4%	very minor fault breccia
12.00	13.00	1.00	443504	0.006	Silicified	2%	
13.00	14.00	1.00	443505	0.005	Silicified	5%	
14.00	15.00	1.00	443506	0.011	Silicified	4%	
15.00	16.00	1.00	443507	0.222	Silicified	5%	
16.00	17.00	1.00	443508	0.184	Silicified	2%	
17.00	18.00	1.00	443509	0.116	Silicified	3%	
18.00	19.00	1.00	443511	0.005	Silicified	5%	
19.00	20.00	1.00	443513	0.016	Sericitic alteration	1%	
20.00	21.00	1.00	443514	0.005	Silicified	6%	
21.00	22.00	1.00	443515	0.005	Sericitic alteration	4%	
22.00	23.00	1.00	443516	0.027	Silicified	8%	
23.00	24.00	1.00	443517	0.059	Silicified	3%	
24.00	25.00	1.00	443518	0.008	Silicified	3%	
25.00	26.00	1.00	443519	0.013	Silicified	2%	
26.00	27.00	1.00	443520	0.038	Silicified	2%	
27.00	28.20	1.20	443521	0.005	Silicified	3%	

From	To	Lithologic Group					
28.20	29.10	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
28.20	29.10	0.90	443522	0.005	Chloritic alteration	6%	

From	To	Lithologic Group					
29.10	31.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
29.10	30.00	0.90	443523	0.013	Silicified	3%	
30.00	31.00	1.00	443525	0.020	Silicified	4%	10cm of flt bx

From	To	Lithologic Group					
31.00	32.10	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
31.00	32.10	1.10	443526	0.005	Chloritic alteration	4%	
From	To	Lithologic Group					
32.10	36.60	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
32.10	33.00	0.90	443527	0.011	Silicified	6%	
33.00	34.00	1.00	443528	0.051	Sericitic alteration	8%	
34.00	35.20	1.20	443529	2.772	Sericitic alteration	4%	
35.20	36.60	1.40	443531	0.301	Silicified	2%	
From	To	Lithologic Group					
36.60	48.05	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
36.60	38.00	1.40	443532	0.019	Chloritic alteration	16%	fine grained, chilled margin, green-grey, massive to weakly fol, irg q-cb veinlets
38.00	39.00	1.00	443533	0.325	Chloritic alteration	10%	
39.00	40.00	1.00	443534	0.351	Chloritic alteration	6%	
40.00	41.00	1.00	443535	0.021	Chloritic alteration	3%	
41.00	42.00	1.00	443537	0.037	Chloritic alteration	4%	
42.00	43.00	1.00	443538	0.218	Chloritic alteration	3%	
43.00	44.00	1.00	443539	0.229	Chloritic alteration	4%	
44.00	45.00	1.00	443540	0.046	Chloritic alteration	3%	
45.00	46.00	1.00	443541	0.067	Chloritic alteration	3%	
46.00	47.00	1.00	443542	0.659	Chloritic alteration	8%	
47.00	48.05	1.05	443543	0.036	Chloritic alteration	8%	
From	To	Lithologic Group					
48.05	118.50	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
48.05	49.00	0.95	443544	0.063	Sericitic alteration	6%	medium grained, grey, non mag, equigranular
49.00	50.00	1.00	443545	0.013	Sericitic alteration	4%	
50.00	51.00	1.00	443546	0.005	Sericitic alteration	3%	
51.00	52.00	1.00	443547	0.026	Silicified	4%	
52.00	53.00	1.00	443549	0.032	Silicified	2%	
53.00	54.00	1.00	443551	0.118	Silicified	2%	
54.00	55.00	1.00	443552	0.111	Silicified	2%	
55.00	56.00	1.00	443553	0.096	Silicified	3%	
56.00	57.00	1.00	443554	0.090	Silicified	2%	
57.00	58.00	1.00	443555	0.018	Silicified	1%	
58.00	59.00	1.00	443556	0.068	Silicified	3%	
59.00	60.00	1.00	443557	0.067	Silicified	3%	

60.00	61.00	1.00	443558	0.074	Silicified	3%
61.00	62.00	1.00	443559	0.030	Silicified	2%
62.00	63.00	1.00	443561	0.148	Silicified	3%
63.00	64.00	1.00	443562	0.153	Silicified	3%
64.00	65.00	1.00	443563	0.480	Silicified	5%
65.00	66.00	1.00	443564	0.337	Silicified	5%
66.00	67.00	1.00	443565	0.069	Silicified	4%
67.00	68.00	1.00	443566	0.057	Silicified	6%
68.00	69.50	1.50	443567	0.064	Sericitic alteration	15%
69.50	71.00	1.50	443568	0.027	Silicified	3%
71.00	72.00	1.00	443569	0.068	Silicified	3%
72.00	73.00	1.00	443571	0.005	Silicified	1%
73.00	74.50	1.50	443573	0.040	Silicified	4%
74.50	75.50	1.00	443574	0.628	Silicified	3%
75.50	76.50	1.00	443575	0.015	Silicified	2%
76.50	77.50	1.00	443576	0.034	Silicified	2%
77.50	78.50	1.00	443577	0.010	Silicified	2%
78.50	79.50	1.00	443578	0.005	Silicified	5%
79.50	80.50	1.00	443579	0.022	Silicified	3%
80.50	81.50	1.00	443580	0.027	Silicified	4%
81.50	82.50	1.00	443581	0.035	Silicified	3%
82.50	83.50	1.00	443582	0.041	Silicified	3%
83.50	84.50	1.00	443583	0.043	Silicified	2%
84.50	85.50	1.00	443585	0.076	Silicified	2%
85.50	86.50	1.00	443586	0.008	Silicified	3%
86.50	87.50	1.00	443587	0.007	Silicified	9%
87.50	89.00	1.50	443588	0.007	Sericitic alteration	5%
89.00	90.50	1.50	443589	0.026	Silicified	2%
90.50	91.50	1.00	443591	0.023	Silicified	2%
91.50	92.50	1.00	443592	0.160	Silicified	2%
92.50	93.50	1.00	443593	0.068	Sericitic alteration	3%
93.50	94.50	1.00	443594	0.005	Sericitic alteration	8%
94.50	95.50	1.00	443595	0.005	Sericitic alteration	5%
95.50	96.50	1.00	443597	0.005	Sericitic alteration	2%
96.50	97.75	1.25	443598	0.063	Sericitic alteration	3%
97.75	98.50	0.75	443599	0.102	Silicified	3%
98.50	99.50	1.00	443600	0.225	Silicified	5%
99.50	100.50	1.00	443601	0.143	Silicified	3%
100.50	101.50	1.00	443602	0.098	Silicified	2%
101.50	102.50	1.00	443603	0.010	Silicified	2%
102.50	103.50	1.00	443604	0.123	Silicified	3%
103.50	104.50	1.00	443605	0.005	Silicified	2%

104.50	105.50	1.00	443606	0.031	Silicified	2%	
105.50	106.50	1.00	443607	0.083	Silicified	2%	
106.50	107.50	1.00	443608	0.096	Silicified	3%	
107.50	108.50	1.00	443609	0.016	Silicified	2%	
108.50	109.50	1.00	443611	0.044	Silicified	1%	
109.50	110.50	1.00	443613	0.028	Silicified	2%	
110.50	111.50	1.00	443614	0.028	Silicified	2%	
111.50	112.50	1.00	443615	0.071	Silicified	5%	
112.50	113.50	1.00	443616	0.545	Silicified	5%	
113.50	114.50	1.00	443617	0.131	Silicified	4%	
114.50	115.50	1.00	443618	0.105	Silicified	3%	
115.50	116.70	1.20	443619	0.185	Silicified	2%	
116.70	117.50	0.80	443620	0.052	Sericitic alteration	1%	
117.50	118.50	1.00	443621	0.332	Sericitic alteration	1%	10cm mafdk

From	To	Lithologic Group					
118.50	123.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
118.50	119.45	0.95	443622	0.233	Sericitic alteration	2%	5% mx, In situ hdbx, intense ser overprint, strong py min
119.45	120.50	1.05	443623	0.466	Sericitic alteration	4%	15% mx
120.50	121.50	1.00	443625	0.229	Sericitic alteration	1%	10% mx
121.50	123.00	1.50	443626	0.110	Sericitic alteration	3%	5% mx

From	To	Lithologic Group					
123.00	159.60	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
123.00	124.50	1.50	443627	0.048	Silicified	2%	
124.50	125.50	1.00	443628	0.026	Silicified	1%	
125.50	126.50	1.00	443629	0.050	Silicified	2%	
126.50	127.50	1.00	443631	0.068	Silicified	2%	
127.50	128.50	1.00	443632	0.113	Silicified	2%	
128.50	129.50	1.00	443633	0.382	Sericitic alteration	2%	
129.50	130.50	1.00	443634	0.632	Sericitic alteration	2%	
130.50	131.50	1.00	443635	0.255	Sericitic alteration	3%	
131.50	132.50	1.00	443637	0.234	Sericitic alteration	2%	
132.50	133.50	1.00	443638	0.068	Sericitic alteration	1%	
133.50	135.00	1.50	443639	0.105	Sericitic alteration	2%	
135.00	136.00	1.00	443640	0.030	Sericitic alteration	2%	
136.00	137.00	1.00	443641	0.057	Sericitic alteration	2%	
137.00	138.00	1.00	443642	0.272	Sericitic alteration	4%	
138.00	139.00	1.00	443643	0.395	Sericitic alteration	4%	
139.00	140.25	1.25	443644	0.213	Sericitic alteration	2%	
140.25	141.00	0.75	443645	0.107	Silicified	2%	

141.00	142.00	1.00	443646	1.353	Silicified	2%	
142.00	143.00	1.00	443647	0.364	Silicified	4%	
143.00	144.00	1.00	443649	0.116	Silicified	2%	
144.00	145.00	1.00	443651	0.100	Silicified	1%	
145.00	146.00	1.00	443652	0.190	Silicified	2%	
146.00	147.00	1.00	443653	0.231	Silicified	3%	5cm of irg diabase contact
147.00	148.05	1.05	443654	0.096	Silicified	2%	30cm diabase
148.05	149.00	0.95	443655	0.137	Silicified	3%	
149.00	150.20	1.20	443656	0.218	Silicified	2%	
150.20	151.00	0.80	443657	0.169	Silicified	1%	
151.00	152.00	1.00	443658	0.154	Silicified	3%	
152.00	153.00	1.00	443659	0.131	Silicified	3%	5cm diabase
153.00	154.00	1.00	443661	0.102	Silicified	2%	
154.00	155.00	1.00	443662	0.137	Silicified	2%	5cm mafdk
155.00	156.00	1.00	443663	0.070	Silicified	3%	
156.00	156.95	0.95	443664	0.152	Silicified	1%	
156.95	158.10	1.15	443665	0.027	Silicified	5%	
158.10	159.60	1.50	443666	0.228	Silicified	2%	

From	To	Lithologic Group	
159.60	160.50	Lamprophyre Dyke	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
159.60	160.50	0.90	443667	0.012	Chloritic alteration	5%	dark green, fine grained, sharp contacts, massive-weakly foliated

From	To	Lithologic Group	
160.50	199.70	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
160.50	162.00	1.50	443668	0.441	Silicified	4%	
162.00	163.00	1.00	443669	0.259	Silicified	3%	
163.00	164.00	1.00	443671	0.021	Silicified	2%	5cm lamdk
164.00	165.00	1.00	443673	0.105	Silicified	3%	
165.00	166.00	1.00	443674	0.094	Silicified	4%	8cm lamdk, strong biotite fracturing
166.00	167.00	1.00	443675	0.139	Silicified	2%	
167.00	168.00	1.00	443676	0.150	Silicified	3%	
168.00	169.00	1.00	443677	0.416	Silicified	3%	
169.00	170.00	1.00	443678	5.510	Silicified	2%	
170.00	171.00	1.00	443679	0.212	Silicified	3%	
171.00	172.00	1.00	443680	0.148	Silicified	3%	
172.00	173.00	1.00	443681	0.083	Silicified	2%	
173.00	174.00	1.00	443682	0.164	Silicified	2%	
174.00	175.00	1.00	443683	0.490	Silicified	2%	
175.00	176.00	1.00	443685	0.068	Silicified	1%	

176.00	177.00	1.00	443686	0.134	Silicified	2%	
177.00	178.00	1.00	443687	0.122	Silicified	2%	
178.00	179.00	1.00	443688	0.255	Silicified	1%	
179.00	180.00	1.00	443689	0.053	Silicified	2%	
180.00	181.00	1.00	443691	0.588	Silicified	2%	
181.00	182.00	1.00	443692	0.136	Silicified	2%	
182.00	183.00	1.00	443693	0.843	Silicified	2%	
183.00	184.00	1.00	443694	0.483	Silicified	1%	
184.00	185.00	1.00	443695	0.101	Silicified	1%	
185.00	186.00	1.00	443697	0.601	Silicified	1%	
186.00	187.00	1.00	443698	0.217	Silicified	1%	
187.00	188.10	1.10	443699	1.042	Silicified	5%	15cm mafdk
188.10	189.00	0.90	443700	0.861	Silicified	2%	
189.00	190.00	1.00	443701	1.993	Silicified	1%	
190.00	191.00	1.00	443702	0.436	Silicified	1%	
191.00	192.50	1.50	443703	1.523	Silicified	2%	40cm mafdk
192.50	194.00	1.50	443704	0.851	Silicified	2%	
194.00	195.50	1.50	443705	1.084	Silicified	2%	
195.50	197.00	1.50	443706	0.373	Silicified	2%	
197.00	198.00	1.00	443707	0.196	Silicified	5%	VG in white, 4cm, qz-cl vn w/ cpy+py mtv, "unassuming" looking
198.00	199.00	1.00	443709	0.172	Silicified	3%	
199.00	199.70	0.70	443711	0.189	Silicified	1%	

From	To	Lithologic Group	
199.70	200.50	Diabase	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
199.70	200.50	0.80	443713	0.021	Chloritic alteration	1%	dark green/black, vfg, scattered 2-4mm white plag xstals?

From	To	Lithologic Group	
200.50	280.95	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
200.50	202.00	1.50	443714	1.471	Silicified	3%	
202.00	203.00	1.00	443715	0.258	Silicified	8%	
203.00	204.00	1.00	443716	0.173	Silicified	1%	
204.00	205.00	1.00	443717	0.089	Silicified	1%	40cm diabase
205.00	206.00	1.00	443718	0.836	Silicified	2%	
206.00	207.00	1.00	443719	0.553	Silicified	2%	
207.00	208.00	1.00	443720	0.077	Silicified	2%	
208.00	209.00	1.00	443721	0.261	Silicified	1%	
209.00	210.00	1.00	443722	0.337	Silicified	3%	
210.00	211.00	1.00	443723	2.717	Silicified	2%	
211.00	212.00	1.00	443725	0.046	Silicified	1%	

212.00	213.00	1.00	443726	0.095	Silicified	1%	
213.00	214.00	1.00	443727	0.084	Silicified	2%	
214.00	215.00	1.00	443728	0.526	Silicified	3%	
215.00	216.00	1.00	443729	0.063	Silicified	3%	
216.00	217.00	1.00	443731	0.029	Silicified	12%	
217.00	218.00	1.00	443732	0.056	Silicified	1%	
218.00	219.00	1.00	443733	0.150	Silicified	1%	
219.00	220.00	1.00	443734	0.346	Silicified	2%	
220.00	221.00	1.00	443735	0.049	Silicified	1%	
221.00	222.00	1.00	443737	0.086	Silicified	2%	10cm diabase
222.00	223.50	1.50	443738	0.309	Silicified	2%	x3 small (5cm) ton2 dikes w/ strong alt halos
223.50	225.00	1.50	443739	0.156	Silicified	4%	
225.00	226.00	1.00	443740	0.036	Silicified	1%	
226.00	227.00	1.00	443741	0.021	Silicified	1%	
227.00	228.00	1.00	443742	0.020	Silicified	2%	
228.00	229.00	1.00	443743	0.011	Silicified	1%	
229.00	230.00	1.00	443744	0.039	Silicified	4%	VG+Te in 4cm white qz-cl-cpy- py vn
230.00	231.00	1.00	443746	0.016	Silicified	1%	
231.00	232.00	1.00	443747	0.656	Silicified	2%	
232.00	233.00	1.00	443749	0.096	Silicified	1%	
233.00	234.00	1.00	443751	0.079	Silicified	2%	
234.00	235.00	1.00	443752	0.558	Silicified	2%	
235.00	236.00	1.00	443753	0.238	Silicified	1%	
236.00	237.00	1.00	443754	2.751	Silicified	2%	
237.00	238.00	1.00	443755	0.076	Silicified	2%	
238.00	239.00	1.00	443756	0.192	Silicified	3%	
239.00	240.00	1.00	443757	0.086	Silicified	2%	
240.00	241.00	1.00	443758	0.190	Silicified	3%	
241.00	242.00	1.00	443759	0.375	Silicified	1%	
242.00	243.00	1.00	443761	0.207	Silicified	1%	
243.00	244.00	1.00	443762	3.930	Sericitic alteration	4%	Mo in qz-cb-cl-py-cpy vn
244.00	245.00	1.00	443763	0.036	Silicified	1%	
245.00	246.00	1.00	443764	0.207	Silicified	2%	
246.00	247.00	1.00	443765	0.176	Silicified	3%	
247.00	248.00	1.00	443766	1.351	Silicified	3%	
248.00	249.00	1.00	443767	0.391	Silicified	2%	
249.00	250.00	1.00	443768	0.255	Silicified	2%	
250.00	251.00	1.00	443769	0.134	Sericitic alteration	6%	
251.00	252.00	1.00	443771	0.195	Sericitic alteration	2%	
252.00	253.00	1.00	443773	0.478	Silicified	2%	
253.00	254.00	1.00	443774	0.884	Silicified	3%	

254.00	255.00	1.00	443775	0.514	Silicified	4%	
255.00	256.00	1.00	443776	0.699	Silicified	4%	
256.00	257.00	1.00	443777	0.599	Silicified	2%	
257.00	258.00	1.00	443778	0.846	Silicified	3%	
258.00	259.00	1.00	443779	2.751	Silicified	3%	
259.00	260.00	1.00	443780	1.953	Silicified	4%	
260.00	261.00	1.00	443781	0.911	Silicified	2%	
261.00	262.00	1.00	443782	3.250	Silicified	7%	VG+Te in x2 1cm q-cb vn, sr halo,
262.00	263.00	1.00	443785	0.128	Silicified	3%	
263.00	264.00	1.00	443786	0.586	Silicified	4%	
264.00	265.00	1.00	443787	0.351	Silicified	2%	
265.00	266.00	1.00	443788	1.175	Silicified	3%	
266.00	267.00	1.00	443789	0.355	Silicified	3%	
267.00	268.00	1.00	443791	0.337	Silicified	5%	
268.00	269.00	1.00	443792	0.946	Silicified	4%	
269.00	270.00	1.00	443793	0.138	Silicified	4%	
270.00	271.00	1.00	443794	0.200	Silicified	2%	
271.00	272.00	1.00	443795	0.139	Silicified	2%	
272.00	273.00	1.00	443797	0.161	Silicified	2%	
273.00	274.00	1.00	443798	0.214	Silicified	2%	
274.00	275.00	1.00	443799	0.228	Silicified	3%	
275.00	276.00	1.00	443800	1.546	Silicified	2%	
276.00	277.00	1.00	443801	0.188	Silicified	2%	
277.00	277.92	0.92	443802	0.188	Silicified	3%	
277.92	279.00	1.08	443803	4.990	Silicified	3%	VG+Te in qv w/ ser halo
279.00	280.00	1.00	443805	0.067	Silicified	1%	
280.00	280.95	0.95	443806	0.086	Silicified	3%	

From	To	Lithologic Group					
280.95	281.95	Lamprophyre Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
280.95	281.95	1.00	443807	0.011	Biotitic alteration	10%	

From	To	Lithologic Group					
281.95	290.30	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
281.95	283.00	1.05	443808	3.850	Silicified	2%	
283.00	284.00	1.00	443809	0.241	Silicified	1%	
284.00	285.00	1.00	443811	0.259	Silicified	1%	
285.00	286.00	1.00	443813	0.272	Silicified	2%	
286.00	287.00	1.00	443814	0.257	Silicified	1%	
287.00	288.00	1.00	443815	0.210	Silicified	3%	
288.00	289.00	1.00	443816	0.520	Silicified	2%	

289.00	290.30	1.30	443817	0.174	Silicified	2%	
From	To		Lithologic Group				
290.30	295.75		Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
290.30	291.00	0.70	443818	0.239	Silicified	2%	Beige, very fine grained/aphantitic, intense sil, weakly foliated
291.00	292.00	1.00	443819	0.090	Silicified	1%	
292.00	293.00	1.00	443820	0.130	Silicified	1%	4cm of brecciated ton2
293.00	294.00	1.00	443821	0.180	Silicified	3%	
294.00	295.00	1.00	443822	0.168	Silicified	3%	
295.00	295.75	0.75	443823	0.158	Silicified	2%	
From	To		Lithologic Group				
295.75	298.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
295.75	297.00	1.25	443825	0.498	Silicified	3%	Ton wall rock, 6% mx, 5% Ton2 intrusions
297.00	298.00	1.00	443826	0.840	Silicified	4%	10% mx
From	To		Lithologic Group				
298.00	302.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
298.00	299.00	1.00	443827	0.427	Silicified	2%	5% ton2 intrusions
299.00	300.00	1.00	443828	0.274	Silicified	3%	
300.00	301.00	1.00	443829	0.192	Silicified	2%	
301.00	302.00	1.00	443831	0.673	Silicified	4%	
From	To		Lithologic Group				
302.00	308.00		Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
302.00	303.00	1.00	443832	0.537	Silicified	4%	15% ton2 mx
303.00	304.00	1.00	443833	0.163	Silicified	3%	53% ton2 mx
304.00	305.00	1.00	443834	0.216	Silicified	2%	80% ton2 mx
305.00	306.00	1.00	443835	0.203	Silicified	3%	65% ton2 mx
306.00	307.00	1.00	443837	0.628	Sericitic alteration	3%	50% ton2 mx
307.00	308.00	1.00	443838	0.225	Sericitic alteration	2%	80% ton2 mx
From	To		Lithologic Group				
308.00	309.12		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
308.00	309.12	1.12	443839	0.535	Sericitic alteration	2%	mg, mass, gry, eq, non-mag
From	To		Lithologic Group				
309.12	313.40		Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
309.12	310.00	0.88	443840	0.301	Sericitic alteration	4%	15% ton2 mx; ton as above brecciated by siliceous ton 2

310.00	311.00	1.00	443841	0.531	Sericitic alteration	1%	20% ton2 mx
311.00	312.00	1.00	443842	0.282	Sericitic alteration	1%	20% ton2 mx
312.00	313.40	1.40	443843	1.909	Sericitic alteration	3%	25% ton2 mx
From 313.40	To 318.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
313.40	314.00	0.60	443844	0.107	Silicified	1%	mg, mass, gry, eq, non-mag
314.00	315.00	1.00	443845	0.290	Sericitic alteration	1%	
315.00	316.00	1.00	443846	1.199	Sericitic alteration	2%	
316.00	317.00	1.00	443847	0.487	Sericitic alteration	1%	x-cut bt ton vein
317.00	318.00	1.00	443849	0.731	Sericitic alteration	1%	
From 318.00	To 319.35		Lithologic Group Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
318.00	319.35	1.35	443851	0.498	Sericitic alteration	3%	20% ton2 mx; ton as above brecciated by siliceous ton 2
From 319.35	To 322.35		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
319.35	320.00	0.65	443852	1.648	Silicified	2%	mg, mass, gry, eq, non-mag
320.00	321.00	1.00	443853	0.922	Silicified	2%	
321.00	322.35	1.35	443854	2.060	Silicified	3%	
From 322.35	To 323.40		Lithologic Group Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
322.35	323.40	1.05	443855	0.300	Sericitic alteration	1%	30% ton2 mx; ton as above brecciated by siliceous ton 2
From 323.40	To 325.80		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
323.40	325.00	1.60	443856	0.324	Silicified	1%	mg, mass, gry, eq, non-mag
325.00	325.80	0.80	443857	0.238	Silicified	1%	
From 325.80	To 327.90		Lithologic Group Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
325.80	327.00	1.20	443858	0.390	Sericitic alteration	2%	15% ton2 mx; ton as above brecciated by siliceous ton 2
327.00	327.90	0.90	443859	0.163	Sericitic alteration	2%	70% ton2 mx
From 327.90	To 334.23		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
327.90	329.00	1.10	443861	0.785	Sericitic alteration	3%	1cm py-cpy-mo vn; mag, eq, gry, non-magnetic

329.00	330.00	1.00	443862	0.723	Silicified	4%	
330.00	331.00	1.00	443863	0.517	Silicified	2%	
331.00	332.00	1.00	443864	0.522	Sericitic alteration	1%	
332.00	333.00	1.00	443865	0.113	Silicified	2%	
333.00	334.23	1.23	443866	0.647	Sericitic alteration	3%	

From	To	Lithologic Group					
334.23	337.00	Tonalite 2 Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
334.23	335.00	0.77	443867	0.544	Sericitic alteration	1%	35% ton2 mx; ton as above brecciated by siliceous ton 2
335.00	336.00	1.00	443868	0.521	Sericitic alteration	1%	80% ton2 mx
336.00	337.00	1.00	443869	1.194	Sericitic alteration	2%	70% ton2 mx

From	To	Lithologic Group					
337.00	345.55	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
337.00	338.00	1.00	443871	0.221	Silicified	1%	mg, mass, gry, eq, non-magnetic
338.00	339.00	1.00	443873	1.646	Sericitic alteration	3%	
339.00	340.00	1.00	443874	0.345	Sericitic alteration	1%	
340.00	341.00	1.00	443875	0.382	Sericitic alteration	1%	
341.00	342.00	1.00	443876	1.022	Sericitic alteration	2%	
342.00	343.00	1.00	443877	0.757	Sericitic alteration	1%	
343.00	344.00	1.00	443878	0.136	Sericitic alteration	2%	
344.00	345.00	1.00	443879	0.631	Sericitic alteration	2%	
345.00	345.55	0.55	443880	0.781	Sericitic alteration	1%	

From	To	Lithologic Group					
345.55	346.05	Tonalite Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
345.55	346.05	0.50	443881	1.512	Chloritic alteration	0%	ton mtx w drk gry black sub rounded to sub angular mfc fragments

From	To	Lithologic Group					
346.05	371.35	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
346.05	347.00	0.95	443882	0.808	Silicified	1%	ton
347.00	348.15	1.15	443883	0.390	Silicified	3%	
348.15	349.00	0.85	443885	0.452	Sericitic alteration	3%	
349.00	350.00	1.00	443886	0.356	Sericitic alteration	1%	
350.00	351.00	1.00	443887	0.711	Sericitic alteration	2%	
351.00	352.00	1.00	443888	0.611	Sericitic alteration	1%	
352.00	353.00	1.00	443889	0.715	Sericitic alteration	1%	
353.00	354.00	1.00	443891	0.764	Sericitic alteration	1%	
354.00	355.00	1.00	443892	1.267	Sericitic alteration	2%	
355.00	355.50	0.50	443893	2.322	Sericitic alteration	1%	

355.50	356.50	1.00	443894	0.480	Sericitic alteration	1%	weak-mod fol
356.50	357.50	1.00	443895	1.000	Sericitic alteration	5%	weak-mod fol
357.50	358.50	1.00	443897	0.391	Sericitic alteration	3%	mod fol
358.50	359.50	1.00	443898	0.038	Sericitic alteration	1%	
359.50	360.50	1.00	443899	0.163	Sericitic alteration	2%	
360.50	361.50	1.00	443900	0.216	Sericitic alteration	1%	vn of ton2 8cm wide
361.50	362.50	1.00	443901	0.462	Sericitic alteration	2%	
362.50	363.50	1.00	443902	0.454	Sericitic alteration	1%	
363.50	364.50	1.00	443903	0.781	Sericitic alteration	2%	
364.50	366.00	1.50	443904	1.130	Sericitic alteration	2%	
366.00	367.00	1.00	443905	0.364	Sericitic alteration	1%	
367.00	368.45	1.45	443906	0.398	Sericitic alteration	6%	
368.45	369.50	1.05	443907	0.366	Silicified	1%	
369.50	370.50	1.00	443908	0.331	Silicified	1%	
370.50	371.35	0.85	443909	0.123	Silicified	1%	

From	To	Lithologic Group					
371.35	383.40	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
371.35	372.00	0.65	443911	0.062	Chloritic alteration	7%	drk grn, fg, mass w shrd contacts, 2-3% cb stringers overall, odd speck of py but calling it unmineralized
372.00	373.50	1.50	443913	0.008	Chloritic alteration	1%	
373.50	375.00	1.50	443914	0.008	Chloritic alteration	1%	
375.00	376.50	1.50	443915	0.008	Chloritic alteration	1%	
376.50	378.00	1.50	443916	0.005	Chloritic alteration	1%	
378.00	379.50	1.50	443917	0.006	Chloritic alteration	1%	
379.50	381.00	1.50	443918	0.006	Chloritic alteration	1%	
381.00	382.50	1.50	443919	0.005	Chloritic alteration	1%	
382.50	383.40	0.90	443920	0.042	Chloritic alteration	3%	

From	To	Lithologic Group					
383.40	383.80	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
383.40	383.80	0.40	443921	1.277	Silicified	3%	ton, gry, mg, eq, mass, non-magnetic

From	To	Lithologic Group					
383.80	384.38	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
383.80	384.38	0.58	443922	2.406	Chloritic alteration	1%	fg, drg grn-blk, sheared; min at dh contact

From	To	Lithologic Group					
384.38	385.05	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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384.38	385.05	0.67	443923	0.005	Silicified	1%	
From	To		Lithologic Group				
385.05	385.47		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
385.05	385.47	0.42	443925	0.576	Chloritic alteration	2%	fg, drg grn-blk, sheared; min at dh contact
From	To		Lithologic Group				
385.47	389.35		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
385.47	387.00	1.53	443926	0.244	Silicified	2%	ton, gry-beige, mg, eq, mass, non-magnetic
387.00	388.00	1.00	443927	0.518	Silicified	1%	
388.00	389.35	1.35	443928	0.518	Silicified	2%	
From	To		Lithologic Group				
389.35	389.85		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
389.35	389.85	0.50	443929	0.285	Chloritic alteration	5%	fg, drg grn-blk, sheared
From	To		Lithologic Group				
389.85	397.30		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
389.85	391.00	1.15	443931	1.046	Sericitic alteration	2%	ton, gry, mg, eq, mass, non-magnetic
391.00	391.92	0.92	443932	0.778	Sericitic alteration	4%	
391.92	392.80	0.88	443933	0.622	Sericitic alteration	3%	
392.80	394.40	1.60	443934	2.284	Silicified	2%	
394.40	396.00	1.60	443935	0.877	Sericitic alteration	3%	
396.00	397.30	1.30	443937	10.400	Sericitic alteration	2%	
From	To		Lithologic Group				
397.30	398.40		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
397.30	398.40	1.10	443938	0.014	Biotitic alteration	0%	drk grn-blk, fg, bi-chl-cb altd, wkly fol, shrp contacts
From	To		Lithologic Group				
398.40	400.75		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
398.40	399.50	1.10	443939	3.830	Sericitic alteration	2%	ton, light gry, mass, eq, non-magnetic
399.50	400.75	1.25	443940	4.850	Sericitic alteration	1%	
From	To		Lithologic Group				
400.75	401.95		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
400.75	401.95	1.20	443941	0.381	Biotitic alteration	0%	drk grn-blk, fg, bi-chl-cb altd, wkly fol, shrp contacts; narrow band of ton

From	To	Lithologic Group					
401.95	417.45	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
401.95	403.00	1.05	443942	4.620	Sericitic alteration	1%	ton,light gry, mass, eq, non-magnetic
403.00	404.00	1.00	443943	2.443	Sericitic alteration	1%	
404.00	405.00	1.00	443944	2.890	Sericitic alteration	3%	
405.00	406.00	1.00	443945	1.619	Sericitic alteration	1%	
406.00	407.00	1.00	443946	1.456	Sericitic alteration	1%	
407.00	408.00	1.00	443947	1.815	Sericitic alteration	1%	
408.00	409.00	1.00	443949	0.337	Sericitic alteration	0%	
409.00	410.00	1.00	443951	0.132	Sericitic alteration	0%	
410.00	411.00	1.00	443952	0.161	Sericitic alteration	1%	
411.00	412.00	1.00	443953	0.280	Sericitic alteration	1%	
412.00	413.00	1.00	443954	0.192	Sericitic alteration	1%	10cm chl-cb shrd dyke
413.00	414.00	1.00	443955	1.452	Sericitic alteration	0%	
414.00	415.00	1.00	443956	2.814	Sericitic alteration	7%	
415.00	416.00	1.00	443957	2.336	Sericitic alteration	2%	
416.00	417.45	1.45	443958	2.751	Sericitic alteration	5%	
From	To	Lithologic Group					
417.45	417.95	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
417.45	417.95	0.50	443959	0.381	Chloritic alteration	2%	drk grn-blk, fg, bi-chl-cb altd, wkly fol, shrp contacts
From	To	Lithologic Group					
417.95	427.60	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
417.95	419.00	1.05	443961	1.603	Sericitic alteration	2%	mg, light gry-beigh, mass, eq, non-magnetic
419.00	420.00	1.00	443962	6.560	Sericitic alteration	2%	
420.00	421.00	1.00	443963	5.320	Sericitic alteration	2%	
421.00	422.00	1.00	443964	7.530	Sericitic alteration	3%	
422.00	423.00	1.00	443965	0.785	Sericitic alteration	1%	
423.00	424.00	1.00	443966	1.771	Sericitic alteration	1%	
424.00	425.00	1.00	443967	1.363	Sericitic alteration	1%	25cm chl-cb shrd dyke
425.00	426.00	1.00	443968	1.388	Sericitic alteration	1%	
426.00	427.60	1.60	443969	0.942	Sericitic alteration	3%	
From	To	Lithologic Group					
427.60	429.20	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
427.60	429.20	1.60	443971	0.010	Biotitic alteration	1%	fg w cb bi xls, chl-cb altd, shrp contacts, drk grn-blk, non-magnetic

From 429.20	To 456.35	Lithologic Group					
Tonalite							
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
429.20	430.00	0.80	443973	0.877	Sericitic alteration	1%	
430.00	431.00	1.00	443974	1.932	Sericitic alteration	1%	
431.00	432.00	1.00	443975	0.963	Sericitic alteration	0%	
432.00	433.00	1.00	443976	2.249	Sericitic alteration	2%	
433.00	434.00	1.00	443977	0.466	Sericitic alteration	1%	
434.00	435.00	1.00	443978	0.841	Sericitic alteration	1%	
435.00	436.00	1.00	443979	0.410	Sericitic alteration	1%	
436.00	437.00	1.00	443980	0.925	Sericitic alteration	1%	
437.00	438.00	1.00	443981	1.353	Sericitic alteration	2%	
438.00	439.00	1.00	443982	0.297	Sericitic alteration	0%	
439.00	440.00	1.00	443983	0.397	Sericitic alteration	0%	
440.00	441.00	1.00	443985	0.319	Sericitic alteration	1%	
441.00	442.00	1.00	443986	0.261	Sericitic alteration	0%	
442.00	443.00	1.00	443987	0.553	Sericitic alteration	1%	
443.00	444.00	1.00	443988	0.233	Sericitic alteration	1%	
444.00	445.00	1.00	443989	0.033	Sericitic alteration	0%	
445.00	446.00	1.00	443991	0.083	Sericitic alteration	1%	
446.00	447.00	1.00	443992	0.172	Sericitic alteration	2%	
447.00	448.00	1.00	443993	0.309	Sericitic alteration	0%	
448.00	449.00	1.00	443994	4.300	Sericitic alteration	2%	
449.00	450.00	1.00	443995	0.285	Sericitic alteration	1%	
450.00	451.00	1.00	443997	0.143	Sericitic alteration	1%	
451.00	452.00	1.00	443998	0.990	Sericitic alteration	2%	
452.00	453.00	1.00	443999	0.253	Sericitic alteration	1%	
453.00	454.00	1.00	444000	0.680	Sericitic alteration	1%	
454.00	455.00	1.00	450451	0.333	Sericitic alteration	2%	
455.00	456.35	1.35	450452	1.873	Sericitic alteration	3%	
From 456.35	To 456.98	Lithologic Group					
Mafic Dyke							
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
456.35	456.98	0.63	450453	0.038	Biotitic alteration	0%	fg, drk gry-grn, mass, non-mag, eq
From 456.98	To 485.55	Lithologic Group					
Tonalite							
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
456.98	458.00	1.02	450454	0.482	Silicified	2%	mg, light gry-beigh, mass, eq, non-magnetic
458.00	459.00	1.00	450455	0.529	Sericitic alteration	1%	
459.00	460.00	1.00	450456	1.157	Sericitic alteration	2%	
460.00	461.00	1.00	450457	5.140	Silicified	2%	

461.00	462.00	1.00	450458	3.650	Silicified	2%	
462.00	463.00	1.00	450459	0.802	Silicified	1%	
463.00	464.00	1.00	450461	0.106	Silicified	1%	
464.00	465.00	1.00	450462	1.526	Silicified	4%	
465.00	466.00	1.00	450463	1.454	Silicified	1%	
466.00	467.00	1.00	450464	3.890	Silicified	1%	
467.00	468.00	1.00	450465	0.315	Sericitic alteration	1%	
468.00	469.00	1.00	450466	0.370	Sericitic alteration	1%	
469.00	470.00	1.00	450467	1.410	Sericitic alteration	1%	
470.00	471.00	1.00	450468	1.734	Sericitic alteration	1%	
471.00	472.00	1.00	450469	0.957	Sericitic alteration	3%	
472.00	473.00	1.00	450471	0.204	Sericitic alteration	1%	
473.00	474.00	1.00	450473	3.480	Sericitic alteration	2%	
474.00	475.00	1.00	450474	0.620	Sericitic alteration	1%	
475.00	476.00	1.00	450475	2.690	Sericitic alteration	1%	
476.00	477.00	1.00	450476	0.454	Sericitic alteration	1%	
477.00	478.00	1.00	450477	0.488	Silicified	1%	
478.00	479.00	1.00	450478	0.176	Silicified	1%	
479.00	480.00	1.00	450479	0.906	Sericitic alteration	1%	
480.00	481.00	1.00	450480	0.144	Sericitic alteration	1%	
481.00	482.00	1.00	450481	0.142	Sericitic alteration	1%	
482.00	483.00	1.00	450482	0.198	Sericitic alteration	1%	
483.00	484.00	1.00	450483	0.111	Sericitic alteration	1%	
484.00	485.55	1.55	450485	0.040	Sericitic alteration	3%	x-cut by porph dyke?

From	To	Lithologic Group					
485.55	487.00	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
485.55	487.00	1.45	450486	0.014	Chloritic alteration	2%	mfc-int dyke?, drk grn-gry, weak-mod loc shring, non magnetic

DRILL HOLE REPORT

Drill Hole **GOS21-95** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 148.0
 Dip -50.0
 Length 424.6 m
 Started 29-Jul-21
 Completed 20-Aug-21
 Logged 03-Sep-21
 Logged by Justin Bisailon

Company
 Contractor Chenier Drilling
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Capped

Survey Details:

Claim Number PAT-11127
 Property Chester
 Township CHESTER
 Spotted by
 Surveyed by
 Collar Orientation Reflex Multi-shot Survey
 Coord Survey Tool GPS

Coordinates:

Easting 431082.38
 Northing 5268006.60
 Elevation 385.15

UTM Datum NAD83
 UTM Zone 17

Target

Comments JB logged to 52m
 EB logged from 52m-
 In Comments*

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
10.5	147.60	-51.36	54729			46.5	148.36	-51.20	54745		
13.5	147.60	-51.39	54791			49.5	148.49	-51.20	54839		
22.5	147.60	-51.36	54818			52.5	148.67	-51.17	54776		
25.5	147.30	-51.33	54934			54.0	148.29	-51.07	54888		
28.5	148.29	-51.30	54874			55.5	148.78	-51.17	54856		
31.5	147.45	-51.09	55439			58.5	148.84	-51.17	54838		
34.5	148.44	-51.29	54898			61.5	148.97	-51.10	54856		
37.5	148.49	-51.28	54859			64.5	149.16	-51.03	54847		
40.5	148.65	-51.20	54851			67.5	149.39	-51.12	54844		
43.5	148.54	-51.21	54779			70.5	149.27	-51.03	54843		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
73.5	149.70	-51.17	54840		
76.5	149.82	-51.17	54816		
79.5	149.81	-51.17	54827		
82.5	150.05	-51.19	54825		
85.5	150.18	-51.27	54829		
88.5	149.92	-51.32	54818		
91.5	150.53	-51.28	54854		
94.5	150.48	-51.28	54831		
97.5	150.71	-51.31	54837		
100.5	151.07	-51.71	54846		
103.5	150.90	-51.26	54841		
106.5	150.74	-50.86	54839		
109.5	151.17	-51.18	54840		
112.5	151.30	-51.15	54842		
115.5	151.24	-51.17	54849		
118.5	151.26	-51.19	54861		
121.5	151.46	-51.22	54892		
124.5	151.51	-51.22	54842		
127.5	151.60	-51.26	54828		
130.5	151.67	-51.27	54848		
133.5	151.90	-51.26	54877		
136.5	152.22	-51.27	55052		
139.5	152.14	-51.26	54862		
142.5	152.21	-51.26	54863		
145.5	151.65	-51.27	55062		
148.5	152.29	-51.22	54866		
151.5	152.17	-51.41	54824		
154.5	152.64	-51.79	54815		
156.0	153.43	-51.18	55199		
157.5	152.33	-51.26	54811		
160.5	152.56	-51.26	54808		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
163.5	152.92	-51.24	54724		
166.5	152.36	-51.21	54829		
169.5	152.75	-51.22	54735		
172.5	151.57	-51.23	54918		
175.5	151.89	-51.22	55030		
178.5	151.11	-51.20	55722		
184.5	152.20	-51.15	54849		
187.5	153.21	-51.17	55189		
190.5	153.09	-51.15	54972		
193.5	152.92	-51.15	54819		
196.5	152.91	-51.12	54822		
199.5	153.04	-51.14	54823		
201.0	153.85	-51.14	55265		
202.5	152.97	-51.08	54903		
205.5	153.13	-51.12	54961		
208.5	153.20	-51.10	54843		
211.5	153.27	-51.08	55013		
214.5	153.23	-51.08	55075		
217.5	153.32	-51.06	55245		
220.5	154.36	-51.09	54916		
223.5	153.88	-51.09	55127		
226.5	153.99	-51.12	55160		
229.5	153.84	-51.11	55124		
232.5	153.75	-51.09	54931		
235.5	153.81	-51.08	54905		
238.5	153.93	-51.05	54906		
241.5	153.98	-51.01	54919		
244.5	153.66	-51.00	55091		
247.5	154.14	-50.94	54983		
250.5	154.62	-50.91	55245		
252.0	156.39	-50.89	54525		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
253.5	153.47	-50.91	55504		
274.5	154.18	-50.53	54313		
277.5	155.23	-50.54	54934		
280.5	156.06	-50.53	55055		
283.5	155.11	-50.50	54990		
286.5	154.80	-50.47	55183		
295.5	157.77	-50.40	54214		
298.5	156.94	-50.36	54774		
300.0	155.87	-50.39	54549		
301.5	155.57	-50.37	54063		
304.5	154.89	-50.31	54473		
307.5	155.22	-50.28	54605		
310.5	155.12	-50.25	54701		
313.5	155.60	-50.17	54674		
316.5	156.29	-50.13	54798		
319.5	156.03	-50.06	54643		
322.5	156.51	-50.03	54478		
325.5	156.17	-49.97	54824		
328.5	156.62	-49.89	54602		
331.5	155.77	-49.86	54881		
334.5	156.09	-49.86	54846		
337.5	156.35	-49.84	54871		
340.5	156.36	-49.78	54883		
343.5	156.48	-49.81	54916		
346.5	156.19	-49.75	54934		
349.5	156.27	-49.79	55180		
352.5	154.82	-49.73	53129		
355.5	156.38	-49.68	54689		
358.5	156.75	-49.55	54689		
361.5	157.04	-49.57	54799		
364.5	156.84	-49.49	54756		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
367.5	157.00	-49.37	54737		
370.5	157.25	-49.27	54787		
373.5	157.61	-49.22	54780		
376.5	157.37	-49.18	54783		
379.5	157.76	-49.12	54771		
382.5	157.97	-49.03	54765		
385.5	157.96	-48.97	54786		
388.5	158.08	-48.92	54838		
391.5	158.50	-48.82	54885		
394.5	158.68	-48.74	54878		
397.5	158.60	-48.65	54932		
400.5	158.73	-48.50	54816		
402.0	159.31	-48.46	55077		
403.5	158.88	-48.47	54753		
406.5	158.79	-48.39	54812		
409.5	159.00	-48.37	54799		
412.5	158.89	-48.31	54855		
415.5	159.12	-48.32	54838		
418.5	159.09	-48.29	54840		
421.5	159.19	-48.27	54856		
424.5	158.91	-48.23	54934		

From	To	Lithologic Group					
0.00	1.13	Overburden					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	1.13	1.13			Unaltered	0%	OVB

From	To	Lithologic Group					
1.13	125.40	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
1.13	2.00	0.87	448845	0.030	Silicified	4%	medium grained, massive, plagioclase phyric, light grey
2.00	3.00	1.00	448846	0.006	Silicified	2%	
3.00	4.00	1.00	448847	0.018	Silicified	1%	
4.00	4.98	0.98	448849	0.019	Silicified	4%	
4.98	6.00	1.02	448851	0.028	Silicified	2%	
6.00	7.00	1.00	448852	0.017	Silicified	1%	
7.00	8.00	1.00	448853	0.029	Silicified	1%	
8.00	9.00	1.00	448854	0.034	Silicified	2%	
9.00	10.00	1.00	448855	0.027	Silicified	2%	
10.00	10.98	0.98	448856	0.009	Silicified	1%	
10.98	12.00	1.02	448857	0.009	Silicified	1%	
12.00	13.00	1.00	448858	0.013	Silicified	1%	
13.00	14.07	1.07	448859	0.060	Silicified	3%	
14.07	15.00	0.93	448861	0.023	Sericitic alteration	2%	
15.00	16.00	1.00	448862	0.203	Sericitic alteration	22%	
16.00	16.97	0.97	448863	2.630	Sericitic alteration	6%	
16.97	18.00	1.03	448864	0.057	Sericitic alteration	3%	
18.00	19.00	1.00	448865	0.300	Sericitic alteration	3%	
19.00	20.00	1.00	448866	0.028	Silicified	4%	
20.00	21.00	1.00	448867	0.066	Silicified	4%	
21.00	22.02	1.02	448868	2.065	Silicified	10%	
22.02	23.04	1.02	448869	0.032	Silicified	4%	
23.04	24.00	0.96	448871	0.054	Silicified	2%	
24.00	24.94	0.94	448873	0.034	Silicified	6%	
24.94	26.00	1.06	448874	0.027	Silicified	5%	
26.00	27.00	1.00	448875	0.043	Silicified	2%	
27.00	28.00	1.00	448876	0.100	Sericitic alteration	9%	
28.00	29.00	1.00	448877	0.021	Silicified	5%	
29.00	30.00	1.00	448878	0.021	Sericitic alteration	3%	
30.00	30.99	0.99	448879	0.060	Silicified	4%	
30.99	31.99	1.00	448880	0.022	Silicified	3%	

31.99	33.00	1.01	448881	0.027	Silicified	2%	
33.00	34.00	1.00	448882	0.006	Silicified	3%	
34.00	35.00	1.00	448883	0.020	Silicified	2%	
35.00	36.00	1.00	448885	0.016	Silicified	1%	
36.00	37.00	1.00	448886	0.015	Silicified	2%	
37.00	37.99	0.99	448887	0.025	Silicified	2%	
37.99	39.00	1.01	448888	0.023	Silicified	2%	
39.00	40.00	1.00	448889	0.028	Silicified	2%	
40.00	41.02	1.02	448891	0.230	Silicified	5%	
41.02	42.00	0.98	448892	0.131	Sericitic alteration	8%	
42.00	43.00	1.00	448893	0.228	Silicified	7%	
43.00	44.00	1.00	448894	0.055	Silicified	2%	
44.00	45.00	1.00	448895	0.076	Silicified	4%	
45.00	46.04	1.04	448897	0.042	Sericitic alteration	13%	
46.04	47.04	1.00	448898	0.195	Silicified	3%	
47.04	48.00	0.96	448899	0.022	Sericitic alteration	20%	
48.00	49.00	1.00	448900	0.005	Sericitic alteration	2%	
49.00	50.00	1.00	448901	0.005	Sericitic alteration	5%	
50.00	51.00	1.00	448902	0.023	Sericitic alteration	5%	
51.00	52.00	1.00	448903	0.052	Sericitic alteration	4%	
52.00	53.30	1.30	448904	0.722	Sericitic alteration	20%	
53.30	54.30	1.00	448905	0.008	Sericitic alteration	55%	55cm qv
54.30	55.00	0.70	448906	0.104	Sericitic alteration	2%	
55.00	56.00	1.00	448907	0.043	Silicified	2%	
56.00	57.00	1.00	448908	0.097	Silicified	2%	
57.00	58.00	1.00	448909	0.032	Silicified	1%	
58.00	59.00	1.00	448911	0.057	Silicified	1%	
59.00	60.00	1.00	448913	0.341	Silicified	2%	
60.00	61.00	1.00	448914	0.095	Silicified	1%	Tonalite becoming more porphyritic
61.00	62.00	1.00	448915	0.011	Silicified	2%	
62.00	63.00	1.00	448916	0.085	Sericitic alteration	23%	
63.00	64.00	1.00	448917	0.023	Silicified	1%	
64.00	65.00	1.00	448918	0.025	Silicified	4%	
65.00	66.00	1.00	448919	0.037	Silicified	2%	
66.00	67.00	1.00	448920	0.046	Silicified	2%	
67.00	68.00	1.00	448921	0.088	Silicified	1%	
68.00	69.00	1.00	448922	0.019	Silicified	2%	
69.00	70.00	1.00	448923	0.024	Silicified	2%	
70.00	71.00	1.00	448925	0.006	Silicified	5%	
71.00	72.00	1.00	448926	0.027	Sericitic alteration	3%	
72.00	73.00	1.00	448927	0.062	Sericitic alteration	3%	
73.00	74.00	1.00	448928	0.010	Silicified	1%	

74.00	75.00	1.00	448929	0.029	Silicified	9%
75.00	76.00	1.00	448931	0.033	Silicified	1%
76.00	77.00	1.00	448932	0.007	Silicified	1%
77.00	78.00	1.00	448933	0.032	Silicified	1%
78.00	79.00	1.00	448934	0.029	Silicified	1%
79.00	80.00	1.00	448935	0.017	Silicified	1%
80.00	81.00	1.00	448937	0.041	Silicified	1%
81.00	82.00	1.00	448938	0.016	Silicified	1%
82.00	83.00	1.00	448939	0.020	Silicified	1%
83.00	84.00	1.00	448940	0.057	Silicified	2%
84.00	85.00	1.00	448941	0.033	Silicified	2%
85.00	86.00	1.00	448942	0.018	Silicified	1%
86.00	87.00	1.00	448943	0.010	Silicified	1%
87.00	88.00	1.00	448944	0.053	Silicified	1%
88.00	89.00	1.00	448945	0.085	Silicified	1%
89.00	90.00	1.00	448946	0.075	Silicified	2%
90.00	91.00	1.00	448947	0.069	Silicified	1%
91.00	92.00	1.00	448949	0.525	Silicified	4%
92.00	93.00	1.00	448951	0.114	Silicified	3%
93.00	94.00	1.00	448952	0.097	Silicified	1%
94.00	95.00	1.00	448953	0.058	Silicified	1%
95.00	96.00	1.00	448954	0.113	Silicified	1%
96.00	97.00	1.00	448955	0.132	Silicified	3%
97.00	98.00	1.00	448956	0.234	Silicified	2%
98.00	99.00	1.00	448957	0.025	Silicified	3%
99.00	100.00	1.00	448958	0.067	Silicified	4%
100.00	101.00	1.00	448959	0.095	Silicified	4%
101.00	102.00	1.00	448961	0.240	Silicified	2%
102.00	103.00	1.00	448962	0.022	Silicified	4%
103.00	104.00	1.00	448963	0.095	Silicified	3%
104.00	105.00	1.00	448964	0.638	Silicified	2%
105.00	106.00	1.00	448965	0.065	Silicified	1%
106.00	107.00	1.00	448966	0.027	Silicified	1%
107.00	108.00	1.00	448967	0.090	Silicified	2%
108.00	109.00	1.00	448968	0.019	Silicified	1%
109.00	110.00	1.00	448969	0.034	Silicified	2%
110.00	111.00	1.00	448971	0.067	Silicified	5%
111.00	112.00	1.00	448973	0.114	Silicified	2%
112.00	113.00	1.00	448974	0.131	Silicified	1%
113.00	114.00	1.00	448975	0.073	Sericitic alteration	3%
114.00	115.00	1.00	448976	0.326	Silicified	4%
115.00	116.00	1.00	448977	0.182	Silicified	1%

116.00	117.00	1.00	448978	1.780	Silicified	2%
117.00	118.00	1.00	448979	0.301	Silicified	3%
118.00	119.00	1.00	448980	0.965	Sericitic alteration	4%
119.00	120.00	1.00	448981	0.076	Silicified	2%
120.00	121.00	1.00	448982	0.697	Silicified	2%
121.00	122.00	1.00	448983	0.114	Silicified	1%
122.00	123.00	1.00	448985	0.253	Sericitic alteration	2%
123.00	124.00	1.00	448986	0.231	Sericitic alteration	2%
124.00	125.40	1.40	448987	0.040	Silicified	13%

From	To	Lithologic Group				
125.40	126.50	Lamprophyre Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
125.40	126.50	1.10	448988	0.005	Biotitic alteration	1%	0.5cm bio lathes, diss py

From	To	Lithologic Group				
126.50	175.60	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
126.50	128.00	1.50	448989	0.045	Silicified	2%	
128.00	129.00	1.00	448991	0.121	Silicified	2%	
129.00	130.00	1.00	448992	0.067	Silicified	2%	
130.00	131.00	1.00	448993	0.099	Silicified	2%	
131.00	132.00	1.00	448994	0.011	Silicified	1%	
132.00	133.00	1.00	448995	0.014	Sericitic alteration	3%	
133.00	134.00	1.00	448997	0.030	Sericitic alteration	3%	
134.00	135.00	1.00	448998	0.014	Sericitic alteration	2%	
135.00	136.00	1.00	448999	0.015	Silicified	2%	
136.00	137.00	1.00	449000	0.009	Silicified	3%	
137.00	138.00	1.00	449001	0.005	Silicified	5%	
138.00	139.50	1.50	449002	0.030	Silicified	3%	
139.50	141.00	1.50	449003	0.049	Sericitic alteration	3%	
141.00	142.15	1.15	449004	0.009	Sericitic alteration	3%	
142.15	143.00	0.85	449005	0.029	Silicified	2%	
143.00	144.00	1.00	449006	0.079	Silicified	2%	
144.00	145.00	1.00	449007	0.068	Silicified	2%	
145.00	146.00	1.00	449008	0.016	Sericitic alteration	3%	
146.00	147.00	1.00	449009	0.163	Sericitic alteration	45%	qz-cb-cl-py-cpy vn
147.00	148.00	1.00	449011	0.007	Silicified	5%	strong spv sil alt halos around vns
148.00	149.00	1.00	449013	0.675	Silicified	2%	
149.00	150.00	1.00	449014	0.007	Silicified	2%	
150.00	151.00	1.00	449015	0.006	Silicified	2%	
151.00	152.00	1.00	449016	0.052	Silicified	2%	
152.00	153.00	1.00	449017	0.007	Silicified	2%	

153.00	154.00	1.00	449018	0.049	Silicified	1%	
154.00	155.00	1.00	449019	0.124	Silicified	1%	5cm qdr intrusion
155.00	156.00	1.00	449020	0.026	Silicified	1%	
156.00	157.00	1.00	449021	0.062	Silicified	1%	
157.00	158.00	1.00	449022	0.086	Silicified	2%	
158.00	159.00	1.00	449023	0.293	Silicified	3%	
159.00	160.00	1.00	449025	0.279	Silicified	2%	
160.00	161.00	1.00	449026	0.021	Silicified	4%	
161.00	162.00	1.00	449027	0.702	Silicified	2%	
162.00	163.00	1.00	449028	0.048	Silicified	1%	
163.00	164.00	1.00	449029	0.054	Silicified	2%	
164.00	165.00	1.00	449031	0.181	Silicified	2%	
165.00	166.00	1.00	449032	0.167	Silicified	2%	
166.00	167.00	1.00	449033	0.242	Silicified	4%	
167.00	167.70	0.70	449034	0.033	Silicified	3%	
167.70	168.62	0.92	449035	0.008	Silicified	3%	
168.62	170.00	1.38	449037	0.027	Silicified	5%	
170.00	171.00	1.00	449038	16.700	Silicified	2%	
171.00	172.00	1.00	449039	0.006	Silicified	3%	
172.00	173.00	1.00	449040	0.005	Silicified	5%	
173.00	174.00	1.00	449041	0.007	Silicified	2%	
174.00	175.60	1.60	449042	0.007	Silicified	1%	

From	To	Lithologic Group	
175.60	177.20	Lamprophyre Dyke	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
175.60	177.20	1.60	449043	0.009	Biotitic alteration	5%	

From	To	Lithologic Group	
177.20	195.85	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
177.20	178.00	0.80	449044	0.009	Silicified	3%	
178.00	179.00	1.00	449045	0.243	Silicified	2%	
179.00	180.00	1.00	449046	0.090	Silicified	4%	
180.00	181.00	1.00	449047	0.282	Silicified	3%	
181.00	182.00	1.00	449049	0.034	Sericitic alteration	6%	
182.00	183.00	1.00	449051	0.011	Silicified	2%	
183.00	184.00	1.00	449052	0.194	Silicified	2%	
184.00	185.00	1.00	449053	0.357	Silicified	2%	
185.00	186.00	1.00	449054	0.158	Silicified	2%	
186.00	187.00	1.00	449055	0.673	Silicified	3%	
187.00	188.00	1.00	449056	0.229	Silicified	4%	
188.00	189.00	1.00	449057	0.702	Silicified	4%	
189.00	190.00	1.00	449058	0.576	Silicified	2%	

190.00	191.00	1.00	449059	0.386	Sericitic alteration	2%	
191.00	192.00	1.00	449061	4.120	Sericitic alteration	50%	20cm of fault breccia, large ~50cm of qz-cl-cb-py vn
192.00	193.00	1.00	449062	0.409	Sericitic alteration	3%	
193.00	194.00	1.00	449063	0.152	Sericitic alteration	1%	
194.00	195.00	1.00	449064	0.206	Sericitic alteration	1%	
195.00	195.85	0.85	449065	0.086	Sericitic alteration	5%	

From	To	Lithologic Group					
195.85	201.80	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
195.85	197.00	1.15	449066	0.024	Chloritic alteration	5%	green grey, fine grained, light foliation, sharp contacts, non magnetic
197.00	198.00	1.00	449067	0.975	Chloritic alteration	7%	
198.00	199.00	1.00	449068	0.025	Chloritic alteration	5%	
199.00	200.00	1.00	449069	0.040	Chloritic alteration	5%	
200.00	201.00	1.00	449071	0.535	Chloritic alteration	8%	
201.00	201.80	0.80	449073	0.092	Chloritic alteration	8%	

From	To	Lithologic Group					
201.80	230.10	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
201.80	203.15	1.35	449074	0.303	Sericitic alteration	10%	grey, medium grained, equigranular, non magnetic
203.15	204.00	0.85	449075	0.086	Silicified	4%	
204.00	205.00	1.00	449076	0.040	Silicified	1%	
205.00	206.50	1.50	449077	0.069	Sericitic alteration	60%	65cm of irregular qz-cb-cl-py- cpy veining
206.50	208.00	1.50	449078	0.031	Sericitic alteration	2%	
208.00	209.00	1.00	449079	0.094	Silicified	3%	
209.00	210.00	1.00	449080	0.070	Sericitic alteration	2%	
210.00	211.00	1.00	449081	0.039	Silicified	2%	
211.00	212.00	1.00	449082	0.070	Silicified	4%	
212.00	213.00	1.00	449083	0.080	Silicified	2%	
213.00	214.00	1.00	449085	0.027	Silicified	2%	
214.00	215.00	1.00	449086	0.023	Silicified	2%	
215.00	216.00	1.00	449087	0.225	Silicified	4%	
216.00	217.00	1.00	449088	0.141	Silicified	2%	
217.00	218.00	1.00	449089	0.036	Silicified	2%	
218.00	219.00	1.00	449091	0.065	Silicified	4%	
219.00	220.00	1.00	449092	0.053	Silicified	3%	
220.00	221.00	1.00	449093	0.199	Silicified	2%	
221.00	222.00	1.00	449094	0.245	Silicified	3%	
222.00	223.00	1.00	449095	0.058	Silicified	7%	
223.00	224.00	1.00	449097	0.014	Silicified	1%	

224.00	225.00	1.00	449098	0.080	Silicified	2%	
225.00	226.00	1.00	449099	0.044	Silicified	2%	
226.00	227.00	1.00	449100	0.047	Silicified	1%	
227.00	228.00	1.00	449101	0.048	Silicified	2%	
228.00	229.00	1.00	449102	0.515	Silicified	2%	
229.00	230.10	1.10	449103	0.076	Silicified	4%	

From	To	Lithologic Group					
230.10	236.90	Tonalite 2					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
230.10	231.00	0.90	449104	0.031	Silicified	1%	very fine grained, beige, sharp irregular contact, massive-weakly foliated
231.00	232.00	1.00	449105	0.244	Silicified	1%	
232.00	233.00	1.00	449106	0.616	Silicified	2%	
233.00	234.10	1.10	449107	0.599	Silicified	5%	
234.10	235.00	0.90	449108	0.419	Silicified	2%	
235.00	236.00	1.00	449109	0.279	Silicified	2%	
236.00	236.90	0.90	449111	0.162	Silicified	1%	

From	To	Lithologic Group					
236.90	237.60	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
236.90	237.60	0.70	449113	0.190	Sericitic alteration	6%	

From	To	Lithologic Group					
237.60	240.00	Tonalite 2					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
237.60	239.00	1.40	449114	0.755	Silicified	3%	
239.00	240.00	1.00	449115	0.616	Silicified	3%	

From	To	Lithologic Group					
240.00	240.80	Lamprophyre Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
240.00	240.80	0.80	449116	0.022	Biotitic alteration	5%	strong foliation, black-brown, strong biotite

From	To	Lithologic Group					
240.80	243.10	Tonalite 2					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
240.80	242.00	1.20	449117	0.505	Silicified	1%	
242.00	243.10	1.10	449118	0.230	Silicified	1%	4cm rounded fragment of tonalite

From	To	Lithologic Group					
243.10	244.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
243.10	244.00	0.90	449119	0.877	Silicified	2%	white/grey, highly fractured, grading into hdbx

From	To	Lithologic Group					
244.00	256.50	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
244.00	245.00	1.00	449120	1.995	Silicified	1%	5% mx, strong alteration, in-situ bx, fragment hosted, strong sulphide min in mx
245.00	246.00	1.00	449121	2.807	Silicified	1%	4% mx
246.00	247.00	1.00	449122	0.696	Silicified	1%	6% mx
247.00	248.00	1.00	449123	0.753	Silicified	2%	8% mx
248.00	249.00	1.00	449125	0.202	Silicified	1%	5% mx
249.00	250.00	1.00	449126	0.130	Silicified	2%	5% mx
250.00	251.50	1.50	449127	0.288	Silicified	1%	6% mx
251.50	253.00	1.50	449128	0.444	Silicified	4%	30% mx, massive sulphides
253.00	254.00	1.00	449129	0.086	Silicified	1%	7% mx
254.00	255.00	1.00	449131	0.110	Silicified	1%	4% mx
255.00	255.85	0.85	449132	0.174	Silicified	1%	10% mx
255.85	256.50	0.65	449133	0.370	Silicified	1%	35% mx
From	To	Lithologic Group					
256.50	258.60	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
256.50	257.50	1.00	449134	0.169	Biotitic alteration	1%	porphyritic lamp?
257.50	258.60	1.10	449135	0.007	Biotitic alteration	1%	
From	To	Lithologic Group					
258.60	262.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
258.60	260.00	1.40	449137	0.096	Silicified	2%	
260.00	261.00	1.00	449138	0.065	Silicified	1%	
261.00	262.00	1.00	449139	0.179	Silicified	4%	
From	To	Lithologic Group					
262.00	266.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
262.00	263.00	1.00	449140	0.033	Silicified	2%	7% mx
263.00	264.00	1.00	449141	0.105	Silicified	2%	10% mx, 1cm qz-tourmaline vn
264.00	265.00	1.00	449142	0.067	Silicified	1%	6% mx
265.00	266.00	1.00	449143	0.052	Silicified	2%	4% mx
From	To	Lithologic Group					
266.00	269.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
266.00	267.00	1.00	449144	0.018	Silicified	2%	
267.00	268.00	1.00	449145	0.061	Silicified	1%	
268.00	269.00	1.00	449146	0.075	Silicified	4%	

From	To	Lithologic Group					
269.00	272.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
269.00	270.00	1.00	449147	0.197	Silicified	3%	6% mx
270.00	271.00	1.00	449149	0.227	Silicified	1%	11% mx
271.00	272.00	1.00	449151	0.116	Silicified	1%	20% mx
From	To	Lithologic Group					
272.00	274.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
272.00	273.00	1.00	449152	0.243	Silicified	2%	
273.00	274.00	1.00	449153	0.459	Silicified	3%	
From	To	Lithologic Group					
274.00	278.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
274.00	275.00	1.00	449154	1.060	Silicified	3%	5% mx
275.00	276.00	1.00	449155	0.258	Silicified	1%	25% mx
276.00	277.00	1.00	449156	0.655	Silicified	1%	6% mx
277.00	278.00	1.00	449157	1.826	Silicified	3%	10% mx
From	To	Lithologic Group					
278.00	283.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
278.00	279.00	1.00	449158	1.402	Silicified	2%	
279.00	280.00	1.00	449159	0.895	Silicified	4%	
280.00	281.10	1.10	449161	1.026	Silicified	1%	4cm of hdbx matrix, 40cm of ton2
281.10	282.00	0.90	449162	0.894	Silicified	2%	
282.00	283.00	1.00	449163	0.222	Silicified	3%	
From	To	Lithologic Group					
283.00	284.70	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
283.00	284.00	1.00	449164	2.943	Silicified	3%	15% mx
284.00	284.70	0.70	449165	1.143	Silicified	1%	7% mx
From	To	Lithologic Group					
284.70	285.50	Quartz Feldspar porphyry					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
284.70	285.50	0.80	449166	0.273	Biotitic alteration	2%	black, fine grained, porphyritic with 2-5mm plag phenos
From	To	Lithologic Group					
285.50	289.40	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
285.50	287.00	1.50	449167	2.799	Silicified	1%	45% mx
287.00	288.00	1.00	449168	1.530	Silicified	1%	25% mx

288.00	289.40	1.40	449169	0.961	Silicified	1%	15% mx
From	To		Lithologic Group				
289.40	292.65		Quartz Feldspar porphyry				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
289.40	290.50	1.10	449171	0.095	Biotitic alteration	1%	
290.50	291.50	1.00	449173	0.077	Biotitic alteration	1%	
291.50	292.65	1.15	449174	0.033	Biotitic alteration	1%	black, fine grained, porphyritic with 2-5mm plag phenos
From	To		Lithologic Group				
292.65	300.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
292.65	294.00	1.35	449175	0.503	Silicified	2%	7% mx
294.00	295.00	1.00	449176	1.118	Silicified	1%	12% mx
295.00	296.00	1.00	449177	0.932	Silicified	1%	6% mx, VG in HDBX mx
296.00	297.00	1.00	449179	2.470	Silicified	1%	25% mx
297.00	298.00	1.00	449180	0.864	Silicified	1%	20% mx
298.00	299.00	1.00	449181	0.608	Silicified	1%	20% mx
299.00	300.00	1.00	449182	1.111	Silicified	1%	30% mx
From	To		Lithologic Group				
300.00	301.30		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
300.00	301.30	1.30	449183	0.043	Chloritic alteration	20%	green+white, strong foliation, strong chl-cb, qz-cb-cl-bio veins at upper+lower contacts
From	To		Lithologic Group				
301.30	303.40		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
301.30	302.00	0.70	449185	4.210	Silicified	4%	5% mx, over printed
302.00	303.40	1.40	449186	2.460	Silicified	1%	5% mx
From	To		Lithologic Group				
303.40	305.00		Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
303.40	305.00	1.60	449187	1.234	Silicified	1%	30cm of fault bx at upper contact, string sil, tr diss py, beige
From	To		Lithologic Group				
305.00	307.50		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
305.00	306.00	1.00	449188	2.543	Silicified	2%	30% mx
306.00	307.50	1.50	449189	0.748	Silicified	2%	20% mx
From	To		Lithologic Group				
307.50	309.00		Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

307.50	309.00	1.50	449191	1.154	Silicified	2%	60% mx (Ton 2)
From	To		Lithologic Group				
309.00	316.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
309.00	310.00	1.00	449192	3.550	Silicified	3%	grey/biege, medium grained, eg, non magnetic
310.00	311.00	1.00	449193	0.412	Silicified	2%	
311.00	312.00	1.00	449194	0.204	Sericitic alteration	1%	
312.00	313.00	1.00	449195	0.379	Sericitic alteration	3%	
313.00	314.00	1.00	449197	0.679	Sericitic alteration	2%	
314.00	315.00	1.00	449198	0.507	Sericitic alteration	5%	
315.00	316.00	1.00	449199	2.737	Sericitic alteration	2%	
From	To		Lithologic Group				
316.00	317.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
316.00	317.00	1.00	449200	1.018	Sericitic alteration	1%	20% mx
From	To		Lithologic Group				
317.00	320.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
317.00	318.00	1.00	449201	0.374	Sericitic alteration	1%	
318.00	319.00	1.00	449202	0.349	Sericitic alteration	1%	
319.00	320.00	1.00	449203	0.828	Sericitic alteration	2%	
From	To		Lithologic Group				
320.00	327.80		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
320.00	321.00	1.00	449204	1.515	Silicified	2%	15% mx
321.00	322.00	1.00	449205	1.452	Silicified	1%	11% mx
322.00	323.00	1.00	449206	1.446	Silicified	1%	5% mx
323.00	324.00	1.00	449207	2.382	Silicified	1%	5% mx
324.00	325.00	1.00	449208	1.101	Silicified	3%	6% mx
325.00	326.00	1.00	449209	0.634	Silicified	2%	9% mx
326.00	327.00	1.00	449211	1.796	Silicified	2%	7% mx
327.00	327.80	0.80	449213	2.549	Silicified	8%	6% mx
From	To		Lithologic Group				
327.80	333.45		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
327.80	329.00	1.20	449214	0.025	Chloritic alteration	25%	Green, fine grained, foliated to massive, carb stringers
329.00	330.00	1.00	449215	0.010	Chloritic alteration	5%	
330.00	331.00	1.00	449216	0.008	Chloritic alteration	5%	
331.00	332.00	1.00	449217	0.017	Chloritic alteration	5%	
332.00	333.45	1.45	449218	0.012	Chloritic alteration	8%	Erik logged up to 333.45m

From	To	Lithologic Group					
333.45	334.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
333.45	334.00	0.55	449219	0.429	Sericitic alteration	2%	Justin started logging, medium grained, massive, light grey, equigranular
From	To	Lithologic Group					
334.00	335.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
334.00	335.00	1.00	449220	0.388	Sericitic alteration	3%	5% matrix
From	To	Lithologic Group					
335.00	336.97	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
335.00	336.00	1.00	449221	0.183	Sericitic alteration	2%	5% matrix
336.00	336.97	0.97	449222	1.529	Sericitic alteration	2%	medium grained, equigranular, massive, medium grey
From	To	Lithologic Group					
336.97	339.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
336.97	337.95	0.98	449223	0.660	Sericitic alteration	2%	5% matrix
337.95	339.00	1.05	449225	0.678	Sericitic alteration	4%	15% matrix
From	To	Lithologic Group					
339.00	340.05	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
339.00	340.05	1.05	449226	0.330	Silicified	3%	medium grained, massive, equigranular, light grey
From	To	Lithologic Group					
340.05	343.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
340.05	341.00	0.95	449227	0.401	Sericitic alteration	2%	25% matrix
341.00	342.00	1.00	449228	1.724	Sericitic alteration	2%	20% matrix, blocky core
342.00	343.00	1.00	449229	0.708	Sericitic alteration	2%	5% matrix
From	To	Lithologic Group					
343.00	344.06	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
343.00	344.06	1.06	449231	0.166	Sericitic alteration	3%	medium grained, massive, equigranular, light grey
From	To	Lithologic Group					
344.06	349.07	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
344.06	345.00	0.94	449232	1.446	Sericitic alteration	1%	20% matrix
345.00	346.05	1.05	449233	0.480	Sericitic alteration	1%	5% matrix
346.05	347.13	1.08	449234	3.140	Sericitic alteration	7%	10% matrix

347.13	348.00	0.87	449235	0.708	Sericitic alteration	2%	5% matrix
348.00	349.07	1.07	449237	0.240	Silicified	2%	5% matrix
From	To	Lithologic Group					
349.07	351.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
349.07	350.00	0.93	449238	0.064	Silicified	4%	medium grained, massive, equigranular, light grey
350.00	351.00	1.00	449239	0.054	Silicified	2%	
From	To	Lithologic Group					
351.00	352.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
351.00	352.00	1.00	449240	0.049	Silicified	1%	5% matrix
From	To	Lithologic Group					
352.00	353.06	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
352.00	353.06	1.06	449241	0.130	Silicified	3%	medium grained, massive, equigranular, light pinkish grey
From	To	Lithologic Group					
353.06	357.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
353.06	354.00	0.94	449242	0.492	Sericitic alteration	2%	10% matrix, fault breccia?
354.00	355.00	1.00	449243	1.151	Silicified	5%	10% matrix
355.00	356.07	1.07	449244	2.147	Silicified	1%	5% matrix, blocky
356.07	357.00	0.93	449245	0.552	Silicified	3%	medium grained, massive, equigranular, light pinkish grey
From	To	Lithologic Group					
357.00	358.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
357.00	358.00	1.00	449246	0.731	Sericitic alteration	1%	
From	To	Lithologic Group					
358.00	359.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
358.00	359.00	1.00	449247	0.655	Sericitic alteration	4%	5% matrix
From	To	Lithologic Group					
359.00	362.02	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
359.00	360.00	1.00	449249	1.314	Sericitic alteration	1%	medium grained, massive, equigranular, light grey
360.00	361.00	1.00	449251	0.753	Sericitic alteration	5%	
361.00	362.02	1.02	449252	0.416	Sericitic alteration	3%	

From	To	Lithologic Group					
362.02	369.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
362.02	363.00	0.98	449253	0.133	Biotitic alteration	3%	fault breccia? 15% matrix
363.00	364.00	1.00	449254	1.113	Silicified	2%	15% matrix
364.00	365.00	1.00	449255	1.513	Silicified	5%	10% matrix
365.00	366.00	1.00	449256	1.239	Silicified	5%	15% matrix
366.00	367.00	1.00	449257	1.343	Silicified	6%	10% matrix
367.00	368.00	1.00	449258	0.595	Silicified	3%	20% matrix
368.00	369.00	1.00	449259	0.557	Sericitic alteration	4%	8% matrix
From	To	Lithologic Group					
369.00	369.97	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
369.00	369.97	0.97	449261	0.336	Sericitic alteration	2%	medium grained, massive, equigranular, light grey
From	To	Lithologic Group					
369.97	374.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
369.97	371.00	1.03	449262	1.317	Sericitic alteration	5%	20% matrix
371.00	372.00	1.00	449263	1.351	Sericitic alteration	8%	7% matrix
372.00	373.00	1.00	449264	0.181	Silicified	6%	5% matrix
373.00	374.00	1.00	449265	0.441	Sericitic alteration	7%	3% matrix
From	To	Lithologic Group					
374.00	376.09	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
374.00	375.00	1.00	449266	0.502	Silicified	3%	medium grained, massive, equigranular, light grey
375.00	376.09	1.09	449267	0.160	Sericitic alteration	8%	30cm mafic dyke
From	To	Lithologic Group					
376.09	376.85	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
376.09	376.85	0.76	449268	0.163	Sericitic alteration	1%	30% matrix
From	To	Lithologic Group					
376.85	377.90	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
376.85	377.90	1.05	449269	0.174	Sericitic alteration	4%	medium grained, massive, equigranular, light grey
From	To	Lithologic Group					
377.90	379.08	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
377.90	379.08	1.18	449271	0.426	Sericitic alteration	4%	10% matrix

From	To	Lithologic Group					
379.08	380.06	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
379.08	380.06	0.98	449273	0.297	Sericitic alteration	2%	25% matrix
From	To	Lithologic Group					
380.06	382.98	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
380.06	381.00	0.94	449274	0.392	Sericitic alteration	3%	medium grained, weakly foliated, equigranular, light beigish grey
381.00	382.00	1.00	449275	0.330	Sericitic alteration	5%	
382.00	382.98	0.98	449276	0.164	Sericitic alteration	2%	
From	To	Lithologic Group					
382.98	387.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
382.98	384.00	1.02	449277	0.307	Silicified	4%	medium grained, massive, equigranular, light grey
384.00	385.03	1.03	449278	0.400	Sericitic alteration	3%	
385.03	386.00	0.97	449279	0.406	Sericitic alteration	3%	
386.00	387.00	1.00	449280	0.235	Sericitic alteration	2%	
From	To	Lithologic Group					
387.00	389.04	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
387.00	388.00	1.00	449281	0.441	Sericitic alteration	3%	10% matrix
388.00	389.04	1.04	449282	0.042	Sericitic alteration	22%	40% matrix, 20cm VN02
From	To	Lithologic Group					
389.04	391.05	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
389.04	390.07	1.03	449283	0.277	Sericitic alteration	5%	medium grained, massive, equigranular, light grey
390.07	391.05	0.98	449285	0.179	Sericitic alteration	16%	
From	To	Lithologic Group					
391.05	392.04	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
391.05	392.04	0.99	449286	0.465	Sericitic alteration	7%	25% matrix
From	To	Lithologic Group					
392.04	393.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
392.04	393.00	0.96	449287	0.401	Sericitic alteration	2%	HdBx getting intruded by two 2 cm Ton 2 dykes
From	To	Lithologic Group					
393.00	394.07	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

393.00	394.07	1.07	449288	0.091	Sericitic alteration	10%	medium grained, foliated, equigranular, welded, light grey 23 cm mafic dyke
From	To		Lithologic Group				
394.07	395.00		Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
394.07	395.00	0.93	449289	0.329	Sericitic alteration	4%	7% matrix
From	To		Lithologic Group				
395.00	395.82		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
395.00	395.82	0.82	449291	0.184	Sericitic alteration	2%	5% matrix, overprinted by sericite and silica alt.
From	To		Lithologic Group				
395.82	396.88		Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
395.82	396.88	1.06	449292	0.095	Sericitic alteration	1%	40% matrix,
From	To		Lithologic Group				
396.88	401.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
396.88	398.02	1.14	449293	0.188	Sericitic alteration	4%	medium grained, massive, equigranular, light grey
398.02	399.00	0.98	449294	0.287	Silicified	2%	
399.00	400.00	1.00	449295	0.178	Silicified	7%	
400.00	401.00	1.00	449297	0.466	Silicified	5%	30cm mafic dyke
From	To		Lithologic Group				
401.00	402.91		Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
401.00	402.00	1.00	449298	0.086	Sericitic alteration	22%	20cm QV, fine grained, weakly foliated, equigranular, medium grey
402.00	402.91	0.91	449299	0.024	Sericitic alteration	3%	under 5% ton frags
From	To		Lithologic Group				
402.91	404.00		Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
402.91	404.00	1.09	449300	0.032	Sericitic alteration	2%	80% matrix
From	To		Lithologic Group				
404.00	410.00		Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
404.00	405.00	1.00	449301	0.016	Sericitic alteration	3%	fine grained, massive, equigranular, medium beigish grey
405.00	406.00	1.00	449302	0.009	Sericitic alteration	1%	plag phenos
406.00	406.97	0.97	449303	0.055	Sericitic alteration	4%	15 cm mafic dyke
406.97	408.27	1.30	449304	0.035	Sericitic alteration	8%	

408.27	409.00	0.73	449305	0.031	Sericitic alteration	1%
409.00	410.00	1.00	449306	0.043	Sericitic alteration	2%

From	To	Lithologic Group				
410.00	411.00	Tonalite 2 Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
410.00	411.00	1.00	449307	0.052	Sericitic alteration	1%	75% matrix

From	To	Lithologic Group				
411.00	424.00	Tonalite 2				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
411.00	411.98	0.98	449308	0.017	Sericitic alteration	2%	fine grained, massive, equigranular, medium grey
411.98	413.00	1.02	449309	0.029	Sericitic alteration	4%	
413.00	414.00	1.00	449311	0.030	Sericitic alteration	2%	
414.00	415.00	1.00	449313	0.054	Sericitic alteration	3%	
415.00	416.00	1.00	449314	0.038	Sericitic alteration	3%	
416.00	417.00	1.00	449315	0.029	Sericitic alteration	2%	plag phenos, alt halos around veinlets
417.00	418.00	1.00	449316	0.036	Sericitic alteration	2%	fine grained, equigranular
418.00	419.00	1.00	449317	0.135	Sericitic alteration	1%	
419.00	420.00	1.00	449318	0.055	Sericitic alteration	2%	
420.00	421.00	1.00	449319	0.069	Sericitic alteration	1%	
421.00	422.00	1.00	449320	0.026	Sericitic alteration	1%	
422.00	423.00	1.00	449321	0.075	Sericitic alteration	2%	9 cm mafic dyke
423.00	424.00	1.00	449322	0.055	Sericitic alteration	2%	

From	To	Lithologic Group				
424.00	424.61	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
424.00	424.61	0.61	449323	0.020	Sericitic alteration	3%	39cm mafic dyke cutting through ton 2

DRILL HOLE REPORT

Drill Hole **GOS21-96** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -65.0
 Length 435.0 m
 Started 01-Aug-21
 Completed 12-Aug-21
 Logged 18-Aug-21
 Logged by Caitlin Beland

Company
 Contractor Chenier Drilling
 Position
 Bore Size BQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Cemented

Survey Details:

Claim Number MLO-10658
 Property 234
 Township CHESTER
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool DGPS

Coordinates:

Target Easting 431027.37
 Comments UTM Datum NAD83 Northing 5267713.02
 UTM Zone 17 Elevation 380.99

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
30.0	326.64	-65.70	55673			60.0	325.86	-65.73	54452		
33.0	326.34	-65.64	54987			63.0	325.69	-65.70	54483		
36.0	325.94	-65.68	54787			66.0	325.65	-65.74	54488		
39.0	326.01	-65.75	54652			69.0	325.68	-65.71	54539		
42.0	325.26	-65.70	54363			72.0	325.65	-65.72	54455		
45.0	325.96	-65.67	54568			75.0	325.36	-65.71	54373		
48.0	324.65	-65.71	54303			87.0	325.82	-65.63	54817		
51.0	325.17	-65.76	54584			90.0	325.61	-65.61	54714		
54.0	325.73	-65.70	54269			93.0	325.70	-65.63	54659		
57.0	326.05	-65.74	54441			96.0	325.60	-65.64	54646		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
99.0	325.62	-65.61	54598		
102.0	325.70	-65.58	54567		
105.0	325.62	-65.59	54573		
108.0	325.64	-65.60	54550		
111.0	325.58	-65.59	54551		
114.0	325.49	-65.59	54527		
117.0	325.65	-65.63	54524		
120.0	325.65	-65.59	54550		
123.0	325.66	-65.59	54541		
126.0	325.55	-65.61	54508		
129.0	325.59	-65.61	54512		
132.0	325.64	-65.53	54506		
135.0	325.67	-65.54	54502		
138.0	325.60	-65.51	54496		
141.0	325.59	-65.51	54776		
156.0	325.84	-65.43	54566		
159.0	325.39	-65.36	54382		
162.0	325.16	-65.34	54358		
165.0	325.61	-65.35	54560		
168.0	325.63	-65.34	54545		
171.0	325.65	-65.34	54527		
174.0	325.55	-65.37	54514		
177.0	325.61	-65.35	54518		
180.0	325.70	-65.39	54510		
183.0	325.75	-65.42	54479		
186.0	325.69	-65.46	54519		
189.0	325.84	-65.47	54483		
192.0	325.90	-65.50	54502		
195.0	325.80	-65.58	54498		
198.0	326.01	-65.62	54474		
201.0	326.21	-65.62	54493		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
204.0	326.11	-65.62	54458		
207.0	326.05	-65.62	54477		
210.0	326.04	-65.59	54468		
213.0	326.27	-65.42	54467		
216.0	326.03	-65.57	54470		
219.0	326.05	-65.56	54451		
222.0	326.11	-65.54	54475		
225.0	326.03	-65.54	54475		
228.0	326.09	-65.49	54485		
231.0	326.09	-65.49	54451		
234.0	326.03	-65.49	54479		
237.0	326.01	-65.50	54454		
240.0	326.08	-65.52	54407		
243.0	326.05	-65.54	54436		
246.0	326.07	-65.54	54422		
249.0	326.11	-65.53	54427		
252.0	326.18	-65.57	54424		
255.0	326.55	-65.56	54312		
258.0	326.31	-65.55	54465		
261.0	326.41	-65.48	54414		
264.0	326.45	-65.42	54390		
267.0	326.58	-65.37	54432		
270.0	326.78	-65.37	54450		
273.0	326.54	-65.38	54355		
276.0	326.60	-65.38	54443		
279.0	326.58	-65.38	54396		
282.0	326.53	-65.36	54425		
285.0	326.56	-65.39	54379		
288.0	326.39	-65.35	54418		
291.0	326.34	-65.30	54163		
294.0	326.24	-65.29	54308		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
297.0	326.40	-65.30	54236		
300.0	325.83	-65.30	54156		
303.0	326.39	-65.30	54408		
306.0	326.48	-65.30	54396		
309.0	326.58	-65.30	54364		
312.0	326.57	-65.26	54400		
315.0	326.59	-65.27	54385		
318.0	326.61	-65.27	54362		
321.0	326.50	-65.28	54400		
324.0	326.62	-65.24	54334		
327.0	326.66	-65.24	54332		
330.0	326.59	-65.20	54348		
333.0	326.63	-65.16	54291		
336.0	326.49	-65.12	54266		
339.0	325.22	-66.20	54289		
345.0	326.59	-65.03	54251		
348.0	326.62	-65.02	54112		
351.0	327.79	-64.97	54604		
354.0	326.87	-64.94	54377		
357.0	326.69	-64.95	54341		
363.0	326.28	-64.94	54280		
366.0	326.17	-64.85	54446		
369.0	326.36	-64.83	54856		
372.0	328.73	-64.79	55017		
375.0	327.21	-64.79	54249		
378.0	326.38	-64.75	54543		
381.0	327.19	-64.74	54545		
384.0	327.70	-64.72	54463		
387.0	327.60	-64.71	54431		
390.0	328.05	-64.71	54315		
393.0	327.87	-64.70	54376		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
396.0	327.96	-64.69	54388		
399.0	329.32	-64.63	54249		
402.0	327.76	-64.63	54457		
405.0	327.94	-64.57	54509		
408.0	327.95	-64.49	54552		
411.0	327.60	-64.42	54539		
414.0	327.70	-64.32	54472		
417.0	327.72	-64.24	54459		
420.0	327.85	-64.23	54463		
423.0	328.07	-64.12	54524		
426.0	328.07	-64.09	54521		
429.0	328.24	-64.03	54423		
432.0	327.88	-64.02	53666		

From	To	Lithologic Group					
0.00	20.28	Overburden					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	20.28	20.28			Unaltered		

From	To	Lithologic Group					
20.28	46.15	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
20.28	21.00	0.72	449501	0.093	Silicified	2%	medium grained, massive, light grey, non magnetic tonalite
21.00	22.15	1.15	449502	0.031	Sericitic alteration	5%	
22.15	23.00	0.85	449503	0.118	Sericitic alteration	10%	
23.00	24.00	1.00	449504	0.045	Sericitic alteration	3%	
24.00	25.00	1.00	449505	0.018	Sericitic alteration	3%	
25.00	26.00	1.00	449506	0.024	Sericitic alteration	2%	
26.00	27.00	1.00	449507	0.013	Sericitic alteration	2%	
27.00	28.00	1.00	449508	0.060	Sericitic alteration	2%	Dup and Blank after this sample
28.00	29.00	1.00	449511	0.033	Sericitic alteration	1%	
29.00	30.00	1.00	449513	0.014	Sericitic alteration	2%	
30.00	31.00	1.00	449514	0.035	Sericitic alteration	2%	
31.00	32.00	1.00	449515	0.019	Sericitic alteration	2%	
32.00	33.00	1.00	449516	0.072	Sericitic alteration	3%	
33.00	34.00	1.00	449517	0.109	Sericitic alteration	7%	
34.00	35.00	1.00	449518	0.111	Sericitic alteration	2%	
35.00	36.00	1.00	449519	0.090	Silicified	2%	
36.00	37.00	1.00	449520	0.034	Sericitic alteration	3%	
37.00	38.00	1.00	449521	0.028	Sericitic alteration	23%	
38.00	39.00	1.00	449522	0.054	Sericitic alteration	2%	
39.00	40.00	1.00	449523	0.083	Sericitic alteration	2%	
40.00	41.00	1.00	449525	0.061	Sericitic alteration	5%	
41.00	42.00	1.00	449526	0.041	Sericitic alteration	1%	
42.00	43.00	1.00	449527	0.069	Silicified	2%	
43.00	44.00	1.00	449528	0.044	Sericitic alteration	2%	
44.00	45.00	1.00	449529	0.117	Silicified	2%	
45.00	46.15	1.15	449531	0.692	Silicified	9%	

From	To	Lithologic Group					
46.15	46.95	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
46.15	46.95	0.80	449532	0.459	Chloritic alteration	0%	

From	To	Lithologic Group					
46.95	52.05	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
46.95	48.00	1.05	449533	0.009	Sericitic alteration	3%	
48.00	49.00	1.00	449534	0.034	Sericitic alteration	2%	
49.00	50.00	1.00	449535	0.026	Silicified	5%	
50.00	51.00	1.00	449537	0.068	Silicified	3%	30 cm MafDk
51.00	52.05	1.05	449538	0.037	Silicified	2%	
From	To	Lithologic Group					
52.05	74.85	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
52.05	53.00	0.95	449539	0.134	Chloritic alteration	5%	dark green, fine to medium grained, massive, non magnetic
53.00	54.00	1.00	449540	0.155	Chloritic alteration	3%	
54.00	55.00	1.00	449541	3.130	Biotitic alteration	12%	
55.00	56.20	1.20	449542	0.018	Chloritic alteration	7%	
56.20	56.70	0.50	449543	0.065	Chloritic alteration	5%	leucodiorite
56.70	58.00	1.30	449544	0.041	Chloritic alteration	7%	
58.00	59.00	1.00	449545	0.234	Chloritic alteration	3%	
59.00	60.00	1.00	449546	0.015	Chloritic alteration	3%	
60.00	61.00	1.00	449547	0.033	Chloritic alteration	1%	
61.00	62.00	1.00	449549	0.021	Chloritic alteration	7%	
62.00	63.00	1.00	449551	0.008	Chloritic alteration	10%	
63.00	64.10	1.10	449552	0.043	Chloritic alteration	3%	
64.10	65.00	0.90	449553	0.005	Chloritic alteration	2%	
65.00	66.00	1.00	449554	0.006	Chloritic alteration	1%	
66.00	67.00	1.00	449555	0.005	Chloritic alteration	3%	
67.00	68.00	1.00	449556	0.019	Chloritic alteration	2%	
68.00	69.00	1.00	449557	0.005	Chloritic alteration	1%	
69.00	70.00	1.00	449558	0.005	Chloritic alteration	0%	
70.00	71.00	1.00	449559	0.011	Chloritic alteration	5%	
71.00	72.18	1.18	449561	0.005	Chloritic alteration	5%	
72.18	72.95	0.77	449562	1.338	Biotitic alteration	7%	foliated
72.95	74.00	1.05	449563	0.040	Chloritic alteration	1%	
74.00	74.85	0.85	449564	0.017	Chloritic alteration	1%	
From	To	Lithologic Group					
74.85	78.05	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
74.85	76.00	1.15	449565	0.006	Epidote alteration	0%	dark green to black, magnetic, feldspar porphyritic diabase
76.00	77.00	1.00	449566	0.007	Epidote alteration	0%	
77.00	78.05	1.05	449567	0.008	Epidote alteration	1%	

From	To	Lithologic Group					
78.05	109.00	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
78.05	79.00	0.95	449568	0.005	Chloritic alteration	2%	foliated
79.00	80.00	1.00	449569	0.091	Chloritic alteration	5%	foliated
80.00	81.00	1.00	449571	0.009	Chloritic alteration	5%	foliated
81.00	82.35	1.35	449573	1.340	Chloritic alteration	10%	foliated
82.35	83.00	0.65	449574	0.424	Chloritic alteration	3%	
83.00	84.00	1.00	449575	0.017	Chloritic alteration	5%	
84.00	85.00	1.00	449576	0.087	Chloritic alteration	5%	
85.00	86.00	1.00	449577	0.016	Chloritic alteration	0%	
86.00	87.00	1.00	449578	0.076	Chloritic alteration	1%	
87.00	88.00	1.00	449579	0.011	Chloritic alteration	0%	
88.00	89.00	1.00	449580	0.014	Chloritic alteration	0%	
89.00	90.00	1.00	449581	0.005	Chloritic alteration	1%	
90.00	90.70	0.70	449582	0.009	Chloritic alteration	1%	
90.70	91.45	0.75	449583	0.022	Chloritic alteration	0%	leucodiorite with clots of amphibole
91.45	92.00	0.55	449585	0.015	Chloritic alteration	0%	
92.00	93.00	1.00	449586	0.007	Chloritic alteration	0%	
93.00	94.05	1.05	449587	0.025	Chloritic alteration	3%	
94.05	95.00	0.95	449588	0.022	Chloritic alteration	3%	
95.00	96.00	1.00	449589	0.014	Chloritic alteration	3%	
96.00	97.00	1.00	449591	0.011	Chloritic alteration	2%	
97.00	98.00	1.00	449592	0.017	Chloritic alteration	1%	
98.00	99.00	1.00	449593	0.006	Chloritic alteration	2%	clots of amphibole
99.00	100.00	1.00	449594	0.011	Chloritic alteration	1%	leucodiorite with clots of amphibole
100.00	101.00	1.00	449595	0.005	Chloritic alteration	1%	leucodiorite with clots of amphibole
101.00	102.00	1.00	449597	0.006	Chloritic alteration	2%	leucodiorite with clots of amphibole
102.00	103.50	1.50	449598	0.045	Chloritic alteration	3%	clots of amphibole
103.50	104.75	1.25	449599	0.011	Chloritic alteration	0%	leucodiorite with clots of amphibole
104.75	106.00	1.25	449600	0.146	Chloritic alteration	2%	clots of amphibole
106.00	107.00	1.00	449601	0.016	Chloritic alteration	2%	
107.00	108.00	1.00	449602	0.185	Chloritic alteration	1%	
108.00	109.00	1.00	449603	0.016	Chloritic alteration	0%	

From	To	Lithologic Group					
109.00	114.00	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
109.00	110.00	1.00	449604	0.007	Chloritic alteration	1%	
110.00	111.00	1.00	449605	0.011	Chloritic alteration	0%	

111.00	112.00	1.00	449606	0.093	Chloritic alteration	1%
112.00	113.00	1.00	449607	0.411	Chloritic alteration	1%
113.00	114.00	1.00	449608	0.092	Chloritic alteration	2%

From	To	Lithologic Group				
114.00	115.25	Diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
114.00	115.25	1.25	449609	0.011	Chloritic alteration	0%	leucodiorite

From	To	Lithologic Group				
115.25	129.00	Quartz diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
115.25	116.00	0.75	449611	0.013	Chloritic alteration	1%	
116.00	117.00	1.00	449613	0.195	Chloritic alteration	1%	
117.00	118.00	1.00	449614	0.030	Chloritic alteration	0%	
118.00	119.00	1.00	449615	0.037	Chloritic alteration	0%	
119.00	120.00	1.00	449616	0.051	Chloritic alteration	0%	
120.00	121.00	1.00	449617	0.037	Chloritic alteration	1%	
121.00	122.00	1.00	449618	0.160	Chloritic alteration	2%	
122.00	123.00	1.00	449619	0.025	Chloritic alteration	1%	
123.00	124.00	1.00	449620	0.118	Chloritic alteration	1%	
124.00	125.00	1.00	449621	0.052	Chloritic alteration	0%	
125.00	126.00	1.00	449622	0.405	Chloritic alteration	1%	
126.00	127.00	1.00	449623	3.650	Chloritic alteration	1%	
127.00	128.00	1.00	449625	0.622	Chloritic alteration	1%	
128.00	129.00	1.00	449626	0.027	Chloritic alteration	1%	

From	To	Lithologic Group				
129.00	130.95	Diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
129.00	130.00	1.00	449627	0.315	Chloritic alteration	2%	
130.00	130.95	0.95	449628	0.158	Chloritic alteration	1%	

From	To	Lithologic Group				
130.95	131.60	Quartz diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
130.95	131.60	0.65	449629	0.062	Chloritic alteration	1%	

From	To	Lithologic Group				
131.60	135.00	Diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
131.60	133.00	1.40	449631	0.020	Chloritic alteration	1%	
133.00	134.00	1.00	449632	0.024	Chloritic alteration	2%	
134.00	135.00	1.00	449633	0.011	Chloritic alteration	0%	

From	To	Lithologic Group					
135.00	136.50	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
135.00	136.50	1.50	449634	0.019	Chloritic alteration	2%	
From	To	Lithologic Group					
136.50	142.30	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
136.50	138.00	1.50	449635	0.008	Epidote alteration	1%	
138.00	139.00	1.00	449637	0.010	Epidote alteration	1%	
139.00	140.00	1.00	449638	0.007	Epidote alteration	1%	
140.00	141.00	1.00	449639	0.007	Epidote alteration	1%	
141.00	142.30	1.30	449640	0.007	Epidote alteration	1%	
From	To	Lithologic Group					
142.30	143.75	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
142.30	143.00	0.70	449641	0.016	Sericitic alteration	0%	subangular to subrounded cm- to dm-scale DR fragments in tonalite matrix
143.00	143.75	0.75	449642	0.030	Sericitic alteration	1%	
From	To	Lithologic Group					
143.75	147.00	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
143.75	145.00	1.25	449643	0.016	Biotitic alteration	1%	
145.00	146.00	1.00	449644	0.018	Biotitic alteration	1%	
146.00	147.00	1.00	449645	0.233	Biotitic alteration	1%	
From	To	Lithologic Group					
147.00	251.20	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
147.00	148.00	1.00	449646	0.045	Silicified	3%	
148.00	149.00	1.00	449647	0.014	Silicified	2%	
149.00	150.00	1.00	449649	0.029	Silicified	2%	
150.00	151.00	1.00	449651	0.027	Silicified	2%	
151.00	152.00	1.00	449652	0.057	Silicified	2%	
152.00	153.00	1.00	449653	0.071	Silicified	2%	
153.00	154.00	1.00	449654	0.060	Silicified	3%	
154.00	155.00	1.00	449655	0.122	Silicified	2%	
155.00	156.00	1.00	449656	0.091	Silicified	5%	
156.00	157.00	1.00	449657	0.043	Silicified	3%	
157.00	158.00	1.00	449658	0.052	Sericitic alteration	3%	
158.00	159.00	1.00	449659	0.167	Silicified	1%	
159.00	160.00	1.00	449661	0.076	Silicified	2%	
160.00	161.00	1.00	449662	0.044	Sericitic alteration	7%	

161.00	162.00	1.00	449663	0.302	Sericitic alteration	2%
162.00	163.00	1.00	449664	0.151	Silicified	2%
163.00	164.00	1.00	449665	0.082	Silicified	2%
164.00	165.00	1.00	449666	0.234	Silicified	5%
165.00	166.00	1.00	449667	0.032	Silicified	3%
166.00	167.00	1.00	449668	0.104	Silicified	2%
167.00	168.00	1.00	449669	0.560	Silicified	3%
168.00	169.00	1.00	449671	0.103	Silicified	1%
169.00	170.00	1.00	449673	0.335	Silicified	5%
170.00	171.00	1.00	449674	0.093	Silicified	3%
171.00	172.00	1.00	449675	0.179	Silicified	2%
172.00	173.00	1.00	449676	0.040	Silicified	5%
173.00	174.00	1.00	449677	0.119	Silicified	1%
174.00	175.00	1.00	449678	0.337	Silicified	2%
175.00	176.00	1.00	449679	0.035	Silicified	3%
176.00	177.00	1.00	449680	0.070	Silicified	2%
177.00	178.00	1.00	449681	0.117	Silicified	2%
178.00	179.00	1.00	449682	0.058	Silicified	5%
179.00	180.00	1.00	449683	0.043	Silicified	2%
180.00	181.00	1.00	449685	0.154	Silicified	1%
181.00	182.00	1.00	449686	0.039	Silicified	7%
182.00	182.85	0.85	449687	0.058	Silicified	1%
182.85	184.00	1.15	449688	0.074	Silicified	7%
184.00	185.00	1.00	449689	0.200	Silicified	3%
185.00	186.10	1.10	449691	0.074	Silicified	3%
186.10	187.00	0.90	449692	0.037	Silicified	2%
187.00	188.00	1.00	449693	0.095	Silicified	2%
188.00	189.00	1.00	449694	0.129	Silicified	2%
189.00	190.00	1.00	449695	0.072	Silicified	2%
190.00	191.00	1.00	449697	0.186	Silicified	3%
191.00	192.00	1.00	449698	0.094	Silicified	2%
192.00	193.00	1.00	449699	0.154	Silicified	5%
193.00	194.00	1.00	449700	0.143	Silicified	3%
194.00	195.00	1.00	449701	0.053	Silicified	3%
195.00	196.00	1.00	449702	0.710	Silicified	2%
196.00	197.00	1.00	449703	0.533	Silicified	4%
197.00	198.00	1.00	449704	0.047	Silicified	2%
198.00	199.00	1.00	449705	0.642	Silicified	3%
199.00	200.00	1.00	449706	0.183	Silicified	3%
200.00	201.00	1.00	449707	0.291	Silicified	2%
201.00	201.90	0.90	449708	0.279	Silicified	2%
201.90	202.50	0.60	449709	0.515	Silicified	5%

202.50	203.00	0.50	449711	0.030	Silicified	0%
203.00	204.00	1.00	449713	0.117	Silicified	2%
204.00	205.00	1.00	449714	0.585	Silicified	2%
205.00	206.00	1.00	449715	0.149	Silicified	2%
206.00	207.00	1.00	449716	0.596	Silicified	3%
207.00	208.00	1.00	449717	0.126	Silicified	3%
208.00	209.00	1.00	449718	0.136	Silicified	2%
209.00	210.00	1.00	449719	0.338	Silicified	2%
210.00	211.00	1.00	449720	0.171	Silicified	2%
211.00	212.00	1.00	449721	0.856	Silicified	4%
212.00	213.00	1.00	449722	0.309	Silicified	3%
213.00	214.00	1.00	449723	0.106	Silicified	3%
214.00	215.00	1.00	449725	0.489	Silicified	5%
215.00	216.00	1.00	449726	0.605	Silicified	3%
216.00	217.00	1.00	449727	0.863	Silicified	5%
217.00	218.00	1.00	449728	0.592	Silicified	3%
218.00	219.00	1.00	449729	2.034	Silicified	3%
219.00	220.00	1.00	449731	0.954	Silicified	1%
220.00	221.00	1.00	449732	0.491	Silicified	1%
221.00	222.00	1.00	449733	0.382	Silicified	2%
222.00	223.00	1.00	449734	0.772	Silicified	2%
223.00	224.00	1.00	449735	0.344	Silicified	2%
224.00	225.00	1.00	449737	0.377	Sericitic alteration	2%
225.00	226.00	1.00	449738	0.647	Sericitic alteration	3%
226.00	227.00	1.00	449739	0.273	Sericitic alteration	5%
227.00	228.00	1.00	449740	0.401	Sericitic alteration	2%
228.00	229.00	1.00	449741	0.221	Sericitic alteration	2%
229.00	230.00	1.00	449742	0.632	Sericitic alteration	5%
230.00	231.00	1.00	449743	0.498	Sericitic alteration	5%
231.00	232.00	1.00	449744	0.619	Sericitic alteration	3%
232.00	233.00	1.00	449745	0.411	Sericitic alteration	3%
233.00	234.00	1.00	449746	0.421	Sericitic alteration	2%
234.00	235.00	1.00	449747	2.893	Sericitic alteration	3%
235.00	236.00	1.00	449749	0.893	Sericitic alteration	1%
236.00	237.00	1.00	449751	0.892	Sericitic alteration	2%
237.00	238.00	1.00	449752	2.980	Sericitic alteration	3%
238.00	239.00	1.00	449753	0.323	Sericitic alteration	2%
239.00	240.00	1.00	449754	0.366	Sericitic alteration	2%
240.00	241.00	1.00	449755	0.541	Sericitic alteration	2%
241.00	242.00	1.00	449756	0.477	Silicified	2%
242.00	243.00	1.00	449757	0.184	Silicified	3%
243.00	244.00	1.00	449758	0.453	Silicified	3%

244.00	245.00	1.00	449759	0.415	Silicified	2%
245.00	246.00	1.00	449761	1.460	Sericitic alteration	5%
246.00	247.00	1.00	449762	0.420	Sericitic alteration	3%
247.00	248.00	1.00	449763	0.547	Sericitic alteration	2%
248.00	249.00	1.00	449764	0.536	Sericitic alteration	2%
249.00	250.00	1.00	449765	0.407	Sericitic alteration	2%
250.00	251.20	1.20	449766	0.799	Sericitic alteration	5%

From	To	Lithologic Group				
251.20	252.20	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
251.20	252.20	1.00	449767	0.021	Chloritic alteration	3%	

From	To	Lithologic Group				
252.20	262.65	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
252.20	253.00	0.80	449768	0.563	Sericitic alteration	3%	
253.00	254.00	1.00	449769	1.263	Sericitic alteration	3%	
254.00	255.00	1.00	449771	1.315	Sericitic alteration	2%	
255.00	256.00	1.00	449773	0.641	Sericitic alteration	2%	
256.00	257.00	1.00	449774	0.287	Sericitic alteration	3%	
257.00	258.00	1.00	449775	1.102	Sericitic alteration	2%	
258.00	259.00	1.00	449776	0.891	Sericitic alteration	3%	
259.00	260.00	1.00	449777	1.082	Sericitic alteration	2%	
260.00	261.00	1.00	449778	0.635	Sericitic alteration	2%	
261.00	262.00	1.00	449779	0.360	Sericitic alteration	5%	
262.00	262.65	0.65	449780	4.200	Sericitic alteration	5%	

From	To	Lithologic Group				
262.65	264.00	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
262.65	264.00	1.35	449781	0.580	Chloritic alteration	3%	

From	To	Lithologic Group				
264.00	271.15	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
264.00	265.00	1.00	449782	0.744	Sericitic alteration	3%	
265.00	266.00	1.00	449783	0.711	Sericitic alteration	3%	
266.00	267.00	1.00	449785	0.617	Sericitic alteration	7%	
267.00	268.00	1.00	449786	0.271	Sericitic alteration	5%	
268.00	269.00	1.00	449787	0.254	Sericitic alteration	7%	
269.00	270.00	1.00	449788	0.419	Sericitic alteration	5%	
270.00	271.15	1.15	449789	0.354	Sericitic alteration	3%	

From	To	Lithologic Group				
271.15	272.30	Lamprophyre Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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271.15	272.30	1.15	449791	0.016	Biotitic alteration	10%
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From	To	Lithologic Group				
272.30	318.35	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
272.30	273.00	0.70	449792	0.299	Sericitic alteration	1%	
273.00	274.00	1.00	449793	0.679	Sericitic alteration	1%	
274.00	275.00	1.00	449794	2.126	Sericitic alteration	3%	
275.00	276.00	1.00	449795	0.970	Silicified	3%	
276.00	277.00	1.00	449797	0.293	Silicified	3%	
277.00	278.00	1.00	449798	0.382	Sericitic alteration	5%	
278.00	279.00	1.00	449799	0.465	Sericitic alteration	3%	
279.00	280.10	1.10	449800	0.589	Silicified	3%	
280.10	281.00	0.90	449801	0.387	Sericitic alteration	2%	
281.00	282.00	1.00	449802	1.742	Sericitic alteration	5%	
282.00	283.00	1.00	449803	0.960	Silicified	3%	
283.00	284.00	1.00	449804	0.472	Sericitic alteration	2%	
284.00	285.00	1.00	449805	0.479	Sericitic alteration	3%	
285.00	286.00	1.00	449806	0.664	Silicified	3%	
286.00	287.00	1.00	449807	0.927	Sericitic alteration	2%	
287.00	288.00	1.00	449808	0.685	Sericitic alteration	5%	
288.00	289.00	1.00	449809	2.205	Sericitic alteration	3%	
289.00	290.00	1.00	449811	1.108	Sericitic alteration	5%	
290.00	291.00	1.00	449813	2.261	Sericitic alteration	2%	
291.00	292.00	1.00	449814	0.943	Sericitic alteration	3%	
292.00	293.00	1.00	449815	1.753	Sericitic alteration	5%	
293.00	294.00	1.00	449816	0.599	Sericitic alteration	2%	
294.00	295.00	1.00	449817	0.354	Sericitic alteration	2%	
295.00	296.00	1.00	449818	0.780	Sericitic alteration	2%	
296.00	297.00	1.00	449819	0.327	Sericitic alteration	2%	
297.00	298.00	1.00	449820	0.867	Silicified	3%	
298.00	299.00	1.00	449821	0.161	Silicified	2%	
299.00	299.75	0.75	449822	0.339	Silicified	2%	
299.75	300.55	0.80	449823	0.005	Silicified	3%	
300.55	301.20	0.65	449825	0.627	Silicified	2%	
301.20	302.00	0.80	449826	0.345	Silicified	2%	
302.00	303.00	1.00	449827	0.318	Silicified	2%	
303.00	304.00	1.00	449828	0.252	Sericitic alteration	3%	
304.00	305.00	1.00	449829	0.270	Sericitic alteration	2%	
305.00	306.00	1.00	449831	0.233	Sericitic alteration	3%	
306.00	307.00	1.00	449832	0.472	Sericitic alteration	5%	
307.00	308.00	1.00	449833	0.135	Sericitic alteration	2%	
308.00	309.00	1.00	449834	0.227	Silicified	2%	

309.00	310.00	1.00	449835	0.558	Sericitic alteration	3%
310.00	311.00	1.00	449837	0.823	Sericitic alteration	3%
311.00	312.00	1.00	449838	0.778	Sericitic alteration	5%
312.00	313.00	1.00	449839	0.958	Sericitic alteration	3%
313.00	314.00	1.00	449840	1.650	Sericitic alteration	5%
314.00	315.00	1.00	449841	1.966	Sericitic alteration	5%
315.00	316.00	1.00	449842	0.731	Sericitic alteration	2%
316.00	317.00	1.00	449843	0.526	Sericitic alteration	2%
317.00	318.35	1.35	449844	0.519	Sericitic alteration	2%

From	To	Lithologic Group				
318.35	318.85	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
318.35	318.85	0.50	449845	0.014	Chloritic alteration	0%	

From	To	Lithologic Group				
318.85	340.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
318.85	319.95	1.10	449846	1.311	Sericitic alteration	50%	
319.95	321.00	1.05	449847	1.543	Sericitic alteration	2%	
321.00	322.00	1.00	449849	4.680	Sericitic alteration	5%	
322.00	323.00	1.00	449851	1.750	Silicified	5%	
323.00	324.00	1.00	449852	1.241	Silicified	5%	
324.00	325.00	1.00	449853	4.100	Silicified	7%	
325.00	326.00	1.00	449854	0.399	Silicified	3%	
326.00	327.15	1.15	449855	0.525	Silicified	3%	
327.15	328.25	1.10	449856	2.075	Sericitic alteration	7%	
328.25	328.80	0.55	449857	0.619	Sericitic alteration	2%	
328.80	330.00	1.20	449858	0.215	Silicified	2%	
330.00	331.00	1.00	449859	1.152	Silicified	3%	
331.00	332.00	1.00	449861	0.422	Silicified	2%	
332.00	333.00	1.00	449862	0.596	Silicified	2%	
333.00	334.00	1.00	449863	0.640	Silicified	2%	
334.00	335.00	1.00	449864	0.208	Silicified	2%	
335.00	336.00	1.00	449865	0.324	Silicified	1%	
336.00	337.00	1.00	449866	0.581	Silicified	5%	
337.00	338.00	1.00	449867	0.608	Silicified	2%	
338.00	339.00	1.00	449868	0.540	Silicified	3%	
339.00	340.00	1.00	449869	0.494	Silicified	3%	

From	To	Lithologic Group				
340.00	342.00	Hydrothermal Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
340.00	341.00	1.00	449871	0.317	Silicified	3%	3% matrix; in situ, weakly developed

341.00	342.00	1.00	449873	0.409	Silicified	3%	3% matrix; in situ, weakly developed
From	To		Lithologic Group				
342.00	343.00		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
342.00	343.00	1.00	449874	0.214	Silicified	3%	
From	To		Lithologic Group				
343.00	344.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
343.00	344.00	1.00	449875	1.205	Silicified	2%	5% matrix; in situ, weakly developed
From	To		Lithologic Group				
344.00	345.25		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
344.00	345.25	1.25	449876	0.596	Silicified	1%	
From	To		Lithologic Group				
345.25	346.00		Quartz Diorite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
345.25	346.00	0.75	449877	0.192	Chloritic alteration	2%	fg dark green, non magnetic, qtz diorite with irregular/rounded fragments of tonalite at contact
From	To		Lithologic Group				
346.00	347.10		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
346.00	347.10	1.10	449878	0.201	Chloritic alteration	13%	foliated
From	To		Lithologic Group				
347.10	348.80		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
347.10	348.00	0.90	449879	0.564	Silicified	7%	5% matrix; in situ, weakly developed
348.00	348.80	0.80	449880	0.304	Silicified	2%	3% matrix; in situ, weakly developed
From	To		Lithologic Group				
348.80	349.80		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
348.80	349.80	1.00	449881	0.235	Chloritic alteration	5%	
From	To		Lithologic Group				
349.80	351.00		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
349.80	351.00	1.20	449882	0.399	Silicified	3%	5% matrix; in situ, weakly developed

From	To	Lithologic Group					
351.00	351.80	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
351.00	351.80	0.80	449883	0.364	Silicified	2%	
From	To	Lithologic Group					
351.80	353.00	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
351.80	353.00	1.20	449885	0.037	Biotitic alteration	2%	brown, non magnetic, foliated, cg bio in fg matrix of bio+cb
From	To	Lithologic Group					
353.00	354.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
353.00	354.00	1.00	449886	0.885	Silicified	2%	
From	To	Lithologic Group					
354.00	355.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
354.00	355.00	1.00	449887	0.343	Silicified	3%	3% matrix; in situ, weakly developed
From	To	Lithologic Group					
355.00	364.10	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
355.00	356.00	1.00	449888	0.392	Silicified	3%	
356.00	356.60	0.60	449889	0.127	Silicified	5%	
356.60	358.00	1.40	449891	0.226	Chloritic alteration	3%	
358.00	359.00	1.00	449892	0.331	Chloritic alteration	5%	
359.00	360.00	1.00	449893	0.157	Chloritic alteration	3%	sheared?
360.00	361.00	1.00	449894	0.372	Silicified	3%	sheared?
361.00	361.90	0.90	449895	0.367	Chloritic alteration	3%	sheared?
361.90	363.00	1.10	449897	0.059	Silicified	5%	
363.00	364.10	1.10	449898	0.138	Silicified	5%	
From	To	Lithologic Group					
364.10	364.70	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
364.10	364.70	0.60	449899	0.329	Chloritic alteration	3%	
From	To	Lithologic Group					
364.70	366.75	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
364.70	366.00	1.30	449900	0.352	Silicified	5%	
366.00	366.75	0.75	449901	0.740	Silicified	3%	
From	To	Lithologic Group					
366.75	367.72	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

366.75	367.72	0.97	449902	0.099	Silicified	3%	dm scale, irregular to rounded DR/QDR fragments in Ton matrix; 50% fragments
From	To		Lithologic Group				
367.72	369.80		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
367.72	369.00	1.28	449903	0.390	Sericitic alteration	2%	
369.00	369.80	0.80	449904	0.262	Sericitic alteration	2%	
From	To		Lithologic Group				
369.80	373.30		Tonalite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
369.80	371.00	1.20	449905	0.138	Silicified	2%	dm scale, irregular to rounded DR/QDR fragments in Ton matrix; 80% fragments
371.00	372.00	1.00	449906	0.438	Silicified	3%	dm scale, irregular to rounded DR/QDR fragments in Ton matrix; 50% fragments
372.00	373.30	1.30	449907	0.177	Sericitic alteration	3%	dm scale, irregular to rounded DR/QDR fragments in Ton matrix; 60% fragments
From	To		Lithologic Group				
373.30	384.85		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
373.30	374.05	0.75	449908	0.194	Chloritic alteration	1%	
374.05	375.05	1.00	449909	0.427	Chloritic alteration	2%	
375.05	376.45	1.40	449911	0.456	Sericitic alteration	1%	
376.45	377.00	0.55	449913	0.220	Chloritic alteration	1%	
377.00	378.00	1.00	449914	0.446	Chloritic alteration	2%	
378.00	379.00	1.00	449915	0.168	Sericitic alteration	2%	
379.00	379.80	0.80	449916	0.462	Chloritic alteration	1%	
379.80	381.00	1.20	449917	0.211	Sericitic alteration	3%	
381.00	382.00	1.00	449918	0.214	Sericitic alteration	3%	
382.00	383.00	1.00	449919	0.110	Silicified	3%	
383.00	384.00	1.00	449920	0.459	Silicified	2%	
384.00	384.85	0.85	449921	0.510	Silicified	2%	
From	To		Lithologic Group				
384.85	385.45		Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
384.85	385.45	0.60	449922	0.014	Chloritic alteration	1%	
From	To		Lithologic Group				
385.45	386.65		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
385.45	386.65	1.20	449923	0.223	Silicified	5%	

From	To	Lithologic Group					
386.65	390.05	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
386.65	388.05	1.40	449925	0.234	Chloritic alteration	5%	includes 19 cm MafDk; fg to mg, pink and dark green, non magnetic, massive
388.05	389.00	0.95	449926	0.054	Chloritic alteration	3%	
389.00	390.05	1.05	449927	0.267	Chloritic alteration	3%	
From	To	Lithologic Group					
390.05	398.10	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
390.05	391.00	0.95	449928	0.121	Silicified	2%	
391.00	392.00	1.00	449929	0.206	Silicified	3%	
392.00	393.15	1.15	449931	0.481	Sericitic alteration	3%	
393.15	394.00	0.85	449932	0.152	Silicified	2%	
394.00	395.00	1.00	449933	0.139	Silicified	2%	
395.00	396.00	1.00	449934	0.233	Silicified	5%	
396.00	396.85	0.85	449935	0.265	Silicified	2%	
396.85	398.10	1.25	449937	0.221	Silicified	7%	includes 17 cm DR dyke
From	To	Lithologic Group					
398.10	399.40	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
398.10	399.40	1.30	449938	0.029	Chloritic alteration	10%	fg, dark green, non magnetic, massive
From	To	Lithologic Group					
399.40	428.85	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
399.40	400.15	0.75	449939	0.145	Silicified	3%	
400.15	401.00	0.85	449940	0.147	Silicified	2%	
401.00	402.15	1.15	449941	0.153	Silicified	1%	24 cm of late, cold breccia; angular ton fragments in chl matrix
402.15	403.00	0.85	449942	0.255	Silicified	1%	
403.00	404.00	1.00	449943	0.135	Silicified	1%	
404.00	405.00	1.00	449944	0.445	Silicified	3%	
405.00	406.00	1.00	449945	0.852	Silicified	5%	
406.00	407.00	1.00	449946	0.275	Silicified	5%	
407.00	408.00	1.00	449947	0.045	Silicified	1%	
408.00	409.00	1.00	449949	0.037	Silicified	2%	
409.00	410.00	1.00	449951	0.189	Silicified	5%	
410.00	411.00	1.00	449952	0.106	Silicified	2%	
411.00	412.00	1.00	449953	0.186	Silicified	5%	
412.00	413.00	1.00	449954	0.136	Silicified	7%	

413.00	414.00	1.00	449955	0.066	Silicified	3%	
414.00	415.00	1.00	449956	0.061	Silicified	3%	
415.00	416.00	1.00	449957	0.124	Silicified	3%	
416.00	417.00	1.00	449958	0.166	Silicified	2%	
417.00	418.00	1.00	449959	0.102	Silicified	2%	
418.00	419.00	1.00	449961	0.156	Silicified	10%	
419.00	420.00	1.00	449962	0.362	Silicified	5%	includes a 15 cm MafDk
420.00	421.00	1.00	449963	0.645	Silicified	3%	
421.00	422.00	1.00	449964	0.181	Silicified	2%	
422.00	423.00	1.00	449965	0.200	Silicified	2%	
423.00	424.00	1.00	449966	0.202	Silicified	2%	
424.00	425.00	1.00	449967	0.232	Silicified	3%	
425.00	426.00	1.00	449968	0.150	Silicified	2%	
426.00	427.00	1.00	449969	0.052	Silicified	3%	
427.00	428.00	1.00	449971	0.064	Silicified	2%	
428.00	428.85	0.85	449973	0.050	Sericitic alteration	2%	

From	To	Lithologic Group	
428.85	429.90	Diorite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
428.85	429.90	1.05	449974	0.014	Chloritic alteration	7%	

From	To	Lithologic Group	
429.90	435.00	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
429.90	431.00	1.10	449975	0.027	Silicified	3%	
431.00	432.00	1.00	449976	0.197	Silicified	3%	
432.00	433.00	1.00	449977	0.231	Sericitic alteration	5%	
433.00	434.00	1.00	449978	0.124	Sericitic alteration	2%	
434.00	435.00	1.00	449979	0.100	Sericitic alteration	1%	

DRILL HOLE REPORT

Drill Hole **GOS21-97** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -65.0
 Length 121.5 m
 Started 13-Aug-21
 Completed 16-Aug-21
 Logged 31-Aug-21
 Logged by Justin Bisailon

Company
 Contractor Chenier
 Position
 Bore Size BQTK
 Sample Storage
 Casing NONE
 Condition Cemented

Survey Details:

Claim Number MLO-10658
 Property Chester
 Township CHESTER
 Spotted by
 Surveyed by
 Collar Orientation Single-shot (unspecified)
 Coord Survey Tool SURV

Coordinates:

Target Easting 431013.13
 Comments UTM Datum NAD83 Northing 5267765.93
 UTM Zone 17 Elevation 380.97

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
45.0	333.66	-64.57				78.0	334.45	-64.65			
48.0	334.40	-64.50				81.0	334.36	-64.64			
54.0	334.43	-64.55				84.0	334.42	-64.62			
57.0	334.48	-64.54				87.0	334.47	-64.60			
60.0	334.38	-64.66				90.0	334.43	-64.57			
63.0	334.42	-64.55				93.0	334.29	-64.57			
66.0	334.55	-64.51				96.0	334.49	-64.60			
69.0	334.47	-64.54				99.0	334.34	-64.63			
72.0	334.50	-64.59				102.0	334.25	-64.60			
75.0	334.61	-64.63				105.0	334.34	-64.58			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
108.0	334.26	-64.59			
111.0	334.30	-64.51			
114.0	334.37	-64.46			
117.0	335.02	-64.40			
120.0	335.42	-64.26			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
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From	To	Lithologic Group						
0.00	17.42	Overburden						
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments	
0.00	17.42	17.42			Unaltered	0%	Overburden	
From	To	Lithologic Group						
17.42	65.50	Diorite						
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments	
17.42	18.00	0.58	442001	0.158	Chloritic alteration	7%	medium grained, foliated, equigranular, dark greenish grey	
18.00	19.00	1.00	442002	1.065	Chloritic alteration	25%		
19.00	20.50	1.50	442003	0.065	Chloritic alteration	4%	fault zone from 32 to 32.12m	
20.50	22.00	1.50	442004	0.012	Chloritic alteration	1%		
22.00	23.50	1.50	442005	0.005	Chloritic alteration	3%		
23.50	25.00	1.50	442006	0.005	Chloritic alteration	2%		
25.00	26.50	1.50	442007	0.005	Chloritic alteration	2%		
26.50	28.00	1.50	442008	0.005	Chloritic alteration	2%		
28.00	29.50	1.50	442009	0.013	Chloritic alteration	3%		
29.50	31.00	1.50	442011	0.042	Chloritic alteration	12%		
31.00	32.50	1.50	442013	0.395	Chloritic alteration	8%		
32.50	34.00	1.50	442014	0.239	Chloritic alteration	15%		
34.00	35.50	1.50	442015	0.058	Chloritic alteration	7%		
35.50	37.00	1.50	442016	0.509	Chloritic alteration	10%		
37.00	38.50	1.50	442017	0.448	Chloritic alteration	10%		
38.50	40.00	1.50	442018	0.036	Chloritic alteration	2%		
40.00	41.50	1.50	442019	0.007	Chloritic alteration	3%		
41.50	43.00	1.50	442020	0.153	Chloritic alteration	13%		
43.00	44.50	1.50	442021	0.433	Chloritic alteration	8%		
44.50	46.00	1.50	442022	0.062	Chloritic alteration	2%		
46.00	47.50	1.50	442023	0.021	Chloritic alteration	1%		
47.50	49.00	1.50	442025	0.138	Chloritic alteration	3%		
49.00	50.50	1.50	442026	0.070	Chloritic alteration	4%		
50.50	52.00	1.50	442027	0.100	Chloritic alteration	3%		reddish tinge
52.00	53.50	1.50	442028	0.083	Chloritic alteration	5%		
53.50	55.00	1.50	442029	0.020	Chloritic alteration	4%		
55.00	56.50	1.50	442031	0.147	Chloritic alteration	3%		
56.50	58.00	1.50	442032	0.088	Chloritic alteration	1%		
58.00	59.50	1.50	442033	0.062	Chloritic alteration	4%		
59.50	61.00	1.50	442034	0.247	Chloritic alteration	1%		coarse grained
61.00	62.50	1.50	442035	0.513	Chloritic alteration	1%		

62.50	64.00	1.50	442037	1.009	Chloritic alteration	2%	medium grained
64.00	65.50	1.50	442038	0.077	Chloritic alteration	1%	
From 65.50	To 77.50	Lithologic Group Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
65.50	67.00	1.50	442039	0.492	Chloritic alteration	2%	leucocratic
67.00	68.50	1.50	442040	0.169	Chloritic alteration	2%	melanocratic at 67.59m
68.50	70.00	1.50	442041	0.047	Chloritic alteration	0%	
70.00	71.50	1.50	442042	0.270	Chloritic alteration	1%	
71.50	73.00	1.50	442043	0.143	Chloritic alteration	0%	
73.00	74.50	1.50	442044	2.553	Chloritic alteration	1%	
74.50	76.00	1.50	442045	1.350	Chloritic alteration	1%	
76.00	77.50	1.50	442046	0.625	Chloritic alteration	1%	
From 77.50	To 85.00	Lithologic Group Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
77.50	79.00	1.50	442047	0.459	Chloritic alteration	3%	
79.00	80.50	1.50	442049	0.209	Chloritic alteration	1%	
80.50	81.94	1.44	442051	0.050	Chloritic alteration	4%	
81.94	83.50	1.56	442052	0.182	Chloritic alteration	4%	
83.50	85.00	1.50	442053	0.044	Chloritic alteration	1%	
From 85.00	To 87.00	Lithologic Group Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
85.00	86.50	1.50	442054	0.039	Chloritic alteration	2%	x laurent from here
86.50	87.00	0.50	442055	0.032	Chloritic alteration	2%	x
From 87.00	To 89.50	Lithologic Group Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
87.00	88.50	1.50	442056	0.336	Silicified	4%	x
88.50	89.50	1.00	442057	0.506	Silicified	10%	x
From 89.50	To 92.50	Lithologic Group Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
89.50	90.50	1.00	442058	1.175	Chloritic alteration	8%	x
90.50	91.50	1.00	442059	0.082	Chloritic alteration	5%	x
91.50	92.50	1.00	442061	0.178	Chloritic alteration	3%	x
From 92.50	To 98.00	Lithologic Group Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
92.50	94.00	1.50	442062	0.154	Silicified	2%	x

94.00	95.00	1.00	442063	0.410	Silicified	5%	x
95.00	96.00	1.00	442064	0.031	Silicified	2%	x
96.00	97.00	1.00	442065	0.075	Silicified	1%	x
97.00	98.00	1.00	442066	0.118	Silicified	2%	x
From	To	Lithologic Group					
98.00	100.50	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
98.00	99.00	1.00	442067	0.043	Chloritic alteration	2%	x
99.00	100.50	1.50	442068	0.111	Chloritic alteration	2%	x
From	To	Lithologic Group					
100.50	101.50	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
100.50	101.50	1.00	442069	0.063	Silicified	2%	x
From	To	Lithologic Group					
101.50	103.40	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
101.50	102.20	0.70	442071	0.077	Chloritic alteration	1%	x
102.20	103.40	1.20	442073	0.074	Chloritic alteration	4%	x
From	To	Lithologic Group					
103.40	121.50	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
103.40	105.00	1.60	442074	0.111	Silicified	2%	
105.00	106.00	1.00	442075	0.088	Silicified	2%	
106.00	107.00	1.00	442076	1.709	Silicified	2%	
107.00	108.00	1.00	442077	0.150	Silicified	2%	
108.00	109.00	1.00	442078	0.106	Silicified	2%	
109.00	110.00	1.00	442079	0.049	Silicified	4%	
110.00	111.00	1.00	442080	0.114	Silicified	3%	
111.00	112.00	1.00	442081	0.377	Silicified	3%	
112.00	113.00	1.00	442082	0.099	Silicified	3%	
113.00	114.00	1.00	442083	1.986	Silicified	4%	
114.00	115.00	1.00	442085	0.186	Silicified	3%	
115.00	116.00	1.00	442086	0.069	Silicified	3%	
116.00	117.00	1.00	442087	0.068	Silicified	2%	
117.00	118.00	1.00	442088	0.089	Silicified	2%	
118.00	119.00	1.00	442089	0.016	Silicified	4%	
119.00	120.00	1.00	442091	0.022	Silicified	2%	
120.00	121.00	1.00	442092	0.034	Silicified	2%	
121.00	121.50	0.50	442093	0.020	Silicified	2%	

DRILL HOLE REPORT

Drill Hole **GOS21-98** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -65.0
 Length 417.0 m
 Started 17-Aug-21
 Completed 28-Aug-21
 Logged 31-Aug-21
 Logged by Laurent Gauchat
 Company
 Contractor Chenier
 Position
 Bore Size BQTK
 Sample Storage
 Casing NONE
 Condition Cemented

Survey Details:

Claim Number MLO-10658
 Property Chester 234
 Township CHESTER
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool SURV

Coordinates:

Target Easting 431031.96
 Comments UTM Datum NAD83 Northing 5267812.36
 UTM Zone 17 Elevation 380.98

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
12.0	330.29	-64.96				51.0	329.72	-64.86			
21.0	329.87	-64.87				54.0	329.98	-64.76			
24.0	329.72	-64.85				57.0	330.03	-64.78			
27.0	329.87	-64.82				60.0	329.67	-65.26			
30.0	329.93	-64.82				63.0	330.26	-64.79			
33.0	329.89	-64.86				66.0	330.31	-64.76			
36.0	329.78	-64.85				69.0	330.31	-64.76			
39.0	329.88	-64.82				72.0	330.34	-64.75			
42.0	329.85	-64.78				75.0	330.47	-64.75			
45.0	329.79	-64.81				78.0	330.34	-64.83			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
81.0	330.64	-64.34			
84.0	330.72	-64.27			
87.0	330.44	-64.44			
90.0	330.12	-64.55			
93.0	330.87	-64.19			
96.0	331.41	-63.27			
99.0	330.21	-64.47			
108.0	330.07	-64.47			
111.0	330.28	-64.40			
114.0	329.90	-64.55			
117.0	330.30	-64.32			
120.0	330.39	-64.42			
123.0	330.12	-64.39			
126.0	330.16	-64.46			
129.0	330.28	-64.39			
132.0	330.34	-64.40			
135.0	330.27	-64.34			
138.0	330.33	-64.36			
141.0	330.30	-64.29			
144.0	330.24	-64.26			
147.0	329.39	-64.67			
153.0	330.25	-64.18			
156.0	330.38	-64.15			
159.0	330.21	-64.20			
162.0	330.32	-64.20			
165.0	330.27	-64.21			
168.0	330.29	-64.21			
171.0	330.31	-64.18			
174.0	330.41	-64.15			
177.0	330.54	-64.14			
180.0	330.60	-64.11			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
183.0	330.34	-64.08			
186.0	331.33	-64.08			
189.0	330.68	-64.06			
192.0	330.86	-64.06			
195.0	330.60	-64.05			
198.0	330.56	-64.02			
204.0	330.31	-63.97			
207.0	330.21	-63.94			
210.0	330.05	-63.89			
213.0	330.83	-63.86			
216.0	330.60	-63.84			
219.0	330.11	-63.81			
222.0	330.85	-63.76			
225.0	331.06	-63.74			
231.0	328.10	-63.76			
234.0	329.94	-63.74			
237.0	330.52	-63.75			
240.0	330.34	-63.73			
243.0	330.88	-63.74			
246.0	331.40	-63.74			
249.0	329.79	-63.76			
252.0	329.15	-63.77			
255.0	330.19	-63.76			
258.0	331.91	-63.75			
264.0	328.71	-63.75			
267.0	331.25	-63.75			
270.0	331.14	-63.74			
273.0	331.59	-63.75			
276.0	329.29	-63.76			
279.0	330.53	-63.76			
282.0	331.18	-63.76			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
285.0	331.22	-63.76			
288.0	331.48	-63.77			
291.0	331.41	-63.78			
294.0	331.52	-63.79			
297.0	331.19	-63.82			
300.0	331.40	-63.84			
306.0	331.60	-63.83			
309.0	331.69	-63.83			
312.0	331.77	-63.83			
315.0	330.97	-63.83			
318.0	332.00	-63.81			
321.0	331.44	-63.80			
324.0	331.89	-63.78			
327.0	331.76	-63.69			
330.0	332.32	-63.74			
333.0	332.40	-63.77			
336.0	332.14	-63.77			
339.0	330.47	-63.82			
342.0	333.34	-63.83			
345.0	331.67	-63.81			
348.0	332.65	-63.82			
354.0	332.65	-63.83			
357.0	332.36	-63.85			
360.0	331.85	-63.86			
363.0	332.55	-63.85			
366.0	332.04	-63.88			
369.0	332.48	-63.82			
372.0	331.49	-63.93			
375.0	332.88	-63.94			
378.0	332.86	-63.93			
381.0	332.89	-63.93			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
387.0	332.61	-63.92			
390.0	332.64	-63.92			
393.0	332.90	-63.97			
396.0	332.94	-63.93			
399.0	332.87	-63.93			
402.0	333.20	-63.88			
405.0	333.13	-63.87			
408.0	333.46	-63.88			
411.0	333.49	-63.90			
414.0	333.75	-63.89			
417.0	333.49	-63.87			

From	To	Lithologic Group					
0.00	6.50	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	6.50	6.50			Unaltered		x
From	To	Lithologic Group					
6.50	14.00	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
6.50	8.00	1.50	442094	0.005	Chloritic alteration	1%	x
8.00	9.00	1.00	442095	0.005	Chloritic alteration	2%	x
9.00	10.00	1.00	442097	0.005	Chloritic alteration	2%	x
10.00	11.00	1.00	442098	0.005	Chloritic alteration	2%	x
11.00	12.00	1.00	442099	0.017	Chloritic alteration	2%	x
12.00	13.00	1.00	442100	0.024	Chloritic alteration	2%	x
13.00	14.00	1.00	442101	0.016	Chloritic alteration	2%	x
From	To	Lithologic Group					
14.00	18.20	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
14.00	15.00	1.00	442102	0.066	Chloritic alteration	5%	x
15.00	16.00	1.00	442103	0.026	Chloritic alteration	2%	x
16.00	17.00	1.00	442104	0.063	Chloritic alteration	2%	x small int of ton (20cm)
17.00	18.20	1.20	442105	0.124	Chloritic alteration	2%	x
From	To	Lithologic Group					
18.20	27.50	Quartz Feldspar porphyry					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
18.20	19.00	0.80	442106	0.095	Biotitic alteration	2%	x
19.00	20.00	1.00	442107	0.043	Biotitic alteration	2%	x
20.00	21.00	1.00	442108	0.043	Biotitic alteration	2%	x
21.00	22.00	1.00	442109	0.069	Biotitic alteration	2%	x
22.00	23.00	1.00	442111	0.021	Biotitic alteration	2%	x
23.00	24.00	1.00	442113	0.034	Biotitic alteration	2%	x
24.00	25.00	1.00	442114	0.094	Biotitic alteration	2%	x
25.00	26.00	1.00	442115	0.051	Biotitic alteration	2%	x
26.00	27.00	1.00	442116	0.011	Biotitic alteration	2%	x
27.00	27.50	0.50	442117	0.253	Biotitic alteration	2%	x
From	To	Lithologic Group					
27.50	45.00	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
27.50	29.00	1.50	442118	0.166	Chloritic alteration	2%	x

29.00	30.00	1.00	442119	0.060	Chloritic alteration	2%	x
30.00	31.00	1.00	442120	0.085	Chloritic alteration	2%	x
31.00	32.00	1.00	442121	0.026	Silicified	2%	x small ton int
32.00	33.00	1.00	442122	0.026	Chloritic alteration	2%	x
33.00	34.00	1.00	442123	0.131	Silicified	4%	x
34.00	35.00	1.00	442125	0.051	Silicified	3%	x
35.00	36.00	1.00	442126	0.242	Chloritic alteration	2%	x
36.00	37.00	1.00	442127	0.242	Chloritic alteration	2%	x
37.00	38.00	1.00	442128	0.008	Chloritic alteration	2%	x
38.00	39.00	1.00	442129	0.073	Chloritic alteration	2%	x
39.00	40.00	1.00	442131	0.050	Chloritic alteration	2%	x
40.00	41.00	1.00	442132	0.176	Chloritic alteration	3%	x
41.00	42.00	1.00	442133	0.718	Chloritic alteration	3%	x
42.00	43.00	1.00	442134	0.411	Chloritic alteration	3%	x
43.00	44.00	1.00	442135	0.148	Chloritic alteration	2%	x
44.00	45.00	1.00	442137	0.073	Chloritic alteration	2%	x

From	To	Lithologic Group					
45.00	50.50	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
45.00	46.00	1.00	442138	0.094	Chloritic alteration	15%	x
46.00	47.00	1.00	442139	0.383	Chloritic alteration	2%	x
47.00	48.00	1.00	442140	0.353	Chloritic alteration	2%	x
48.00	49.00	1.00	442141	0.530	Chloritic alteration	6%	x
49.00	50.00	1.00	442142	0.308	Chloritic alteration	12%	x
50.00	50.50	0.50	442143	1.797	Chloritic alteration	6%	x

From	To	Lithologic Group					
50.50	56.00	Quartz diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
50.50	52.00	1.50	442144	0.365	Silicified	5%	x
52.00	53.00	1.00	442145	0.255	Silicified	3%	x
53.00	54.00	1.00	442146	1.705	Chloritic alteration	2%	x
54.00	55.00	1.00	442147	0.302	Chloritic alteration	2%	x
55.00	56.00	1.00	442149	0.117	Chloritic alteration	2%	x

From	To	Lithologic Group					
56.00	60.00	Tonalite Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
56.00	57.00	1.00	442151	1.119	Silicified	3%	x
57.00	58.00	1.00	442152	2.572	Silicified	2%	x
58.00	59.00	1.00	442153	0.406	Silicified	4%	x
59.00	60.00	1.00	442154	0.265	Silicified	4%	x

From 60.00	To 111.00	Lithologic Group					
		Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
60.00	61.00	1.00	442155	0.187	Silicified	5%	x
61.00	62.00	1.00	442156	0.343	Chloritic alteration	4%	x
62.00	63.00	1.00	442157	0.079	Chloritic alteration	4%	x
63.00	64.00	1.00	442158	0.362	Sericitic alteration	5%	x
64.00	65.00	1.00	442159	0.100	Sericitic alteration	7%	x
65.00	66.00	1.00	442161	0.038	Sericitic alteration	5%	x
66.00	67.00	1.00	442162	0.084	Sericitic alteration	7%	x
67.00	68.00	1.00	442163	0.100	Sericitic alteration	2%	x
68.00	69.00	1.00	442164	0.920	Sericitic alteration	7%	x
69.00	70.00	1.00	442165	0.083	Sericitic alteration	2%	x
70.00	71.00	1.00	442166	0.013	Sericitic alteration	3%	x
71.00	72.00	1.00	442167	0.087	Sericitic alteration	2%	x
72.00	73.00	1.00	442168	0.535	Sericitic alteration	3%	x
73.00	74.00	1.00	442169	0.239	Sericitic alteration	5%	x
74.00	75.00	1.00	442171	0.275	Silicified	2%	x
75.00	76.00	1.00	442173	0.096	Silicified	3%	x
76.00	77.00	1.00	442174	0.087	Silicified	4%	x
77.00	78.00	1.00	442175	0.019	Silicified	4%	x
78.00	79.00	1.00	442176	0.201	Sericitic alteration	7%	x
79.00	80.00	1.00	442177	0.576	Sericitic alteration	6%	x
80.00	81.00	1.00	442178	0.140	Sericitic alteration	4%	x
81.00	82.00	1.00	442179	0.389	Sericitic alteration	3%	x
82.00	83.00	1.00	442180	0.249	Sericitic alteration	4%	x
83.00	84.00	1.00	442181	0.262	Sericitic alteration	4%	x
84.00	85.00	1.00	442182	0.361	Sericitic alteration	3%	x
85.00	86.00	1.00	442183	0.242	Sericitic alteration	3%	x
86.00	87.00	1.00	442185	0.082	Sericitic alteration	4%	x
87.00	88.00	1.00	442186	0.118	Sericitic alteration	3%	x
88.00	89.00	1.00	442187	0.342	Silicified	3%	x
89.00	90.00	1.00	442188	0.384	Silicified	3%	x
90.00	91.00	1.00	442189	0.314	Silicified	4%	x
91.00	92.00	1.00	442191	0.516	Silicified	7%	x
92.00	93.00	1.00	442192	0.181	Silicified	3%	x
93.00	94.00	1.00	442193	0.186	Silicified	4%	x
94.00	95.00	1.00	442194	0.502	Silicified	4%	x
95.00	96.00	1.00	442195	0.247	Silicified	5%	x
96.00	97.00	1.00	442197	0.110	Silicified	3%	x
97.00	98.00	1.00	442198	0.222	Silicified	3%	x
98.00	99.00	1.00	442199	0.710	Silicified	4%	x

99.00	100.00	1.00	442200	0.459	Silicified	5%	x
100.00	101.00	1.00	442201	0.106	Silicified	5%	x
101.00	102.00	1.00	442202	0.493	Silicified	4%	x
102.00	103.00	1.00	442203	0.961	Sericitic alteration	7%	x
103.00	104.00	1.00	442204	1.744	Silicified	18%	x small dyke in sample
104.00	105.00	1.00	442205	0.232	Silicified	12%	x small dyke in sample
105.00	106.00	1.00	442206	0.379	Silicified	6%	x
106.00	107.00	1.00	442207	0.387	Silicified	4%	x
107.00	108.00	1.00	442208	0.283	Silicified	2%	x
108.00	109.00	1.00	442209	0.493	Silicified	3%	x
109.00	110.00	1.00	442211	0.380	Sericitic alteration	6%	x
110.00	111.00	1.00	442213	0.851	Silicified	4%	x

From	To	Lithologic Group					
111.00	113.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
111.00	112.00	1.00	442214	0.840	Silicified	4%	x
112.00	113.00	1.00	442215	0.943	Sericitic alteration	4%	x

From	To	Lithologic Group					
113.00	140.95	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
113.00	114.00	1.00	442216	0.501	Silicified	4%	x
114.00	115.00	1.00	442217	0.198	Silicified	3%	x
115.00	116.00	1.00	442218	0.490	Silicified	5%	x
116.00	117.00	1.00	442219	0.187	Sericitic alteration	4%	x
117.00	118.00	1.00	442220	0.267	Silicified	4%	x
118.00	119.00	1.00	442221	0.212	Silicified	3%	x
119.00	120.00	1.00	442222	0.085	Silicified	2%	x
120.00	121.00	1.00	442223	0.120	Silicified	2%	x
121.00	122.00	1.00	442225	0.166	Silicified	1%	x
122.00	123.00	1.00	442226	0.307	Silicified	1%	x
123.00	124.00	1.00	442227	2.042	Silicified	2%	x
124.00	125.00	1.00	442228	0.397	Silicified	3%	x
125.00	126.00	1.00	442229	0.269	Silicified	3%	x
126.00	127.00	1.00	442231	0.076	Silicified	3%	x
127.00	128.00	1.00	442232	0.026	Silicified	2%	x
128.00	129.00	1.00	442233	0.011	Silicified	3%	x
129.00	130.00	1.00	442234	0.044	Silicified	2%	x
130.00	131.00	1.00	442235	0.304	Silicified	2%	x
131.00	132.00	1.00	442237	0.026	Silicified	2%	x
132.00	133.00	1.00	442238	0.031	Silicified	2%	x
133.00	134.00	1.00	442239	0.265	Silicified	2%	x
134.00	135.00	1.00	442240	0.108	Silicified	2%	x

135.00	136.00	1.00	442241	0.093	Silicified	2%	x
136.00	137.00	1.00	442242	0.020	Silicified	4%	x
137.00	138.00	1.00	442243	0.023	Silicified	3%	x
138.00	139.00	1.00	442244	0.067	Silicified	2%	x
139.00	140.00	1.00	442245	0.126	Silicified	1%	x
140.00	140.95	0.95	442246	0.011	Silicified	2%	x

From	To	Lithologic Group					
140.95	141.65	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
140.95	141.65	0.70	442247	0.019	Chloritic alteration	20%	x

From	To	Lithologic Group					
141.65	169.05	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
141.65	143.50	1.85	442249	0.037	Silicified	14%	x
143.50	145.00	1.50	442251	0.138	Silicified	2%	x
145.00	146.00	1.00	442252	0.077	Silicified	2%	x
146.00	147.00	1.00	442253	0.399	Silicified	2%	x
147.00	148.00	1.00	442254	0.152	Silicified	2%	x
148.00	149.00	1.00	442255	0.037	Silicified	2%	x
149.00	150.00	1.00	442256	0.413	Silicified	4%	x
150.00	151.00	1.00	442257	0.031	Silicified	3%	x
151.00	152.00	1.00	442258	0.007	Silicified	2%	x
152.00	153.00	1.00	442259	0.016	Silicified	7%	x
153.00	154.00	1.00	442261	0.021	Silicified	2%	x
154.00	155.00	1.00	442262	0.181	Silicified	2%	x
155.00	156.00	1.00	442263	0.096	Silicified	2%	x
156.00	157.00	1.00	442264	0.387	Silicified	3%	x
157.00	158.00	1.00	442265	0.440	Silicified	4%	x
158.00	159.00	1.00	442266	0.076	Silicified	4%	x
159.00	160.00	1.00	442267	0.100	Silicified	2%	x
160.00	161.00	1.00	442268	0.008	Silicified	2%	x
161.00	162.00	1.00	442269	0.183	Silicified	2%	x
162.00	163.00	1.00	442271	0.962	Silicified	2%	x
163.00	164.00	1.00	442273	0.252	Silicified	2%	x
164.00	165.00	1.00	442274	0.080	Silicified	2%	x
165.00	166.00	1.00	442275	0.204	Silicified	2%	x
166.00	167.00	1.00	442276	0.012	Silicified	2%	x
167.00	168.00	1.00	442277	0.434	Silicified	2%	x
168.00	169.05	1.05	442278	0.108	Silicified	2%	x

From	To	Lithologic Group					
169.05	171.00	Diabase					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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169.05	170.00	0.95	442279	0.005	Unaltered	0%
170.00	171.00	1.00	442280	0.005	Unaltered	0%

From	To	Lithologic Group				
171.00	205.05	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
171.00	172.00	1.00	442281	1.222	Silicified	2%	x
172.00	173.00	1.00	442282	0.084	Silicified	1%	x
173.00	174.00	1.00	442283	0.090	Silicified	2%	x
174.00	175.00	1.00	442285	0.301	Silicified	2%	x
175.00	176.00	1.00	442286	0.178	Silicified	8%	x
176.00	177.00	1.00	442287	0.257	Silicified	2%	x
177.00	178.00	1.00	442288	0.044	Silicified	2%	x
178.00	179.00	1.00	442289	0.041	Silicified	2%	x
179.00	180.00	1.00	442291	0.197	Silicified	2%	x
180.00	181.00	1.00	442292	0.681	Silicified	2%	x
181.00	182.00	1.00	442293	0.849	Silicified	2%	x
182.00	183.00	1.00	442294	0.193	Silicified	1%	x
183.00	184.00	1.00	442295	0.477	Silicified	1%	x
184.00	185.00	1.00	442297	1.825	Silicified	2%	x
185.00	186.00	1.00	442298	0.958	Silicified	2%	x
186.00	187.00	1.00	442299	3.760	Silicified	3%	x
187.00	188.00	1.00	442300	0.362	Silicified	4%	x
188.00	189.00	1.00	442301	0.955	Silicified	2%	x
189.00	190.00	1.00	442302	0.809	Silicified	4%	x
190.00	191.00	1.00	442303	0.428	Silicified	2%	x
191.00	192.00	1.00	442304	2.818	Silicified	2%	x
192.00	193.00	1.00	442305	0.755	Silicified	6%	x
193.00	194.00	1.00	442306	0.703	Silicified	2%	x
194.00	195.00	1.00	442307	0.258	Silicified	2%	x
195.00	196.00	1.00	442308	0.309	Silicified	2%	x
196.00	197.00	1.00	442309	11.100	Silicified	2%	x
197.00	198.00	1.00	442311	0.824	Silicified	3%	x
198.00	199.00	1.00	442313	1.250	Silicified	2%	x
199.00	200.00	1.00	442314	1.900	Silicified	2%	x
200.00	201.00	1.00	442315	4.120	Silicified	4%	x
201.00	202.00	1.00	442316	0.268	Silicified	2%	x
202.00	203.00	1.00	442317	0.377	Silicified	2%	x
203.00	204.00	1.00	442318	0.951	Silicified	4%	x
204.00	205.05	1.05	442319	1.520	Silicified	6%	x

From	To	Lithologic Group				
205.05	207.30	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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205.05	206.00	0.95	442320	1.041	Chloritic alteration	12%	x
206.00	207.30	1.30	442321	2.880	Chloritic alteration	15%	x

From	To	Lithologic Group					
207.30	243.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
207.30	208.00	0.70	442322	0.816	Silicified	4%	x
208.00	209.00	1.00	442323	0.993	Silicified	3%	x
209.00	210.00	1.00	442325	1.085	Silicified	4%	x
210.00	211.00	1.00	442326	0.684	Silicified	2%	x
211.00	212.00	1.00	442327	2.229	Silicified	6%	x
212.00	213.00	1.00	442328	0.962	Silicified	3%	x HDBx?
213.00	214.00	1.00	442329	0.700	Silicified	6%	x HDBx?
214.00	215.00	1.00	442331	0.219	Silicified	2%	x
215.00	216.00	1.00	442332	0.505	Silicified	3%	x
216.00	217.00	1.00	442333	0.174	Silicified	2%	x
217.00	218.00	1.00	442334	1.346	Silicified	2%	x
218.00	219.00	1.00	442335	1.274	Silicified	2%	x
219.00	220.00	1.00	442337	0.375	Silicified	6%	x
220.00	221.00	1.00	442338	0.477	Silicified	12%	x
221.00	222.00	1.00	442339	0.481	Silicified	5%	x
222.00	223.00	1.00	442340	17.200	Silicified	8%	x
223.00	224.00	1.00	442341	2.990	Silicified	5%	x
224.00	225.00	1.00	442342	0.675	Silicified	3%	x
225.00	226.00	1.00	442343	0.748	Silicified	2%	x
226.00	227.00	1.00	442344	2.947	Silicified	1%	x
227.00	228.00	1.00	442345	0.759	Silicified	3%	x
228.00	229.00	1.00	442346	2.789	Silicified	3%	x
229.00	230.00	1.00	442347	0.613	Silicified	1%	x
230.00	231.00	1.00	442349	0.411	Silicified	5%	x
231.00	232.00	1.00	442351	0.413	Silicified	2%	x
232.00	233.00	1.00	442352	0.470	Silicified	4%	x
233.00	234.00	1.00	442353	0.316	Silicified	2%	x
234.00	235.00	1.00	442354	1.023	Silicified	3%	x
235.00	236.00	1.00	442355	0.585	Silicified	3%	x
236.00	237.00	1.00	442356	0.150	Silicified	2%	x
237.00	238.00	1.00	442357	0.260	Silicified	3%	x
238.00	239.00	1.00	442358	0.429	Silicified	5%	x
239.00	240.00	1.00	442359	0.269	Silicified	3%	x
240.00	241.00	1.00	442361	0.393	Silicified	2%	x
241.00	242.00	1.00	442362	0.412	Silicified	4%	x
242.00	243.00	1.00	442363	0.259	Silicified	3%	x

From	To	Lithologic Group					
243.00	244.20	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
243.00	244.20	1.20	442364	0.944	Chloritic alteration	4%	x 30 cm big HD patches
From	To	Lithologic Group					
244.20	245.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
244.20	245.00	0.80	442365	0.280	Sericitic alteration	2%	x
From	To	Lithologic Group					
245.00	249.00	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
245.00	246.00	1.00	442366	0.005	Unaltered	2%	x
246.00	247.00	1.00	442367	0.006	Unaltered	2%	x
247.00	248.00	1.00	442368	0.009	Unaltered	2%	x
248.00	249.00	1.00	442369	0.120	Unaltered	2%	x
From	To	Lithologic Group					
249.00	268.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
249.00	250.00	1.00	442371	0.265	Silicified	1%	x
250.00	251.00	1.00	442373	0.190	Silicified	1%	x
251.00	252.00	1.00	442374	0.029	Silicified	2%	x
252.00	253.00	1.00	442375	0.093	Silicified	1%	x
253.00	254.00	1.00	442376	0.334	Silicified	4%	x
254.00	255.00	1.00	442377	0.231	Silicified	2%	x
255.00	256.00	1.00	442378	0.270	Silicified	2%	x
256.00	257.00	1.00	442379	0.197	Silicified	2%	x
257.00	258.00	1.00	442380	8.760	Silicified	3%	x
258.00	259.00	1.00	442381	0.554	Silicified	12%	x
259.00	260.00	1.00	442382	0.122	Silicified	3%	x
260.00	261.00	1.00	442383	0.308	Silicified	4%	x
261.00	262.00	1.00	442385	0.545	Silicified	3%	x
262.00	263.00	1.00	442386	0.131	Silicified	2%	x
263.00	264.00	1.00	442387	0.616	Silicified	4%	x
264.00	265.00	1.00	442388	0.222	Silicified	5%	x
265.00	266.00	1.00	442389	0.669	Silicified	5%	x
266.00	267.00	1.00	442391	0.372	Silicified	7%	x
267.00	268.00	1.00	442392	0.171	Silicified	3%	x
From	To	Lithologic Group					
268.00	274.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
268.00	269.00	1.00	442393	0.257	Silicified	3%	x
269.00	270.00	1.00	442394	1.231	Sericitic alteration	15%	x

270.00	271.00	1.00	442395	2.251	Sericitic alteration	4%	x
271.00	272.00	1.00	442397	0.319	Sericitic alteration	4%	x
272.00	273.00	1.00	442398	0.267	Sericitic alteration	4%	x
273.00	274.00	1.00	442399	0.059	Silicified	3%	x

From	To	Lithologic Group					
274.00	278.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
274.00	275.00	1.00	442400	0.145	Silicified	2%	x
275.00	276.00	1.00	442401	0.523	Silicified	3%	x
276.00	277.00	1.00	442402	0.600	Silicified	3%	x
277.00	278.00	1.00	442403	0.801	Silicified	4%	x

From	To	Lithologic Group					
278.00	279.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
278.00	279.00	1.00	442404	0.302	Silicified	8%	x

From	To	Lithologic Group					
279.00	325.75	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
279.00	280.00	1.00	442405	0.213	Silicified	2%	x
280.00	281.00	1.00	442406	0.953	Silicified	2%	x
281.00	282.00	1.00	442407	0.048	Silicified	1%	x
282.00	283.00	1.00	442408	0.291	Silicified	2%	x
283.00	284.00	1.00	442409	0.169	Silicified	4%	x
284.00	285.00	1.00	442411	101.000	Sericitic alteration	6%	x VG
285.00	286.00	1.00	442414	0.594	Sericitic alteration	3%	x
286.00	287.00	1.00	442415	0.079	Sericitic alteration	4%	x
287.00	288.00	1.00	442416	2.797	Silicified	5%	x
288.00	289.00	1.00	442417	0.601	Silicified	3%	x
289.00	290.00	1.00	442418	0.900	Silicified	2%	x
290.00	291.00	1.00	442419	0.589	Silicified	3%	x
291.00	292.00	1.00	442420	0.363	Silicified	3%	x
292.00	293.00	1.00	442421	0.415	Silicified	2%	x
293.00	294.00	1.00	442422	0.288	Silicified	1%	x
294.00	295.00	1.00	442423	2.380	Silicified	3%	x
295.00	296.00	1.00	442425	0.289	Silicified	1%	x
296.00	297.00	1.00	442426	0.700	Silicified	3%	x
297.00	298.00	1.00	442427	1.099	Silicified	3%	x
298.00	299.00	1.00	442428	0.275	Silicified	3%	x
299.00	300.00	1.00	442429	0.926	Silicified	2%	x
300.00	301.00	1.00	442431	0.282	Silicified	3%	x
301.00	302.00	1.00	442432	0.284	Silicified	2%	x
302.00	303.00	1.00	442433	0.461	Silicified	1%	x

303.00	304.00	1.00	442434	0.900	Silicified	3%	x
304.00	305.00	1.00	442435	0.371	Silicified	2%	x
305.00	306.00	1.00	442437	0.487	Silicified	2%	x
306.00	307.00	1.00	442438	0.227	Silicified	2%	x
307.00	308.00	1.00	442439	0.051	Silicified	1%	x
308.00	309.00	1.00	442440	0.143	Silicified	2%	x
309.00	310.00	1.00	442441	0.927	Silicified	1%	x
310.00	311.00	1.00	442442	3.650	Silicified	6%	x
311.00	312.00	1.00	442443	0.339	Silicified	2%	x
312.00	313.00	1.00	442444	1.021	Silicified	4%	x
313.00	314.00	1.00	442445	0.588	Silicified	5%	x
314.00	315.00	1.00	442446	0.590	Silicified	2%	x
315.00	316.00	1.00	442447	1.187	Silicified	2%	x
316.00	317.00	1.00	442449	0.084	Silicified	1%	x
317.00	318.00	1.00	441051	0.488	Silicified	2%	x seq change
318.00	319.00	1.00	441052	0.255	Silicified	2%	x
319.00	320.00	1.00	441053	0.228	Silicified	2%	x
320.00	321.00	1.00	441054	0.514	Silicified	5%	x
321.00	322.00	1.00	441055	197.000	Silicified	5%	x
322.00	323.00	1.00	441056	0.217	Silicified	1%	x
323.00	324.00	1.00	441057	0.191	Silicified	1%	x
324.00	325.00	1.00	441058	2.001	Silicified	2%	x
325.00	325.75	0.75	441059	0.271	Silicified	6%	x

From	To	Lithologic Group					
325.75	326.80	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
325.75	326.80	1.05	441061	0.023	Chloritic alteration	6%	x

From	To	Lithologic Group					
326.80	370.90	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
326.80	328.00	1.20	441062	0.229	Silicified	16%	x
328.00	329.00	1.00	441063	0.274	Silicified	4%	x
329.00	330.00	1.00	441064	0.053	Silicified	1%	x
330.00	331.00	1.00	441065	0.645	Silicified	2%	x
331.00	332.00	1.00	441066	3.830	Silicified	2%	x
332.00	333.00	1.00	441067	0.215	Silicified	5%	x
333.00	334.00	1.00	441068	0.286	Silicified	3%	x
334.00	335.00	1.00	441069	1.234	Silicified	2%	x
335.00	336.00	1.00	441071	0.230	Silicified	1%	x
336.00	337.00	1.00	441073	0.193	Silicified	2%	x
337.00	338.00	1.00	441074	0.100	Silicified	2%	x
338.00	339.00	1.00	441075	0.548	Silicified	3%	x

339.00	340.00	1.00	441076	0.075	Sericitic alteration	2%	x
340.00	341.00	1.00	441077	1.391	Sericitic alteration	12%	x
341.00	342.00	1.00	441078	0.894	Sericitic alteration	10%	x
342.00	343.00	1.00	441079	0.698	Sericitic alteration	10%	x
343.00	344.00	1.00	441080	0.126	Sericitic alteration	3%	x
344.00	345.00	1.00	441081	0.156	Sericitic alteration	6%	x
345.00	346.00	1.00	441082	0.324	Sericitic alteration	4%	x
346.00	347.00	1.00	441083	0.349	Sericitic alteration	3%	x
347.00	348.00	1.00	441085	4.290	Sericitic alteration	3%	x
348.00	349.00	1.00	441086	0.637	Sericitic alteration	2%	x
349.00	350.00	1.00	441087	1.552	Silicified	3%	x
350.00	351.00	1.00	441088	0.271	Silicified	4%	x
351.00	352.00	1.00	441089	0.209	Silicified	3%	x
352.00	353.00	1.00	441091	0.910	Silicified	2%	x
353.00	354.00	1.00	441092	2.307	Silicified	7%	x
354.00	355.00	1.00	441093	0.491	Silicified	3%	x
355.00	356.00	1.00	441094	1.357	Silicified	6%	x
356.00	357.00	1.00	441095	1.541	Silicified	6%	x
357.00	358.00	1.00	441097	1.780	Silicified	3%	x
358.00	359.00	1.00	441098	2.620	Silicified	2%	x
359.00	360.00	1.00	441099	0.766	Silicified	4%	x
360.00	361.00	1.00	441100	3.860	Silicified	2%	x
361.00	362.00	1.00	441101	0.419	Silicified	3%	x
362.00	363.00	1.00	441102	0.267	Silicified	5%	x
363.00	364.00	1.00	441103	0.495	Silicified	4%	x
364.00	365.00	1.00	441104	2.892	Silicified	2%	x
365.00	366.00	1.00	441105	3.070	Silicified	4%	x
366.00	367.00	1.00	441106	0.198	Silicified	2%	x
367.00	368.00	1.00	441107	0.679	Silicified	2%	x
368.00	369.00	1.00	441108	0.689	Silicified	4%	x
369.00	370.00	1.00	441109	0.366	Silicified	5%	x
370.00	370.90	0.90	441111	0.494	Silicified	3%	x

From	To	Lithologic Group					
370.90	371.90	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
370.90	371.90	1.00	441113	3.190	Chloritic alteration	30%	x

From	To	Lithologic Group					
371.90	417.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
371.90	373.00	1.10	441114	6.500	Sericitic alteration	10%	x
373.00	374.00	1.00	441115	1.741	Sericitic alteration	5%	x
374.00	375.00	1.00	441116	0.827	Sericitic alteration	3%	x

375.00	376.00	1.00	441117	2.684	Sericitic alteration	3%	x
376.00	377.00	1.00	441118	4.650	Sericitic alteration	2%	x
377.00	378.00	1.00	441119	0.746	Sericitic alteration	3%	x
378.00	379.00	1.00	441120	1.665	Sericitic alteration	2%	x
379.00	380.00	1.00	441122	0.796	Sericitic alteration	4%	x
380.00	381.00	1.00	441123	0.150	Silicified	2%	x
381.00	382.00	1.00	441125	1.280	Silicified	2%	x
382.00	383.00	1.00	441126	0.065	Silicified	2%	x
383.00	384.00	1.00	441127	0.165	Silicified	2%	x
384.00	385.00	1.00	441128	0.037	Silicified	2%	x
385.00	386.00	1.00	441129	0.260	Silicified	2%	x
386.00	387.00	1.00	441131	0.219	Silicified	1%	x
387.00	388.00	1.00	441132	0.326	Silicified	2%	x
388.00	389.00	1.00	441133	0.098	Silicified	2%	x
389.00	390.00	1.00	441134	0.122	Silicified	2%	x
390.00	391.00	1.00	441135	0.088	Silicified	2%	x
391.00	392.00	1.00	441137	0.051	Silicified	4%	x
392.00	393.00	1.00	441138	0.045	Silicified	2%	x
393.00	394.00	1.00	441139	0.138	Silicified	2%	x
394.00	395.00	1.00	441140	0.848	Sericitic alteration	6%	x
395.00	396.00	1.00	441141	0.891	Sericitic alteration	4%	x
396.00	397.00	1.00	441144	0.158	Sericitic alteration	3%	x
397.00	398.00	1.00	441145	0.390	Sericitic alteration	2%	x
398.00	399.00	1.00	441146	0.056	Sericitic alteration	1%	x
399.00	400.00	1.00	441147	0.893	Silicified	2%	x
400.00	401.00	1.00	441149	2.637	Silicified	3%	x
401.00	402.00	1.00	441151	0.432	Silicified	3%	x
402.00	403.00	1.00	441152	0.085	Silicified	2%	x
403.00	404.00	1.00	441153	0.294	Silicified	3%	x
404.00	405.00	1.00	441154	0.264	Silicified	7%	x
405.00	406.00	1.00	441155	0.417	Silicified	3%	x
406.00	407.00	1.00	441156	0.204	Silicified	10%	x
407.00	408.00	1.00	441157	0.551	Silicified	8%	x
408.00	409.00	1.00	441158	0.247	Silicified	3%	x
409.00	410.00	1.00	441159	0.506	Silicified	4%	x
410.00	411.00	1.00	441161	0.354	Silicified	2%	x
411.00	412.00	1.00	441162	0.163	Silicified	2%	x
412.00	413.00	1.00	441163	0.099	Silicified	2%	x
413.00	414.00	1.00	441164	0.197	Silicified	2%	x
414.00	415.00	1.00	441165	0.013	Silicified	2%	x
415.00	416.00	1.00	441166	0.027	Silicified	3%	x
416.00	417.00	1.00	441167	0.044	Silicified	5%	x

DRILL HOLE REPORT

Drill Hole **GOS21-99** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 333.0
 Dip -53.0
 Length 438.0 m
 Started 21-Aug-21
 Completed 12-Sep-21
 Logged 14-Sep-21
 Logged by Justin Bisailon

Company
 Contractor Chenier Drilling
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Capped

Survey Details:

Claim Number PAT-11121
 Property Chester
 Township
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool GPS

Coordinates:

Target Easting 430888.13
 Comments UTM Datum NAD83 Northing 5267552.81
 UTM Zone 17 Elevation 381.78

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
9.0	333.40	-51.70		RM	Good	39.0	333.90	-51.60		RM	Good
12.0	333.30	-51.80		RM	Good	42.0	334.20	-51.60		RM	Good
15.0	333.40	-51.70		RM	Good	45.0	334.30	-51.60		RM	Good
18.0	333.20	-51.70		RM	Good	51.0	334.70	-51.60		RM	Good
21.0	332.60	-51.70		RM	Good	54.0	335.00	-51.70		RM	Good
24.0	333.00	-51.60		RM	Good	57.0	335.00	-51.70		RM	Good
27.0	333.90	-51.70		RM	Good	60.0	335.10	-51.60		RM	Good
30.0	332.40	-51.60		RM	Good	63.0	335.40	-51.50		RM	Good
33.0	333.80	-51.60		RM	Good	66.0	335.50	-51.50		RM	Good
36.0	333.70	-51.50		RM	Good	72.0	335.90	-51.30		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
75.0	335.90	-51.30		RM	Good
78.0	335.90	-51.30		RM	Good
81.0	336.00	-51.30		RM	Good
84.0	336.20	-51.30		RM	Good
87.0	336.30	-51.40		RM	Good
90.0	336.50	-51.40		RM	Good
93.0	336.60	-51.40		RM	Good
96.0	336.80	-51.40		RM	Good
99.0	336.90	-51.40		RM	Good
102.0	337.10	-51.40		RM	Good
105.0	337.30	-51.40		RM	Good
108.0	337.40	-51.40		RM	Good
111.0	337.60	-51.40		RM	Good
114.0	337.90	-51.30		RM	Good
117.0	338.10	-51.30		RM	Good
120.0	338.60	-51.30		RM	Good
129.0	338.70	-51.30		RM	Good
132.0	338.40	-51.30		RM	Good
135.0	338.40	-51.30		RM	Good
138.0	338.40	-51.40		RM	Good
141.0	338.40	-51.40		RM	Good
144.0	338.50	-51.40		RM	Good
147.0	338.40	-51.30		RM	Good
150.0	338.70	-51.30		RM	Good
153.0	338.70	-51.30		RM	Good
156.0	338.70	-51.30		RM	Good
159.0	338.80	-51.30		RM	Good
162.0	338.80	-51.30		RM	Good
165.0	338.80	-51.30		RM	Good
168.0	338.80	-51.30		RM	Good
171.0	338.90	-51.20		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
174.0	338.90	-51.20		RM	Good
177.0	339.20	-51.10		RM	Good
180.0	339.30	-51.00		RM	Good
183.0	339.20	-51.10		RM	Good
186.0	339.40	-51.00		RM	Good
189.0	339.60	-50.90		RM	Good
192.0	339.90	-50.80		RM	Good
195.0	339.00	-50.70		RM	Good
198.0	339.50	-50.70		RM	Good
201.0	339.90	-50.80		RM	Good
204.0	340.20	-50.80		RM	Good
207.0	340.30	-50.60		RM	Good
210.0	340.80	-50.50		RM	Good
213.0	339.90	-50.30		RM	Good
216.0	340.60	-50.20		RM	Good
219.0	340.70	-50.10		RM	Good
222.0	341.00	-50.10		RM	Good
225.0	341.10	-49.90		RM	Good
228.0	341.20	-49.70		RM	Good
231.0	341.30	-49.60		RM	Good
234.0	341.30	-49.60		RM	Good
237.0	341.50	-49.40		RM	Good
240.0	341.70	-49.30		RM	Good
243.0	341.80	-49.20		RM	Good
249.0	342.20	-49.00		RM	Good
252.0	342.20	-49.00		RM	Good
255.0	342.30	-48.80		RM	Good
258.0	342.30	-48.70		RM	Good
261.0	342.40	-48.60		RM	Good
264.0	342.30	-48.50		RM	Good
267.0	342.30	-48.30		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
270.0	342.30	-48.20		RM	Good
273.0	342.20	-48.90		RM	Good
276.0	342.30	-48.10		RM	Good
279.0	342.40	-47.90		RM	Good
282.0	342.60	-47.90		RM	Good
285.0	342.80	-47.80		RM	Good
288.0	342.90	-47.80		RM	Good
291.0	342.90	-47.70		RM	Good
294.0	343.00	-47.60		RM	Good
297.0	342.90	-47.50		RM	Good
300.0	343.20	-47.40		RM	Good
303.0	343.20	-47.30		RM	Good
306.0	343.20	-47.20		RM	Good
309.0	343.20	-47.00		RM	Good
312.0	343.20	-46.90		RM	Good
315.0	343.20	-46.80		RM	Good
318.0	343.20	-46.70		RM	Good
321.0	343.10	-46.50		RM	Good
324.0	343.30	-46.50		RM	Good
327.0	343.30	-46.30		RM	Good
330.0	343.50	-46.20		RM	Good
333.0	343.70	-46.10		RM	Good
336.0	344.00	-45.80		RM	Good
339.0	344.00	-45.70		RM	Good
342.0	344.10	-45.60		RM	Good
345.0	344.20	-45.50		RM	Good
348.0	344.20	-45.40		RM	Good
351.0	344.20	-45.20		RM	Good
354.0	344.00	-45.00		RM	Good
357.0	344.10	-45.00		RM	Good
360.0	344.20	-45.00		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
363.0	344.20	-44.90		RM	Good
366.0	344.30	-44.80		RM	Good
369.0	344.40	-44.60		RM	Good
372.0	344.50	-44.50		RM	Good
375.0	344.60	-44.40		RM	Good
378.0	344.70	-44.30		RM	Good
381.0	344.70	-44.20		RM	Good
384.0	344.70	-44.10		RM	Good
387.0	344.90	-43.90		RM	Good
390.0	345.10	-43.80		RM	Good
393.0	345.30	-43.70		RM	Good
396.0	345.40	-43.50		RM	Good
399.0	345.60	-43.30		RM	Good
402.0	345.60	-43.10		RM	Good
405.0	345.90	-43.00		RM	Good
408.0	346.00	-42.90		RM	Good
411.0	346.10	-42.80		RM	Good
414.0	346.20	-42.70		RM	Good
417.0	346.10	-42.60		RM	Good
420.0	346.10	-42.40		RM	Good
423.0	346.20	-42.30		RM	Good
426.0	346.40	-42.10		RM	Good
429.0	346.40	-42.00		RM	Good
432.0	346.40	-41.90		RM	Good
435.0	346.50	-41.80		RM	Good
438.0	346.60	-41.60		RM	Good

From	To	Lithologic Group					
0.00	3.49	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	3.49	3.49			Unaltered	0%	OVB
From	To	Lithologic Group					
3.49	22.50	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
3.49	4.97	1.48	449325	0.166	Sericitic alteration	1%	medium grained, massive, equigranular, light grey
4.97	6.00	1.03	449326	0.129	Sericitic alteration	18%	
6.00	7.00	1.00	449327	0.353	Sericitic alteration	4%	
7.00	8.00	1.00	449328	0.633	Sericitic alteration	3%	
8.00	9.00	1.00	449329	0.178	Sericitic alteration	3%	
9.00	10.00	1.00	449331	0.047	Sericitic alteration	4%	
10.00	11.00	1.00	449332	0.048	Sericitic alteration	2%	
11.00	12.00	1.00	449333	0.046	Sericitic alteration	3%	
12.00	13.00	1.00	449334	0.044	Sericitic alteration	6%	
13.00	14.00	1.00	449335	0.077	Sericitic alteration	1%	
14.00	15.00	1.00	449337	0.220	Sericitic alteration	3%	
15.00	15.98	0.98	449338	0.222	Sericitic alteration	4%	
15.98	16.98	1.00	449339	0.299	Sericitic alteration	3%	
16.98	18.00	1.02	449340	0.133	Sericitic alteration	1%	
18.00	19.14	1.14	449341	0.148	Sericitic alteration	4%	
19.14	20.02	0.88	449342	0.332	Sericitic alteration	5%	
20.02	21.00	0.98	449343	0.111	Sericitic alteration	2%	
21.00	22.50	1.50	449344	0.153	Sericitic alteration	6%	blocky
From	To	Lithologic Group					
22.50	25.83	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
22.50	23.00	0.50	449345	0.005	Biotitic alteration	5%	very blocky
23.00	24.50	1.50	449346	0.005	Biotitic alteration	1%	very blocky
24.50	25.83	1.33	449347	0.005	Biotitic alteration	1%	47 cm void
From	To	Lithologic Group					
25.83	56.45	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
25.83	27.00	1.17	449349	0.239	Sericitic alteration	5%	medium grained, massive, equigranular, medium pinkish grey
27.00	27.99	0.99	449351	0.055	Silicified	2%	light grey

27.99	29.00	1.01	449352	0.045	Silicified	2%	
29.00	30.00	1.00	449353	0.070	Silicified	2%	
30.00	31.00	1.00	449354	0.223	Silicified	3%	
31.00	32.00	1.00	449355	0.173	Silicified	2%	
32.00	33.00	1.00	449356	0.077	Sericitic alteration	3%	
33.00	33.98	0.98	449357	0.107	Silicified	1%	
33.98	34.95	0.97	449358	0.288	Sericitic alteration	1%	
34.95	36.00	1.05	449359	0.412	Sericitic alteration	8%	
36.00	37.03	1.03	449361	0.238	Sericitic alteration	2%	
37.03	38.00	0.97	449362	0.402	Sericitic alteration	7%	
38.00	39.00	1.00	449363	0.173	Sericitic alteration	2%	
39.00	40.00	1.00	449364	0.061	Sericitic alteration	8%	
40.00	41.08	1.08	449365	0.028	Sericitic alteration	1%	
41.08	42.00	0.92	449366	0.053	Silicified	5%	
42.00	43.00	1.00	449367	0.077	Silicified	2%	
43.00	44.00	1.00	449368	0.173	Silicified	2%	
44.00	45.00	1.00	449369	0.311	Sericitic alteration	1%	
45.00	46.06	1.06	449371	0.665	Sericitic alteration	2%	
46.06	47.00	0.94	449373	0.643	Sericitic alteration	3%	
47.00	48.00	1.00	449374	0.112	Sericitic alteration	3%	
48.00	49.02	1.02	449375	0.200	Sericitic alteration	5%	
49.02	50.00	0.98	449376	0.217	Sericitic alteration	2%	
50.00	51.00	1.00	449377	0.105	Sericitic alteration	7%	
51.00	52.00	1.00	449378	0.347	Sericitic alteration	5%	
52.00	53.00	1.00	449379	0.125	Sericitic alteration	2%	
53.00	54.29	1.29	449380	0.173	Sericitic alteration	5%	
54.29	55.00	0.71	449381	0.042	Sericitic alteration	4%	
55.00	56.00	1.00	449382	0.071	Sericitic alteration	2%	
56.00	56.45	0.45	449383	0.036	Sericitic alteration	1%	Justin stopped logging

From	To	Lithologic Group					
56.45	57.00	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
56.45	57.00	0.55	449385	0.015	Chloritic alteration	10%	Caitlin started logging

From	To	Lithologic Group					
57.00	58.35	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
57.00	58.35	1.35	449386	0.096	Silicified	10%	

From	To	Lithologic Group					
58.35	59.60	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
58.35	59.60	1.25	449387	0.045	Chloritic alteration	7%	

From	To	Lithologic Group					
59.60	66.25	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
59.60	61.00	1.40	449388	0.699	Sericitic alteration	5%	
61.00	62.00	1.00	449389	0.067	Sericitic alteration	3%	
62.00	63.00	1.00	449391	0.074	Sericitic alteration	2%	
63.00	64.20	1.20	449392	0.079	Sericitic alteration	5%	
64.20	65.00	0.80	449393	0.230	Sericitic alteration	3%	
65.00	66.25	1.25	449394	0.134	Sericitic alteration	3%	
From	To	Lithologic Group					
66.25	67.20	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
66.25	67.20	0.95	449395	0.009	Biotitic alteration	2%	50% rubble
From	To	Lithologic Group					
67.20	69.65	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
67.20	68.10	0.90	449397	0.434	Sericitic alteration	3%	50% rubble
68.10	69.00	0.90	449398	0.076	Sericitic alteration	3%	blocky
69.00	69.65	0.65	449399	0.022	Sericitic alteration	3%	
From	To	Lithologic Group					
69.65	70.50	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
69.65	70.50	0.85	449400	0.005	Biotitic alteration	1%	
From	To	Lithologic Group					
70.50	97.50	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
70.50	72.00	1.50	449401	0.045	Sericitic alteration	5%	sample includes 10% MafDk (subparallel TCA)
72.00	73.05	1.05	449402	1.178	Sericitic alteration	20%	
73.05	74.00	0.95	449403	0.055	Sericitic alteration	3%	
74.00	75.00	1.00	449404	0.268	Sericitic alteration	2%	
75.00	76.00	1.00	449405	0.090	Sericitic alteration	3%	
76.00	77.00	1.00	449406	0.116	Sericitic alteration	2%	
77.00	78.00	1.00	449407	0.185	Sericitic alteration	3%	
78.00	79.00	1.00	449408	0.032	Sericitic alteration	3%	
79.00	79.80	0.80	449409	0.104	Sericitic alteration	1%	
79.80	80.50	0.70	449411	0.083	Silicified	3%	
80.50	81.50	1.00	449413	0.087	Sericitic alteration	2%	
81.50	82.60	1.10	449414	2.348	Sericitic alteration	12%	
82.60	84.00	1.40	449415	0.274	Sericitic alteration	2%	
84.00	85.00	1.00	449416	0.071	Sericitic alteration	1%	
85.00	86.00	1.00	449417	0.027	Sericitic alteration	3%	

86.00	87.00	1.00	449418	0.031	Sericitic alteration	3%
87.00	88.00	1.00	449419	0.021	Silicified	3%
88.00	89.00	1.00	449420	0.024	Silicified	3%
89.00	90.00	1.00	449421	0.042	Sericitic alteration	5%
90.00	91.00	1.00	449422	0.241	Sericitic alteration	3%
91.00	92.00	1.00	449423	0.101	Silicified	2%
92.00	93.00	1.00	449425	0.106	Sericitic alteration	2%
93.00	94.00	1.00	449426	0.320	Sericitic alteration	3%
94.00	95.00	1.00	449427	0.166	Sericitic alteration	5%
95.00	96.00	1.00	449428	2.041	Sericitic alteration	5%
96.00	97.50	1.50	449429	0.100	Sericitic alteration	7%

From	To	Lithologic Group				
97.50	99.00	Quartz Diorite Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
97.50	99.00	1.50	449431	0.155	Sericitic alteration	5%	QDR with fragments of Ton; 40% matrix; QDR is dk brown, porphyritic in qtz, non magnetic

From	To	Lithologic Group				
99.00	100.85	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
99.00	100.00	1.00	449432	0.167	Sericitic alteration	3%	
100.00	100.85	0.85	449433	0.029	Silicified	3%	

From	To	Lithologic Group				
100.85	104.00	Quartz Diorite Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
100.85	102.00	1.15	449434	0.033	Silicified	5%	50% matrix
102.00	103.00	1.00	449435	0.302	Silicified	3%	50% matrix
103.00	104.00	1.00	449437	0.023	Silicified	10%	50% matrix

From	To	Lithologic Group				
104.00	106.00	Diorite Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
104.00	105.00	1.00	449438	0.054	Chloritic alteration	2%	DR with fragments of Ton; 70% matrix; DR is massive, fine grained, dk green, non magnetic
105.00	106.00	1.00	449439	0.162	Silicified	2%	30% matrix

From	To	Lithologic Group				
106.00	108.85	Quartz Diorite Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
106.00	107.00	1.00	449440	0.022	Silicified	5%	40% matrix
107.00	108.00	1.00	449441	0.035	Biotitic alteration	3%	75% matrix
108.00	108.85	0.85	449442	0.086	Silicified	2%	15% matrix

From	To	Lithologic Group					
108.85	120.50	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
108.85	109.90	1.05	449443	0.190	Sericitic alteration	11%	
109.90	111.00	1.10	449444	0.531	Silicified	3%	
111.00	112.00	1.00	449445	0.219	Silicified	5%	
112.00	113.00	1.00	449446	0.518	Silicified	2%	
113.00	114.00	1.00	449447	0.083	Silicified	2%	
114.00	115.00	1.00	449449	0.020	Silicified	3%	
115.00	116.00	1.00	449451	0.169	Sericitic alteration	3%	
116.00	117.00	1.00	449452	0.047	Sericitic alteration	3%	
117.00	118.00	1.00	449453	0.121	Sericitic alteration	1%	
118.00	119.00	1.00	449454	0.187	Sericitic alteration	3%	
119.00	120.50	1.50	449455	2.230	Sericitic alteration	13%	

From	To	Lithologic Group					
120.50	149.50	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
120.50	122.00	1.50	449456	0.025	Chloritic alteration	3%	dark green, fine to medium grained, massive (locally foliated), non magnetic
122.00	123.00	1.00	449457	0.015	Chloritic alteration	2%	
123.00	124.00	1.00	449458	0.005	Chloritic alteration	1%	
124.00	125.00	1.00	449459	0.005	Chloritic alteration	1%	
125.00	126.00	1.00	449461	0.007	Chloritic alteration	1%	
126.00	127.00	1.00	449462	0.008	Chloritic alteration	1%	
127.00	127.85	0.85	449463	0.057	Chloritic alteration	1%	
127.85	129.00	1.15	449464	14.600	Biotitic alteration	3%	weakly foliated
129.00	130.00	1.00	449465	0.033	Chloritic alteration	1%	
130.00	131.00	1.00	449466	0.032	Chloritic alteration	2%	
131.00	132.00	1.00	449467	0.017	Chloritic alteration	2%	
132.00	133.35	1.35	449468	0.008	Chloritic alteration	7%	
133.35	134.00	0.65	449469	0.006	Chloritic alteration	1%	
134.00	135.25	1.25	449471	0.369	Chloritic alteration	7%	
135.25	136.00	0.75	449473	0.699	Chloritic alteration	10%	foliated
136.00	137.00	1.00	449474	0.011	Chloritic alteration	3%	
137.00	138.00	1.00	449475	0.015	Chloritic alteration	1%	
138.00	139.00	1.00	449476	0.008	Chloritic alteration	2%	
139.00	140.00	1.00	449477	0.016	Chloritic alteration	2%	
140.00	141.00	1.00	449478	0.008	Chloritic alteration	2%	
141.00	142.00	1.00	449479	0.023	Chloritic alteration	7%	
142.00	143.00	1.00	449480	0.008	Chloritic alteration	3%	
143.00	144.00	1.00	449481	0.030	Chloritic alteration	1%	coarse grained leucodiorite
144.00	145.00	1.00	449482	0.011	Chloritic alteration	1%	

145.00	146.00	1.00	449483	0.054	Chloritic alteration	1%
146.00	147.00	1.00	449485	0.068	Chloritic alteration	3%
147.00	148.00	1.00	449486	0.018	Chloritic alteration	1%
148.00	149.50	1.50	449487	0.390	Chloritic alteration	5%

From	To	Lithologic Group				
149.50	150.35	Quartz diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
149.50	150.35	0.85	449488	0.197	Epidote alteration	1%	

From	To	Lithologic Group				
150.35	165.00	Diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
150.35	151.50	1.15	449489	0.006	Chloritic alteration	0%	
151.50	152.50	1.00	449491	0.005	Chloritic alteration	1%	
152.50	154.00	1.50	449492	0.014	Chloritic alteration	2%	
154.00	155.00	1.00	449493	0.014	Chloritic alteration	5%	
155.00	156.00	1.00	449494	0.017	Chloritic alteration	3%	
156.00	156.70	0.70	449495	0.021	Chloritic alteration	2%	
156.70	158.00	1.30	449497	0.025	Epidote alteration	3%	
158.00	159.00	1.00	449498	0.006	Epidote alteration	3%	
159.00	160.00	1.00	449499	0.019	Chloritic alteration	1%	
160.00	161.00	1.00	449500	0.014	Chloritic alteration	2%	
161.00	162.00	1.00	442501	0.044	Chloritic alteration	1%	
162.00	163.00	1.00	442502	0.028	Chloritic alteration	1%	
163.00	164.00	1.00	442503	0.123	Chloritic alteration	1%	
164.00	165.00	1.00	442504	0.209	Chloritic alteration	2%	

From	To	Lithologic Group				
165.00	175.55	Quartz diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
165.00	166.00	1.00	442505	0.090	Chloritic alteration	2%	
166.00	167.00	1.00	442506	0.051	Chloritic alteration	1%	
167.00	168.00	1.00	442507	0.082	Chloritic alteration	2%	
168.00	169.00	1.00	442508	0.205	Chloritic alteration	5%	
169.00	170.00	1.00	442509	0.069	Epidote alteration	3%	
170.00	171.00	1.00	442511	0.082	Chloritic alteration	1%	
171.00	172.00	1.00	442513	0.132	Chloritic alteration	1%	
172.00	173.00	1.00	442514	0.038	Chloritic alteration	1%	
173.00	174.00	1.00	442515	0.203	Chloritic alteration	1%	
174.00	175.00	1.00	442516	0.011	Chloritic alteration	2%	
175.00	175.55	0.55	442517	0.021	Chloritic alteration	1%	

From	To	Lithologic Group				
175.55	177.40	Tonalite Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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175.55	176.50	0.95	442518	0.013	Silicified	1%	Ton with cm scale rounded clasts of DR; 45% clasts
176.50	177.40	0.90	442519	0.147	Silicified	2%	Ton with cm scale rounded clasts of DR; 30% clasts

From	To	Lithologic Group					
177.40	185.30	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
177.40	178.00	0.60	442520	0.069	Silicified	1%	
178.00	179.00	1.00	442521	0.145	Silicified	2%	
179.00	180.00	1.00	442522	0.174	Silicified	2%	
180.00	181.00	1.00	442523	0.028	Silicified	1%	
181.00	182.00	1.00	442525	0.024	Silicified	2%	
182.00	183.00	1.00	442526	0.025	Silicified	2%	
183.00	184.00	1.00	442527	0.094	Silicified	5%	
184.00	185.30	1.30	442528	0.169	Silicified	1%	

From	To	Lithologic Group					
185.30	187.05	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
185.30	186.00	0.70	442529	0.009	Chloritic alteration	5%	faulted; gouge at upper contact
186.00	187.05	1.05	442531	0.006	Chloritic alteration	2%	

From	To	Lithologic Group					
187.05	195.66	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
187.05	188.00	0.95	442532	0.361	Silicified	2%	
188.00	189.00	1.00	442533	0.090	Silicified	5%	
189.00	190.00	1.00	442534	0.079	Silicified	2%	
190.00	191.00	1.00	442535	0.036	Silicified	2%	
191.00	192.00	1.00	442537	0.050	Silicified	3%	
192.00	193.00	1.00	442538	0.128	Sericitic alteration	6%	Justin started logging, medium grained, massive, equigranular, light grey
193.00	194.01	1.01	442539	0.088	Silicified	1%	
194.01	194.91	0.90	442540	0.050	Silicified	6%	
194.91	195.66	0.75	442541	0.071	Silicified	2%	

From	To	Lithologic Group					
195.66	198.00	Lamprophyre Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
195.66	197.03	1.37	442542	0.005	Biotitic alteration	3%	fine grained, foliated, equigranular, dark grey
197.03	198.00	0.97	442543	0.009	Biotitic alteration	1%	

From	To	Lithologic Group					
198.00	215.75	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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198.00	199.00	1.00	442544	0.027	Silicified	3%	medium grained, massive, equigranular, light pinkish grey	
199.00	200.00	1.00	442545	0.035	Silicified	5%		
200.00	201.00	1.00	442546	0.042	Silicified	2%		
201.00	202.00	1.00	442547	0.053	Silicified	1%		
202.00	203.00	1.00	442549	0.056	Silicified	3%		
203.00	204.00	1.00	442551	0.031	Silicified	3%		
204.00	205.00	1.00	442552	0.053	Silicified	2%		
205.00	206.00	1.00	442553	0.079	Silicified	3%		
206.00	207.00	1.00	442554	0.020	Silicified	4%		
207.00	207.98	0.98	442555	0.012	Silicified	2%		
207.98	208.83	0.85	442556	0.061	Silicified	3%		5% mafic dyke
208.83	210.09	1.26	442557	0.013	Silicified	10%		50% mafic dyke and 50% tonalite
210.09	210.97	0.88	442558	0.068	Silicified	3%		
210.97	211.50	0.53	442559	0.005	Silicified	1%		
211.50	212.00	0.50	442561	0.043	Silicified	3%		
212.00	213.00	1.00	442562	0.046	Silicified	3%		
213.00	214.00	1.00	442563	0.109	Silicified	1%		
214.00	215.00	1.00	442564	0.148	Silicified	3%		
215.00	215.75	0.75	442565	0.163	Silicified	3%		

From	To	Lithologic Group					
215.75	221.27	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
215.75	217.25	1.50	442566	0.022	Chloritic alteration	3%	medium grained, foliated, equigranular, dark grey
217.25	218.75	1.50	442567	0.007	Chloritic alteration	2%	
218.75	220.25	1.50	442568	0.008	Chloritic alteration	4%	
220.25	221.27	1.02	442569	0.005	Chloritic alteration	10%	

From	To	Lithologic Group					
221.27	252.22	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
221.27	222.00	0.73	442571	0.309	Silicified	5%	contact with dyke at shallow angle so there's about 5% dyke in sample
222.00	223.00	1.00	442573	0.111	Silicified	6%	
223.00	223.97	0.97	442574	0.090	Silicified	7%	
223.97	225.00	1.03	442575	0.068	Silicified	5%	
225.00	226.04	1.04	442576	0.031	Silicified	4%	
226.04	227.00	0.96	442577	0.014	Silicified	12%	
227.00	228.00	1.00	442578	0.037	Silicified	3%	
228.00	229.00	1.00	442579	0.125	Silicified	3%	
229.00	230.03	1.03	442580	0.032	Silicified	3%	
230.03	231.00	0.97	442581	0.131	Silicified	3%	

231.00	232.14	1.14	442582	0.099	Silicified	2%
232.14	233.02	0.88	442583	0.607	Silicified	2%
233.02	234.00	0.98	442585	0.294	Silicified	3%
234.00	235.00	1.00	442586	0.566	Silicified	3%
235.00	236.01	1.01	442587	0.075	Silicified	3%
236.01	237.00	0.99	442588	0.123	Silicified	3%
237.00	238.00	1.00	442589	0.697	Silicified	6%
238.00	239.00	1.00	442591	0.137	Sericitic alteration	4%
239.00	240.00	1.00	442592	0.058	Sericitic alteration	4%
240.00	241.00	1.00	442593	0.133	Silicified	4%
241.00	242.05	1.05	442594	0.088	Silicified	2%
242.05	243.00	0.95	442595	0.198	Silicified	2%
243.00	244.00	1.00	442597	0.333	Silicified	3%
244.00	245.00	1.00	442598	0.080	Silicified	2%
245.00	246.00	1.00	442599	0.051	Sericitic alteration	3%
246.00	247.00	1.00	442600	0.137	Silicified	4%
247.00	248.03	1.03	442601	0.147	Silicified	10%
248.03	249.00	0.97	442602	0.210	Silicified	2%
249.00	250.00	1.00	442603	0.043	Silicified	3%
250.00	251.00	1.00	442604	0.071	Silicified	3%
251.00	252.22	1.22	442605	0.038	Silicified	2%

From	To	Lithologic Group				
252.22	253.22	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
252.22	253.22	1.00	442606	0.251	Biotitic alteration	20%	fine grained, foliated, equigranular, dark grey

From	To	Lithologic Group				
253.22	275.43	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
253.22	254.06	0.84	442607	0.124	Sericitic alteration	3%	medium grained, massive, equigranular, light pinkish grey
254.06	255.00	0.94	442608	0.134	Silicified	2%	
255.00	256.00	1.00	442609	0.142	Silicified	3%	
256.00	257.00	1.00	442611	0.140	Sericitic alteration	3%	
257.00	258.00	1.00	442613	0.243	Sericitic alteration	4%	
258.00	258.97	0.97	442614	0.300	Silicified	2%	
258.97	260.00	1.03	442615	0.288	Silicified	3%	
260.00	261.00	1.00	442616	0.367	Sericitic alteration	1%	
261.00	262.00	1.00	442617	0.061	Sericitic alteration	1%	
262.00	263.50	1.50	442618	0.070	Sericitic alteration	1%	
263.50	264.50	1.00	442619	0.170	Silicified	2%	
264.50	265.50	1.00	442620	0.095	Silicified	2%	
265.50	266.48	0.98	442621	0.115	Silicified	3%	

266.48	267.49	1.01	442622	0.051	Silicified	3%
267.49	268.50	1.01	442623	0.162	Silicified	3%
268.50	269.50	1.00	442625	0.039	Silicified	2%
269.50	270.50	1.00	442626	0.044	Silicified	7%
270.50	271.50	1.00	442627	0.081	Silicified	4%
271.50	272.50	1.00	442628	1.642	Silicified	3%
272.50	273.48	0.98	442629	0.076	Silicified	3%
273.48	274.50	1.02	442631	0.046	Silicified	6%
274.50	275.43	0.93	442632	0.108	Silicified	4%

From	To	Lithologic Group				
275.43	285.40	Diorite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
275.43	276.98	1.55	442633	0.014	Biotitic alteration	2%	fine grained, foliated, equigranular, dark grey
276.98	278.50	1.52	442634	0.011	Chloritic alteration	6%	
278.50	280.00	1.50	442635	0.009	Chloritic alteration	6%	
280.00	281.50	1.50	442637	0.006	Chloritic alteration	6%	
281.50	283.00	1.50	442638	0.015	Biotitic alteration	4%	
283.00	284.50	1.50	442639	0.006	Biotitic alteration	4%	
284.50	285.40	0.90	442640	0.008	Chloritic alteration	20%	

From	To	Lithologic Group				
285.40	316.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
285.40	286.50	1.10	442641	0.012	Silicified	2%	
286.50	287.50	1.00	442642	0.017	Silicified	4%	
287.50	288.56	1.06	442643	0.029	Silicified	2%	
288.56	289.50	0.94	442644	0.126	Silicified	1%	
289.50	290.50	1.00	442645	0.074	Silicified	1%	
290.50	291.50	1.00	442646	0.137	Silicified	3%	
291.50	292.50	1.00	442647	0.126	Silicified	2%	
292.50	293.50	1.00	442649	0.093	Silicified	3%	
293.50	294.47	0.97	442651	0.023	Silicified	4%	
294.47	295.50	1.03	442652	0.035	Silicified	7%	
295.50	296.50	1.00	442653	0.022	Silicified	4%	
296.50	297.48	0.98	442654	0.073	Silicified	2%	
297.48	298.50	1.02	442655	0.073	Silicified	1%	
298.50	299.50	1.00	442656	0.166	Sericitic alteration	2%	
299.50	300.50	1.00	442657	0.115	Silicified	2%	
300.50	302.00	1.50	442658	0.143	Silicified	4%	
302.00	303.00	1.00	442659	0.112	Silicified	2%	
303.00	304.00	1.00	442661	0.201	Silicified	1%	
304.00	305.00	1.00	442662	0.091	Silicified	2%	

305.00	306.00	1.00	442663	0.055	Silicified	2%
306.00	307.00	1.00	442664	1.442	Sericitic alteration	3%
307.00	308.00	1.00	442665	0.254	Silicified	6%
308.00	309.00	1.00	442666	0.770	Silicified	3%
309.00	310.04	1.04	442667	0.144	Silicified	2%
310.04	311.30	1.26	442668	0.292	Silicified	4%
311.30	312.00	0.70	442669	0.086	Silicified	3%
312.00	313.00	1.00	442671	0.175	Silicified	4%
313.00	314.00	1.00	442673	0.187	Silicified	1%
314.00	315.00	1.00	442674	0.099	Silicified	2%
315.00	316.00	1.00	442675	0.321	Silicified	3%

From	To	Lithologic Group				
316.00	317.00	Hydrothermal Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
316.00	317.00	1.00	442676	0.191	Silicified	4%	20% chloritic matrix with low % sulphides

From	To	Lithologic Group				
317.00	318.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
317.00	318.00	1.00	442677	0.125	Silicified	2%	medium grained, massive, equigranular, light grey

From	To	Lithologic Group				
318.00	323.00	Hydrothermal Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
318.00	319.00	1.00	442678	0.299	Silicified	2%	15% chloritic matrix with low % sulphides
319.00	320.00	1.00	442679	0.646	Silicified	0%	10% chloritic matrix
320.00	320.76	0.76	442680	0.060	Silicified	0%	40% chloritic matrix, near fault?
320.76	322.00	1.24	442681	0.111	Biotitic alteration	0%	80% matrix,
322.00	323.00	1.00	442682	0.085	Silicified	1%	10% matrix, in-situe

From	To	Lithologic Group				
323.00	349.58	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
323.00	324.00	1.00	442683	0.034	Silicified	2%	fracturing, medium grained, equigranular, reddish grey
324.00	325.00	1.00	442685	0.077	Silicified	1%	
325.00	326.00	1.00	442686	0.021	Sericitic alteration	4%	
326.00	327.00	1.00	442687	0.032	Sericitic alteration	4%	
327.00	328.00	1.00	442688	0.024	Sericitic alteration	3%	fracture/veinlets with sulphides
328.00	329.00	1.00	442689	0.019	Sericitic alteration	3%	
329.00	330.00	1.00	442691	0.055	Sericitic alteration	5%	
330.00	331.00	1.00	442692	0.057	Sericitic alteration	4%	
331.00	332.00	1.00	442693	0.042	Sericitic alteration	5%	

332.00	333.00	1.00	442694	0.042	Sericitic alteration	5%	
333.00	334.00	1.00	442695	0.127	Sericitic alteration	6%	
334.00	335.00	1.00	442697	0.023	Sericitic alteration	6%	
335.00	336.00	1.00	442698	0.025	Sericitic alteration	6%	
336.00	336.98	0.98	442699	0.041	Sericitic alteration	5%	
336.98	338.00	1.02	442700	0.135	Silicified	5%	
338.00	339.00	1.00	442701	0.137	Silicified	3%	
339.00	340.00	1.00	442702	0.544	Silicified	5%	
340.00	341.00	1.00	442703	0.106	Silicified	3%	
341.00	342.00	1.00	442704	0.064	Sericitic alteration	8%	
342.00	342.88	0.88	442705	0.200	Silicified	4%	
342.88	344.00	1.12	442706	0.056	Sericitic alteration	5%	Blocky core begins
344.00	345.00	1.00	442707	0.083	Sericitic alteration	7%	
345.00	345.99	0.99	442708	0.068	Sericitic alteration	8%	
345.99	347.00	1.01	442709	0.090	Sericitic alteration	3%	
347.00	348.00	1.00	442711	0.081	Sericitic alteration	3%	
348.00	349.00	1.00	442713	0.151	Sericitic alteration	8%	
349.00	349.58	0.58	442714	0.184	Silicified	3%	

From	To	Lithologic Group					
349.58	351.00	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
349.58	351.00	1.42	442715	0.008	Chloritic alteration	1%	fine grained, massive, equigranular, dark grey

From	To	Lithologic Group					
351.00	352.49	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
351.00	351.86	0.86	442716	0.152	Sericitic alteration	3%	medium grained, massive, equigranular, reddish grey
351.86	352.49	0.63	442717	0.048	Sericitic alteration	30%	18cm of VN03 with tr py

From	To	Lithologic Group					
352.49	355.35	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
352.49	354.00	1.51	442718	0.006	Chloritic alteration	5%	Caitlin logging from here to EOH
354.00	355.35	1.35	442719	0.015	Chloritic alteration	5%	

From	To	Lithologic Group					
355.35	420.40	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
355.35	356.00	0.65	442720	0.078	Hematitic alteration	10%	
356.00	357.00	1.00	442721	4.220	Hematitic alteration	3%	
357.00	358.00	1.00	442722	0.413	Hematitic alteration	2%	
358.00	359.00	1.00	442723	0.523	Hematitic alteration	2%	
359.00	360.00	1.00	442725	1.502	Hematitic alteration	2%	

360.00	361.00	1.00	442726	0.804	Sericitic alteration	5%
361.00	362.00	1.00	442727	0.559	Hematitic alteration	1%
362.00	363.00	1.00	442728	0.180	Hematitic alteration	1%
363.00	364.00	1.00	442729	0.333	Sericitic alteration	1%
364.00	365.00	1.00	442731	0.082	Hematitic alteration	2%
365.00	366.00	1.00	442732	0.227	Hematitic alteration	2%
366.00	367.50	1.50	442733	0.302	Hematitic alteration	2%
367.50	369.00	1.50	442734	4.940	Sericitic alteration	3%
369.00	370.00	1.00	442735	0.844	Sericitic alteration	1%
370.00	371.05	1.05	442737	0.444	Sericitic alteration	3%
371.05	372.00	0.95	442738	1.932	Sericitic alteration	2%
372.00	373.00	1.00	442739	0.328	Sericitic alteration	2%
373.00	374.00	1.00	442740	0.276	Sericitic alteration	3%
374.00	375.00	1.00	442741	0.219	Sericitic alteration	3%
375.00	376.00	1.00	442742	0.147	Silicified	3%
376.00	377.00	1.00	442743	0.358	Silicified	3%
377.00	378.00	1.00	442744	0.583	Silicified	2%
378.00	379.00	1.00	442745	1.132	Silicified	2%
379.00	380.00	1.00	442746	0.551	Silicified	2%
380.00	381.00	1.00	442747	0.533	Silicified	2%
381.00	382.00	1.00	442749	1.145	Silicified	2%
382.00	383.00	1.00	442751	0.416	Silicified	2%
383.00	384.00	1.00	442752	0.650	Silicified	3%
384.00	385.00	1.00	442753	0.211	Silicified	3%
385.00	386.00	1.00	442754	1.663	Sericitic alteration	5%
386.00	387.00	1.00	442755	0.210	Sericitic alteration	2%
387.00	388.00	1.00	442756	0.125	Sericitic alteration	5%
388.00	389.00	1.00	442757	0.173	Silicified	3%
389.00	390.00	1.00	442758	0.237	Silicified	3%
390.00	391.00	1.00	442759	0.226	Silicified	3%
391.00	392.00	1.00	442761	0.204	Silicified	5%
392.00	393.00	1.00	442762	0.116	Silicified	3%
393.00	394.00	1.00	442763	0.150	Sericitic alteration	2%
394.00	395.00	1.00	442764	0.122	Silicified	2%
395.00	396.00	1.00	442765	0.028	Silicified	2%
396.00	397.00	1.00	442766	0.108	Silicified	2%
397.00	398.00	1.00	442767	0.045	Silicified	2%
398.00	399.00	1.00	442768	0.027	Silicified	2%
399.00	400.00	1.00	442769	0.030	Silicified	2%
400.00	401.15	1.15	442771	0.017	Silicified	3%
401.15	402.00	0.85	442773	0.021	Silicified	3%
402.00	403.00	1.00	442774	0.340	Silicified	3%

403.00	404.00	1.00	442775	0.321	Silicified	3%
404.00	405.00	1.00	442776	0.375	Silicified	3%
405.00	406.00	1.00	442777	0.133	Silicified	3%
406.00	407.00	1.00	442778	0.112	Silicified	2%
407.00	408.00	1.00	442779	0.081	Silicified	2%
408.00	408.95	0.95	442780	0.079	Silicified	3%
408.95	410.00	1.05	442781	0.089	Silicified	3%
410.00	411.00	1.00	442782	1.069	Silicified	3%
411.00	412.00	1.00	442783	0.560	Silicified	2%
412.00	413.00	1.00	442785	0.089	Silicified	3%
413.00	414.00	1.00	442786	1.377	Silicified	2%
414.00	415.00	1.00	442787	0.066	Silicified	1%
415.00	416.00	1.00	442788	0.416	Silicified	3%
416.00	417.00	1.00	442789	0.342	Silicified	3%
417.00	418.10	1.10	442791	0.112	Silicified	5%
418.10	419.00	0.90	442792	14.900	Silicified	2%
419.00	420.40	1.40	442793	0.515	Silicified	5%

From	To	Lithologic Group				
420.40	422.45	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
420.40	421.44	1.04	442794	0.014	Chloritic alteration	1%	
421.44	422.45	1.01	442795	0.005	Chloritic alteration	1%	

From	To	Lithologic Group				
422.45	438.00	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
422.45	424.00	1.55	442797	0.079	Sericitic alteration	3%	
424.00	425.00	1.00	442798	0.220	Sericitic alteration	3%	
425.00	426.00	1.00	442799	0.073	Sericitic alteration	3%	
426.00	427.00	1.00	442800	0.013	Sericitic alteration	2%	
427.00	428.00	1.00	442801	0.502	Sericitic alteration	2%	
428.00	429.00	1.00	442802	0.800	Sericitic alteration	2%	
429.00	430.00	1.00	442803	0.058	Sericitic alteration	3%	
430.00	431.00	1.00	442804	0.061	Sericitic alteration	3%	
431.00	432.00	1.00	442805	0.149	Sericitic alteration	3%	
432.00	433.00	1.00	442806	0.135	Sericitic alteration	1%	
433.00	433.90	0.90	442807	0.138	Sericitic alteration	3%	
433.90	435.00	1.10	442808	0.604	Sericitic alteration	12%	
435.00	436.00	1.00	442809	0.494	Sericitic alteration	5%	
436.00	437.00	1.00	442811	0.133	Sericitic alteration	2%	
437.00	438.00	1.00	442813	0.077	Sericitic alteration	2%	EOH

DRILL HOLE REPORT

Drill Hole **GOS21-100** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -65.0
 Length 421.5 m
 Started 28-Aug-21
 Completed 06-Sep-21
 Logged 13-Sep-21
 Logged by Caitlin Beland

Company
 Contractor Chenier Drilling Services
 Position
 Bore Size BQTK
 Sample Storage Klondike Lodge
 Casing NONE
 Condition Cemented

Survey Details:

Claim Number MLO-10658
 Property Chester 234
 Township CHESTER
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool GPS

Coordinates:

Target Easting 431269.63
 Comments UTM Datum NAD83 Northing 5267877.35
 UTM Zone 17 Elevation 382.26

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
30.0	333.12	-63.41		RM	Good	77.0	333.69	-63.12		RM	Good
51.0	333.59	-63.32		RM	Good	80.0	333.60	-63.36		RM	Good
53.0	334.04	-63.00		RM	Good	83.0	333.52	-63.13		RM	Good
56.0	333.40	-62.83		RM	Good	86.0	333.83	-63.05		RM	Good
59.0	333.55	-63.30		RM	Good	89.0	332.83	-64.15		RM	Good
62.0	333.87	-62.89		RM	Good	92.0	333.62	-63.25		RM	Good
65.0	333.51	-63.26		RM	Good	95.0	333.79	-63.10		RM	Good
68.0	333.44	-63.22		RM	Good	98.0	334.01	-63.15		RM	Good
71.0	333.65	-63.22		RM	Good	101.0	334.05	-63.09		RM	Good
74.0	333.66	-63.19		RM	Good	104.0	334.36	-63.11		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
107.0	334.32	-63.03		RM	Good
110.0	333.36	-62.96		RM	Good
113.0	334.68	-63.12		RM	Good
116.0	335.11	-63.11		RM	Good
119.0	334.59	-63.21		RM	Good
122.0	335.42	-63.18		RM	Good
128.0	334.19	-63.25		RM	Good
131.0	334.28	-63.29		RM	Good
134.0	334.51	-63.29		RM	Good
137.0	334.84	-63.20		RM	Good
140.0	334.55	-63.30		RM	Good
143.0	334.83	-63.22		RM	Good
146.0	334.75	-63.30		RM	Good
149.0	334.67	-63.32		RM	Good
152.0	334.78	-63.32		RM	Good
155.0	335.46	-62.52		RM	Good
158.0	334.57	-63.32		RM	Good
161.0	334.89	-63.33		RM	Good
164.0	334.73	-63.33		RM	Good
167.0	334.59	-63.31		RM	Good
170.0	334.95	-63.32		RM	Good
173.0	334.81	-63.32		RM	Good
176.0	334.93	-63.33		RM	Good
179.0	334.73	-63.34		RM	Good
182.0	335.34	-62.86		RM	Good
185.0	334.93	-63.39		RM	Good
188.0	335.04	-63.39		RM	Good
191.0	335.24	-63.39		RM	Good
194.0	335.18	-63.38		RM	Good
197.0	335.01	-63.60		RM	Good
200.0	335.20	-63.40		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
203.0	335.11	-63.38		RM	Good
206.0	335.92	-62.79		RM	Good
209.0	335.47	-63.45		RM	Good
212.0	335.42	-63.46		RM	Good
215.0	335.53	-63.44		RM	Good
218.0	335.53	-63.48		RM	Good
221.0	335.51	-63.46		RM	Good
224.0	335.43	-63.42		RM	Good
227.0	335.31	-63.37		RM	Good
230.0	335.42	-63.35		RM	Good
233.0	335.71	-63.37		RM	Good
236.0	335.79	-63.36		RM	Good
239.0	335.77	-63.33		RM	Good
242.0	336.69	-63.33		RM	Good
245.0	337.06	-63.34		RM	Good
248.0	337.02	-63.34		RM	Good
252.0	337.55	-63.20		RM	Good
254.0	337.62	-63.32		RM	Good
257.0	337.69	-63.33		RM	Good
263.0	336.84	-63.32		RM	Good
266.0	337.02	-63.35		RM	Good
269.0	336.13	-63.34		RM	Good
272.0	335.78	-63.38		RM	Good
275.0	335.12	-63.39		RM	Good
278.0	336.72	-63.37		RM	Good
281.0	336.62	-63.37		RM	Good
284.0	336.67	-63.38		RM	Good
287.0	336.77	-63.36		RM	Good
290.0	336.68	-63.35		RM	Good
293.0	336.92	-63.36		RM	Good
296.0	336.76	-63.36		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
299.0	336.73	-63.35		RM	Good
302.0	336.81	-63.34		RM	Good
303.0	336.67	-63.24		RM	Good
305.0	336.85	-63.33		RM	Good
308.0	336.89	-63.33		RM	Good
311.0	337.12	-63.31		RM	Good
314.0	336.94	-63.30		RM	Good
317.0	337.15	-63.30		RM	Good
320.0	337.33	-63.30		RM	Good
323.0	337.50	-63.29		RM	Good
326.0	337.58	-63.26		RM	Good
329.0	337.57	-63.26		RM	Good
332.0	337.43	-63.23		RM	Good
335.0	337.57	-63.28		RM	Good
338.0	337.55	-63.27		RM	Good
341.0	337.68	-63.24		RM	Good
344.0	337.59	-63.24		RM	Good
347.0	337.74	-63.25		RM	Good
350.0	337.75	-63.26		RM	Good
353.0	337.82	-63.26		RM	Good
356.0	337.85	-63.23		RM	Good
359.0	337.90	-63.22		RM	Good
362.0	337.77	-63.26		RM	Good
365.0	337.98	-63.28		RM	Good
368.0	337.94	-63.27		RM	Good
371.0	338.07	-63.27		RM	Good
374.0	338.09	-63.25		RM	Good
377.0	338.05	-63.27		RM	Good
380.0	338.22	-63.27		RM	Good
383.0	337.84	-63.70		RM	Good
386.0	338.27	-63.31		RM	Good

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
389.0	338.25	-63.31		RM	Good
392.0	338.23	-63.32		RM	Good
395.0	338.23	-63.34		RM	Good
398.0	338.15	-63.35		RM	Good
400.0	338.69	-63.38		RM	Good
401.0	338.23	-63.35		RM	Good
404.0	338.34	-63.39		RM	Good
407.0	338.96	-63.17		RM	Good
410.0	338.57	-63.43		RM	Good
413.0	338.48	-63.48		RM	Good
416.0	338.63	-63.78		RM	Good
419.0	338.14	-63.51		RM	Good
421.5	338.09	-63.52		RM	Good

From	To	Lithologic Group					
0.00	22.40	Overburden					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	22.40	22.40			Unaltered		

From	To	Lithologic Group					
22.40	47.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
22.40	23.20	0.80	444001	0.183	Sericitic alteration	2%	medium grained, massive, light grey, non magnetic
23.20	24.00	0.80	444002	0.208	Sericitic alteration	2%	
24.00	25.00	1.00	444003	0.673	Sericitic alteration	2%	
25.00	26.00	1.00	444004	0.608	Sericitic alteration	7%	
26.00	27.00	1.00	444005	0.153	Silicified	1%	
27.00	28.00	1.00	444006	0.202	Silicified	10%	
28.00	29.05	1.05	444007	0.267	Sericitic alteration	2%	includes 25 cm DIA dyke
29.05	30.00	0.95	444008	0.231	Silicified	3%	
30.00	31.00	1.00	444009	0.402	Silicified	2%	
31.00	32.00	1.00	444011	0.567	Silicified	2%	
32.00	33.00	1.00	444013	0.421	Silicified	5%	
33.00	34.00	1.00	444014	0.276	Sericitic alteration	2%	
34.00	35.00	1.00	444015	0.236	Silicified	1%	
35.00	36.00	1.00	444016	0.159	Silicified	2%	
36.00	36.75	0.75	444017	0.298	Silicified	3%	
36.75	37.65	0.90	444018	0.165	Sericitic alteration	15%	
37.65	39.00	1.35	444019	0.116	Sericitic alteration	1%	
39.00	39.90	0.90	444020	0.120	Sericitic alteration	3%	
39.90	41.00	1.10	444021	0.115	Sericitic alteration	15%	
41.00	42.00	1.00	444022	0.170	Sericitic alteration	2%	
42.00	43.00	1.00	444023	0.173	Sericitic alteration	1%	
43.00	44.00	1.00	444025	0.162	Sericitic alteration	2%	
44.00	45.00	1.00	444026	0.301	Sericitic alteration	12%	
45.00	46.00	1.00	444027	0.143	Sericitic alteration	3%	
46.00	47.00	1.00	444028	0.079	Sericitic alteration	2%	

From	To	Lithologic Group					
47.00	50.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
47.00	48.00	1.00	444029	0.112	Sericitic alteration	5%	weakly developed; 5% matrix
48.00	49.00	1.00	444031	0.213	Silicified	3%	weakly developed; 5% matrix
49.00	50.00	1.00	444032	0.467	Silicified	3%	weakly developed; 3% matrix

From 50.00	To 99.45	Lithologic Group					
		Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
50.00	51.25	1.25	444033	0.171	Sericitic alteration	3%	
51.25	52.00	0.75	444034	0.208	Sericitic alteration	2%	
52.00	53.00	1.00	444035	0.147	Silicified	3%	
53.00	54.00	1.00	444037	0.153	Silicified	1%	
54.00	54.80	0.80	444038	0.139	Silicified	1%	
54.80	56.00	1.20	444039	0.251	Sericitic alteration	1%	
56.00	57.00	1.00	444040	0.209	Sericitic alteration	5%	
57.00	58.00	1.00	444041	0.281	Sericitic alteration	2%	
58.00	59.00	1.00	444042	0.469	Sericitic alteration	2%	
59.00	60.00	1.00	444043	0.622	Sericitic alteration	3%	
60.00	61.00	1.00	444044	0.190	Sericitic alteration	3%	
61.00	62.00	1.00	444045	0.139	Sericitic alteration	2%	
62.00	63.00	1.00	444046	0.047	Sericitic alteration	2%	
63.00	64.35	1.35	444047	0.398	Sericitic alteration	5%	
64.35	65.00	0.65	444049	0.067	Sericitic alteration	2%	
65.00	66.00	1.00	444051	0.083	Sericitic alteration	2%	
66.00	67.00	1.00	444052	0.119	Sericitic alteration	2%	
67.00	67.90	0.90	444053	0.233	Sericitic alteration	2%	
67.90	69.00	1.10	444054	0.295	Sericitic alteration	5%	
69.00	70.00	1.00	444055	0.078	Sericitic alteration	3%	
70.00	71.00	1.00	444056	0.047	Sericitic alteration	1%	
71.00	72.00	1.00	444057	0.134	Sericitic alteration	1%	
72.00	73.00	1.00	444058	0.122	Sericitic alteration	1%	
73.00	74.00	1.00	444059	0.057	Sericitic alteration	1%	
74.00	75.00	1.00	444061	0.091	Sericitic alteration	1%	
75.00	76.00	1.00	444062	0.097	Silicified	1%	
76.00	77.00	1.00	444063	0.141	Silicified	1%	
77.00	78.00	1.00	444064	0.153	Silicified	1%	
78.00	79.00	1.00	444065	0.243	Silicified	1%	
79.00	80.00	1.00	444066	0.151	Silicified	1%	
80.00	81.00	1.00	444067	0.129	Silicified	1%	
81.00	82.00	1.00	444068	0.197	Sericitic alteration	2%	
82.00	83.00	1.00	444069	0.059	Sericitic alteration	2%	
83.00	84.00	1.00	444071	0.157	Sericitic alteration	2%	
84.00	85.00	1.00	444073	0.083	Sericitic alteration	1%	
85.00	86.00	1.00	444074	0.075	Silicified	7%	
86.00	86.95	0.95	444075	0.110	Silicified	4%	
86.95	87.95	1.00	444076	0.098	Silicified	10%	
87.95	89.00	1.05	444077	0.102	Silicified	10%	

89.00	90.00	1.00	444078	0.032	Silicified	15%	
90.00	91.00	1.00	444079	0.010	Silicified	30%	a single, 30 cm VN01
91.00	92.00	1.00	444080	0.065	Silicified	5%	
92.00	93.00	1.00	444081	0.049	Silicified	5%	
93.00	94.00	1.00	444082	0.045	Silicified	2%	
94.00	95.00	1.00	444083	0.025	Silicified	2%	
95.00	96.00	1.00	444085	0.057	Silicified	2%	
96.00	97.00	1.00	444086	0.101	Silicified	5%	
97.00	98.00	1.00	444087	0.060	Silicified	1%	
98.00	99.45	1.45	444088	0.262	Silicified	5%	

From	To	Lithologic Group	
99.45	100.70	Diabase	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
99.45	100.70	1.25	444089	0.005	Unaltered	0%	

From	To	Lithologic Group	
100.70	242.50	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
100.70	102.00	1.30	444091	0.163	Silicified	1%	
102.00	103.00	1.00	444092	0.057	Silicified	1%	
103.00	104.00	1.00	444093	0.027	Silicified	1%	
104.00	105.15	1.15	444094	0.019	Silicified	3%	
105.15	106.00	0.85	444095	0.030	Silicified	1%	
106.00	107.00	1.00	444097	0.025	Silicified	2%	
107.00	108.00	1.00	444098	0.020	Silicified	1%	
108.00	109.00	1.00	444099	0.047	Silicified	1%	
109.00	110.00	1.00	444100	0.556	Silicified	1%	
110.00	111.00	1.00	444101	0.118	Silicified	2%	
111.00	112.00	1.00	444102	0.816	Silicified	3%	
112.00	113.00	1.00	444103	0.250	Silicified	3%	
113.00	114.00	1.00	444104	0.632	Silicified	2%	
114.00	115.00	1.00	444105	0.395	Silicified	1%	
115.00	116.00	1.00	444106	0.463	Silicified	1%	
116.00	117.00	1.00	444107	0.209	Silicified	2%	
117.00	118.00	1.00	444108	0.160	Silicified	1%	
118.00	119.00	1.00	444109	0.171	Sericitic alteration	1%	
119.00	120.00	1.00	444111	0.095	Sericitic alteration	1%	
120.00	121.00	1.00	444113	0.075	Silicified	1%	
121.00	122.00	1.00	444114	0.059	Silicified	2%	
122.00	123.00	1.00	444115	0.033	Silicified	1%	
123.00	124.00	1.00	444116	0.062	Silicified	1%	
124.00	125.00	1.00	444117	0.049	Silicified	2%	
125.00	126.00	1.00	444118	0.019	Silicified	2%	

126.00	127.00	1.00	444119	0.005	Silicified	2%	
127.00	128.00	1.00	444120	0.005	Silicified	2%	
128.00	129.00	1.00	444121	0.050	Silicified	2%	
129.00	130.00	1.00	444122	0.011	Silicified	1%	
130.00	131.00	1.00	444123	0.091	Silicified	2%	
131.00	132.00	1.00	444125	0.437	Silicified	2%	
132.00	133.00	1.00	444126	0.328	Silicified	1%	
133.00	134.00	1.00	444127	0.210	Silicified	1%	
134.00	135.00	1.00	444128	0.072	Silicified	1%	
135.00	136.00	1.00	444129	0.121	Silicified	4%	
136.00	137.00	1.00	444131	0.326	Silicified	1%	
137.00	138.00	1.00	444132	0.090	Silicified	3%	
138.00	139.00	1.00	444133	0.028	Silicified	1%	
139.00	140.00	1.00	444134	0.159	Silicified	2%	
140.00	141.00	1.00	444135	0.022	Silicified	5%	
141.00	142.00	1.00	444137	0.104	Silicified	1%	
142.00	143.00	1.00	444138	0.068	Silicified	2%	
143.00	144.00	1.00	444139	0.142	Silicified	2%	
144.00	145.00	1.00	444140	0.016	Silicified	4%	
145.00	146.00	1.00	444141	0.150	Silicified	7%	
146.00	147.00	1.00	444142	0.081	Silicified	7%	
147.00	148.00	1.00	444143	0.051	Silicified	1%	
148.00	149.00	1.00	444144	0.069	Silicified	1%	
149.00	150.00	1.00	444145	0.027	Silicified	5%	
150.00	151.00	1.00	444146	0.049	Silicified	1%	
151.00	152.00	1.00	444147	0.035	Silicified	3%	
152.00	153.00	1.00	444149	0.015	Sericitic alteration	3%	
153.00	154.00	1.00	444151	0.041	Silicified	2%	
154.00	155.20	1.20	444152	0.106	Sericitic alteration	7%	
155.20	156.00	0.80	444153	0.017	Silicified	2%	
156.00	156.90	0.90	444154	0.015	Sericitic alteration	3%	
156.90	158.00	1.10	444155	0.055	Sericitic alteration	5%	
158.00	159.00	1.00	444156	0.015	Sericitic alteration	3%	
159.00	159.75	0.75	444157	1.071	Sericitic alteration	3%	
159.75	160.60	0.85	444158	0.393	Sericitic alteration	5%	foliated
160.60	162.00	1.40	444159	0.098	Silicified	3%	
162.00	163.00	1.00	444161	0.035	Sericitic alteration	5%	
163.00	164.00	1.00	444162	0.049	Silicified	3%	
164.00	165.00	1.00	444163	0.122	Silicified	3%	
165.00	165.70	0.70	444164	0.015	Silicified	5%	
165.70	166.35	0.65	444165	0.399	Sericitic alteration	5%	
166.35	167.00	0.65	444166	0.024	Silicified	1%	

167.00	168.00	1.00	444167	0.030	Silicified	1%
168.00	169.00	1.00	444168	0.059	Silicified	1%
169.00	170.00	1.00	444169	0.345	Silicified	2%
170.00	171.00	1.00	444171	0.125	Silicified	2%
171.00	172.00	1.00	444173	0.527	Silicified	1%
172.00	173.00	1.00	444174	0.347	Silicified	1%
173.00	174.00	1.00	444175	0.055	Silicified	2%
174.00	175.00	1.00	444176	0.118	Sericitic alteration	3%
175.00	176.00	1.00	444177	0.025	Silicified	1%
176.00	177.00	1.00	444178	0.013	Silicified	1%
177.00	178.00	1.00	444179	0.019	Sericitic alteration	3%
178.00	179.00	1.00	444180	0.005	Silicified	1%
179.00	180.00	1.00	444181	0.035	Silicified	2%
180.00	181.00	1.00	444182	0.006	Silicified	5%
181.00	182.00	1.00	444183	0.024	Silicified	1%
182.00	183.00	1.00	444185	0.006	Silicified	1%
183.00	184.00	1.00	444186	0.005	Silicified	2%
184.00	185.00	1.00	444187	0.044	Silicified	2%
185.00	186.00	1.00	444188	0.005	Silicified	1%
186.00	187.00	1.00	444189	0.005	Silicified	3%
187.00	188.00	1.00	444191	0.015	Silicified	1%
188.00	189.00	1.00	444192	0.042	Silicified	1%
189.00	190.00	1.00	444193	0.005	Silicified	3%
190.00	191.00	1.00	444194	0.005	Silicified	1%
191.00	192.00	1.00	444195	0.005	Silicified	1%
192.00	193.00	1.00	444197	0.007	Silicified	1%
193.00	194.00	1.00	444198	0.006	Silicified	1%
194.00	195.00	1.00	444199	0.005	Silicified	3%
195.00	196.00	1.00	444200	0.005	Sericitic alteration	3%
196.00	197.00	1.00	444201	0.005	Sericitic alteration	3%
197.00	198.00	1.00	444202	0.005	Sericitic alteration	1%
198.00	198.75	0.75	444203	0.016	Sericitic alteration	2%
198.75	200.00	1.25	444204	0.047	Sericitic alteration	1%
200.00	201.00	1.00	444205	0.014	Sericitic alteration	1%
201.00	202.00	1.00	444206	0.015	Sericitic alteration	1%
202.00	203.00	1.00	444207	0.021	Sericitic alteration	1%
203.00	204.00	1.00	444208	0.047	Sericitic alteration	2%
204.00	205.00	1.00	444209	0.031	Sericitic alteration	3%
205.00	206.00	1.00	444211	0.007	Sericitic alteration	3%
206.00	207.00	1.00	444213	0.008	Sericitic alteration	68%
207.00	208.00	1.00	444214	0.052	Sericitic alteration	1%
208.00	209.00	1.00	444215	0.023	Sericitic alteration	2%

a single 68 cm VN02

209.00	210.00	1.00	444216	0.024	Sericitic alteration	2%	
210.00	211.00	1.00	444217	0.031	Sericitic alteration	1%	
211.00	212.00	1.00	444218	0.064	Sericitic alteration	2%	
212.00	213.00	1.00	444219	0.058	Sericitic alteration	3%	
213.00	214.00	1.00	444220	0.082	Sericitic alteration	2%	
214.00	215.00	1.00	444221	0.069	Sericitic alteration	2%	
215.00	216.00	1.00	444222	0.032	Sericitic alteration	2%	
216.00	217.10	1.10	444223	0.018	Sericitic alteration	5%	
217.10	218.00	0.90	444225	0.023	Sericitic alteration	3%	
218.00	219.00	1.00	444226	0.013	Sericitic alteration	1%	
219.00	220.00	1.00	444227	0.021	Sericitic alteration	3%	
220.00	221.00	1.00	444228	0.020	Sericitic alteration	2%	
221.00	222.00	1.00	444229	0.031	Sericitic alteration	5%	
222.00	223.00	1.00	444231	0.097	Sericitic alteration	5%	
223.00	224.30	1.30	444232	0.197	Sericitic alteration	5%	
224.30	225.00	0.70	444233	0.042	Silicified	2%	
225.00	226.00	1.00	444234	0.043	Sericitic alteration	3%	
226.00	227.00	1.00	444235	0.228	Silicified	2%	
227.00	228.00	1.00	444237	0.045	Silicified	2%	
228.00	229.00	1.00	444238	0.012	Silicified	2%	
229.00	230.20	1.20	444239	0.016	Sericitic alteration	5%	
230.20	231.00	0.80	444240	0.053	Sericitic alteration	2%	
231.00	231.65	0.65	444241	0.162	Sericitic alteration	2%	
231.65	233.00	1.35	444242	0.005	Silica–Sodic alteration	1%	broken core
233.00	234.00	1.00	444243	0.005	Silica–Sodic alteration	1%	
234.00	234.90	0.90	444244	0.005	Silicified	1%	
234.90	236.00	1.10	444245	0.005	Sericitic alteration	2%	
236.00	237.00	1.00	444246	0.024	Sericitic alteration	2%	
237.00	238.00	1.00	444247	0.075	Sericitic alteration	3%	
238.00	239.00	1.00	444249	0.040	Sericitic alteration	2%	
239.00	240.00	1.00	444251	0.029	Sericitic alteration	1%	
240.00	241.00	1.00	444252	0.005	Silicified	1%	
241.00	242.50	1.50	444253	0.005	Silicified	3%	

From	To	Lithologic Group				
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242.50	244.30	Diabase				
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From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
242.50	244.30	1.80	444254	0.005	Unaltered	1%	black, fine grained, magnetic, massive

From	To	Lithologic Group				
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244.30	257.85	Tonalite				
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From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
244.30	245.00	0.70	444255	0.030	Silicified	1%	

245.00	246.00	1.00	444256	0.019	Silicified	1%
246.00	247.00	1.00	444257	0.244	Sericitic alteration	1%
247.00	248.00	1.00	444258	0.006	Sericitic alteration	2%
248.00	249.00	1.00	444259	0.042	Sericitic alteration	5%
249.00	250.00	1.00	444261	0.005	Sericitic alteration	5%
250.00	251.00	1.00	444262	0.007	Sericitic alteration	2%
251.00	252.00	1.00	444263	0.011	Silicified	1%
252.00	253.00	1.00	444264	0.005	Silicified	1%
253.00	254.00	1.00	444265	0.011	Silicified	2%
254.00	255.00	1.00	444266	0.020	Silicified	1%
255.00	256.00	1.00	444267	0.010	Silicified	1%
256.00	257.00	1.00	444268	0.011	Silicified	1%
257.00	257.85	0.85	444269	0.008	Silicified	2%

From	To	Lithologic Group				
257.85	259.77	Lamprophyre Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
257.85	259.00	1.15	444271	0.005	Biotitic alteration	5%	brown, foliated, porphyritic (mg bio phenos), non magnetic
259.00	259.77	0.77	444273	0.007	Biotitic alteration	3%	

From	To	Lithologic Group				
259.77	282.75	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
259.77	261.00	1.23	444274	0.005	Silicified	10%	includes 40 cm LamDk
261.00	262.00	1.00	444275	0.005	Silicified	1%	
262.00	263.00	1.00	444276	0.010	Sericitic alteration	1%	
263.00	264.00	1.00	444277	0.005	Sericitic alteration	1%	
264.00	265.00	1.00	444278	0.005	Sericitic alteration	1%	
265.00	266.00	1.00	444279	0.005	Sericitic alteration	2%	
266.00	267.00	1.00	444280	0.006	Silicified	2%	
267.00	268.00	1.00	444281	0.005	Silicified	3%	
268.00	269.00	1.00	444282	0.005	Silicified	1%	
269.00	270.50	1.50	444283	0.005	Silicified	2%	
270.50	271.90	1.40	444285	0.127	Silicified	3%	
271.90	273.00	1.10	444286	0.006	Silicified	3%	
273.00	274.00	1.00	444287	0.007	Silicified	1%	
274.00	275.00	1.00	444288	0.018	Silicified	1%	
275.00	276.00	1.00	444289	0.034	Silicified	3%	
276.00	277.00	1.00	444291	0.054	Sericitic alteration	5%	
277.00	278.00	1.00	444292	0.022	Silicified	5%	
278.00	279.00	1.00	444293	0.015	Silicified	1%	
279.00	280.00	1.00	444294	0.029	Silicified	3%	
280.00	281.00	1.00	444295	0.012	Silicified	1%	

281.00	282.00	1.00	444297	0.012	Sericitic alteration	2%
282.00	282.75	0.75	444298	0.009	Silicified	1%

From	To	Lithologic Group				
282.75	283.55	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
282.75	283.55	0.80	444299	0.018	Biotitic alteration	3%	

From	To	Lithologic Group				
283.55	383.40	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
283.55	285.00	1.45	444300	0.016	Silicified	1%	
285.00	286.00	1.00	444301	0.020	Silica–Sodic alteration	1%	
286.00	287.00	1.00	444302	0.015	Sericitic alteration	1%	
287.00	288.00	1.00	444303	0.015	Sericitic alteration	1%	
288.00	289.00	1.00	444304	0.015	Sericitic alteration	2%	
289.00	290.00	1.00	444305	0.011	Sericitic alteration	1%	
290.00	291.00	1.00	444306	0.008	Sericitic alteration	2%	
291.00	292.00	1.00	444307	0.018	Sericitic alteration	3%	
292.00	293.00	1.00	444308	0.986	Sericitic alteration	3%	
293.00	294.00	1.00	444309	0.371	Sericitic alteration	3%	
294.00	295.00	1.00	444311	0.237	Sericitic alteration	1%	
295.00	296.10	1.10	444313	0.074	Sericitic alteration	1%	
296.10	297.00	0.90	444314	0.024	Sericitic alteration	3%	
297.00	298.00	1.00	444315	0.099	Sericitic alteration	1%	
298.00	299.00	1.00	444316	0.361	Sericitic alteration	1%	
299.00	300.00	1.00	444317	0.530	Sericitic alteration	1%	
300.00	301.00	1.00	444318	0.215	Sericitic alteration	2%	
301.00	302.00	1.00	444319	0.072	Silicified	1%	
302.00	303.00	1.00	444320	0.347	Silicified	2%	
303.00	304.00	1.00	444321	0.073	Silicified	1%	
304.00	305.00	1.00	444322	0.080	Silicified	3%	
305.00	306.00	1.00	444323	0.129	Silicified	0%	
306.00	307.00	1.00	444325	0.008	Silicified	1%	
307.00	308.00	1.00	444326	0.083	Silicified	1%	
308.00	309.00	1.00	444327	0.253	Sericitic alteration	1%	
309.00	310.00	1.00	444328	0.217	Sericitic alteration	1%	
310.00	311.00	1.00	444329	1.311	Sericitic alteration	2%	
311.00	312.00	1.00	444331	0.134	Silicified	2%	
312.00	313.00	1.00	444332	0.079	Sericitic alteration	5%	
313.00	314.00	1.00	444333	0.055	Sericitic alteration	7%	
314.00	315.00	1.00	444334	0.153	Sericitic alteration	5%	includes 16 cm MafDk
315.00	316.00	1.00	444335	0.076	Sericitic alteration	1%	
316.00	317.00	1.00	444337	0.460	Sericitic alteration	1%	

317.00	318.00	1.00	444338	0.086	Sericitic alteration	1%	
318.00	319.00	1.00	444339	0.124	Sericitic alteration	7%	
319.00	320.00	1.00	444340	0.074	Sericitic alteration	3%	
320.00	321.00	1.00	444341	0.321	Sericitic alteration	7%	includes 27 cm MafDk
321.00	322.00	1.00	444342	0.124	Sericitic alteration	1%	
322.00	323.00	1.00	444343	0.208	Sericitic alteration	3%	
323.00	324.00	1.00	444344	0.033	Sericitic alteration	1%	
324.00	325.00	1.00	444345	0.396	Sericitic alteration	2%	
325.00	326.00	1.00	444346	0.179	Sericitic alteration	1%	
326.00	327.00	1.00	444347	0.110	Sericitic alteration	2%	
327.00	328.00	1.00	444349	0.190	Sericitic alteration	1%	
328.00	329.00	1.00	444351	0.128	Sericitic alteration	1%	
329.00	330.00	1.00	444352	0.166	Sericitic alteration	1%	
330.00	331.00	1.00	444353	0.140	Sericitic alteration	1%	
331.00	332.00	1.00	444354	0.068	Sericitic alteration	1%	
332.00	333.00	1.00	444355	0.131	Silicified	1%	
333.00	334.00	1.00	444356	0.049	Sericitic alteration	1%	
334.00	335.00	1.00	444357	0.019	Sericitic alteration	1%	
335.00	336.00	1.00	444358	0.025	Sericitic alteration	1%	
336.00	337.00	1.00	444359	0.077	Sericitic alteration	1%	
337.00	338.00	1.00	444361	0.189	Sericitic alteration	1%	
338.00	339.00	1.00	444362	0.247	Sericitic alteration	1%	
339.00	340.00	1.00	444363	0.212	Sericitic alteration	1%	
340.00	341.00	1.00	444364	0.357	Sericitic alteration	1%	
341.00	342.00	1.00	444365	0.763	Sericitic alteration	1%	
342.00	343.00	1.00	444366	0.300	Sericitic alteration	1%	
343.00	344.00	1.00	444367	0.251	Sericitic alteration	1%	
344.00	345.00	1.00	444368	0.301	Sericitic alteration	1%	
345.00	346.00	1.00	444369	0.137	Sericitic alteration	2%	
346.00	347.00	1.00	444371	0.612	Sericitic alteration	3%	
347.00	348.00	1.00	444373	0.560	Silicified	3%	
348.00	349.00	1.00	444374	0.036	Silicified	3%	
349.00	350.00	1.00	444375	0.014	Silicified	2%	
350.00	351.00	1.00	444376	0.024	Silicified	1%	
351.00	352.00	1.00	444377	0.219	Silicified	1%	
352.00	353.00	1.00	444378	0.058	Silicified	1%	
353.00	354.00	1.00	444379	0.030	Sericitic alteration	1%	
354.00	355.00	1.00	444380	0.287	Sericitic alteration	3%	
355.00	356.00	1.00	444381	0.026	Sericitic alteration	1%	
356.00	357.00	1.00	444382	0.424	Sericitic alteration	1%	
357.00	358.00	1.00	444383	0.048	Sericitic alteration	1%	
358.00	359.00	1.00	444385	0.040	Sericitic alteration	2%	

359.00	360.00	1.00	444386	0.087	Sericitic alteration	1%
360.00	361.00	1.00	444387	0.017	Sericitic alteration	1%
361.00	362.00	1.00	444388	0.011	Sericitic alteration	3%
362.00	363.00	1.00	444389	0.208	Silicified	1%
363.00	364.00	1.00	444391	0.014	Sericitic alteration	1%
364.00	365.00	1.00	444392	0.084	Silicified	5%
365.00	366.00	1.00	444393	0.064	Sericitic alteration	10%
366.00	366.80	0.80	444394	0.012	Sericitic alteration	2%
366.80	368.00	1.20	444395	0.009	Sericitic alteration	1%
368.00	369.00	1.00	444397	0.025	Sericitic alteration	1%
369.00	370.00	1.00	444398	0.053	Sericitic alteration	1%
370.00	371.00	1.00	444399	0.019	Sericitic alteration	1%
371.00	372.00	1.00	444400	0.043	Sericitic alteration	1%
372.00	373.00	1.00	444401	0.073	Sericitic alteration	2%
373.00	374.00	1.00	444402	0.212	Sericitic alteration	2%
374.00	375.00	1.00	444403	0.058	Sericitic alteration	2%
375.00	376.00	1.00	444404	0.185	Sericitic alteration	2%
376.00	377.00	1.00	444405	0.064	Sericitic alteration	0%
377.00	378.00	1.00	444406	0.106	Sericitic alteration	1%
378.00	379.00	1.00	444407	0.054	Sericitic alteration	1%
379.00	380.00	1.00	444408	0.051	Sericitic alteration	1%
380.00	381.00	1.00	444409	0.013	Sericitic alteration	1%
381.00	382.00	1.00	444411	0.009	Sericitic alteration	1%
382.00	382.70	0.70	444413	0.008	Sericitic alteration	1%
382.70	383.40	0.70	444414	0.017	Sericitic alteration	1%

From	To	Lithologic Group				
383.40	384.65	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
383.40	384.65	1.25	444415	0.075	Chloritic alteration	2%	drk gry, gf, non-mag, wkly foliated

From	To	Lithologic Group				
384.65	421.50	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
384.65	386.00	1.35	444416	0.070	Sericitic alteration	1%	mg, gry-beige, non-mag, mass
386.00	387.00	1.00	444417	0.058	Sericitic alteration	3%	
387.00	388.00	1.00	444418	0.024	Silicified	1%	
388.00	389.00	1.00	444419	0.016	Silicified	2%	
389.00	390.00	1.00	444420	0.076	Silicified	1%	
390.00	391.00	1.00	444421	0.107	Silicified	1%	
391.00	392.00	1.00	444422	0.057	Silicified	0%	
392.00	393.00	1.00	444423	0.047	Silicified	1%	
393.00	394.00	1.00	444425	0.240	Silicified	1%	

394.00	395.00	1.00	444426	0.017	Silicified	1%	
395.00	396.00	1.00	444427	0.123	Silicified	1%	
396.00	397.00	1.00	444428	0.035	Silicified	1%	
397.00	398.00	1.00	444429	0.014	Sericitic alteration	0%	
398.00	399.00	1.00	444431	0.010	Silicified	1%	
399.00	400.00	1.00	444432	0.045	Silicified	1%	
400.00	401.00	1.00	444433	0.012	Silicified	0%	
401.00	402.00	1.00	444434	0.005	Sericitic alteration	1%	
402.00	403.00	1.00	444435	0.011	Sericitic alteration	1%	
403.00	404.00	1.00	444437	0.037	Sericitic alteration	1%	
404.00	405.00	1.00	444438	0.009	Sericitic alteration	0%	
405.00	406.00	1.00	444439	0.279	Sericitic alteration	1%	
406.00	407.00	1.00	444440	0.041	Sericitic alteration	1%	
407.00	408.00	1.00	444441	0.044	Sericitic alteration	0%	
408.00	409.00	1.00	444442	0.214	Sericitic alteration	1%	
409.00	410.00	1.00	444443	0.048	Sericitic alteration	0%	
410.00	411.00	1.00	444444	0.181	Sericitic alteration	1%	
411.00	412.00	1.00	444445	0.018	Sericitic alteration	1%	
412.00	413.00	1.00	444446	1.550	Sericitic alteration	1%	
413.00	414.00	1.00	444447	0.087	Sericitic alteration	1%	
414.00	415.00	1.00	444449	0.335	Silicified	1%	
415.00	416.00	1.00	444451	0.130	Sericitic alteration	1%	
416.00	417.00	1.00	444452	0.661	Sericitic alteration	3%	
417.00	418.00	1.00	444453	0.385	Sericitic alteration	6%	6cm qtz-cb-chl-py vn
418.00	419.00	1.00	444454	0.211	Sericitic alteration	2%	
419.00	420.00	1.00	444455	0.494	Sericitic alteration	3%	
420.00	421.50	1.50	444456	0.609	Sericitic alteration	5%	asp in vein

DRILL HOLE REPORT

Drill Hole **GOS21-101** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 198.0
 Dip -60.0
 Length 423.0 m
 Started 06-Sep-21
 Completed 24-Sep-21
 Logged 28-Sep-21
 Logged by Caitlin Beland

Company
 Contractor Chenier
 Position
 Bore Size BQTK
 Sample Storage core shack
 Casing STEEL
 Condition Lost

Survey Details:

Claim Number MLO-10659
 Property Chester 234
 Township CHESTER
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool SURV

Coordinates:

Easting 431319.83
 Northing 5267857.37
 Elevation 381.11

UTM Datum NAD83
 UTM Zone 17

Target
 Comments LOST ~300m of rods + Steel cable in hole.

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
51.0	195.27	-60.51									
100.0	195.39	-60.63									
150.0	195.92	-60.55									
200.0	197.32	-60.14									
250.0	200.75	-59.76									
300.0	198.31	-59.75									
350.0	199.01	-59.46									

From	To	Lithologic Group					
0.00	16.59	Overburden					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	16.59	16.59			Unaltered		

From	To	Lithologic Group					
16.59	37.25	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
16.59	18.00	1.41	442814	0.029	Silicified	1%	light grey, fine to medium grained, massive, non magnetic
18.00	19.25	1.25	442815	0.267	Silicified	2%	
19.25	20.45	1.20	442816	1.068	Sericitic alteration	2%	
20.45	22.00	1.55	442817	0.081	Silicified	2%	
22.00	23.00	1.00	442818	0.017	Silicified	1%	
23.00	24.00	1.00	442819	0.019	Silicified	1%	
24.00	25.00	1.00	442820	0.042	Silicified	1%	
25.00	26.00	1.00	442821	0.343	Silicified	2%	
26.00	27.00	1.00	442822	0.169	Silicified	2%	
27.00	28.00	1.00	442823	0.343	Silicified	3%	
28.00	29.00	1.00	442825	0.049	Silicified	1%	
29.00	30.00	1.00	442826	0.040	Silicified	1%	
30.00	31.00	1.00	442827	0.124	Silicified	1%	
31.00	32.00	1.00	442828	0.043	Silicified	2%	
32.00	33.00	1.00	442829	0.237	Silicified	1%	
33.00	34.00	1.00	442831	0.280	Silicified	1%	
34.00	34.80	0.80	442832	0.242	Silicified	2%	
34.80	36.00	1.20	442833	0.113	Silicified	1%	
36.00	37.25	1.25	442834	0.129	Silicified	5%	

From	To	Lithologic Group					
37.25	64.30	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
37.25	38.00	0.75	442835	0.042	Chloritic alteration	3%	dark green, fine grained, massive, non magnetic
38.00	39.00	1.00	442837	0.033	Chloritic alteration	30%	weakly foliated
39.00	40.00	1.00	442838	0.019	Chloritic alteration	7%	foliated
40.00	41.00	1.00	442839	0.014	Chloritic alteration	5%	foliated
41.00	42.00	1.00	442840	0.007	Chloritic alteration	3%	
42.00	43.00	1.00	442841	0.008	Chloritic alteration	0%	
43.00	44.00	1.00	442842	0.006	Chloritic alteration	0%	
44.00	45.00	1.00	442843	0.007	Chloritic alteration	1%	

45.00	46.00	1.00	442844	0.007	Chloritic alteration	5%	
46.00	46.90	0.90	442845	0.007	Chloritic alteration	2%	
46.90	48.00	1.10	442846	0.012	Chloritic alteration	5%	
48.00	49.00	1.00	442847	0.019	Chloritic alteration	3%	
49.00	50.00	1.00	442849	0.011	Chloritic alteration	3%	
50.00	51.00	1.00	442851	0.015	Chloritic alteration	5%	foliated
51.00	52.00	1.00	442852	0.013	Chloritic alteration	5%	foliated
52.00	53.00	1.00	442853	0.011	Chloritic alteration	1%	
53.00	54.00	1.00	442854	0.012	Chloritic alteration	2%	
54.00	55.00	1.00	442855	0.014	Chloritic alteration	3%	
55.00	56.00	1.00	442856	0.012	Chloritic alteration	3%	
56.00	57.00	1.00	442857	0.013	Chloritic alteration	3%	
57.00	58.00	1.00	442858	0.015	Chloritic alteration	2%	
58.00	59.00	1.00	442859	0.013	Chloritic alteration	1%	
59.00	60.00	1.00	442861	0.023	Chloritic alteration	1%	
60.00	61.00	1.00	442862	0.012	Chloritic alteration	2%	
61.00	62.00	1.00	442863	0.013	Chloritic alteration	1%	
62.00	63.00	1.00	442864	0.014	Chloritic alteration	2%	
63.00	64.30	1.30	442865	0.012	Chloritic alteration	2%	

From	To	Lithologic Group					
64.30	64.95	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
64.30	64.95	0.65	442866	0.038	Silicified	50%	20% DR (shallow angle contact)

From	To	Lithologic Group					
64.95	65.50	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
64.95	65.50	0.55	442867	0.028	Chloritic alteration	1%	

From	To	Lithologic Group					
65.50	73.30	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
65.50	67.00	1.50	442868	0.401	Silicified	3%	
67.00	67.80	0.80	442869	1.332	Silicified	3%	
67.80	69.00	1.20	442871	1.032	Sericitic alteration	10%	
69.00	70.00	1.00	442873	0.332	Sericitic alteration	5%	
70.00	70.70	0.70	442874	0.292	Sericitic alteration	2%	
70.70	72.00	1.30	442875	0.867	Sericitic alteration	3%	
72.00	73.30	1.30	442876	7.790	Sericitic alteration	15%	

From	To	Lithologic Group					
73.30	74.00	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
73.30	74.00	0.70	442877	6.610	Chloritic alteration	15%	

From	To	Lithologic Group					
74.00	74.90	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
74.00	74.90	0.90	442878	0.158	Unaltered	1%	black, very fine grained, magnetic, massive
From	To	Lithologic Group					
74.90	80.80	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
74.90	76.15	1.25	442879	0.534	Sericitic alteration	2%	
76.15	77.00	0.85	442880	0.537	Silicified	2%	
77.00	77.75	0.75	442881	0.209	Silicified	3%	
77.75	79.00	1.25	442882	0.486	Sericitic alteration	7%	
79.00	80.00	1.00	442883	0.430	Sericitic alteration	3%	
80.00	80.80	0.80	442885	0.801	Silicified	2%	
From	To	Lithologic Group					
80.80	81.75	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
80.80	81.75	0.95	442886	0.028	Biotitic alteration	5%	
From	To	Lithologic Group					
81.75	88.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
81.75	82.60	0.85	442887	0.996	Silicified	5%	
82.60	83.50	0.90	442888	0.756	Sericitic alteration	4%	
83.50	84.25	0.75	442889	0.422	Silicified	2%	
84.25	85.00	0.75	442891	0.984	Silicified	2%	
85.00	86.00	1.00	442892	1.098	Sericitic alteration	4%	
86.00	87.00	1.00	442893	0.774	Sericitic alteration	5%	
87.00	88.00	1.00	442894	1.917	Sericitic alteration	13%	
From	To	Lithologic Group					
88.00	88.65	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
88.00	88.65	0.65	442895	0.687	Biotitic alteration	10%	
From	To	Lithologic Group					
88.65	91.95	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
88.65	90.00	1.35	442897	1.802	Sericitic alteration	5%	
90.00	91.00	1.00	442898	0.212	Sericitic alteration	3%	
91.00	91.95	0.95	442899	0.077	Sericitic alteration	3%	
From	To	Lithologic Group					
91.95	92.85	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
91.95	92.85	0.90	442900	0.020	Chloritic alteration	2%	

From 92.85	To 114.95	Lithologic Group					
							Tonalite
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
92.85	94.00	1.15	442901	0.361	Silicified	3%	
94.00	95.00	1.00	442902	4.340	Silicified	5%	
95.00	96.00	1.00	442903	0.347	Silicified	1%	
96.00	97.00	1.00	442904	0.616	Silicified	2%	
97.00	98.00	1.00	442905	0.899	Silicified	2%	
98.00	99.00	1.00	442906	1.117	Silicified	2%	
99.00	100.00	1.00	442907	0.264	Silicified	5%	
100.00	101.00	1.00	442908	0.560	Silicified	2%	
101.00	102.00	1.00	442909	0.326	Sericitic alteration	2%	
102.00	103.00	1.00	442911	0.438	Sericitic alteration	2%	
103.00	104.00	1.00	442913	0.549	Sericitic alteration	1%	
104.00	105.00	1.00	442914	0.696	Sericitic alteration	1%	
105.00	106.00	1.00	442915	0.319	Sericitic alteration	3%	
106.00	107.00	1.00	442916	0.593	Sericitic alteration	2%	
107.00	108.00	1.00	442917	1.042	Sericitic alteration	2%	
108.00	109.00	1.00	442918	1.660	Sericitic alteration	2%	
109.00	110.00	1.00	442919	0.447	Sericitic alteration	2%	
110.00	111.00	1.00	442920	1.146	Sericitic alteration	1%	
111.00	111.60	0.60	442921	0.653	Sericitic alteration	1%	
111.60	112.50	0.90	442922	0.918	Sericitic alteration	2%	
112.50	114.00	1.50	442923	0.547	Sericitic alteration	1%	
114.00	114.95	0.95	442925	0.067	Sericitic alteration	9%	
From 114.95	To 115.45	Lithologic Group					
							Mafic Dyke
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
114.95	115.45	0.50	442926	0.038	Chloritic alteration	2%	
From 115.45	To 119.20	Lithologic Group					
							Tonalite
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
115.45	117.00	1.55	442927	0.120	Sericitic alteration	2%	
117.00	118.05	1.05	442928	0.065	Sericitic alteration	1%	
118.05	119.20	1.15	442929	0.453	Sericitic alteration	1%	
From 119.20	To 119.80	Lithologic Group					
							Fault Zone
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
119.20	119.80	0.60	442931	0.405	Silicified	1%	grey, clast-supported, polymictic breccia; clasts range from mm to dm scale, angular; matrix is vfg, grey, silicate rock; healed fault breccia?

From	To	Lithologic Group					
119.80	121.60	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
119.80	120.85	1.05	442932	0.281	Sericitic alteration	2%	
120.85	121.60	0.75	442933	0.243	Sericitic alteration	2%	
From	To	Lithologic Group					
121.60	122.25	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
121.60	122.25	0.65	442934	0.024	Chloritic alteration	10%	
From	To	Lithologic Group					
122.25	172.05	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
122.25	123.00	0.75	442935	0.432	Sericitic alteration	2%	
123.00	124.00	1.00	442937	0.254	Sericitic alteration	2%	
124.00	125.00	1.00	442938	0.063	Sericitic alteration	1%	
125.00	126.00	1.00	442939	0.056	Sericitic alteration	3%	
126.00	127.00	1.00	442940	0.194	Sericitic alteration	10%	
127.00	128.00	1.00	442941	0.799	Silicified	2%	
128.00	129.00	1.00	442942	0.125	Sericitic alteration	1%	
129.00	129.90	0.90	442943	0.136	Sericitic alteration	1%	
129.90	131.00	1.10	442944	0.119	Sericitic alteration	2%	
131.00	132.00	1.00	442945	0.635	Sericitic alteration	2%	
132.00	133.00	1.00	442946	0.240	Sericitic alteration	3%	
133.00	134.00	1.00	442947	0.227	Sericitic alteration	2%	
134.00	135.00	1.00	442949	0.214	Sericitic alteration	1%	
135.00	135.80	0.80	442951	0.785	Sericitic alteration	3%	
135.80	136.80	1.00	442952	0.083	Sericitic alteration	3%	
136.80	138.00	1.20	442953	0.261	Sericitic alteration	2%	includes 28 cm DIA dyke
138.00	139.00	1.00	442954	0.031	Sericitic alteration	2%	
139.00	140.00	1.00	442955	0.145	Sericitic alteration	2%	
140.00	141.00	1.00	442956	0.216	Sericitic alteration	2%	
141.00	142.00	1.00	442957	0.051	Sericitic alteration	2%	
142.00	143.00	1.00	442958	0.067	Sericitic alteration	1%	
143.00	144.00	1.00	442959	0.020	Silicified	5%	
144.00	145.00	1.00	442961	0.063	Silicified	2%	
145.00	146.00	1.00	442962	0.241	Sericitic alteration	3%	
146.00	147.00	1.00	442963	0.059	Sericitic alteration	3%	
147.00	148.00	1.00	442964	0.158	Sericitic alteration	1%	
148.00	149.05	1.05	442965	0.283	Silicified	2%	
149.05	150.00	0.95	442966	0.068	Sericitic alteration	2%	
150.00	151.00	1.00	442967	0.054	Sericitic alteration	3%	
151.00	152.00	1.00	442968	0.115	Sericitic alteration	2%	

152.00	152.75	0.75	442969	0.457	Sericitic alteration	3%
152.75	153.40	0.65	442971	2.354	Sericitic alteration	3%
153.40	154.00	0.60	442973	0.009	Sericitic alteration	5%
154.00	155.00	1.00	442974	0.022	Sericitic alteration	2%
155.00	156.00	1.00	442975	0.145	Sericitic alteration	3%
156.00	157.00	1.00	442976	0.027	Sericitic alteration	2%
157.00	158.00	1.00	442977	0.029	Sericitic alteration	1%
158.00	159.00	1.00	442978	0.192	Sericitic alteration	5%
159.00	159.75	0.75	442979	0.413	Sericitic alteration	2%
159.75	160.60	0.85	442980	0.099	Sericitic alteration	5%
160.60	161.30	0.70	442981	0.037	Silicified	5%
161.30	162.00	0.70	442982	0.448	Sericitic alteration	2%
162.00	163.00	1.00	442983	0.013	Sericitic alteration	2%
163.00	164.00	1.00	442985	0.259	Sericitic alteration	3%
164.00	165.00	1.00	442986	0.069	Sericitic alteration	1%
165.00	166.00	1.00	442987	0.066	Sericitic alteration	2%
166.00	167.00	1.00	442988	0.025	Sericitic alteration	2%
167.00	168.00	1.00	442989	0.195	Sericitic alteration	1%
168.00	169.00	1.00	442991	0.261	Sericitic alteration	5%
169.00	170.00	1.00	442992	0.055	Sericitic alteration	2%
170.00	171.00	1.00	442993	0.005	Sericitic alteration	5%
171.00	172.05	1.05	442994	0.172	Sericitic alteration	2%

From	To	Lithologic Group				
172.05	172.90	Lamprophyre Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
172.05	172.90	0.85	442995	0.006	Biotitic alteration	1%	dark brown, porphyritic with medium grained biotite phenocrysts in a fine grained matrix of biotite, chlorite and carbonate; foliated, non magnetic

From	To	Lithologic Group				
172.90	179.15	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
172.90	174.00	1.10	442997	0.229	Sericitic alteration	3%	
174.00	175.00	1.00	442998	0.125	Sericitic alteration	2%	
175.00	176.00	1.00	442999	0.133	Sericitic alteration	3%	
176.00	177.00	1.00	443000	0.078	Sericitic alteration	2%	
177.00	178.00	1.00	443001	0.038	Sericitic alteration	1%	
178.00	179.15	1.15	443002	0.064	Sericitic alteration	3%	

From	To	Lithologic Group				
179.15	183.00	Diorite Breccia				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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179.15	180.00	0.85	443003	0.141	Silicified	1%	tonalite fragments in diorite matrix; diorite is fine to medium grained, dark green, non magnetic; 50% matrix
180.00	181.05	1.05	443004	0.250	Silicified	2%	70% matrix
181.05	182.05	1.00	443005	0.360	Silicified	1%	45% matrix
182.05	183.00	0.95	443006	0.233	Silicified	1%	80% matrix
From 183.00	To 185.00	Lithologic Group Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
183.00	184.00	1.00	443007	0.491	Chloritic alteration	2%	
184.00	185.00	1.00	443008	0.097	Chloritic alteration	5%	
From 185.00	To 186.15	Lithologic Group Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
185.00	186.15	1.15	443009	1.697	Silicified	2%	85% matrix
From 186.15	To 189.00	Lithologic Group Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
186.15	187.30	1.15	443011	2.843	Silicified	2%	
187.30	188.40	1.10	443013	0.013	Silicified	1%	
188.40	189.00	0.60	443014	0.227	Silicified	1%	
From 189.00	To 190.10	Lithologic Group Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
189.00	190.10	1.10	443015	0.430	Silicified	2%	30% matrix
From 190.10	To 191.00	Lithologic Group Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
190.10	191.00	0.90	443016	0.608	Silicified	1%	
From 191.00	To 192.00	Lithologic Group Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
191.00	192.00	1.00	443017	0.116	Silicified	3%	60% matrix
From 192.00	To 193.58	Lithologic Group Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
192.00	193.00	1.00	443018	0.553	Silicified	1%	overprinted HdBx?
193.00	193.58	0.58	443019	0.237	Silicified	2%	overprinted HdBx?
From 193.58	To 194.75	Lithologic Group Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

193.58	194.75	1.17	443020	0.785	Silicified	2%	10% matrix
From 194.75	To 197.75		Lithologic Group Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
194.75	196.00	1.25	443021	0.067	Silicified	2%	
196.00	197.00	1.00	443022	0.106	Silicified	2%	
197.00	197.75	0.75	443023	0.059	Silicified	3%	
From 197.75	To 198.55		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
197.75	198.55	0.80	443025	0.005	Sericitic alteration	0%	strongly sheared
From 198.55	To 202.00		Lithologic Group Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
198.55	199.00	0.45	443026	0.055	Silicified	5%	
199.00	200.00	1.00	443027	0.099	Silicified	2%	
200.00	201.00	1.00	443028	0.078	Silicified	5%	
201.00	202.00	1.00	443029	0.451	Silicified	3%	
From 202.00	To 204.20		Lithologic Group Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
202.00	203.00	1.00	443031	0.102	Silicified	1%	40% matrix; Ton fragments
203.00	204.20	1.20	443032	0.094	Silicified	1%	75% matrix; fragments are HdBx in Ton 2 matrix
From 204.20	To 204.75		Lithologic Group Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
204.20	204.75	0.55	443033	0.239	Silicified	2%	20% matrix;
From 204.75	To 207.00		Lithologic Group Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
204.75	206.00	1.25	443034	0.127	Silicified	3%	60% matrix; Ton fragments
206.00	207.00	1.00	443035	0.203	Silicified	2%	30% matrix;
From 207.00	To 208.00		Lithologic Group Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
207.00	208.00	1.00	443037	0.195	Silicified	2%	beige - cream, very fine grained, non magnetic, massive to weakly foliated
From 208.00	To 209.00		Lithologic Group Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

208.00	209.00	1.00	443038	0.506	Silicified	5%	70% matrix
From	To		Lithologic Group				
209.00	227.00		Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
209.00	210.00	1.00	443039	0.246	Silicified	5%	
210.00	211.00	1.00	443040	0.190	Silicified	2%	
211.00	212.00	1.00	443041	0.005	Silicified	1%	
212.00	213.00	1.00	443042	0.080	Silicified	3%	
213.00	214.00	1.00	443043	0.470	Silicified	3%	
214.00	215.00	1.00	443044	0.220	Silicified	2%	
215.00	216.00	1.00	443045	0.422	Silicified	2%	
216.00	217.00	1.00	443046	0.417	Silicified	3%	
217.00	218.00	1.00	443047	0.362	Silicified	2%	
218.00	219.00	1.00	443049	0.149	Silicified	2%	
219.00	220.00	1.00	443051	0.468	Silicified	2%	
220.00	221.35	1.35	443052	0.507	Silicified	3%	
221.35	222.00	0.65	443053	1.719	Silicified	1%	
222.00	223.00	1.00	443054	2.094	Silicified	2%	
223.00	224.00	1.00	443055	2.630	Silicified	2%	
224.00	225.00	1.00	443056	0.615	Silicified	1%	
225.00	226.00	1.00	443057	0.453	Silicified	2%	
226.00	227.00	1.00	443058	0.471	Silicified	2%	
From	To		Lithologic Group				
227.00	228.00		Tonalite 2 Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
227.00	228.00	1.00	443059	0.158	Silicified	3%	40% matrix; ton fragments; overprinted HdBx in Ton fragments?
From	To		Lithologic Group				
228.00	229.45		Hydrothermal Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
228.00	229.45	1.45	443061	0.220	Silicified	4%	10% matrix;
From	To		Lithologic Group				
229.45	240.35		Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
229.45	231.00	1.55	443062	0.728	Silicified	10%	
231.00	232.00	1.00	443063	0.360	Silicified	1%	
232.00	233.00	1.00	443064	1.365	Silicified	3%	
233.00	234.00	1.00	443065	0.612	Silicified	3%	
234.00	235.00	1.00	443066	0.050	Silicified	1%	
235.00	235.95	0.95	443067	0.020	Silicified	1%	
235.95	237.00	1.05	443068	0.101	Silicified	2%	

237.00	238.00	1.00	443069	0.276	Silicified	3%	
238.00	239.00	1.00	443071	0.045	Silicified	3%	
239.00	240.35	1.35	443073	0.805	Silicified	2%	
From 240.35	To 241.40		Lithologic Group Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
240.35	241.40	1.05	443074	0.027	Chloritic alteration	10%	
From 241.40	To 242.25		Lithologic Group Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
241.40	242.25	0.85	443075	0.125	Silicified	3%	
From 242.25	To 243.80		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
242.25	243.00	0.75	443076	0.087	Silicified	2%	
243.00	243.80	0.80	443077	0.166	Silicified	2%	
From 243.80	To 245.10		Lithologic Group Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
243.80	245.10	1.30	443078	0.179	Silicified	3%	
From 245.10	To 246.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
245.10	246.00	0.90	443079	0.443	Sericitic alteration	2%	
From 246.00	To 247.10		Lithologic Group Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
246.00	247.10	1.10	443080	0.128	Silicified	5%	
From 247.10	To 248.00		Lithologic Group Mafic Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
247.10	248.00	0.90	443081	0.009	Chloritic alteration	15%	
From 248.00	To 253.45		Lithologic Group Tonalite 2				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
248.00	249.00	1.00	443082	0.067	Silicified	7%	
249.00	250.00	1.00	443083	0.021	Silicified	3%	
250.00	251.00	1.00	443085	0.021	Silicified	2%	
251.00	252.00	1.00	443086	0.171	Silicified	3%	
252.00	253.45	1.45	443087	0.063	Silicified	2%	

From	To	Lithologic Group					
253.45	254.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
253.45	254.00	0.55	443088	0.395	Silicified	3%	~ 50% MafDk; sample all rubble;
From	To	Lithologic Group					
254.00	258.80	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
254.00	255.00	1.00	443089	0.186	Silicified	1%	15% matrix
255.00	256.00	1.00	443091	0.167	Silicified	2%	25% matrix
256.00	257.00	1.00	443092	1.562	Silicified	2%	30% matrix
257.00	258.00	1.00	443093	0.418	Sericitic alteration	2%	35% matrix
258.00	258.80	0.80	443094	0.071	Silicified	2%	40% matrix
From	To	Lithologic Group					
258.80	261.25	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
258.80	260.00	1.20	443095	0.046	Silicified	1%	Ton 2 Bx, but 95% matrix
260.00	261.25	1.25	443097	0.152	Silicified	5%	
From	To	Lithologic Group					
261.25	264.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
261.25	262.00	0.75	443098	0.290	Silicified	3%	
262.00	263.00	1.00	443099	0.351	Silicified	2%	
263.00	264.00	1.00	443100	0.014	Silicified	2%	
From	To	Lithologic Group					
264.00	265.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
264.00	265.00	1.00	443101	0.029	Silicified	3%	25% matrix
From	To	Lithologic Group					
265.00	266.25	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
265.00	266.25	1.25	443102	0.020	Silicified	2%	Ton 2 brecciating HdBx; Sample is 40% Ton 2; HdBx described
From	To	Lithologic Group					
266.25	268.30	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
266.25	267.00	0.75	443103	0.029	Silicified	1%	
267.00	268.30	1.30	443104	0.029	Silicified	5%	
From	To	Lithologic Group					
268.30	269.60	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

268.30	269.00	0.70	443105	0.026	Silicified	1%	
269.00	269.60	0.60	443106	0.060	Silicified	1%	
From	To	Lithologic Group					
269.60	273.30	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
269.60	271.00	1.40	443107	0.037	Silicified	1%	
271.00	272.00	1.00	443108	0.108	Silicified	1%	
272.00	273.30	1.30	443109	0.130	Silicified	5%	
From	To	Lithologic Group					
273.30	276.20	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
273.30	274.00	0.70	443111	0.475	Silicified	1%	15% matrix
274.00	275.00	1.00	443113	0.087	Silicified	12%	5% matrix
275.00	276.20	1.20	443114	0.092	Silicified	2%	15% matrix
From	To	Lithologic Group					
276.20	278.90	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
276.20	277.00	0.80	443115	0.071	Silicified	1%	
277.00	278.00	1.00	443116	0.049	Silicified	5%	Ton 2 Bx with sheared, mafic clast (15 cm); Ton 2 matrix described
278.00	278.90	0.90	443117	0.150	Silicified	2%	
From	To	Lithologic Group					
278.90	281.70	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
278.90	280.00	1.10	443118	0.093	Unaltered	0%	
280.00	281.70	1.70	443119	0.006	Unaltered	0%	
From	To	Lithologic Group					
281.70	283.05	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
281.70	283.05	1.35	443120	0.118	Silicified	2%	x
From	To	Lithologic Group					
283.05	284.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
283.05	284.00	0.95	443121	0.221	Silicified	2%	x
From	To	Lithologic Group					
284.00	287.00	Tonalite 2 Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
284.00	285.00	1.00	443122	0.266	Silicified	2%	x
285.00	286.00	1.00	443123	0.274	Silicified	10%	x
286.00	287.00	1.00	443124	0.461	Silicified	2%	x

From	To	Lithologic Group					
287.00	290.65	Tonalite 2					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
287.00	288.00	1.00	443125	0.064	Silicified	3%	x
288.00	289.00	1.00	443126	0.110	Silicified	2%	x
289.00	290.00	1.00	443127	0.179	Silicified	3%	x
290.00	290.65	0.65	443128	0.059	Silicified	2%	x
From	To	Lithologic Group					
290.65	295.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
290.65	292.00	1.35	443129	0.263	Silicified	5%	x
292.00	293.00	1.00	443131	0.197	Silicified	3%	x
293.00	294.00	1.00	443132	0.076	Silicified	5%	x
294.00	295.00	1.00	443133	0.282	Silicified	5%	x
From	To	Lithologic Group					
295.00	299.00	Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
295.00	296.00	1.00	443134	0.299	Silicified	3%	x
296.00	297.00	1.00	443135	0.048	Silicified	8%	x
297.00	298.00	1.00	443137	0.096	Silicified	5%	x
298.00	299.00	1.00	443138	0.099	Silicified	7%	x
From	To	Lithologic Group					
299.00	301.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
299.00	300.00	1.00	443139	0.072	Silicified	6%	x
300.00	301.00	1.00	443140	0.092	Silicified	4%	x
From	To	Lithologic Group					
301.00	305.00	Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
301.00	302.00	1.00	443141	0.093	Silicified	4%	x
302.00	303.00	1.00	443142	0.147	Silicified	9%	x
303.00	304.00	1.00	443143	0.226	Silicified	3%	x
304.00	305.00	1.00	443144	0.078	Silicified	5%	x
From	To	Lithologic Group					
305.00	316.80	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
305.00	306.00	1.00	443145	0.312	Silicified	35%	x
306.00	307.00	1.00	443146	0.102	Silicified	3%	x
307.00	308.00	1.00	443147	0.325	Silicified	5%	x
308.00	309.00	1.00	443149	0.102	Silicified	3%	x
309.00	310.00	1.00	443151	0.093	Silicified	3%	x small horn VN/Dyke

310.00	311.00	1.00	443152	0.196	Silicified	3%	x
311.00	312.00	1.00	443153	0.123	Sericitic alteration	5%	x
312.00	313.00	1.00	443154	0.452	Sericitic alteration	8%	x
313.00	314.00	1.00	443155	0.947	Silicified	4%	x
314.00	315.00	1.00	443156	0.226	Silicified	4%	x
315.00	316.00	1.00	443157	0.509	Silicified	6%	x
316.00	316.80	0.80	443158	0.313	Silicified	6%	x

From	To	Lithologic Group					
316.80	317.95	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
316.80	317.95	1.15	443159	0.478	Chloritic alteration	5%	x

From	To	Lithologic Group					
317.95	323.60	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
317.95	319.00	1.05	443161	0.949	Silicified	1%	x
319.00	320.00	1.00	443162	1.088	Silicified	1%	x
320.00	321.00	1.00	443163	1.099	Silicified	2%	x
321.00	322.00	1.00	443164	0.248	Silicified	3%	x
322.00	323.00	1.00	443165	0.127	Silicified	3%	x
323.00	323.60	0.60	443166	0.175	Silicified	3%	x

From	To	Lithologic Group					
323.60	324.40	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
323.60	324.40	0.80	443167	0.018	Chloritic alteration	1%	x

From	To	Lithologic Group					
324.40	326.25	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
324.40	325.25	0.85	443168	0.270	Silicified	12%	x
325.25	326.25	1.00	443169	0.088	Silicified	3%	x

From	To	Lithologic Group					
326.25	327.20	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
326.25	327.20	0.95	443171	0.014	Chloritic alteration	2%	x

From	To	Lithologic Group					
327.20	365.80	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
327.20	328.00	0.80	443173	0.085	Silicified	4%	x
328.00	329.05	1.05	443174	0.201	Silicified	6%	x
329.05	330.00	0.95	443175	0.235	Silicified	3%	x
330.00	331.00	1.00	443176	0.277	Silicified	4%	x
331.00	332.00	1.00	443177	0.479	Silicified	8%	x

332.00	333.00	1.00	443178	0.187	Silicified	5%	x
333.00	334.00	1.00	443179	0.131	Silicified	18%	x ton 2 ?
334.00	335.00	1.00	443180	0.607	Silicified	4%	x ton 2 ?
335.00	336.00	1.00	443181	0.217	Silicified	25%	x ton 2 ?
336.00	337.00	1.00	443182	0.405	Silicified	3%	x ton 2 ?
337.00	338.00	1.00	443183	0.679	Silicified	2%	x ton 2 ?
338.00	339.00	1.00	443185	0.864	Silicified	6%	x ton 2 ?
339.00	340.00	1.00	443186	1.648	Silicified	3%	x ton 2 ?
340.00	340.90	0.90	443187	0.937	Silicified	3%	x ton 2 ?
340.90	342.00	1.10	443188	0.226	Silicified	10%	x ton 2 ?
342.00	342.55	0.55	443189	0.088	Silicified	4%	x ton 2 ?
342.55	343.95	1.40	443191	0.029	Silicified	40%	x ton 2 ?
343.95	345.00	1.05	443192	0.939	Silicified	12%	x ton 2 ?
345.00	345.60	0.60	443193	0.400	Silicified	5%	x ton 2 ?
345.60	346.30	0.70	443194	0.031	Silicified	95%	x ton 2 ?
346.30	347.00	0.70	443195	0.289	Silicified	4%	x ton 2 ?
347.00	348.00	1.00	443197	0.270	Silicified	6%	x ton 2 ?
348.00	349.00	1.00	443198	0.126	Silicified	2%	x ton 2 ?
349.00	350.00	1.00	443199	0.702	Sericitic alteration	6%	x ton 2 ?
350.00	351.00	1.00	443200	0.537	Sericitic alteration	14%	x ton 2 ?
351.00	352.00	1.00	443201	0.498	Sericitic alteration	18%	x ton 2 ?
352.00	353.00	1.00	443202	1.294	Sericitic alteration	12%	x
353.00	354.00	1.00	443203	2.980	Sericitic alteration	8%	x
354.00	355.00	1.00	443204	7.370	Sericitic alteration	5%	x
355.00	356.00	1.00	443205	3.640	Sericitic alteration	5%	x
356.00	357.00	1.00	443206	0.368	Sericitic alteration	8%	x
357.00	358.00	1.00	443207	4.600	Sericitic alteration	4%	x
358.00	359.00	1.00	443208	1.488	Sericitic alteration	4%	x
359.00	360.00	1.00	443209	1.486	Sericitic alteration	5%	x
360.00	361.00	1.00	443211	1.439	Sericitic alteration	3%	x
361.00	362.00	1.00	443213	1.026	Sericitic alteration	3%	x
362.00	363.00	1.00	443214	0.713	Sericitic alteration	3%	x
363.00	364.00	1.00	443215	2.243	Sericitic alteration	5%	x
364.00	365.00	1.00	443216	0.520	Sericitic alteration	2%	x
365.00	365.80	0.80	443217	0.556	Sericitic alteration	5%	x

From	To	Lithologic Group	
365.80	367.50	Mafic Dyke	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
365.80	366.50	0.70	443218	0.009	Chloritic alteration	4%	x
366.50	367.50	1.00	443219	0.010	Chloritic alteration	4%	x

From	To	Lithologic Group					
367.50	400.20	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
367.50	369.00	1.50	443220	1.057	Sericitic alteration	5%	x
369.00	370.00	1.00	443221	0.887	Sericitic alteration	3%	x
370.00	371.00	1.00	443222	1.369	Sericitic alteration	3%	x
371.00	372.00	1.00	443223	1.944	Sericitic alteration	3%	x
372.00	373.00	1.00	443225	0.664	Sericitic alteration	2%	x
373.00	374.00	1.00	443226	2.940	Sericitic alteration	16%	x
374.00	375.00	1.00	443227	4.550	Sericitic alteration	2%	x
375.00	376.00	1.00	443228	1.367	Sericitic alteration	2%	x
376.00	377.00	1.00	443229	2.006	Sericitic alteration	2%	x
377.00	378.00	1.00	443231	1.618	Sericitic alteration	2%	x
378.00	379.00	1.00	443232	1.398	Sericitic alteration	6%	x
379.00	380.00	1.00	443233	0.864	Sericitic alteration	2%	x
380.00	381.00	1.00	443234	0.263	Sericitic alteration	2%	x
381.00	382.00	1.00	443235	0.220	Sericitic alteration	3%	x
382.00	383.00	1.00	443236	2.042	Sericitic alteration	4%	x
383.00	384.00	1.00	443237	0.120	Sericitic alteration	2%	x
384.00	385.00	1.00	443238	0.171	Sericitic alteration	2%	x
385.00	386.00	1.00	443239	0.251	Sericitic alteration	3%	x
386.00	387.00	1.00	443240	0.157	Sericitic alteration	4%	x
387.00	388.00	1.00	443241	8.320	Sericitic alteration	3%	x
388.00	389.00	1.00	443242	0.630	Sericitic alteration	10%	x
389.00	390.00	1.00	443243	0.317	Sericitic alteration	4%	x
390.00	391.00	1.00	443244	0.019	Sericitic alteration	4%	x
391.00	392.00	1.00	443245	0.256	Sericitic alteration	3%	x
392.00	393.00	1.00	443246	0.247	Sericitic alteration	2%	x
393.00	394.00	1.00	443247	0.693	Sericitic alteration	7%	x
394.00	395.00	1.00	443249	0.415	Sericitic alteration	2%	x
395.00	396.00	1.00	443251	0.122	Sericitic alteration	3%	x
396.00	397.00	1.00	443252	1.085	Sericitic alteration	2%	x
397.00	398.00	1.00	443253	0.506	Sericitic alteration	3%	x
398.00	399.00	1.00	443254	0.615	Sericitic alteration	2%	x
399.00	400.20	1.20	443255	0.083	Sericitic alteration	5%	x
From	To	Lithologic Group					
400.20	400.90	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
400.20	400.90	0.70	443256	0.216	Chloritic alteration	2%	x
From	To	Lithologic Group					
400.90	423.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments

400.90	402.00	1.10	443257	0.043	Sericitic alteration	4%	x
402.00	403.00	1.00	443258	0.195	Sericitic alteration	6%	x
403.00	404.00	1.00	443259	0.174	Sericitic alteration	3%	x
404.00	405.00	1.00	443261	0.397	Sericitic alteration	2%	x
405.00	406.00	1.00	443262	0.697	Sericitic alteration	2%	x
406.00	407.00	1.00	443263	0.056	Sericitic alteration	4%	x
407.00	408.00	1.00	443264	0.048	Sericitic alteration	3%	x
408.00	409.00	1.00	443265	0.134	Sericitic alteration	20%	x
409.00	410.00	1.00	443266	2.286	Sericitic alteration	3%	x
410.00	411.00	1.00	443267	0.266	Sericitic alteration	2%	x
411.00	412.00	1.00	443268	0.171	Sericitic alteration	4%	x
412.00	413.00	1.00	443269	1.055	Sericitic alteration	4%	x
413.00	414.00	1.00	443271	0.166	Sericitic alteration	3%	x
414.00	415.00	1.00	443273	0.865	Sericitic alteration	3%	x
415.00	416.00	1.00	443274	0.754	Sericitic alteration	2%	x
416.00	417.00	1.00	443275	0.792	Sericitic alteration	2%	x
417.00	418.00	1.00	443276	0.303	Sericitic alteration	2%	x
418.00	419.00	1.00	443278	0.254	Sericitic alteration	5%	x
419.00	420.00	1.00	443279	0.286	Sericitic alteration	12%	x
420.00	421.00	1.00	443280	0.487	Sericitic alteration	3%	x
421.00	422.00	1.00	443281	0.025	Sericitic alteration	6%	x
422.00	423.00	1.00	443282	0.271	Sericitic alteration	5%	x

DRILL HOLE REPORT

Drill Hole **GOS21-102** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -60.0
 Length 426.0 m
 Started 22-Sep-21
 Completed 13-Oct-21
 Logged 14-Oct-21
 Logged by Justin Bisailon

Company
 Contractor Chenier Drilling
 Position
 Bore Size NQ
 Sample Storage Klondike Lodge
 Casing STEEL
 Condition Capped

Survey Details:

Claim Number PAT-11117
 Property Chester
 Township CHESTER
 Spotted by
 Surveyed by
 Collar Orientation Reflex Single-shot Survey
 Coord Survey Tool GPS

Coordinates:

Target Easting 430783.63
 Comments UTM Datum NAD83 Northing 5267355.74
 UTM Zone 17 Elevation 394.92

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
15.0	329.18	-61.23	55141			45.0	329.43	-61.27	54740		
18.0	329.62	-61.20	54960			48.0	330.03	-60.78	54713		
21.0	329.39	-61.10	54853			51.0	330.07	-60.73	54677		
24.0	329.13	-61.05	54746			54.0	330.25	-60.69	54674		
27.0	329.79	-61.06	54809			57.0	330.07	-60.67	54707		
30.0	329.68	-61.04	54816			60.0	330.24	-60.61	54668		
33.0	329.73	-61.03	54777			63.0	329.99	-60.52	54714		
36.0	330.56	-60.99	54858			66.0	330.41	-60.52	54684		
39.0	329.52	-60.92	54645			69.0	330.47	-60.47	54689		
42.0	329.96	-60.88	54709			72.0	330.48	-60.43	54690		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
75.0	330.50	-60.40	54724		
78.0	330.54	-60.33	54723		
81.0	330.40	-60.29	54660		
84.0	330.55	-60.24	54574		
87.0	330.54	-60.21	54677		
90.0	330.81	-60.17	54659		
93.0	330.79	-60.16	54676		
96.0	330.87	-60.17	54656		
99.0	330.97	-60.12	54684		
102.0	331.17	-60.00	54676		
105.0	331.08	-59.90	54672		
108.0	331.14	-59.79	54652		
111.0	331.11	-59.66	54692		
114.0	331.13	-59.60	54671		
117.0	331.24	-59.54	54693		
120.0	331.16	-59.48	54708		
123.0	331.32	-59.39	54678		
126.0	331.28	-59.27	54645		
129.0	331.16	-59.18	54592		
132.0	331.52	-59.14	54822		
135.0	331.35	-59.03	54691		
138.0	331.47	-58.91	54723		
141.0	331.51	-58.81	54716		
144.0	331.58	-58.72	54653		
147.0	331.61	-58.61	54674		
150.0	331.31	-58.57	54703		
153.0	331.80	-58.43	54722		
156.0	331.89	-58.35	54739		
159.0	332.01	-58.29	54692		
162.0	331.90	-58.21	54693		
165.0	331.78	-58.18	54732		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
168.0	332.18	-58.09	54747		
171.0	332.10	-58.02	54718		
174.0	332.12	-57.93	54750		
177.0	332.14	-57.81	54745		
180.0	332.07	-57.72	54698		
183.0	332.51	-57.62	54767		
186.0	332.58	-57.53	54759		
189.0	332.20	-57.38	54505		
192.0	332.53	-57.32	54789		
195.0	332.53	-57.26	54382		
198.0	332.85	-57.13	54685		
201.0	332.80	-57.12	54736		
204.0	332.32	-57.73	54727		
207.0	332.97	-57.00	54702		
210.0	332.85	-56.93	54588		
213.0	333.28	-56.92	54721		
216.0	333.45	-56.94	54715		
219.0	333.57	-56.96	54735		
222.0	333.77	-56.97	54763		
225.0	333.88	-56.95	54761		
228.0	334.02	-56.94	54795		
231.0	333.98	-56.92	54789		
234.0	334.12	-56.89	54779		
237.0	334.11	-56.89	54772		
240.0	334.20	-56.87	54730		
243.0	334.32	-56.83	54665		
246.0	334.32	-56.81	54678		
249.0	334.64	-56.79	54679		
252.0	335.22	-56.77	54719		
255.0	334.37	-56.75	53637		
258.0	333.20	-56.70	54141		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
261.0	334.84	-56.71	54249		
264.0	334.57	-56.70	54920		
267.0	334.61	-56.68	54936		
273.0	330.82	-56.69	54985		
276.0	331.89	-56.69	54985		
279.0	331.10	-56.72	54729		
282.0	333.15	-56.75	55083		
285.0	332.93	-56.72	55243		
288.0	332.32	-56.73	54733		
291.0	330.43	-56.76	54997		
294.0	332.59	-56.76	54445		
297.0	332.35	-56.75	54887		
300.0	332.73	-56.72	56123		
303.0	331.79	-56.70	54759		
306.0	332.34	-56.67	54775		
309.0	334.44	-56.65	54538		
315.0	331.82	-56.56	55145		
318.0	332.72	-56.52	55446		
321.0	334.52	-56.49	55350		
324.0	332.95	-56.46	55270		
339.0	333.54	-56.38	55426		
342.0	332.51	-56.38	54881		
345.0	333.04	-56.35	54553		
348.0	334.91	-56.28	54153		
351.0	335.23	-56.22	54749		
354.0	335.22	-56.15	54697		
357.0	335.59	-56.10	54592		
360.0	335.63	-56.08	54757		
363.0	335.58	-56.04	54785		
366.0	335.15	-56.00	54838		
369.0	335.14	-55.97	54807		

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
372.0	335.22	-55.95	54773		
375.0	335.64	-55.93	54799		
378.0	335.12	-55.88	54779		
381.0	334.97	-55.86	54597		
384.0	335.56	-55.83	54817		
387.0	335.51	-55.79	54865		
390.0	335.53	-55.74	54794		
393.0	335.51	-55.70	54843		
396.0	335.20	-55.67	54644		
399.0	335.48	-55.64	54702		
402.0	335.44	-55.61	54750		
405.0	335.54	-55.59	54767		
408.0	335.59	-55.64	54824		
411.0	335.81	-55.60	54622		
414.0	336.12	-55.60	54779		
417.0	335.95	-55.55	54790		
420.0	336.01	-55.50	54528		
423.0	336.00	-55.50	54927		
426.0	335.58	-55.47	55113		

From 0.00	To 2.08	Lithologic Group Overburden					
From 2.08	To 63.64	Lithologic Group Tonalite					
From 0.00	To 2.08	Interval 2.08	Sample	Au g/t	Alteration Unaltered	%Veining 0%	Comments Overburden
From 2.08	To 3.00	Interval 0.92	Sample 446501	Au g/t 0.068	Alteration Sericitic alteration	%Veining 2%	Comments medium grained, massive, equigranular, light grey
3.00	3.98	0.98	446502	0.151	Sericitic alteration	5%	
3.98	5.23	1.25	446503	0.203	Sericitic alteration	5%	
5.23	6.00	0.77	446504	0.218	Sericitic alteration	5%	
6.00	6.58	0.58	446505	0.146	Sericitic alteration	6%	
6.58	7.89	1.31	446506	0.231	Sericitic alteration	35%	chl alt mtv
7.89	9.00	1.11	446507	0.998	Sericitic alteration	15%	
9.00	9.57	0.57	446508	0.122	Sericitic alteration	25%	
9.57	10.29	0.72	446509	9.210	Sericitic alteration	4%	
10.29	11.00	0.71	446511	12.900	Sericitic alteration	15%	VG in vein at 10.39m
11.00	12.00	1.00	446514	0.124	Sericitic alteration	3%	
12.00	13.00	1.00	446515	0.034	Silicified	2%	
13.00	14.00	1.00	446516	0.118	Sericitic alteration	4%	
14.00	15.00	1.00	446517	0.182	Sericitic alteration	2%	
15.00	16.03	1.03	446518	0.066	Silicified	4%	
16.03	16.97	0.94	446519	0.042	Silicified	5%	
16.97	18.00	1.03	446520	0.294	Silicified	4%	
18.00	19.06	1.06	446521	0.172	Sericitic alteration	8%	
19.06	20.00	0.94	446522	0.041	Sericitic alteration	4%	
20.00	21.00	1.00	446523	0.020	Sericitic alteration	2%	
21.00	22.00	1.00	446525	0.069	Sericitic alteration	2%	
22.00	23.00	1.00	446526	0.013	Sericitic alteration	2%	
23.00	24.00	1.00	446527	0.005	Sericitic alteration	2%	
24.00	25.00	1.00	446528	0.058	Sericitic alteration	4%	
25.00	26.00	1.00	446529	0.111	Sericitic alteration	4%	
26.00	27.00	1.00	446531	0.053	Sericitic alteration	6%	
27.00	27.99	0.99	446532	0.080	Sericitic alteration	4%	
27.99	29.00	1.01	446533	0.031	Sericitic alteration	13%	
29.00	30.00	1.00	446534	0.235	Sericitic alteration	4%	
30.00	31.00	1.00	446535	0.046	Sericitic alteration	4%	
31.00	32.00	1.00	446537	0.024	Sericitic alteration	4%	

32.00	33.00	1.00	446538	0.033	Sericitic alteration	4%
33.00	34.00	1.00	446539	0.020	Sericitic alteration	2%
34.00	35.02	1.02	446540	0.018	Sericitic alteration	3%
35.02	36.00	0.98	446541	0.012	Sericitic alteration	3%
36.00	37.00	1.00	446542	0.045	Sericitic alteration	2%
37.00	38.00	1.00	446543	0.041	Sericitic alteration	3%
38.00	39.00	1.00	446544	0.081	Sericitic alteration	4%
39.00	40.00	1.00	446545	0.012	Sericitic alteration	4%
40.00	41.00	1.00	446546	0.272	Sericitic alteration	3%
41.00	42.00	1.00	446547	0.074	Sericitic alteration	5%
42.00	43.00	1.00	446549	0.041	Sericitic alteration	5%
43.00	44.00	1.00	446551	0.032	Sericitic alteration	5%
44.00	45.00	1.00	446552	0.027	Sericitic alteration	5%
45.00	45.99	0.99	446553	0.043	Sericitic alteration	3%
45.99	47.00	1.01	446554	0.193	Silicified	5%
47.00	48.00	1.00	446555	0.017	Sericitic alteration	10%
48.00	49.00	1.00	446556	0.015	Sericitic alteration	6%
49.00	49.99	0.99	446557	0.035	Sericitic alteration	4%
49.99	51.00	1.01	446558	1.019	Sericitic alteration	4%
51.00	52.00	1.00	446559	0.058	Sericitic alteration	5%
52.00	53.00	1.00	446561	0.107	Sericitic alteration	7%
53.00	54.00	1.00	446562	0.013	Sericitic alteration	5%
54.00	55.00	1.00	446563	0.021	Silicified	4%
55.00	56.00	1.00	446564	0.828	Silicified	5%
56.00	57.00	1.00	446565	1.382	Silicified	3%
57.00	58.00	1.00	446566	0.029	Silicified	5%
58.00	59.00	1.00	446567	0.037	Silicified	3%
59.00	60.00	1.00	446568	0.248	Silicified	3%
60.00	61.01	1.01	446569	0.049	Sericitic alteration	2%
61.01	62.00	0.99	446571	0.030	Sericitic alteration	4%
62.00	63.00	1.00	446573	0.064	Sericitic alteration	3%
63.00	63.64	0.64	446574	0.048	Sericitic alteration	2%

From	To	Lithologic Group				
63.64	66.23	Mafic Dyke				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
63.64	65.00	1.36	446575	0.007	Sericitic alteration	1%	
65.00	66.23	1.23	446576	0.005	Sericitic alteration	10%	

From	To	Lithologic Group				
66.23	144.90	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
66.23	67.08	0.85	446577	0.452	Sericitic alteration	7%	
67.08	68.00	0.92	446578	0.086	Sericitic alteration	3%	

68.00	69.00	1.00	446579	0.084	Sericitic alteration	1%	
69.00	70.00	1.00	446580	0.227	Sericitic alteration	3%	
70.00	71.01	1.01	446581	7.450	Sericitic alteration	11%	
71.01	72.00	0.99	446583	0.198	Sericitic alteration	5%	
72.00	73.00	1.00	446585	0.039	Sericitic alteration	3%	Caitlin started logging
73.00	73.95	0.95	446586	0.042	Sericitic alteration	7%	
73.95	75.00	1.05	446587	0.140	Sericitic alteration	3%	
75.00	76.00	1.00	446588	0.078	Sericitic alteration	3%	
76.00	77.00	1.00	446589	0.236	Sericitic alteration	5%	
77.00	78.00	1.00	446591	0.310	Sericitic alteration	2%	
78.00	79.00	1.00	446592	0.348	Sericitic alteration	2%	
79.00	80.00	1.00	446593	0.579	Sericitic alteration	3%	
80.00	81.00	1.00	446594	0.437	Sericitic alteration	3%	
81.00	82.00	1.00	446595	0.082	Sericitic alteration	2%	
82.00	83.00	1.00	446597	0.165	Sericitic alteration	2%	
83.00	84.00	1.00	446598	0.069	Sericitic alteration	1%	
84.00	85.00	1.00	446599	0.041	Sericitic alteration	4%	
85.00	86.00	1.00	446600	0.085	Sericitic alteration	1%	
86.00	87.00	1.00	446601	0.220	Sericitic alteration	2%	
87.00	88.00	1.00	446602	0.213	Silicified	2%	
88.00	89.00	1.00	446603	0.778	Silicified	3%	
89.00	90.00	1.00	446604	0.113	Silicified	2%	
90.00	91.00	1.00	446605	0.046	Sericitic alteration	1%	
91.00	92.00	1.00	446606	0.080	Sericitic alteration	1%	
92.00	93.00	1.00	446607	0.147	Sericitic alteration	1%	
93.00	94.00	1.00	446608	1.947	Sericitic alteration	1%	
94.00	95.00	1.00	446609	0.649	Sericitic alteration	1%	
95.00	95.60	0.60	446611	0.059	Sericitic alteration	1%	
95.60	97.00	1.40	446613	0.027	Sericitic alteration	3%	
97.00	98.00	1.00	446614	0.008	Sericitic alteration	6%	
98.00	99.00	1.00	446615	0.013	Sericitic alteration	5%	
99.00	100.00	1.00	446616	0.019	Sericitic alteration	1%	
100.00	101.00	1.00	446617	0.056	Sericitic alteration	1%	
101.00	102.00	1.00	446618	0.013	Sericitic alteration	2%	
102.00	103.00	1.00	446619	0.042	Sericitic alteration	4%	
103.00	104.00	1.00	446620	0.018	Sericitic alteration	2%	
104.00	105.00	1.00	446621	0.026	Sericitic alteration	1%	
105.00	106.00	1.00	446622	0.022	Sericitic alteration	2%	
106.00	107.00	1.00	446623	0.025	Sericitic alteration	2%	
107.00	108.00	1.00	446625	0.075	Sericitic alteration	2%	
108.00	109.25	1.25	446626	0.050	Sericitic alteration	5%	sample is 50% rubble/broken core; late breccia infilled with qtz-carb-chl

109.25	110.00	0.75	446627	0.152	Sericitic alteration	3%	
110.00	111.00	1.00	446628	0.016	Sericitic alteration	5%	
111.00	112.00	1.00	446629	0.062	Sericitic alteration	2%	
112.00	113.00	1.00	446631	0.005	Sericitic alteration	10%	
113.00	114.00	1.00	446632	0.033	Sericitic alteration	1%	
114.00	115.00	1.00	446633	0.008	Sericitic alteration	3%	
115.00	116.00	1.00	446634	0.017	Sericitic alteration	3%	
116.00	117.00	1.00	446635	1.020	Sericitic alteration	3%	
117.00	118.00	1.00	446637	0.019	Sericitic alteration	2%	
118.00	119.00	1.00	446638	0.165	Sericitic alteration	15%	
119.00	120.00	1.00	446639	0.268	Sericitic alteration	5%	
120.00	121.00	1.00	446640	0.045	Sericitic alteration	3%	
121.00	122.00	1.00	446641	0.073	Sericitic alteration	10%	
122.00	123.00	1.00	446642	0.464	Sericitic alteration	7%	
123.00	124.00	1.00	446643	0.059	Sericitic alteration	5%	
124.00	125.00	1.00	446644	0.030	Sericitic alteration	10%	
125.00	125.75	0.75	446645	0.037	Sericitic alteration	1%	
125.75	127.00	1.25	446646	0.487	Sericitic alteration	17%	
127.00	128.00	1.00	446647	0.030	Sericitic alteration	1%	
128.00	129.00	1.00	446649	0.092	Sericitic alteration	6%	
129.00	129.90	0.90	446651	0.080	Sericitic alteration	3%	
129.90	131.00	1.10	446652	0.024	Sericitic alteration	3%	
131.00	132.00	1.00	446653	0.034	Sericitic alteration	5%	
132.00	133.00	1.00	446654	0.030	Sericitic alteration	3%	
133.00	134.00	1.00	446655	0.021	Sericitic alteration	3%	
134.00	135.00	1.00	446656	2.789	Sericitic alteration	3%	
135.00	136.00	1.00	446657	0.487	Sericitic alteration	1%	
136.00	137.00	1.00	446658	0.103	Sericitic alteration	3%	
137.00	138.00	1.00	446659	8.860	Sericitic alteration	3%	
138.00	139.00	1.00	446661	12.100	Sericitic alteration	2%	
139.00	140.00	1.00	446662	0.242	Sericitic alteration	1%	
140.00	141.00	1.00	446663	0.584	Sericitic alteration	2%	
141.00	142.00	1.00	446664	0.217	Sericitic alteration	2%	
142.00	143.00	1.00	446665	0.100	Sericitic alteration	5%	
143.00	144.00	1.00	446666	0.146	Sericitic alteration	1%	
144.00	144.90	0.90	446667	0.168	Sericitic alteration	2%	shallow lower contact

From	To	Lithologic Group					
144.90	148.50	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
144.90	146.00	1.10	446668	0.028	Biotitic alteration	3%	dark brown-green, fine to medium grained, locally weakly magnetic, massive
146.00	147.00	1.00	446669	0.018	Biotitic alteration	3%	

147.00	148.50	1.50	446671	0.025	Biotitic alteration	2%	
From	To		Lithologic Group				
148.50	149.60		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
148.50	149.60	1.10	446673	0.043	Biotitic alteration	3%	medium to coarse grained, qtz phyric, dark brown-green, non magnetic
From	To		Lithologic Group				
149.60	151.40		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
149.60	150.46	0.86	446674	0.083	Silicified	2%	
150.46	151.40	0.94	446675	0.205	Silicified	1%	
From	To		Lithologic Group				
151.40	153.05		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
151.40	153.05	1.65	446676	0.114	Chloritic alteration	1%	
From	To		Lithologic Group				
153.05	158.10		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
153.05	154.00	0.95	446677	0.233	Silicified	2%	
154.00	155.00	1.00	446678	0.114	Silicified	3%	
155.00	156.00	1.00	446679	0.300	Silicified	3%	
156.00	157.00	1.00	446680	0.137	Silicified	2%	
157.00	158.10	1.10	446681	0.067	Silicified	2%	
From	To		Lithologic Group				
158.10	159.00		Diorite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
158.10	159.00	0.90	446682	0.117	Chloritic alteration	5%	20% dm scale tonalite fragments in DR matrix
From	To		Lithologic Group				
159.00	159.90		Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
159.00	159.90	0.90	446683	0.225	Chloritic alteration	1%	
From	To		Lithologic Group				
159.90	160.70		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
159.90	160.70	0.80	446685	0.083	Chloritic alteration	1%	
From	To		Lithologic Group				
160.70	161.50		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
160.70	161.50	0.80	446686	0.100	Silicified	2%	

From	To	Lithologic Group					
161.50	162.25	Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
161.50	162.25	0.75	446687	0.088	Chloritic alteration	1%	20% dm scale tonalite fragments in DR matrix
From	To	Lithologic Group					
162.25	163.45	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
162.25	163.45	1.20	446688	1.034	Chloritic alteration	2%	
From	To	Lithologic Group					
163.45	166.40	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
163.45	165.00	1.55	446689	0.196	Silicified	3%	
165.00	166.40	1.40	446691	1.483	Silicified	5%	
From	To	Lithologic Group					
166.40	168.00	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
166.40	168.00	1.60	446692	0.018	Chloritic alteration	1%	
From	To	Lithologic Group					
168.00	169.00	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
168.00	169.00	1.00	446693	0.828	Chloritic alteration	3%	
From	To	Lithologic Group					
169.00	172.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
169.00	170.00	1.00	446694	0.178	Silicified	3%	
170.00	171.00	1.00	446695	0.338	Silicified	3%	
171.00	172.00	1.00	446697	0.033	Silicified	4%	
From	To	Lithologic Group					
172.00	173.00	Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
172.00	173.00	1.00	446698	0.034	Chloritic alteration	3%	30% DR matrix; low angle
From	To	Lithologic Group					
173.00	175.50	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
173.00	174.00	1.00	446699	2.105	Silicified	5%	
174.00	175.50	1.50	446700	0.302	Silicified	7%	
From	To	Lithologic Group					
175.50	176.15	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
175.50	176.15	0.65	446701	0.112	Chloritic alteration	50%	

From	To	Lithologic Group					
176.15	190.55	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
176.15	177.00	0.85	446702	0.029	Silicified	7%	
177.00	178.00	1.00	446703	0.079	Silicified	2%	
178.00	179.00	1.00	446704	0.240	Silicified	4%	
179.00	180.00	1.00	446705	0.127	Silicified	15%	
180.00	181.00	1.00	446706	0.250	Silicified	5%	
181.00	182.00	1.00	446707	0.171	Silicified	5%	
182.00	183.00	1.00	446708	0.360	Silicified	3%	
183.00	183.95	0.95	446709	0.172	Silicified	2%	
183.95	185.00	1.05	446711	0.037	Sericitic alteration	3%	
185.00	186.00	1.00	446713	0.098	Sericitic alteration	2%	
186.00	187.00	1.00	446714	0.084	Sericitic alteration	1%	
187.00	188.00	1.00	446715	0.072	Sericitic alteration	1%	
188.00	189.00	1.00	446716	0.048	Sericitic alteration	1%	
189.00	190.55	1.55	446717	0.567	Sericitic alteration	1%	
From	To	Lithologic Group					
190.55	216.50	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
190.55	192.00	1.45	446718	4.220	Chloritic alteration	22%	
192.00	193.00	1.00	446719	0.150	Chloritic alteration	3%	
193.00	194.00	1.00	446720	0.010	Chloritic alteration	1%	
194.00	195.00	1.00	446721	0.030	Chloritic alteration	35%	
195.00	196.00	1.00	446722	0.055	Chloritic alteration	0%	
196.00	197.00	1.00	446723	0.284	Chloritic alteration	7%	
197.00	198.00	1.00	446725	0.576	Biotitic alteration	3%	
198.00	199.00	1.00	446726	0.092	Biotitic alteration	12%	
199.00	200.00	1.00	446727	0.120	Biotitic alteration	2%	
200.00	201.00	1.00	446728	0.066	Biotitic alteration	3%	
201.00	202.00	1.00	446729	2.650	Biotitic alteration	15%	
202.00	203.00	1.00	446731	0.026	Biotitic alteration	5%	
203.00	204.00	1.00	446732	0.685	Biotitic alteration	5%	
204.00	205.00	1.00	446733	0.170	Biotitic alteration	5%	
205.00	206.00	1.00	446734	0.942	Biotitic alteration	3%	
206.00	207.00	1.00	446735	0.064	Biotitic alteration	2%	
207.00	208.00	1.00	446737	0.124	Biotitic alteration	3%	
208.00	209.00	1.00	446738	0.013	Biotitic alteration	1%	
209.00	210.00	1.00	446739	0.037	Biotitic alteration	3%	
210.00	211.00	1.00	446740	0.024	Chloritic alteration	2%	
211.00	212.00	1.00	446741	0.006	Chloritic alteration	2%	
212.00	213.00	1.00	446742	0.021	Chloritic alteration	5%	

213.00	214.50	1.50	446743	0.016	Chloritic alteration	5%	
214.50	215.50	1.00	446744	0.029	Chloritic alteration	1%	
215.50	216.50	1.00	446745	0.359	Chloritic alteration	1%	
From	To		Lithologic Group				
216.50	218.85		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
216.50	217.50	1.00	446746	0.783	Chloritic alteration	3%	
217.50	218.85	1.35	446747	0.962	Chloritic alteration	1%	
From	To		Lithologic Group				
218.85	220.20		Diorite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
218.85	220.20	1.35	446749	0.143	Silicified	3%	30% DR matrix
From	To		Lithologic Group				
220.20	225.85		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
220.20	221.45	1.25	446751	0.037	Silicified	2%	
221.45	222.50	1.05	446752	0.387	Silicified	2%	
222.50	223.50	1.00	446753	0.288	Silicified	2%	
223.50	224.50	1.00	446754	0.245	Silicified	5%	
224.50	225.85	1.35	446755	0.456	Silicified	2%	
From	To		Lithologic Group				
225.85	229.50		Quartz diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
225.85	226.50	0.65	446756	0.320	Chloritic alteration	1%	
226.50	227.50	1.00	446757	0.128	Chloritic alteration	1%	
227.50	228.50	1.00	446758	0.368	Chloritic alteration	3%	
228.50	229.50	1.00	446759	0.377	Chloritic alteration	1%	
From	To		Lithologic Group				
229.50	248.35		Diorite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
229.50	230.50	1.00	446761	0.016	Chloritic alteration	1%	
230.50	231.50	1.00	446762	0.055	Chloritic alteration	1%	
231.50	232.50	1.00	446763	0.005	Chloritic alteration	1%	
232.50	233.50	1.00	446764	0.009	Chloritic alteration	1%	
233.50	234.50	1.00	446765	0.092	Chloritic alteration	1%	
234.50	235.50	1.00	446766	0.081	Chloritic alteration	7%	
235.50	236.50	1.00	446767	0.015	Chloritic alteration	3%	
236.50	238.00	1.50	446768	0.295	Chloritic alteration	15%	
238.00	239.50	1.50	446769	0.005	Chloritic alteration	25%	
239.50	240.50	1.00	446771	1.159	Chloritic alteration	1%	
240.50	241.50	1.00	446773	0.678	Chloritic alteration	2%	
241.50	242.50	1.00	446774	1.340	Chloritic alteration	5%	

242.50	243.50	1.00	446775	1.494	Chloritic alteration	1%
243.50	244.50	1.00	446776	0.153	Chloritic alteration	1%
244.50	245.65	1.15	446777	0.721	Chloritic alteration	2%
245.65	246.55	0.90	446778	0.129	Chloritic alteration	5%
246.55	247.40	0.85	446779	0.277	Chloritic alteration	1%
247.40	248.35	0.95	446780	0.034	Chloritic alteration	3%

From	To	Lithologic Group				
248.35	254.00	Diabase				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
248.35	249.50	1.15	446781	0.005	Unaltered	0%	
249.50	251.00	1.50	446782	0.005	Unaltered	0%	
251.00	252.50	1.50	446783	0.005	Unaltered	1%	
252.50	254.00	1.50	446785	0.005	Unaltered	1%	

From	To	Lithologic Group				
254.00	258.40	Fault Zone				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
254.00	255.50	1.50	446786	0.010	Carbonate Altered	0%	angular fragments (cm - dm) of DIA and DR in dark, carbonate-rich matrix.
255.50	257.00	1.50	446787	0.005	Carbonate Altered	0%	angular fragments (cm - dm) of DIA and DR in dark, carbonate-rich matrix.
257.00	258.40	1.40	446788	0.005	Carbonate Altered	0%	angular fragments (cm - dm) of DIA and DR in dark, carbonate-rich matrix.

From	To	Lithologic Group				
258.40	316.80	Diabase				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
258.40	260.00	1.60	446789	0.005	Unaltered	1%	
260.00	261.50	1.50	446791	0.005	Unaltered	0%	
261.50	313.80	52.30			Unaltered		
313.80	315.30	1.50	446792	0.005	Unaltered	1%	
315.30	316.80	1.50	446793	0.008	Unaltered	2%	

From	To	Lithologic Group				
316.80	318.25	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
316.80	318.25	1.45	446794	0.342	Hematitic alteration	3%	

From	To	Lithologic Group				
318.25	327.15	Diabase				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
318.25	319.50	1.25	446795	0.006	Unaltered	0%	
319.50	321.00	1.50	446797	0.006	Unaltered	0%	
321.00	322.50	1.50	446798	0.009	Unaltered	2%	

322.50	324.00	1.50	446799	0.005	Unaltered	0%	
324.00	325.50	1.50	446800	0.015	Unaltered	0%	
325.50	327.15	1.65	446801	0.008	Unaltered	5%	30% rubble
From 327.15	To 330.35	Lithologic Group Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
327.15	328.50	1.35	446802	0.359	Silicified	3%	
328.50	329.50	1.00	446803	0.478	Silicified	2%	
329.50	330.35	0.85	446804	0.898	Silicified	3%	shallow angle lower contact
From 330.35	To 335.05	Lithologic Group Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
330.35	331.50	1.15	446805	0.054	Unaltered	0%	
331.50	333.00	1.50	446806	0.005	Unaltered	0%	
333.00	334.50	1.50	446807	0.005	Unaltered	2%	
334.50	335.05	0.55	446808	0.005	Unaltered	1%	
From 335.05	To 347.15	Lithologic Group Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
335.05	336.50	1.45	446809	0.231	Silicified	3%	30% rubble
336.50	337.50	1.00	446811	0.125	Silicified	5%	20 cm DIA dyke
337.50	338.55	1.05	446813	0.454	Silicified	5%	
338.55	339.50	0.95	446814	0.211	Silicified	3%	
339.50	340.50	1.00	446815	0.057	Silicified	1%	
340.50	341.50	1.00	446816	0.192	Silicified	1%	
341.50	342.50	1.00	446817	0.302	Silicified	3%	
342.50	343.50	1.00	446818	0.153	Silicified	2%	
343.50	344.50	1.00	446819	0.147	Silicified	1%	
344.50	345.50	1.00	446820	0.232	Silicified	1%	
345.50	346.50	1.00	446821	0.570	Silicified	7%	
346.50	347.15	0.65	446822	0.504	Silicified	3%	20 cm DIA
From 347.15	To 348.10	Lithologic Group Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
347.15	348.10	0.95	446823	0.006	Unaltered	5%	
From 348.10	To 382.25	Lithologic Group Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
348.10	349.50	1.40	446825	1.629	Silicified	3%	25 cm MafDk
349.50	350.50	1.00	446826	1.782	Silicified	5%	
350.50	351.65	1.15	446827	1.901	Silicified	10%	
351.65	352.50	0.85	446828	1.657	Silicified	2%	

352.50	353.50	1.00	446829	0.819	Silicified	2%	
353.50	354.50	1.00	446831	0.475	Silicified	1%	
354.50	355.50	1.00	446832	0.467	Silicified	1%	
355.50	356.50	1.00	446833	0.478	Silicified	1%	
356.50	357.50	1.00	446834	0.138	Silicified	1%	
357.50	358.50	1.00	446835	0.739	Hematitic alteration	2%	
358.50	359.50	1.00	446837	0.214	Silicified	1%	
359.50	360.50	1.00	446838	1.128	Silicified	1%	
360.50	361.50	1.00	446839	0.508	Silicified	1%	
361.50	362.40	0.90	446840	0.905	Silicified	5%	
362.40	363.50	1.10	446841	0.389	Silicified	1%	
363.50	364.50	1.00	446842	0.538	Silicified	1%	
364.50	365.50	1.00	446843	0.422	Silicified	1%	
365.50	366.50	1.00	446844	0.466	Silicified	2%	
366.50	367.50	1.00	446845	0.272	Silicified	1%	
367.50	368.35	0.85	446846	0.254	Silicified	1%	
368.35	369.50	1.15	446847	0.852	Silicified	1%	
369.50	370.50	1.00	446849	0.113	Silicified	1%	
370.50	371.43	0.93	446851	0.271	Silicified	1%	
371.43	372.65	1.22	446852	1.202	Silicified	4%	2 short MafDk (total 50 cm)
372.65	373.50	0.85	446853	0.445	Silicified	1%	
373.50	374.50	1.00	446854	0.554	Silicified	1%	
374.50	375.50	1.00	446855	0.364	Silicified	1%	
375.50	376.50	1.00	446856	0.278	Silicified	1%	
376.50	377.50	1.00	446857	0.130	Silicified	7%	
377.50	378.50	1.00	446858	0.221	Silicified	3%	
378.50	379.50	1.00	446859	0.302	Silicified	5%	
379.50	380.50	1.00	446861	0.408	Silicified	1%	
380.50	381.50	1.00	446862	0.186	Silicified	3%	
381.50	382.25	0.75	446863	0.113	Silicified	10%	

From	To	Lithologic Group	
382.25	383.50	Mafic Dyke	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
382.25	383.50	1.25	446864	0.052	Chloritic alteration	5%	

From	To	Lithologic Group	
383.50	404.80	Tonalite	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
383.50	384.50	1.00	446865	60.200	Silicified	5%	VN04 subparallel TCA
384.50	385.50	1.00	446866	4.930	Silicified	5%	VN04 subparallel TCA
385.50	386.10	0.60	446867	1.342	Silicified	3%	VN04 subparallel TCA
386.10	387.50	1.40	446868	0.452	Silicified	2%	
387.50	388.50	1.00	446869	0.208	Silicified	2%	

388.50	389.50	1.00	446871	0.146	Silicified	5%	
389.50	390.50	1.00	446873	0.280	Silicified	2%	
390.50	391.50	1.00	446874	0.290	Silicified	1%	
391.50	392.50	1.00	446875	0.224	Silicified	1%	
392.50	393.50	1.00	446876	0.322	Silicified	1%	
393.50	394.50	1.00	446877	0.500	Silicified	1%	
394.50	395.50	1.00	446878	0.832	Silicified	1%	
395.50	396.50	1.00	446879	0.290	Sericitic alteration	30%	
396.50	397.50	1.00	446880	0.901	Silicified	3%	
397.50	398.50	1.00	446881	0.763	Silicified	2%	
398.50	399.50	1.00	446882	0.502	Silicified	2%	
399.50	400.50	1.00	446883	0.189	Silicified	1%	
400.50	401.50	1.00	446885	0.423	Silicified	1%	
401.50	402.50	1.00	446886	0.888	Silicified	1%	
402.50	403.50	1.00	446887	0.522	Silicified	2%	10 cm MafDk
403.50	404.80	1.30	446888	0.585	Silicified	2%	25 cm MafDk

From	To	Lithologic Group					
404.80	407.85	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
404.80	406.30	1.50	446889	0.026	Chloritic alteration	5%	
406.30	407.85	1.55	446891	0.075	Chloritic alteration	5%	15 cm Ton

From	To	Lithologic Group					
407.85	420.15	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
407.85	408.50	0.65	446892	0.433	Silicified	3%	
408.50	409.50	1.00	446893	0.479	Silicified	2%	
409.50	410.50	1.00	446894	4.140	Sericitic alteration	7%	
410.50	411.50	1.00	446896	2.799	Sericitic alteration	2%	
411.50	412.50	1.00	446897	0.629	Sericitic alteration	2%	
412.50	413.50	1.00	446898	0.196	Sericitic alteration	1%	
413.50	414.50	1.00	446899	0.625	Sericitic alteration	1%	
414.50	415.50	1.00	446900	0.338	Sericitic alteration	1%	
415.50	416.50	1.00	446901	1.809	Sericitic alteration	2%	
416.50	417.50	1.00	446902	0.774	Sericitic alteration	1%	
417.50	418.50	1.00	446903	1.053	Sericitic alteration	1%	
418.50	419.30	0.80	446904	0.973	Sericitic alteration	1%	in situ breccia (tectonic?) in last 50 cm
419.30	420.15	0.85	446905	0.286	Chloritic alteration	1%	faulted? Possible gouge;

From	To	Lithologic Group					
420.15	421.90	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
420.15	421.00	0.85	446906	0.018	Chloritic alteration	2%	

421.00	421.90	0.90	446907	0.052	Chloritic alteration	2%	
From	To		Lithologic Group				
421.90	422.90		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
421.90	422.90	1.00	446908	0.550	Silicified	1%	
From	To		Lithologic Group				
422.90	424.90		Lamprophyre Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
422.90	423.90	1.00	446909	0.008	Biotitic alteration	1%	
423.90	424.90	1.00	446911	0.020	Biotitic alteration	5%	
From	To		Lithologic Group				
424.90	425.55		Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
424.90	425.55	0.65	446913	0.066	Silicified	2%	
From	To		Lithologic Group				
425.55	426.00		Lamprophyre Dyke				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
425.55	426.00	0.45	446914	0.005	Biotitic alteration	2%	EOH

DRILL HOLE REPORT

Drill Hole **GOS21-103** Project **Gosselin** Cost Code **234**

Drilling Details:

Azimuth 330.0
 Dip -60.0
 Length 555.0 m
 Started 27-Sep-21
 Completed 09-Oct-21
 Logged 18-Oct-21
 Logged by Justin Bisailon

Company
 Contractor Chenier Drilling
 Position
 Bore Size BQTK
 Sample Storage Klondike Lodge
 Casing NONE
 Condition Cemented

Survey Details:

Claim Number MLO-10659
 Property Chester
 Township CHESTER
 Spotted by
 Surveyed by
 Collar Orientation Reflex Multi-shot Survey
 Coord Survey Tool DGPS

Coordinates:

Target Easting 431494.60
 Comments UTM Datum NAD83 Northing 5267766.10
 UTM Zone 17 Elevation 381.11

Downhole Survey:

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence	Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
30.0	330.39	-65.13				63.0	329.89	-65.00			
33.0	330.34	-65.11				66.0	330.29	-64.45			
36.0	330.26	-65.17				69.0	329.03	-65.21			
39.0	329.95	-65.15				72.0	329.79	-64.93			
42.0	330.22	-65.12				75.0	329.78	-64.87			
48.0	330.14	-65.03				78.0	328.35	-64.88			
51.0	330.07	-65.02				81.0	329.03	-64.89			
54.0	330.08	-65.00				99.0	328.83	-64.95			
57.0	330.14	-64.97				117.0	328.50	-64.95			
60.0	330.07	-64.91				120.0	328.79	-64.94			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
123.0	329.14	-64.90			
126.0	329.24	-64.89			
129.0	329.30	-64.90			
132.0	329.25	-64.86			
135.0	329.30	-64.86			
138.0	329.13	-64.85			
141.0	329.08	-64.84			
144.0	328.98	-64.84			
147.0	328.93	-64.81			
150.0	329.14	-64.81			
153.0	329.07	-64.81			
156.0	328.91	-64.86			
159.0	328.71	-64.86			
162.0	328.77	-64.83			
165.0	328.82	-64.82			
168.0	328.66	-64.81			
171.0	328.70	-64.79			
174.0	328.61	-64.81			
177.0	328.61	-64.79			
180.0	328.63	-64.76			
183.0	328.51	-64.77			
186.0	328.61	-64.77			
189.0	328.59	-64.84			
192.0	328.50	-64.82			
195.0	328.46	-64.82			
198.0	328.56	-64.79			
201.0	328.62	-64.78			
204.0	328.50	-64.77			
207.0	328.50	-64.76			
210.0	328.43	-64.75			
213.0	328.53	-64.77			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
216.0	328.62	-64.78			
219.0	328.64	-64.76			
222.0	328.68	-64.80			
225.0	328.69	-64.83			
228.0	328.67	-64.84			
231.0	328.68	-64.85			
234.0	328.67	-64.86			
237.0	328.53	-64.87			
240.0	328.56	-64.86			
243.0	328.44	-64.89			
246.0	328.48	-64.78			
249.0	328.65	-64.82			
252.0	328.56	-64.67			
255.0	328.73	-64.67			
258.0	329.06	-64.60			
261.0	329.41	-64.52			
264.0	329.71	-64.56			
267.0	329.84	-64.53			
270.0	329.89	-64.49			
273.0	329.74	-64.46			
276.0	329.61	-64.58			
279.0	329.13	-64.43			
282.0	329.16	-64.32			
285.0	329.30	-64.23			
288.0	329.43	-64.27			
291.0	329.50	-64.21			
294.0	329.50	-64.17			
297.0	329.26	-64.16			
300.0	329.22	-64.18			
303.0	329.06	-64.25			
306.0	328.99	-64.23			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
309.0	328.67	-64.20			
312.0	328.71	-64.21			
315.0	328.69	-64.19			
318.0	328.85	-64.19			
321.0	328.83	-64.12			
324.0	328.80	-64.09			
327.0	328.83	-64.05			
330.0	329.06	-64.01			
333.0	329.18	-63.98			
336.0	329.13	-63.99			
339.0	329.05	-63.98			
342.0	329.03	-63.96			
345.0	329.04	-63.94			
348.0	329.19	-63.96			
351.0	329.15	-63.96			
354.0	329.30	-64.00			
357.0	329.19	-64.02			
360.0	329.22	-64.00			
363.0	329.23	-63.97			
366.0	329.33	-63.92			
369.0	329.38	-63.89			
372.0	329.34	-63.90			
375.0	329.33	-63.84			
378.0	329.48	-63.84			
381.0	329.64	-63.93			
384.0	329.54	-63.93			
387.0	329.61	-63.90			
390.0	329.69	-63.88			
393.0	329.72	-63.87			
396.0	329.32	-63.85			
399.0	329.49	-63.83			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
402.0	328.78	-63.79			
405.0	328.97	-63.77			
408.0	328.86	-63.77			
411.0	329.71	-63.74			
414.0	329.69	-63.72			
417.0	329.69	-63.71			
420.0	329.88	-63.70			
423.0	329.89	-63.69			
426.0	329.89	-63.67			
429.0	329.83	-63.65			
432.0	329.70	-63.66			
435.0	329.82	-63.63			
438.0	329.81	-63.62			
441.0	329.88	-63.60			
444.0	329.92	-63.55			
447.0	330.29	-63.51			
453.0	329.71	-63.50			
456.0	329.77	-63.45			
459.0	329.83	-63.44			
462.0	329.91	-63.37			
465.0	330.07	-63.31			
468.0	329.83	-63.34			
471.0	330.06	-63.35			
474.0	330.67	-63.30			
477.0	330.19	-63.32			
480.0	330.47	-63.35			
483.0	330.08	-63.28			
486.0	329.46	-63.24			
489.0	328.95	-63.20			
492.0	328.52	-63.23			
495.0	330.38	-63.22			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
498.0	328.00	-63.18			
501.0	330.92	-63.09			
513.0	328.98	-62.99			
516.0	329.33	-62.96			
519.0	329.99	-62.94			
522.0	327.93	-62.89			
525.0	327.41	-62.91			
528.0	329.49	-62.92			
531.0	328.86	-62.94			
534.0	330.43	-62.90			
537.0	329.23	-62.87			
540.0	329.73	-62.85			
543.0	330.41	-62.84			
546.0	329.97	-62.85			
549.0	330.26	-62.84			
552.0	329.92	-62.84			
555.0	330.19	-62.81			

Distance	Azimuth	Dip	Magnetic Field	Tool	Confidence
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From	To	Lithologic Group					
0.00	21.00	Overburden					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
0.00	21.00	21.00			Unaltered	0%	Overburden
From	To	Lithologic Group					
21.00	27.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
21.00	22.00	1.00	262251	0.117	Sericitic alteration	0%	medium grained, massive, equigranular, light grey
22.00	23.00	1.00	262252	0.266	Sericitic alteration	0%	
23.00	24.00	1.00	262253	0.507	Sericitic alteration	1%	
24.00	25.00	1.00	262254	0.193	Sericitic alteration	1%	
25.00	25.98	0.98	262255	2.321	Sericitic alteration	3%	
25.98	27.00	1.02	262256	0.024	Sericitic alteration	4%	20% Dr dike
From	To	Lithologic Group					
27.00	29.05	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
27.00	27.60	0.60	262257	0.062	Chloritic alteration	10%	fine grained, massive, inequigranular (pyrite), dark greenish grey
27.60	29.05	1.45	262258	0.094	Chloritic alteration	6%	
From	To	Lithologic Group					
29.05	41.92	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
29.05	30.00	0.95	262259	0.140	Silicified	3%	medium grained, massive, equigranular, light grey
30.00	31.00	1.00	262261	0.183	Silicified	3%	
31.00	32.00	1.00	262262	0.168	Silicified	3%	
32.00	33.00	1.00	262263	0.315	Silicified	1%	
33.00	34.00	1.00	262264	0.118	Silicified	2%	
34.00	35.00	1.00	262265	0.108	Silicified	1%	
35.00	35.94	0.94	262266	0.361	Silicified	2%	
35.94	37.00	1.06	262267	0.173	Silicified	3%	
37.00	38.00	1.00	262268	0.255	Chloritic alteration	3%	
38.00	39.00	1.00	262269	0.131	Chloritic alteration	2%	
39.00	40.04	1.04	262271	0.310	Silicified	3%	
40.04	41.00	0.96	262273	0.238	Silicified	2%	
41.00	41.92	0.92	262274	0.160	Silicified	4%	

From	To	Lithologic Group					
41.92	45.50	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
41.92	43.03	1.11	262275	0.087	Chloritic alteration	2%	fine to medium grained, equigranular, dark greenish grey
43.03	44.00	0.97	262276	0.116	Chloritic alteration	5%	
44.00	45.50	1.50	262277	0.307	Chloritic alteration	6%	coarse grained intrusions cutting Dr
From	To	Lithologic Group					
45.50	54.49	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
45.50	47.00	1.50	262278	0.467	Silicified	11%	medium grained, massive, equigranular, light grey
47.00	48.00	1.00	262279	0.331	Silicified	2%	
48.00	49.00	1.00	262280	0.164	Silicified	2%	
49.00	50.00	1.00	262281	0.150	Chloritic alteration	4%	
50.00	51.00	1.00	262282	0.117	Chloritic alteration	1%	
51.00	52.00	1.00	262283	0.115	Silicified	2%	
52.00	53.00	1.00	262285	0.160	Silicified	1%	
53.00	54.49	1.49	262286	0.172	Silicified	2%	
From	To	Lithologic Group					
54.49	56.24	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
54.49	55.14	0.65	262287	0.010	Chloritic alteration	3%	fine grained, weakly foliated, equigranular, dark grey
55.14	56.24	1.10	262288	0.008	Chloritic alteration	2%	
From	To	Lithologic Group					
56.24	84.28	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
56.24	57.00	0.76	262289	0.041	Silicified	3%	medium grained, massive, equigranular, light grey
57.00	58.00	1.00	262291	0.632	Silicified	3%	
58.00	59.00	1.00	262292	0.159	Chloritic alteration	2%	
59.00	60.00	1.00	262293	0.313	Silicified	3%	
60.00	61.00	1.00	262294	0.121	Silicified	2%	
61.00	62.00	1.00	262295	0.047	Silicified	4%	
62.00	63.00	1.00	262297	0.028	Silicified	3%	
63.00	64.00	1.00	262298	0.057	Silicified	1%	
64.00	65.28	1.28	262299	0.037	Silicified	10%	
65.28	66.00	0.72	262300	0.048	Silicified	2%	
66.00	67.00	1.00	262301	0.118	Silicified	2%	
67.00	68.00	1.00	262302	0.752	Silicified	4%	
68.00	69.00	1.00	262303	0.201	Silicified	4%	

69.00	70.00	1.00	262304	0.135	Silicified	4%
70.00	71.00	1.00	262305	1.078	Silicified	3%
71.00	72.00	1.00	262306	0.704	Silicified	3%
72.00	73.00	1.00	262307	0.134	Silicified	3%
73.00	74.00	1.00	262308	0.023	Chloritic alteration	1%
74.00	75.00	1.00	262309	0.046	Silicified	1%
75.00	76.02	1.02	262311	0.090	Silicified	2%
76.02	76.78	0.76	262313	0.158	Silicified	2%
76.78	77.83	1.05	262314	1.128	Sericitic alteration	8%
77.83	79.00	1.17	262315	0.454	Silicified	2%
79.00	80.00	1.00	262316	0.340	Silicified	2%
80.00	81.00	1.00	262317	0.323	Silicified	2%
81.00	82.10	1.10	262318	0.513	Silicified	2%
82.10	83.00	0.90	262319	0.380	Silicified	2%
83.00	84.28	1.28	262320	0.669	Silicified	2%

From	To	Lithologic Group				
84.28	87.87	Diabase				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
84.28	85.00	0.72	262321	0.005	Unaltered	0%	fine grained, massive, plagiophytic, dark grey,
85.00	86.50	1.50	262322	0.005	Epidote alteration	0%	
86.50	87.87	1.37	262323	0.005	Unaltered	0%	

From	To	Lithologic Group				
87.87	89.60	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
87.87	89.00	1.13	262325	0.844	Silicified	10%	medium grained, massive, equigranular, light grey
89.00	89.60	0.60	262326	0.347	Silicified	1%	

From	To	Lithologic Group				
89.60	95.80	Diabase				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
89.60	91.00	1.40	262327	0.008	Unaltered	0%	fine grained, massive, equigranular, dark grey
91.00	92.50	1.50	262328	0.005	Unaltered	1%	
92.50	94.00	1.50	262329	0.005	Unaltered	0%	
94.00	95.00	1.00	262331	0.008	Unaltered	1%	
95.00	95.80	0.80	262332	0.009	Unaltered	0%	

From	To	Lithologic Group				
95.80	96.66	Tonalite				

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
95.80	96.66	0.86	262333	0.043	Silicified	1%	medium grained, massive, equigranular, light grey

From	To	Lithologic Group					
96.66	107.09	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
96.66	98.00	1.34	262334	0.005	Epidote alteration	1%	fine grained, massive, plagiophytic, dark grey
98.00	99.50	1.50	262335	0.005	Epidote alteration	0%	
99.50	101.00	1.50	262337	0.005	Epidote alteration	0%	
101.00	102.50	1.50	262338	0.005	Epidote alteration	1%	
102.50	104.00	1.50	262339	0.005	Epidote alteration	2%	
104.00	105.50	1.50	262340	0.005	Unaltered	0%	multiple pulses of diabase seen at 105.39m
105.50	106.04	0.54	262341	0.005	Unaltered	0%	
106.04	107.09	1.05	262342	0.005	Unaltered	0%	
From	To	Lithologic Group					
107.09	111.64	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
107.09	108.00	0.91	262343	0.264	Silicified	5%	medium grained, massive, equigranular, light grey
108.00	109.04	1.04	262344	0.049	Silicified	2%	11cm diabase dike at 108.61m,
109.04	110.02	0.98	262345	0.107	Silicified	4%	
110.02	111.00	0.98	262346	0.280	Silicified	2%	
111.00	111.64	0.64	262347	0.817	Silicified	5%	
From	To	Lithologic Group					
111.64	118.71	Diabase					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
111.64	113.00	1.36	262349	0.005	Epidote alteration	0%	fine grained, massive, feldspar phytic
113.00	114.31	1.31	262351	0.005	Unaltered	0%	
114.31	114.94	0.63	262352	0.019	Unaltered	1%	
114.94	116.00	1.06	262353	0.018	Epidote alteration	0%	11cm tonalite frag
116.00	117.50	1.50	262354	0.005	Epidote alteration	0%	
117.50	118.71	1.21	262355	0.005	Epidote alteration	0%	
From	To	Lithologic Group					
118.71	199.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
118.71	120.00	1.29	262356	0.123	Silicified	3%	
120.00	121.03	1.03	262357	0.222	Sericitic alteration	7%	
121.03	122.08	1.05	262358	0.068	Sericitic alteration	2%	
122.08	123.00	0.92	262359	0.018	Sericitic alteration	2%	
123.00	124.00	1.00	262361	0.028	Sericitic alteration	2%	
124.00	125.03	1.03	262362	0.264	Sericitic alteration	1%	
125.03	126.00	0.97	262363	0.024	Sericitic alteration	3%	
126.00	127.00	1.00	262364	1.424	Sericitic alteration	2%	

127.00	128.00	1.00	262365	0.198	Sericitic alteration	1%	
128.00	129.00	1.00	262366	0.023	Silicified	1%	
129.00	130.00	1.00	262367	0.082	Silicified	1%	
130.00	131.00	1.00	262368	0.216	Silicified	3%	
131.00	132.00	1.00	262369	0.025	Silicified	2%	
132.00	133.00	1.00	262371	0.283	Silicified	2%	
133.00	134.00	1.00	262373	1.553	Silicified	3%	
134.00	135.00	1.00	262374	0.113	Silicified	3%	
135.00	135.98	0.98	262375	0.072	Silicified	5%	
135.98	137.00	1.02	262376	0.235	Silicified	2%	
137.00	138.00	1.00	262377	0.029	Silicified	4%	
138.00	139.00	1.00	262378	1.117	Silicified	2%	
139.00	140.24	1.24	262380	0.036	Silicified	3%	
140.24	141.00	0.76	262381	0.008	Silicified	2%	
141.00	142.00	1.00	262382	0.050	Silicified	3%	
142.00	143.00	1.00	262383	0.034	Silicified	2%	
143.00	144.00	1.00	262385	0.107	Silicified	2%	
144.00	145.00	1.00	262386	0.045	Silicified	3%	
145.00	146.00	1.00	262387	0.048	Silicified	2%	
146.00	147.00	1.00	262388	0.198	Silicified	1%	
147.00	148.00	1.00	262389	0.118	Silicified	2%	
148.00	149.03	1.03	262391	0.038	Silicified	2%	
149.03	150.00	0.97	262392	0.138	Silicified	2%	
150.00	151.02	1.02	262393	0.287	Silicified	3%	
151.02	152.50	1.48	262394	0.066	Chloritic alteration	30%	35cm mafic dike
152.50	154.00	1.50	262395	0.100	Silicified	7%	
154.00	155.24	1.24	262397	0.065	Silicified	5%	
155.24	156.00	0.76	262398	0.027	Silicified	4%	
156.00	157.15	1.15	262399	3.520	Silicified	5%	
157.15	158.00	0.85	262400	0.252	Silicified	17%	
158.00	159.00	1.00	262401	0.386	Silicified	10%	
159.00	160.02	1.02	262402	0.010	Silicified	4%	
160.02	161.03	1.01	262403	0.019	Silicified	2%	
161.03	162.00	0.97	262404	0.086	Silicified	1%	
162.00	163.00	1.00	262405	0.017	Silicified	1%	
163.00	164.09	1.09	262406	0.178	Silicified	2%	
164.09	165.00	0.91	262407	0.176	Silicified	3%	
165.00	166.00	1.00	262408	0.503	Silicified	2%	
166.00	167.00	1.00	262409	0.545	Silicified	4%	
167.00	168.00	1.00	262411	0.089	Silicified	1%	
168.00	169.00	1.00	262413	0.256	Sericitic alteration	2%	
169.00	170.00	1.00	262414	0.131	Sericitic alteration	2%	

170.00	171.00	1.00	262415	0.266	Sericitic alteration	2%	
171.00	171.97	0.97	262416	0.508	Sericitic alteration	4%	
171.97	173.00	1.03	262417	0.723	Sericitic alteration	4%	
173.00	174.13	1.13	262418	0.472	Sericitic alteration	6%	
174.13	175.08	0.95	262419	0.807	Sericitic alteration	10%	
175.08	176.00	0.92	262420	0.207	Sericitic alteration	5%	12cm mafic dike
176.00	177.00	1.00	262421	0.042	Sericitic alteration	4%	
177.00	178.00	1.00	262422	0.058	Sericitic alteration	4%	
178.00	179.00	1.00	262423	0.031	Sericitic alteration	6%	
179.00	179.94	0.94	262425	0.041	Sericitic alteration	4%	
179.94	181.13	1.19	262426	0.030	Sericitic alteration	6%	
181.13	182.00	0.87	262427	0.061	Silicified	4%	
182.00	183.00	1.00	262428	0.237	Silicified	3%	
183.00	183.91	0.91	262429	0.670	Silicified	3%	
183.91	184.92	1.01	262431	0.412	Sericitic alteration	7%	
184.92	186.00	1.08	262432	7.710	Sericitic alteration	5%	
186.00	187.00	1.00	262433	10.500	Sericitic alteration	4%	
187.00	188.03	1.03	262434	7.590	Sericitic alteration	5%	fault
188.03	188.80	0.77	262435	2.957	Sericitic alteration	5%	fault
188.80	190.00	1.20	262437	1.213	Sericitic alteration	7%	
190.00	191.00	1.00	262438	0.304	Sericitic alteration	8%	
191.00	192.00	1.00	262439	0.250	Sericitic alteration	3%	
192.00	193.00	1.00	262440	0.562	Sericitic alteration	3%	
193.00	194.04	1.04	262441	0.208	Sericitic alteration	2%	
194.04	195.00	0.96	262442	0.208	Sericitic alteration	4%	
195.00	196.00	1.00	262443	0.359	Sericitic alteration	4%	
196.00	197.00	1.00	262444	0.488	Sericitic alteration	3%	
197.00	198.00	1.00	262445	0.795	Sericitic alteration	4%	
198.00	199.00	1.00	262446	1.117	Sericitic alteration	2%	possible QDR frag, overprinted by alt., diffuse contact

From	To	Lithologic Group					
199.00	201.00	Tonalite Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
199.00	200.00	1.00	262447	0.487	Sericitic alteration	2%	10% dr frags
200.00	201.00	1.00	262449	1.129	Sericitic alteration	3%	50% Dr with qtz eyes

From	To	Lithologic Group					
201.00	202.12	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
201.00	202.12	1.12	262451	2.889	Chloritic alteration	4%	medium grained, massive, dark greenish grey, quartz eyes

From	To	Lithologic Group					
202.12	205.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
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202.12	202.99	0.87	262452	0.612	Sericitic alteration	4%	medium grained, massive, equigranular, medium grey
202.99	204.00	1.01	262453	0.130	Sericitic alteration	3%	
204.00	205.00	1.00	262454	0.125	Sericitic alteration	2%	
From 205.00	To 207.00		Lithologic Group Tonalite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
205.00	206.00	1.00	262455	0.759	Silicified	3%	7% Dr frags
206.00	207.00	1.00	262456	0.384	Silicified	5%	18% Dr
From 207.00	To 211.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
207.00	208.00	1.00	262457	0.417	Sericitic alteration	3%	spv alt., medium grained, massive, equigranular, medium grey
208.00	209.00	1.00	262458	0.588	Sericitic alteration	2%	
209.00	210.00	1.00	262459	0.427	Silicified	2%	couple cm sized Dr frags
210.00	211.00	1.00	262461	0.991	Sericitic alteration	4%	couple cm sized Dr frags
From 211.00	To 212.00		Lithologic Group Tonalite Breccia				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
211.00	212.00	1.00	262462	1.371	Sericitic alteration	10%	10% Dr frags, diffuse
From 212.00	To 228.00		Lithologic Group Tonalite				
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
212.00	213.00	1.00	262463	0.643	Sericitic alteration	1%	medium grained, massive, equigranular, medium grey, few cm dr frags
213.00	214.00	1.00	262464	0.434	Sericitic alteration	3%	
214.00	215.00	1.00	262465	1.233	Silicified	4%	
215.00	216.00	1.00	262466	0.339	Sericitic alteration	4%	few dr frags
216.00	217.00	1.00	262467	0.750	Sericitic alteration	3%	
217.00	218.00	1.00	262468	0.898	Sericitic alteration	5%	fracturing
218.00	219.50	1.50	262469	0.279	Sericitic alteration	3%	
219.50	220.89	1.39	262471	2.265	Sericitic alteration	4%	vg in vein at 220.46m
220.89	222.00	1.11	262473	0.116	Sericitic alteration	7%	
222.00	223.00	1.00	262474	0.056	Silicified	5%	
223.00	224.00	1.00	262475	0.373	Silicified	3%	few overprinted Dr frags
224.00	225.00	1.00	262476	0.111	Sericitic alteration	3%	
225.00	225.91	0.91	262477	0.142	Sericitic alteration	6%	one Dr frag
225.91	227.00	1.09	262478	0.061	Sericitic alteration	5%	2 small Dr frags
227.00	228.00	1.00	262479	0.163	Sericitic alteration	5%	couple Dr frags

From	To	Lithologic Group					
228.00	237.25	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
228.00	229.50	1.50	262480	0.010	Biotitic alteration	3%	medium grained, foliated, equigranular, dark grey
229.50	231.00	1.50	262481	0.008	Biotitic alteration	1%	
231.00	232.01	1.01	262482	0.005	Chloritic alteration	4%	greenish grey
232.01	233.50	1.49	262483	0.005	Chloritic alteration	8%	
233.50	234.75	1.25	262485	0.014	Chloritic alteration	7%	
234.75	236.25	1.50	262486	0.017	Chloritic alteration	15%	
236.25	237.25	1.00	262487	0.954	Chloritic alteration	6%	
From	To	Lithologic Group					
237.25	238.11	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
237.25	238.11	0.86	262488	0.098	Chloritic alteration	2%	very altered ton with lots of coarse qtz grains
From	To	Lithologic Group					
238.11	301.00	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
238.11	239.00	0.89	262489	0.035	Chloritic alteration	5%	medium grained, weakly foliated, equigranular, dark greenish grey
239.00	240.50	1.50	262491	0.016	Chloritic alteration	5%	
240.50	242.00	1.50	262492	0.047	Chloritic alteration	5%	
242.00	243.45	1.45	262493	0.010	Chloritic alteration	2%	
243.45	244.50	1.05	262494	0.012	Chloritic alteration	15%	
244.50	246.00	1.50	262495	0.080	Chloritic alteration	3%	
246.00	247.50	1.50	262497	0.013	Chloritic alteration	1%	
247.50	249.00	1.50	262498	0.015	Chloritic alteration	4%	
249.00	250.50	1.50	262499	0.006	Chloritic alteration	7%	
250.50	252.00	1.50	262500	0.005	Chloritic alteration	5%	
252.00	253.50	1.50	441501	0.493	Chloritic alteration	3%	
253.50	255.00	1.50	441502	0.597	Chloritic alteration	6%	
255.00	256.50	1.50	441503	0.381	Sericitic alteration	5%	fault at 255.5m
256.50	258.00	1.50	441504	0.023	Chloritic alteration	4%	
258.00	259.50	1.50	441505	0.917	Chloritic alteration	20%	spec of vg in vein at 258.68m
259.50	261.00	1.50	441507	0.022	Chloritic alteration	4%	
261.00	262.28	1.28	441508	0.061	Chloritic alteration	10%	
262.28	263.21	0.93	441509	0.015	Chloritic alteration	5%	
263.21	264.00	0.79	441511	0.005	Chloritic alteration	2%	
264.00	265.50	1.50	441513	0.005	Chloritic alteration	3%	
265.50	267.00	1.50	441514	0.007	Chloritic alteration	2%	
267.00	268.50	1.50	441515	0.005	Chloritic alteration	6%	

268.50	270.00	1.50	441516	0.007	Chloritic alteration	2%	7cm of tonalite cutting through
270.00	270.83	0.83	441517	0.008	Chloritic alteration	2%	
270.83	272.00	1.17	441518	0.076	Biotitic alteration	14%	fault zone
272.00	273.50	1.50	441519	0.006	Chloritic alteration	2%	
273.50	275.00	1.50	441520	0.008	Chloritic alteration	2%	
275.00	276.00	1.00	441521	0.029	Chloritic alteration	4%	
276.00	277.50	1.50	441522	0.080	Chloritic alteration	5%	
277.50	279.00	1.50	441523	0.437	Biotitic alteration	2%	
279.00	280.50	1.50	441525	0.016	Chloritic alteration	1%	13cm felsic dike
280.50	282.00	1.50	441526	0.008	Chloritic alteration	2%	
282.00	283.50	1.50	441527	0.193	Chloritic alteration	4%	
283.50	285.00	1.50	441528	0.049	Chloritic alteration	1%	
285.00	286.50	1.50	441529	0.010	Biotitic alteration	1%	
286.50	288.00	1.50	441531	0.473	Biotitic alteration	6%	
288.00	289.50	1.50	441532	0.700	Chloritic alteration	4%	
289.50	291.00	1.50	441533	1.305	Chloritic alteration	7%	
291.00	292.50	1.50	441534	0.810	Biotitic alteration	6%	
292.50	294.00	1.50	441535	0.119	Biotitic alteration	2%	
294.00	295.50	1.50	441537	0.251	Biotitic alteration	12%	
295.50	296.90	1.40	441538	0.340	Biotitic alteration	4%	
296.90	298.00	1.10	441539	0.589	Biotitic alteration	5%	
298.00	299.50	1.50	441540	0.100	Biotitic alteration	1%	
299.50	300.00	0.50	441541	0.226	Biotitic alteration	2%	x Laurent from here
300.00	301.00	1.00	441542	0.015	Biotitic alteration	1%	

From	To	Lithologic Group					
301.00	312.00	Quartz diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
301.00	302.00	1.00	441543	0.155	Chloritic alteration	4%	x
302.00	303.00	1.00	441544	0.215	Chloritic alteration	7%	x
303.00	304.00	1.00	441545	0.065	Chloritic alteration	2%	x
304.00	305.00	1.00	441546	0.046	Chloritic alteration	3%	x
305.00	306.00	1.00	441547	0.255	Chloritic alteration	2%	x
306.00	307.00	1.00	441549	0.298	Chloritic alteration	3%	x
307.00	308.00	1.00	441551	0.127	Chloritic alteration	2%	x
308.00	309.00	1.00	441552	0.058	Chloritic alteration	2%	x
309.00	310.00	1.00	441553	0.021	Chloritic alteration	3%	x
310.00	311.00	1.00	441554	0.075	Chloritic alteration	2%	x
311.00	312.00	1.00	441555	0.043	Chloritic alteration	3%	x

From	To	Lithologic Group					
312.00	321.00	Diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
312.00	313.00	1.00	441556	0.046	Chloritic alteration	2%	x

313.00	314.00	1.00	441557	0.060	Chloritic alteration	2%	x
314.00	315.00	1.00	441558	0.049	Chloritic alteration	2%	x
315.00	316.00	1.00	441559	0.010	Chloritic alteration	2%	x
316.00	317.00	1.00	441561	0.037	Chloritic alteration	2%	x
317.00	318.00	1.00	441562	0.061	Chloritic alteration	2%	x
318.00	319.00	1.00	441563	0.083	Chloritic alteration	4%	x
319.00	320.00	1.00	441564	0.018	Chloritic alteration	3%	x
320.00	321.00	1.00	441565	0.145	Chloritic alteration	3%	x

From	To	Lithologic Group					
321.00	329.00	Quartz diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
321.00	322.00	1.00	441566	0.063	Chloritic alteration	4%	x
322.00	323.00	1.00	441567	0.073	Chloritic alteration	4%	x
323.00	324.00	1.00	441568	2.855	Chloritic alteration	6%	x
324.00	325.00	1.00	441569	0.056	Chloritic alteration	2%	x
325.00	326.00	1.00	441571	0.138	Chloritic alteration	4%	x
326.00	327.00	1.00	441573	0.263	Chloritic alteration	15%	x
327.00	328.00	1.00	441574	1.142	Chloritic alteration	8%	x
328.00	329.00	1.00	441575	2.061	Chloritic alteration	12%	x

From	To	Lithologic Group					
329.00	335.15	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
329.00	330.00	1.00	441576	1.043	Chloritic alteration	8%	x
330.00	331.00	1.00	441577	0.128	Silicified	4%	x
331.00	332.00	1.00	441578	0.120	Silicified	4%	x
332.00	333.00	1.00	441579	0.229	Silicified	3%	x
333.00	334.00	1.00	441580	0.088	Silicified	4%	x
334.00	335.15	1.15	441581	0.040	Silicified	3%	x

From	To	Lithologic Group					
335.15	339.40	Quartz diorite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
335.15	336.00	0.85	441582	0.014	Chloritic alteration	3%	x
336.00	337.00	1.00	441583	0.055	Chloritic alteration	3%	x
337.00	338.00	1.00	441585	0.015	Chloritic alteration	5%	x
338.00	339.40	1.40	441586	0.008	Chloritic alteration	6%	x

From	To	Lithologic Group					
339.40	341.00	Tonalite Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
339.40	340.00	0.60	441587	0.011	Silicified	3%	x
340.00	341.00	1.00	441588	0.015	Silicified	3%	x

From	To	Lithologic Group					
341.00	342.65	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
341.00	342.00	1.00	441589	0.375	Silicified	2%	x
342.00	342.65	0.65	441591	0.080	Silicified	2%	x
From	To	Lithologic Group					
342.65	346.90	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
342.65	344.00	1.35	441592	0.163	Chloritic alteration	6%	x
344.00	345.00	1.00	441593	0.062	Chloritic alteration	8%	x
345.00	346.00	1.00	441594	0.048	Chloritic alteration	3%	x
346.00	346.90	0.90	441595	0.157	Chloritic alteration	3%	x
From	To	Lithologic Group					
346.90	347.50	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
346.90	347.50	0.60	441597	0.010	Silicified	3%	x
From	To	Lithologic Group					
347.50	348.00	Quartz Diorite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
347.50	348.00	0.50	441598	0.007	Chloritic alteration	1%	x
From	To	Lithologic Group					
348.00	350.50	Diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
348.00	349.00	1.00	441599	0.035	Chloritic alteration	1%	x
349.00	350.50	1.50	441600	0.018	Chloritic alteration	1%	x
From	To	Lithologic Group					
350.50	353.20	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
350.50	352.00	1.50	441601	0.043	Silicified	2%	x
352.00	353.20	1.20	441602	0.697	Silicified	2%	x
From	To	Lithologic Group					
353.20	355.85	Quartz diorite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
353.20	354.00	0.80	441603	0.033	Chloritic alteration	1%	x
354.00	355.00	1.00	441604	1.074	Chloritic alteration	2%	x
355.00	355.85	0.85	441605	0.046	Chloritic alteration	1%	x
From	To	Lithologic Group					
355.85	357.00	Tonalite Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
355.85	357.00	1.15	441606	0.336	Silicified	2%	x

From 357.00	To 431.90	Lithologic Group					
		Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
357.00	358.00	1.00	441607	0.117	Silicified	3%	x
358.00	359.00	1.00	441608	0.055	Silicified	3%	x
359.00	360.00	1.00	441609	0.259	Silicified	3%	x
360.00	361.00	1.00	441611	2.343	Silicified	3%	x
361.00	362.00	1.00	441613	0.485	Silicified	3%	x
362.00	363.00	1.00	441614	0.538	Silicified	3%	x
363.00	364.00	1.00	441615	0.380	Silicified	5%	x
364.00	365.00	1.00	441616	0.576	Silicified	3%	x
365.00	366.00	1.00	441617	0.511	Silicified	2%	x
366.00	367.00	1.00	441618	0.173	Silicified	2%	x
367.00	368.00	1.00	441619	0.115	Silicified	2%	x
368.00	369.00	1.00	441620	0.120	Silicified	3%	x
369.00	370.00	1.00	441621	0.070	Silicified	2%	x
370.00	371.00	1.00	441622	1.813	Chloritic alteration	10%	x small dyke
371.00	372.00	1.00	441623	0.504	Sericitic alteration	10%	x small dyke
372.00	373.00	1.00	441625	1.084	Sericitic alteration	6%	x small dyke
373.00	374.00	1.00	441626	0.145	Silicified	3%	x
374.00	375.00	1.00	441627	0.464	Silicified	3%	x
375.00	376.00	1.00	441628	0.862	Silicified	7%	x
376.00	377.00	1.00	441629	0.278	Silicified	3%	x
377.00	378.00	1.00	441631	0.799	Silicified	4%	x
378.00	379.00	1.00	441632	2.613	Silicified	5%	x
379.00	380.00	1.00	441633	0.540	Silicified	8%	x
380.00	381.00	1.00	441634	1.123	Silicified	6%	x
381.00	382.00	1.00	441635	0.373	Silicified	6%	x
382.00	383.00	1.00	441637	0.470	Silicified	4%	x
383.00	384.00	1.00	441638	0.611	Silicified	3%	x
384.00	385.00	1.00	441639	0.579	Silicified	10%	x
385.00	386.00	1.00	441640	0.197	Silicified	6%	x
386.00	387.00	1.00	441641	0.385	Silicified	4%	x
387.00	388.00	1.00	441642	2.162	Silicified	2%	x
388.00	389.00	1.00	441643	0.722	Silicified	3%	x
389.00	390.00	1.00	441644	0.506	Silicified	4%	x
390.00	391.00	1.00	441645	1.478	Silicified	2%	x
391.00	392.00	1.00	441646	0.188	Silicified	4%	x
392.00	393.00	1.00	441647	0.192	Silicified	5%	x
393.00	394.00	1.00	441649	0.030	Silicified	2%	x
394.00	395.00	1.00	441651	0.066	Silicified	2%	x
395.00	396.00	1.00	441652	0.136	Silicified	2%	x

396.00	397.00	1.00	441653	0.656	Silicified	2%	x
397.00	398.00	1.00	441654	0.620	Silicified	2%	x
398.00	399.00	1.00	441655	0.588	Silicified	4%	x
399.00	400.00	1.00	441656	0.154	Silicified	12%	x small dyke
400.00	401.00	1.00	441657	0.342	Silicified	2%	x
401.00	402.00	1.00	441658	0.104	Silicified	2%	x
402.00	403.00	1.00	441659	0.050	Silicified	3%	x
403.00	404.00	1.00	441661	0.108	Sericitic alteration	5%	x
404.00	405.00	1.00	441662	0.059	Sericitic alteration	4%	x
405.00	406.00	1.00	441663	0.015	Sericitic alteration	2%	x
406.00	407.00	1.00	441664	0.013	Sericitic alteration	3%	x
407.00	408.00	1.00	441665	0.041	Sericitic alteration	3%	x
408.00	409.00	1.00	441666	0.090	Sericitic alteration	3%	x
409.00	410.00	1.00	441667	0.087	Sericitic alteration	3%	x
410.00	411.00	1.00	441668	0.069	Sericitic alteration	4%	x
411.00	412.00	1.00	441669	0.011	Sericitic alteration	2%	x
412.00	413.00	1.00	441671	0.062	Sericitic alteration	2%	x
413.00	414.00	1.00	441673	0.303	Sericitic alteration	3%	x
414.00	415.00	1.00	441674	0.105	Sericitic alteration	4%	x
415.00	416.00	1.00	441675	0.066	Sericitic alteration	4%	x
416.00	417.00	1.00	441676	0.113	Sericitic alteration	4%	x
417.00	418.00	1.00	441677	0.102	Sericitic alteration	3%	x
418.00	419.00	1.00	441678	0.201	Sericitic alteration	3%	x
419.00	420.00	1.00	441679	0.453	Sericitic alteration	2%	x
420.00	421.00	1.00	441680	0.201	Sericitic alteration	5%	x
421.00	422.00	1.00	441681	0.487	Sericitic alteration	3%	x
422.00	423.00	1.00	441682	0.255	Sericitic alteration	2%	x
423.00	424.00	1.00	441683	0.260	Sericitic alteration	4%	x
424.00	425.00	1.00	441685	0.207	Sericitic alteration	3%	x
425.00	426.00	1.00	441686	0.065	Sericitic alteration	4%	x
426.00	427.00	1.00	441687	0.216	Sericitic alteration	4%	x
427.00	428.00	1.00	441688	0.183	Sericitic alteration	6%	x
428.00	429.00	1.00	441689	0.101	Sericitic alteration	4%	x
429.00	430.00	1.00	441691	0.051	Sericitic alteration	3%	x
430.00	431.00	1.00	441692	0.128	Sericitic alteration	4%	x
431.00	431.90	0.90	441693	0.073	Sericitic alteration	5%	x

From	To	Lithologic Group	
431.90	432.60	Mafic Dyke	

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
431.90	432.60	0.70	441694	0.012	Chloritic alteration	2%	x

From	To	Lithologic Group					
432.60	448.75	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
432.60	434.00	1.40	441695	0.085	Sericitic alteration	2%	x
434.00	435.00	1.00	441697	0.175	Sericitic alteration	3%	x
435.00	436.00	1.00	441698	0.331	Sericitic alteration	3%	x
436.00	437.00	1.00	441699	0.613	Sericitic alteration	2%	x
437.00	438.00	1.00	441700	0.317	Sericitic alteration	2%	x
438.00	439.00	1.00	441701	1.530	Sericitic alteration	3%	x
439.00	440.00	1.00	441702	0.361	Sericitic alteration	10%	x
440.00	441.00	1.00	441703	0.252	Sericitic alteration	2%	x
441.00	442.00	1.00	441704	0.201	Sericitic alteration	2%	x
442.00	443.00	1.00	441705	0.418	Sericitic alteration	3%	x
443.00	444.00	1.00	441706	0.188	Sericitic alteration	3%	x
444.00	445.00	1.00	441707	0.240	Sericitic alteration	2%	x
445.00	446.00	1.00	441708	0.206	Sericitic alteration	2%	x
446.00	447.00	1.00	441709	0.098	Sericitic alteration	2%	x
447.00	448.00	1.00	441711	0.445	Sericitic alteration	2%	x
448.00	448.75	0.75	441713	0.970	Sericitic alteration	2%	x
From	To	Lithologic Group					
448.75	450.75	Lamprophyre Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
448.75	450.00	1.25	441714	0.008	Chloritic alteration	2%	x
450.00	450.75	0.75	441715	0.009	Chloritic alteration	2%	x
From	To	Lithologic Group					
450.75	470.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
450.75	452.00	1.25	441716	0.279	Sericitic alteration	3%	x
452.00	453.00	1.00	441717	0.185	Sericitic alteration	3%	x
453.00	454.00	1.00	441718	0.113	Sericitic alteration	12%	x
454.00	455.00	1.00	441719	0.371	Sericitic alteration	4%	x
455.00	456.00	1.00	441720	0.650	Sericitic alteration	6%	x
456.00	457.00	1.00	441721	0.169	Sericitic alteration	5%	x
457.00	458.00	1.00	441722	0.343	Sericitic alteration	4%	x
458.00	459.00	1.00	441723	0.392	Sericitic alteration	5%	x
459.00	460.00	1.00	441725	0.476	Sericitic alteration	4%	x
460.00	461.00	1.00	441726	0.673	Sericitic alteration	6%	x
461.00	462.00	1.00	441727	0.331	Sericitic alteration	3%	x
462.00	463.00	1.00	441728	0.186	Sericitic alteration	5%	x
463.00	464.00	1.00	441729	0.478	Sericitic alteration	2%	x
464.00	465.00	1.00	441731	0.298	Sericitic alteration	2%	x
465.00	466.00	1.00	441732	0.386	Sericitic alteration	2%	x

466.00	467.00	1.00	441733	0.108	Sericitic alteration	2%	x
467.00	468.00	1.00	441734	0.553	Sericitic alteration	2%	x
468.00	469.00	1.00	441735	0.855	Sericitic alteration	4%	x
469.00	470.00	1.00	441737	0.417	Sericitic alteration	8%	x

From	To	Lithologic Group					
470.00	488.90	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
470.00	471.00	1.00	441738	0.354	Sericitic alteration	14%	x
471.00	472.00	1.00	441739	1.261	Sericitic alteration	5%	x
472.00	473.00	1.00	441740	0.565	Sericitic alteration	5%	x
473.00	474.00	1.00	441741	1.081	Sericitic alteration	6%	x
474.00	475.00	1.00	441742	0.958	Sericitic alteration	6%	x
475.00	476.00	1.00	441743	2.578	Sericitic alteration	4%	x
476.00	477.00	1.00	441745	1.952	Sericitic alteration	4%	x
477.00	478.00	1.00	441746	2.425	Sericitic alteration	9%	x
478.00	479.00	1.00	441747	2.868	Sericitic alteration	4%	x
479.00	480.00	1.00	441749	0.543	Sericitic alteration	8%	x
480.00	481.00	1.00	441751	0.930	Sericitic alteration	6%	x
481.00	482.00	1.00	441752	0.786	Sericitic alteration	2%	x
482.00	483.00	1.00	441753	2.720	Sericitic alteration	4%	x
483.00	484.00	1.00	441754	1.438	Sericitic alteration	3%	x
484.00	485.00	1.00	441755	1.368	Sericitic alteration	2%	x
485.00	486.00	1.00	441756	1.734	Sericitic alteration	4%	x
486.00	487.00	1.00	441757	0.762	Sericitic alteration	4%	x
487.00	488.00	1.00	441758	0.491	Sericitic alteration	12%	x
488.00	488.90	0.90	441759	0.855	Sericitic alteration	6%	x

From	To	Lithologic Group					
488.90	489.75	Mafic Dyke					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
488.90	489.75	0.85	441761	0.042	Chloritic alteration	2%	x

From	To	Lithologic Group					
489.75	506.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
489.75	491.00	1.25	441762	4.750	Sericitic alteration	4%	x
491.00	492.00	1.00	441763	0.622	Sericitic alteration	4%	x
492.00	493.00	1.00	441764	1.096	Sericitic alteration	4%	x
493.00	494.00	1.00	441765	1.312	Sericitic alteration	3%	x
494.00	495.00	1.00	441766	4.040	Sericitic alteration	3%	x
495.00	496.00	1.00	441767	1.108	Sericitic alteration	3%	x
496.00	497.00	1.00	441768	0.358	Sericitic alteration	3%	x
497.00	498.00	1.00	441769	0.155	Sericitic alteration	3%	x
498.00	499.00	1.00	441771	0.332	Sericitic alteration	3%	x

499.00	500.00	1.00	441773	0.138	Sericitic alteration	3%	x
500.00	501.00	1.00	441774	0.456	Sericitic alteration	3%	x
501.00	502.00	1.00	441775	0.394	Sericitic alteration	3%	x
502.00	503.00	1.00	441776	0.393	Sericitic alteration	2%	x
503.00	504.00	1.00	441777	0.051	Sericitic alteration	2%	x
504.00	505.00	1.00	441778	0.239	Sericitic alteration	2%	x
505.00	506.00	1.00	441779	0.126	Sericitic alteration	2%	x

From	To	Lithologic Group					
506.00	508.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
506.00	507.00	1.00	441780	0.043	Sericitic alteration	2%	x
507.00	508.00	1.00	441781	0.032	Sericitic alteration	2%	x

From	To	Lithologic Group					
508.00	513.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
508.00	509.00	1.00	441782	0.617	Sericitic alteration	2%	x
509.00	510.00	1.00	441783	0.271	Sericitic alteration	2%	x
510.00	511.00	1.00	441785	1.529	Sericitic alteration	3%	x
511.00	512.00	1.00	441786	0.941	Sericitic alteration	2%	x
512.00	513.00	1.00	441787	0.209	Sericitic alteration	3%	x

From	To	Lithologic Group					
513.00	519.00	Tonalite					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
513.00	514.00	1.00	441788	0.061	Silicified	6%	x
514.00	515.00	1.00	441789	0.112	Silicified	4%	x
515.00	516.00	1.00	441791	0.263	Silicified	2%	x
516.00	517.00	1.00	441792	0.297	Silicified	3%	x
517.00	518.00	1.00	441793	1.843	Silicified	3%	x
518.00	519.00	1.00	441794	1.550	Silicified	3%	x

From	To	Lithologic Group					
519.00	529.00	Hydrothermal Breccia					

From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
519.00	520.00	1.00	441795	0.436	Silicified	5%	x
520.00	521.00	1.00	441797	0.299	Silicified	4%	x
521.00	522.00	1.00	441798	0.788	Silicified	4%	x
522.00	523.00	1.00	441799	1.833	Silicified	4%	x
523.00	524.00	1.00	441800	0.591	Silicified	5%	x
524.00	525.05	1.05	441801	0.244	Silicified	3%	x small dyke
525.05	526.00	0.95	441802	0.395	Sericitic alteration	3%	x
526.00	527.00	1.00	441803	0.121	Sericitic alteration	4%	x
527.00	528.00	1.00	441804	0.145	Sericitic alteration	12%	x
528.00	529.00	1.00	441805	1.269	Sericitic alteration	3%	x

From	To	Lithologic Group					
529.00	532.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
529.00	530.00	1.00	441806	0.022	Sericitic alteration	3%	x
530.00	531.00	1.00	441807	0.189	Sericitic alteration	2%	x
531.00	532.00	1.00	441808	0.096	Sericitic alteration	2%	x
From	To	Lithologic Group					
532.00	542.30	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
532.00	533.00	1.00	441809	0.452	Sericitic alteration	3%	x
533.00	534.00	1.00	441811	0.216	Sericitic alteration	3%	x
534.00	535.00	1.00	441813	0.258	Sericitic alteration	2%	x
535.00	536.00	1.00	441814	0.937	Sericitic alteration	3%	x
536.00	537.00	1.00	441815	0.219	Sericitic alteration	2%	x
537.00	538.00	1.00	441816	0.454	Sericitic alteration	5%	x
538.00	539.00	1.00	441817	0.065	Sericitic alteration	4%	x
539.00	540.00	1.00	441818	0.106	Sericitic alteration	4%	x
540.00	541.00	1.00	441819	0.664	Sericitic alteration	3%	x
541.00	542.30	1.30	441820	0.674	Sericitic alteration	3%	x
From	To	Lithologic Group					
542.30	543.00	Mafic Dyke					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
542.30	543.00	0.70	441821	0.037	Chloritic alteration	3%	x
From	To	Lithologic Group					
543.00	545.00	Tonalite					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
543.00	544.00	1.00	441822	0.535	Sericitic alteration	3%	x
544.00	545.00	1.00	441823	0.090	Sericitic alteration	3%	x
From	To	Lithologic Group					
545.00	555.00	Hydrothermal Breccia					
From	To	Interval	Sample	Au g/t	Alteration	%Veining	Comments
545.00	546.00	1.00	441825	0.271	Sericitic alteration	3%	x
546.00	547.00	1.00	441826	0.187	Sericitic alteration	3%	x
547.00	548.00	1.00	441827	0.116	Sericitic alteration	3%	x
548.00	549.00	1.00	441828	0.034	Sericitic alteration	3%	x
549.00	550.00	1.00	441829	0.005	Sericitic alteration	2%	x
550.00	551.00	1.00	441831	0.063	Sericitic alteration	2%	x
551.00	552.00	1.00	441832	0.208	Sericitic alteration	3%	x
552.00	553.00	1.00	441833	0.620	Sericitic alteration	2%	x
553.00	554.00	1.00	441834	1.652	Sericitic alteration	3%	x
554.00	555.00	1.00	441835	0.379	Sericitic alteration	4%	x

Appendix B:
Assay Certificates



Report No.: A21-02425-Au
Report Date: 11-Mar-21
Date Submitted: 12-Feb-21
Your Reference: 234-GOS

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

220 Rock samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Description, and Testing Date. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

REPORT A21-02425-Au

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

Handwritten signature of Elitsa Hrischeva

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
254001	0.023								
254002	0.020								
254003	0.006								
254004	0.446								
254005	0.130								
254006	0.043								
254007	0.065								
254008	0.099								
254009	0.043								
254010	0.058								
254011	0.185								
254012	0.492								
254013	0.094								
254014	0.099								
254015	0.092								
254016	0.029								
254017	0.018								
254018	0.204								
254019	0.088								
254020	0.513								
254021	0.074								
254022	0.062								
254023	< 0.005								
254024	< 0.005								
254025	< 0.005								
254026	0.344								
254027	0.178								
254028	0.319								
254029	3.475	2.49							
254030	2.072								
254031	< 0.005								
254032	0.113								
254033	0.129								
254034	0.015								
254035	0.057								
254036	0.682								
254037	0.020								
254038	0.037								
254039	0.646								
254040	0.086								
254041	0.086								
254042	0.009								
254043	0.085								
254044	0.035								
254045	0.052								
254046	0.068								
254047	0.054								
254048	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
254049	0.030								
254050	0.028								
254051	0.017								
254052	0.086								
254053	0.039								
254054	0.072								
254055	0.058								
254056	0.066								
254057	0.027								
254058	0.034								
254059	< 0.005								
254060	0.177								
254061	0.013								
254062	< 0.005								
254063	< 0.005								
254064	0.024								
254065	0.041								
254066	0.331								
254067	0.020								
254068	0.462								
254069	0.033								
254070	0.025								
254071	0.005								
254072	< 0.005								
254073	0.126								
254074	0.372								
254075	0.059								
254076	0.165								
254077	0.194								
254078	0.049								
254079	0.090								
254080	0.033								
254081	0.038								
254082	0.026								
254083	0.094								
254084	1.496								
254085	0.005								
254086	0.047								
254087	0.007								
254088	0.010								
254089	0.065								
254090	0.038								
254091	0.042								
254092	1.166								
254093	1.499								
254094	1.481								
254095	0.914								
254096	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
254097	0.172								
254098	0.152								
254099	0.195								
254100	0.182								
254101	0.082								
254102	0.182								
254103	0.104								
254104	0.120								
254105	0.096								
254106	0.005								
254107	0.015								
254108	0.007								
254109	0.042								
254110	0.081								
254111	0.007								
254112	0.490								
254113	0.007								
254114	< 0.005								
254115	0.027								
254116	0.005								
254117	0.025								
254118	0.007								
254119	0.016								
254120	0.015								
254121	0.028								
254122	0.148								
254123	0.007								
254124	< 0.005								
254125	0.026								
254126	0.026								
254127	0.060								
254128	0.103								
254129	0.050								
254130	0.078								
254131	0.005								
254132	0.750								
254133	0.527								
254134	> 5.000	50.3	38.4	16.7	17.5	19.0	44.49	445.18	489.67
254135	0.029								
254136	0.675								
254137	0.072								
254138	0.108								
254139	0.033								
254140	0.031								
254141	0.111								
254142	0.150								
254143	0.024								
254144	0.112								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
254145	0.080								
254146	0.084								
254147	0.096								
254148	< 0.005								
254149	0.096								
254150	0.132								
254151	0.114								
254152	0.125								
254153	0.068								
254154	0.009								
254155	0.060								
254156	0.009								
254157	0.030								
254158	0.033								
254159	0.014								
254160	0.164								
254161	0.042								
254162	0.043								
254163	0.051								
254164	0.092								
254165	0.032								
254166	0.017								
254167	0.029								
254168	0.023								
254169	0.027								
254170	0.032								
254171	0.044								
254172	< 0.005								
254173	0.179								
254174	0.259								
254175	0.054								
254176	0.019								
254177	0.131								
254178	0.459								
254179	4.733	5.35	7.89	6.76	6.50	6.72	36.77	446.42	483.19
254180	0.026								
254181	0.065								
254182	0.019								
254183	0.035								
254184	1.488								
254185	0.096								
254186	0.095								
254187	0.078								
254188	0.089								
254189	0.057								
254190	0.039								
254191	0.082								
254192	0.198								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
254193	0.011								
254194	0.099								
254195	0.007								
254196	0.032								
254197	0.014								
254198	< 0.005								
254199	0.008								
254200	0.023								
254201	0.059								
254202	0.038								
254203	0.029								
254204	0.031								
254205	0.173								
254206	0.196								
254207	< 0.005								
254208	0.055								
254209	0.029								
254210	0.017								
254211	0.098								
254212	0.463								
254213	0.113								
254214	0.033								
254215	0.123								
254216	0.133								
254217	0.092								
254218	0.534								
254219	0.076								
254220	0.353								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.1				12.1			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		11.8							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire Assay) Meas	2.230								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.309								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.286								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.212								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.252								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.273								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.208								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.263								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.237								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.223								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.53				8.78			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.46							
OREAS 228b		8.57							

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
(Fire Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.520								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.505								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.510								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.518								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.507								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.519								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.509								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.518								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.519								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.517								
Oreas E1336 (Fire Assay) Cert	0.510								
254010 Orig	0.063								
254010 Dup	0.054								
254030 Orig	2.038								
254030 Dup	2.106								
254045 Orig	0.047								
254045 Dup	0.057								
254050 Split Orig PREP DUP	0.028								
254050 Split PREP DUP	0.028								
254054 Orig	0.072								
254054 Dup	0.071								
254064 Orig	0.020								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
254064 Dup	0.029								
254089 Orig	0.078								
254089 Dup	0.053								
254100 Split Orig PREP DUP	0.182								
254100 Split PREP DUP	0.169								
254113 Orig	0.005								
254113 Dup	0.010								
254123 Orig	0.005								
254123 Dup	0.008								
254133 Orig	0.553								
254133 Dup	0.501								
254134 Orig			38.4	16.7	17.5	19.0	44.49	445.18	489.67
254148 Orig	< 0.005								
254148 Dup	< 0.005								
254150 Split Orig PREP DUP	0.132								
254150 Split PREP DUP	0.113								
254157 Orig	0.028								
254157 Dup	0.031								
254167 Orig	0.033								
254167 Dup	0.025								
254179 Orig			7.89	6.76	6.50	6.72	36.77	446.42	483.19
254182 Orig	0.020								
254182 Dup	0.019								
254192 Orig	0.214								
254192 Dup	0.182								
254200 Split Orig PREP DUP	0.023								
254200 Split PREP DUP	0.030								
254201 Orig	0.055								
254201 Dup	0.063								
254216 Orig	0.120								
254216 Dup	0.147								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank									0.00000
Method Blank									0.00000
Method Blank	< 0.005								
Method Blank	< 0.005								



Report No.: A21-02741

Report Date: 15-Mar-21

Date Submitted: 19-Feb-21

Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

71 Rock samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2-Timmins (ppm) | QOP AA-Au (Au - Fire Assay AA) | 2021-03-09 18:53:23

REPORT A21-02741

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
254221	0.203
254222	0.045
254223	0.049
254224	< 0.005
254225	0.101
254226	0.140
254227	0.064
254228	0.129
254229	0.128
254230	0.142
254231	0.191
254232	0.066
254233	0.047
254234	0.087
254235	0.062
254236	0.674
254237	0.180
254238	0.419
254239	0.189
254240	0.190
254241	0.342
254242	0.634
254243	0.195
254244	0.097
254245	0.106
254246	0.044
254247	0.086
254248	< 0.005
254249	0.149
254250	0.109
254251	0.141
254252	0.049
254253	0.057
254254	0.036
254255	0.018
254256	0.155
254257	0.153
254258	0.099
254259	0.182
254260	0.180
254261	0.450
254262	0.358
254263	0.207
254264	0.304
254265	0.256
254266	0.147
254267	0.226
254268	0.085
254269	0.270
254270	0.174
254271	0.058

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
254272	< 0.005
254273	0.100
254274	0.152
254275	0.059
254276	0.627
254277	0.498
254278	0.052
254279	0.217
254280	0.132
254281	0.087
254282	0.151
254283	0.084
254284	1.427
254285	0.198
254286	0.118
254287	0.065
254288	0.198
254289	0.234
254290	0.256
254291	0.788

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.252
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.267
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.227
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.216
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.249
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.506
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.524
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.511
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.511
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.498
Oreas E1336 (Fire Assay) Cert	0.510
254230 Orig	0.115
254230 Dup	0.169
254240 Orig	0.170
254240 Dup	0.210
254250 Orig	0.102
254250 Dup	0.117
254265 Orig	0.232
254265 Dup	0.280
254270 Split Orig PREP DUP	0.174
254270 Split PREP DUP	0.216
254274 Orig	0.126
254274 Dup	0.177
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-02748
 Report Date: 10-Mar-21
 Date Submitted: 19-Feb-21
 Your Reference: GOS-234

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

222 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-03-05 13:48:36
1A3-50-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-03-08 17:47:52

REPORT **A21-02748**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

Emmanuel Esemé , Ph.D.
 Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
262001	0.084	
262002	0.167	
262003	1.576	
262004	0.832	
262005	4.357	3.45
262006	0.568	
262007	0.936	
262008	0.331	
262009	0.149	
262010	0.098	
262011	0.172	
262012	0.499	
262013	0.218	
262014	0.215	
262015	0.391	
262016	0.255	
262017	0.160	
262018	0.616	
262019	0.059	
262020	0.141	
262021	0.368	
262022	0.062	
262023	0.055	
262024	< 0.005	
262025	0.236	
262026	0.103	
262027	0.243	
262028	0.199	
262029	0.132	
262030	0.125	
262031	0.117	
262032	< 0.005	
262033	< 0.005	
262034	< 0.005	
262035	< 0.005	
262036	0.656	
262037	0.130	
262038	0.023	
262039	0.028	
262040	0.005	
262041	0.053	
262042	0.039	
262043	0.034	
262044	0.046	
262045	0.055	
262046	0.102	
262047	0.149	
262048	< 0.005	
262049	0.115	
262050	0.082	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
262051	0.126	
262052	< 0.005	
262053	0.016	
262054	< 0.005	
262055	0.026	
262056	0.034	
262057	0.010	
262058	0.026	
262059	0.009	
262060	0.177	
262061	0.027	
262062	< 0.005	
262063	< 0.005	
262064	0.016	
262065	0.019	
262066	0.034	
262067	0.042	
262068	0.009	
262069	0.023	
262070	0.006	
262071	2.703	
262072	< 0.005	
262073	0.300	
262074	< 0.005	
262075	0.031	
262076	0.037	
262077	0.031	
262078	0.165	
262079	0.014	
262080	0.012	
262081	0.065	
262082	0.119	
262083	0.028	
262084	1.495	
262085	0.033	
262086	0.036	
262087	0.028	
262088	0.059	
262089	0.056	
262090	0.048	
262091	0.038	
262092	0.017	
262093	0.162	
262094	0.020	
262095	0.094	
262096	< 0.005	
262097	0.019	
262098	0.052	
262099	0.015	
262100	0.065	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
262101	0.058	
262102	0.024	
262103	< 0.005	
262104	< 0.005	
262105	0.011	
262106	0.037	
262107	0.082	
262108	0.393	
262109	0.015	
262110	0.024	
262111	0.023	
262112	0.502	
262113	0.034	
262114	< 0.005	
262115	0.009	
262116	0.017	
262117	0.025	
262118	0.052	
262119	< 0.005	
262120	0.081	
262121	0.042	
262122	0.170	
262123	0.117	
262124	< 0.005	
262125	0.143	
262126	0.398	
262127	0.281	
262128	0.192	
262129	0.525	
262130	0.225	
262131	0.979	
262132	0.817	
262133	0.441	
262134	0.828	
262135	1.213	
262136	0.651	
262137	0.435	
262138	1.174	
262139	0.937	
262140	3.502	3.34
262141	1.120	
262142	2.586	
262143	1.727	
262144	0.626	
262145	0.663	
262146	1.147	
262147	1.919	
262148	< 0.005	
262149	0.356	
262150	0.394	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
262151	0.346	
262152	0.384	
262153	1.348	
262154	0.787	
262155	0.434	
262156	0.015	
262157	0.140	
262158	0.116	
262159	0.041	
262160	0.175	
262161	0.069	
262162	0.020	
262163	0.026	
262164	0.039	
262165	0.093	
262166	< 0.005	
262167	0.013	
262168	0.015	
262169	0.034	
262170	0.033	
262171	0.087	
262172	< 0.005	
262173	0.027	
262174	0.060	
262175	0.021	
262176	0.021	
262177	0.027	
262178	0.009	
262179	0.037	
262180	0.119	
262181	0.023	
262182	0.045	
262183	0.026	
262184	1.534	
262185	0.051	
262186	0.085	
262187	0.064	
262188	0.058	
262189	0.102	
262190	0.045	
262191	0.044	
262192	0.100	
262193	0.059	
262194	0.286	
262195	0.077	
262196	< 0.005	
262197	0.093	
262198	0.777	
262199	0.169	
262200	0.257	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
262201	0.093	
262202	0.015	
262203	0.047	
262204	0.067	
262205	0.093	
262206	0.263	
262207	0.133	
262208	0.112	
262209	0.043	
262210	0.042	
262211	0.022	
262212	0.494	
262213	< 0.005	
262214	0.018	
262215	0.019	
262216	0.027	
262217	0.021	
262218	0.292	
262219	0.043	
262220	0.180	
262221	0.169	
262222	0.636	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
Oreas 237 (Fire Assay) Meas	2.247	2.23
Oreas 237 (Fire Assay) Cert	2.21	2.21
Oreas 237 (Fire Assay) Meas	2.295	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.292	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.295	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.234	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.303	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.290	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.304	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas E1336 (Fire Assay) Meas	0.505	0.50
Oreas E1336 (Fire Assay) Cert	0.510	0.510
Oreas E1336 (Fire Assay) Meas	0.526	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.528	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.529	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.521	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.522	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.516	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.504	
Oreas E1336 (Fire Assay) Cert	0.510	
262010 Orig	0.094	
262010 Dup	0.102	
262020 Orig	0.117	
262020 Dup	0.165	
262030 Orig	0.152	
262030 Dup	0.099	
262045 Orig	0.049	
262045 Dup	0.061	
262050 Split Orig PREP DUP	0.082	
262050 Split PREP DUP	0.083	
262054 Orig	< 0.005	
262054 Dup	0.007	
262064 Orig	0.015	
262064 Dup	0.018	
262079 Orig	0.011	
262079 Dup	0.017	
262089 Orig	0.053	
262089 Dup	0.058	
262099 Orig	0.016	
262099 Dup	0.015	
262100 Split Orig PREP DUP	0.065	
262100 Split PREP DUP	0.074	
262113 Orig	0.029	
262113 Dup	0.038	
262123 Orig	0.132	
262123 Dup	0.101	
262133 Orig	0.426	
262133 Dup	0.456	
262148 Orig	< 0.005	
262148 Dup	< 0.005	
262150 Split Orig PREP DUP	0.394	
262150 Split PREP DUP	0.434	
262167 Orig	0.017	
262167 Dup	0.008	
262182 Orig	0.053	
262182 Dup	0.038	
262192 Orig	0.091	
262192 Dup	0.108	
262200 Split Orig PREP DUP	0.257	
262200 Split	0.208	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
PREP DUP		
262201 Orig	0.073	
262201 Dup	0.112	
262216 Orig	0.028	
262216 Dup	0.027	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02



Report No.: A21-03616-Revised
Report Date: 21-Apr-21
Date Submitted: 04-Mar-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

475 Rock samples were submitted for analysis.

Table with 3 columns: Analytical package, Description, and Testing Date. Rows include 1A2, 1A3, and 1A4 (100mesh).

REPORT A21-03616-Revised

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
1078551	0.016								
1078552	0.023								
1078553	0.040								
1078554	0.037								
1078555	0.009								
1078556	0.021								
1078557	0.091								
1078558	1.234								
1078559	0.778								
1078560	< 0.005								
1078561	0.193								
1078562	0.013								
1078563	0.408								
1078564	0.016								
1078565	0.010								
1078566	2.752								
1078567	0.013								
1078568	0.010								
1078569	0.009								
1078570	0.008								
1078571	0.011								
1078572	< 0.005								
1078573	< 0.005								
1078574	< 0.005								
1078575	< 0.005								
1078576	0.008								
1078577	0.153								
1078578	0.062								
1078579	0.012								
1078580	0.009								
1078581	0.011								
1078582	0.017								
1078583	0.031								
1078584	1.426								
1078585	0.005								
1078586	0.013								
1078587	0.245								
1078588	0.053								
1078589	< 0.005								
1078590	< 0.005								
1078591	0.026								
1078592	0.005								
1078593	< 0.005								
1078594	0.006								
1078595	0.077								
1078596	< 0.005								
1078597	0.007								
1078598	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
1078599	0.012								
1078600	0.092								
1078601	0.373								
1078602	0.184								
1078603	0.374								
1078604	0.014								
1078605	0.027								
1078606	0.006								
1078607	0.007								
1078608	0.047								
1078609	0.034								
1078610	0.067								
1078611	0.070								
1078612	0.486								
1078613	0.092								
1078614	0.115								
1078615	0.231								
1078616	0.060								
1078617	0.153								
1078618	0.012								
1078619	0.499								
1078620	0.026								
1078621	0.162								
1078622	0.029								
1078623	0.021								
1078624	< 0.005								
1078625	0.008								
1078626	0.018								
1078627	0.049								
1078628	0.047								
1078629	0.040								
1078630	0.041								
1078631	0.092								
1078632	0.030								
1078633	0.124								
1078634	0.051								
1078635	0.033								
1078636	0.674								
1078637	0.104								
1078638	0.052								
1078639	0.122								
1078640	0.230								
1078641	0.256								
1078642	0.042								
1078643	0.097								
1078644	0.039								
1078645	0.057								
1078646	0.049								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
1078647	0.037								
1078648	< 0.005								
1078649	0.053								
1078650	0.128								
1078651	0.011								
1078652	0.205								
1078653	0.305								
1078654	0.402								
1078655	1.220								
1078656	1.316								
1078657	2.167								
1078658	0.581								
1078659	0.130								
1078660	0.178								
1078661	0.717								
1078662	0.231								
1078663	0.272								
1078664	1.102								
1078665	0.777								
1078666	0.270								
1078667	0.146								
1078668	0.271								
1078669	0.072								
1078670	0.089								
1078671	0.054								
1078672	< 0.005								
1078673	0.054								
1078674	0.043								
1078675	0.053								
1078676	0.116								
1078677	0.052								
1078678	0.015								
1078679	0.013								
1078680	0.042								
1078681	0.246								
1078682	0.126								
1078683	0.085								
1078684	1.462								
1078685	0.148								
1078686	0.090								
1078687	0.126								
1078688	0.118								
1078689	0.130								
1078690	0.363								
1078691	0.060								
1078692	0.097								
1078693	0.130								
1078694	0.080								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
1078695	0.020								
1078696	< 0.005								
1078697	0.286								
1078698	0.059								
1078699	0.126								
1078700	0.036								
1078701	0.039								
1078702	0.028								
1078703	0.345								
1078704	0.061								
1078705	0.180								
1078706	0.513								
1078707	0.091								
1078708	0.148								
1078709	0.295								
1078710	0.459								
1078711	0.149								
1078712	0.474								
1078713	0.235								
1078714	0.566								
1078715	0.064								
1078716	0.033								
1078717	0.172								
1078718	0.117								
1078719	0.272								
1078720	0.798								
1078721	0.216								
1078722	0.045								
1078723	0.085								
1078724	< 0.005								
1078725	0.032								
1078726	0.035								
1078727	0.048								
1078728	0.036								
1078729	0.067								
1078730	0.060								
1078731	0.418								
1078732	0.050								
1078733	0.168								
1078734	0.074								
1078735	0.041								
1078736	0.673								
1078737	0.105								
1078738	0.060								
1078739	0.010								
1078740	0.024								
1078741	0.074								
1078742	0.011								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
1078743	0.123								
1078744	0.226								
1078745	0.272								
1078746	0.291								
1078747	0.036								
1078748	< 0.005								
1078749	0.419								
1078750	0.393								
1078751	0.155								
1078752	0.494								
1078753	0.053								
1078754	0.583								
1078755	0.585								
1078756	0.618								
1078757	0.534								
1078758	0.167								
1078759	0.124								
1078760	0.178								
1078761	0.384								
1078762	0.249								
1078763	0.364								
1078764	0.334								
1078765	0.165								
1078766	0.141								
1078767	0.065								
1078768	0.109								
1078769	0.203								
1078770	0.229								
1078771	2.598								
1078772	< 0.005								
1078773	1.086								
1078774	0.062								
1078775	0.217								
1078776	0.096								
1078777	0.841								
1078778	0.102								
1078779	0.113								
1078780	0.133								
1078781	1.196								
1078782	0.109								
1078783	0.213								
1078784	1.443								
1078785	0.610								
1078786	0.272								
1078787	0.108								
1078788	0.114								
1078789	0.110								
1078790	0.288								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
1078791	0.087								
1078792	0.110								
1078793	0.101								
1078794	0.232								
1078795	0.195								
1078796	< 0.005								
1078797	0.109								
1078798	0.153								
1078799	0.065								
1078800	0.204								
1078801	0.105								
1078802	0.055								
1078803	0.069								
1078804	0.205								
1078805	0.251								
1078806	0.205								
1078807	0.097								
1078808	0.114								
1078809	1.056								
1078810	0.115								
1078811	0.089								
1078812	0.484								
1078813	0.127								
1078814	1.423								
1078815	0.614								
1078816	0.178								
1078817	0.256								
1078818	0.297								
1078819	0.081								
1078820	0.095								
1078821	0.067								
1078822	0.116								
1078823	0.155								
1078824	< 0.005								
1078825	0.813								
1078826	0.123								
1078827	0.091								
1078828	0.058								
1078829	0.059								
1078830	0.062								
1078831	0.232								
1078832	0.458								
1078833	4.000	4.26							
1078834	0.284								
1078835	0.398								
1078836	0.696								
1078837	0.008								
1078838	0.051								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
1078839	1.973								
1078840	1.308								
1078841	2.126								
1078842	4.175	4.19							
1078843	0.183								
1078844	0.699								
1078845	0.217								
1078846	0.359								
1078847	0.209								
1078848	< 0.005								
1078849	0.225								
1078850	0.216								
1078851	0.135								
1078852	0.211								
1078853	0.531								
1078854	0.216								
1078855	0.268								
1078856	0.513								
1078857	0.474								
1078858	0.479								
1078859	0.149								
1078860	0.183								
1078861	0.344								
1078862	0.262								
1078863	0.235								
1078864	0.463								
1078865	0.231								
1078866	0.010								
1078867	< 0.005								
1078868	0.123								
1078869	0.085								
1078870	0.080								
1078871	0.298								
1078872	< 0.005								
1078873	0.452								
1078874	0.674								
1078875	0.125								
1078876	0.293								
1078877	0.145								
1078878	0.062								
1078879	0.345								
1078880	0.052								
1078881	0.257								
1078882	0.259								
1078883	0.535								
1078884	1.532								
1078885	1.166								
1078886	0.131								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
1078887	0.251								
1078888	0.594								
1078889	0.643								
1078890	0.383								
1078891	0.736								
1078892	0.192								
1078893	0.127								
1078894	0.454								
1078895	0.827								
1078896	0.008								
1078897	0.025								
1078898	2.702								
1078899	0.428								
1078900	> 5.000	6.45	48.2	3.12	3.79	5.51	48.54	1006.0	1054.5
1078901	0.289								
1078902	0.471								
1078903	0.280								
1078904	0.230								
1078905	0.345								
1078906	0.222								
1078907	0.297								
1078908	0.014								
1078909	0.012								
1078910	0.013								
1078911	0.011								
1078912	0.494								
1078913	0.049								
1078914	0.163								
1078915	1.240								
1078916	0.011								
1078917	0.008								
1078918	0.007								
1078919	1.159								
1078920	0.692								
1078921	0.082								
1078922	0.212								
1078923	0.142								
1078924	< 0.005								
1078925	0.723								
1078926	0.658								
1078927	0.313								
1078928	0.939								
1078929	0.543								
1078930	0.420								
1078931	0.452								
1078932	0.235								
1078933	0.024								
1078934	0.062								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
1078935	0.171								
1078936	0.676								
1078937	1.670								
1078938	0.680								
1078939	0.208								
1078940	0.257								
1078941	0.564								
1078942	0.259								
1078943	0.679								
1078944	0.558								
1078945	1.481								
1078946	0.709								
1078947	0.525								
1078948	< 0.005								
1078949	0.326								
1078950	0.341								
1078951	0.346								
1078952	1.187								
1078953	0.208								
1078954	0.454								
1078955	0.107								
1078956	0.130								
1078957	0.137								
1078958	0.191								
1078959	0.250								
1078960	0.184								
1078961	0.578								
1078962	0.174								
1078963	0.475								
1078964	0.590								
1078965	0.664								
1078966	0.345								
1078967	0.620								
1078968	0.244								
1078969	0.176								
1078970	0.492								
1078971	0.242								
1078972	< 0.005								
1078973	0.241								
1078974	0.085								
1078975	0.452								
1078976	0.227								
1078977	0.117								
1078978	0.099								
1078979	0.137								
1078980	0.124								
1078981	0.195								
1078982	0.132								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
1078983	0.170								
1078984	1.436								
1078985	0.198								
1078986	0.282								
1078987	0.097								
1078988	0.138								
1078989	0.028								
1078990	0.006								
1078991	0.009								
1078992	0.005								
1078993	0.114								
1078994	0.130								
1078995	0.257								
1078996	< 0.005								
1078997	0.195								
1078998	0.299								
1078999	0.175								
1079000	0.169								
432001	0.216								
432002	0.096								
432003	0.113								
432004	0.129								
432005	0.270								
432006	0.063								
432007	0.266								
432008	0.101								
432009	0.100								
432010	0.125								
432011	0.109								
432012	0.487								
432013	0.110								
432014	0.123								
432015	0.260								
432016	0.324								
432017	0.857								
432018	0.161								
432019	0.134								
432020	0.121								
432021	0.048								
432022	0.480								
432023	0.111								
432024	< 0.005								
432025	0.090								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g
Lower Limit	0.005	0.03	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
OREAS 217 (Fire Assay) Meas	0.338			
OREAS 217 (Fire Assay) Cert	0.338			
OREAS 217 (Fire Assay) Meas	0.331			
OREAS 217 (Fire Assay) Cert	0.338			
OREAS 217 (Fire Assay) Meas	0.337			
OREAS 217 (Fire Assay) Cert	0.338			
OREAS 217 (Fire Assay) Meas	0.348			
OREAS 217 (Fire Assay) Cert	0.338			
OREAS 217 (Fire Assay) Meas	0.335			
OREAS 217 (Fire Assay) Cert	0.338			
OREAS 217 (Fire Assay) Meas	0.337			
OREAS 217 (Fire Assay) Cert	0.338			
OREAS 217 (Fire Assay) Meas	0.343			
OREAS 217 (Fire Assay) Cert	0.338			
OREAS 217 (Fire Assay) Meas	0.348			
OREAS 217 (Fire Assay) Cert	0.338			
OREAS 217 (Fire Assay) Meas	0.339			
OREAS 217 (Fire Assay) Cert	0.338			
OREAS 217 (Fire Assay) Meas	0.341			
OREAS 217 (Fire Assay) Cert	0.338			
OREAS 217 (Fire Assay) Meas	0.342			
OREAS 217 (Fire Assay) Cert	0.338			
OREAS 217 (Fire Assay) Meas	0.326			
OREAS 217 (Fire Assay) Cert	0.338			
OREAS 217 (Fire Assay) Meas	0.331			
OREAS 217 (Fire Assay) Cert	0.338			
OREAS 217 (Fire Assay) Meas	0.334			
OREAS 217 (Fire Assay) Cert	0.338			
OREAS 217 (Fire Assay) Meas	0.333			

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g
Lower Limit	0.005	0.03	0.03	
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT
Assay) Meas				
OREAS 217 (Fire Assay) Cert	0.338			
OREAS 217 (Fire Assay) Meas	0.330			
OREAS 217 (Fire Assay) Cert	0.338			
OREAS 229b (Fire Assay) Meas		12.0	12.1	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
Oreas 237 (Fire Assay) Meas	2.158			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.191			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.193			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.189			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.227			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.207			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.214			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.276			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.300			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.205			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.227			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.157			

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g
Lower Limit	0.005	0.03	0.03	
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.194			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.253			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.177			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.206			
Oreas 237 (Fire Assay) Cert	2.21			
OREAS 228 Meas		8.72		
OREAS 228 Cert		8.73		
1078560 Orig	< 0.005			
1078560 Dup	< 0.005			
1078570 Orig	0.010			
1078570 Dup	0.006			
1078580 Orig	0.008			
1078580 Dup	0.010			
1078600 Split Orig PREP DUP	0.092			
1078600 Split PREP DUP	0.063			
1078601 Orig	0.359			
1078601 Dup	0.388			
1078607 Orig	0.006			
1078607 Dup	0.007			
1078608 Orig	0.040			
1078608 Dup	0.054			
1078618 Orig	0.012			
1078618 Dup	0.011			
1078621 Orig	0.157			
1078621 Dup	0.166			
1078638 Orig	0.057			
1078638 Dup	0.046			
1078646 Orig	0.045			
1078646 Dup	0.052			
1078650 Split Orig PREP DUP	0.128			
1078650 Split PREP DUP	0.160			
1078650 Split Orig PREP DUP	0.252			
1078650 Split PREP DUP	0.128			
1078661 Orig	0.694			

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g
Lower Limit	0.005	0.03	0.03	
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT
1078661 Dup	0.739			
1078676 Orig	0.110			
1078676 Dup	0.150			
1078686 Orig	0.076			
1078686 Dup	0.104			
1078700 Split Orig PREP DUP	0.036			
1078700 Split PREP DUP	0.028			
1078715 Orig	0.055			
1078715 Dup	0.072			
1078729 Orig	0.062			
1078729 Dup	0.072			
1078739 Orig	0.011			
1078739 Dup	0.009			
1078750 Split Orig PREP DUP	0.393			
1078750 Split PREP DUP	0.279			
1078753 Orig	0.050			
1078753 Dup	0.056			
1078758 Orig	0.166			
1078758 Dup	0.169			
1078767 Orig	0.060			
1078767 Dup	0.070			
1078780 Orig	0.115			
1078780 Dup	0.151			
1078799 Orig	0.078			
1078799 Dup	0.053			
1078800 Split Orig PREP DUP	0.204			
1078800 Split PREP DUP	0.145			
1078819 Orig	0.090			
1078819 Dup	0.071			
1078834 Orig	0.289			
1078834 Dup	0.279			
1078850 Split Orig PREP DUP	0.216			
1078850 Split PREP DUP	0.273			
1078853 Orig	0.550			
1078853 Dup	0.512			
1078873 Orig	0.424			
1078873 Dup	0.481			
1078881 Orig	0.224			
1078881 Dup	0.290			
1078882 Orig	0.256			
1078882 Dup	0.262			
1078892 Orig	0.190			
1078892 Dup	0.194			
1078895 Orig	0.859			

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g
Lower Limit	0.005	0.03	0.03	
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT
1078895 Dup	0.795			
1078900 Split Orig PREP DUP	> 5.000	6.45		
1078900 Split PREP DUP	> 5.000	5.48		
1078909 Orig	0.011			
1078909 Dup	0.013			
1078935 Orig	0.166			
1078935 Dup	0.177			
1078949 Orig	0.303			
1078949 Dup	0.348			
1078950 Split Orig PREP DUP	0.341			
1078950 Split PREP DUP	0.276			
1078959 Orig	0.273			
1078959 Dup	0.226			
1078964 Orig	0.607			
1078964 Dup	0.572			
1078974 Orig	0.081			
1078974 Dup	0.089			
1078989 Orig	0.023			
1078989 Dup	0.033			
1079000 Split Orig PREP DUP	0.169			
1079000 Split PREP DUP	0.187			
432011 Orig	0.111			
432011 Dup	0.107			
432025 Split Orig PREP DUP	0.090			
432025 Split PREP DUP	0.074			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g
Lower Limit	0.005	0.03	0.03	
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank		< 0.03		
Method Blank		< 0.03		
Method Blank	< 0.005			
Method Blank	0.007			
Method Blank			< 0.03	
Method Blank	< 0.005			
Method Blank	< 0.005			



Report No.: A21-03618
Report Date: 01-Apr-21
Date Submitted: 04-Mar-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

95 Rock samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2-Timmins (ppm) | QOP AA-Au (Au - Fire Assay AA) | 2021-03-29 16:43:25

REPORT A21-03618

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
432026	0.013
432027	0.055
432028	0.144
432029	0.053
432030	0.029
432031	0.077
432032	0.050
432033	0.090
432034	0.015
432035	0.016
432036	0.652
432037	0.010
432038	0.009
432039	0.009
432040	0.147
432041	0.010
432042	0.007
432043	0.084
432044	0.063
432045	0.076
432046	0.028
432047	0.087
432048	< 0.005
432049	0.178
432050	0.120
432051	0.315
432052	0.068
432053	0.249
432054	2.067
432055	0.052
432056	0.065
432057	0.217
432058	0.234
432059	0.170
432060	0.173
432061	0.036
432062	0.090
432063	0.145
432064	0.133
432065	0.092
432066	0.079
432067	0.030
432068	< 0.005
432069	< 0.005
432070	< 0.005
432071	< 0.005
432072	< 0.005
432073	0.159
432074	0.068
432075	0.259
432076	0.007

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
432077	0.011
432078	0.246
432079	0.021
432080	0.035
432081	0.531
432082	0.922
432083	0.513
432084	< 0.005
432085	1.505
432086	1.664
432087	0.005
432088	0.920
432089	0.080
432090	0.241
432091	1.127
432092	0.126
432093	0.043
432094	0.041
432095	0.202
432096	< 0.005
432097	0.449
432098	0.044
432099	0.056
432100	0.040
432101	0.151
432102	0.150
432103	0.329
432104	0.164
432105	0.058
432106	0.051
432107	0.018
432108	0.160
432109	0.068
432110	0.059
432111	0.016
432112	0.479
432113	0.047
432114	0.272
432115	0.058
432116	0.008
432117	0.062
432118	0.108
432119	0.063
432120	0.070

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.144
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.248
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.136
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.202
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.523
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.496
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.503
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.519
Oreas E1336 (Fire Assay) Cert	0.510
432035 Orig	0.017
432035 Dup	0.014
432070 Orig	< 0.005
432070 Dup	0.005
432075 Split Orig PULP DUP	0.259
432075 Split PULP DUP	0.360
432079 Orig	0.026
432079 Dup	0.016
432089 Orig	0.087
432089 Dup	0.073
432104 Orig	0.170
432104 Dup	0.158
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-04574
Report Date: 29-Apr-21
Date Submitted: 18-Mar-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

395 Rock samples were submitted for analysis.

Table with 3 columns: Analytical package, Method, and Testing Date. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

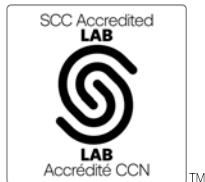
REPORT A21-04574

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432121	0.198								
432122	0.074								
432123	0.119								
432124	< 0.005								
432125	0.689								
432126	0.181								
432127	0.056								
432128	0.013								
432129	0.151								
432130	0.125								
432131	0.153								
432132	0.015								
432133	0.038								
432134	0.010								
432135	0.029								
432136	0.670								
432137	0.264								
432138	0.668								
432139	0.019								
432140	0.100								
432141	0.828								
432142	0.563								
432143	0.153								
432144	0.299								
432145	0.026								
432146	0.048								
432147	0.063								
432148	< 0.005								
432149	0.140								
432150	0.140								
432151	0.031								
432152	0.150								
432153	0.064								
432154	0.047								
432155	0.035								
432156	0.078								
432157	0.040								
432158	0.041								
432159	0.069								
432160	0.188								
432161	0.072								
432162	0.005								
432163	0.442								
432164	0.033								
432165	0.027								
432166	0.009								
432167	0.009								
432168	0.310								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432169	0.127								
432170	0.021								
432171	0.042								
432172	< 0.005								
432173	0.008								
432174	0.044								
432175	0.102								
432176	0.017								
432177	4.740	5.72	1.04	1.18	0.96	1.07	54.60	450.93	505.53
432178	0.840								
432179	0.052								
432180	0.127								
432181	0.013								
432182	0.210								
432183	0.058								
432184	1.462								
432185	0.117								
432186	0.361								
432187	0.053								
432188	0.040								
432189	0.015								
432190	0.040								
432191	0.178								
432192	0.101								
432193	0.023								
432194	0.016								
432195	0.038								
432196	< 0.005								
432197	0.014								
432198	0.022								
432199	0.023								
432200	0.027								
432201	0.012								
432202	0.017								
432203	0.020								
432204	0.020								
432205	0.130								
432206	1.675								
432207	2.113								
432208	0.017								
432209	0.008								
432210	0.011								
432211	0.042								
432212	0.499								
432213	0.093								
432214	0.010								
432215	0.011								
432216	0.015								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432217	< 0.005								
432218	0.006								
432219	0.423								
432220	0.048								
432221	0.175								
432222	0.040								
432223	0.014								
432224	< 0.005								
432225	0.173								
432226	0.691								
432227	0.119								
432228	0.051								
432229	0.103								
432230	0.143								
432231	0.161								
432232	0.039								
432233	0.107								
432234	0.047								
432235	0.023								
432236	0.670								
432237	0.007								
432238	0.101								
432239	0.237								
432240	0.249								
432241	0.124								
432242	0.371								
432243	0.218								
432244	1.465								
432245	0.225								
432246	0.244								
432247	0.149								
432248	< 0.005								
432249	0.015								
432250	0.067								
432251	< 0.005								
432252	0.005								
432253	0.104								
432254	1.267								
432255	0.197								
432256	0.905								
432257	0.112								
432258	0.273								
432259	0.266								
432260	0.170								
432261	0.148								
432262	0.112								
432263	0.114								
432264	0.086								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432265	0.136								
432266	0.100								
432267	0.073								
432268	0.060								
432269	0.120								
432270	0.150								
432271	0.053								
432272	< 0.005								
432273	0.169								
432274	0.370								
432275	0.026								
432276	0.131								
432277	0.212								
432278	0.100								
432279	0.113								
432280	1.190								
432281	0.132								
432282	0.174								
432283	0.516								
432284	1.391								
432285	1.015								
432286	0.236								
432287	0.542								
432288	0.586								
432289	0.999								
432290	1.615								
432291	0.290								
432292	0.610								
432293	0.724								
432294	0.037								
432295	0.523								
432296	< 0.005								
432297	0.169								
432298	0.333								
432299	0.130								
432300	0.040								
432301	0.019								
432302	0.097								
432303	0.045								
432304	0.072								
432305	0.045								
432306	0.055								
432307	0.173								
432308	0.151								
432309	0.184								
432310	0.167								
432311	0.312								
432312	0.474								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432313	0.773								
432314	0.088								
432315	0.433								
432316	0.835								
432317	0.140								
432318	0.219								
432319	1.879								
432320	0.698								
432321	0.198								
432322	0.195								
432323	2.870								
432324	< 0.005								
432325	> 5.000	7.89	6.15	5.29	6.48	5.91	37.21	442.16	479.37
432326	2.929								
432327	0.940								
432328	0.816								
432329	2.124								
432330	2.237								
432331	2.252								
432332	4.608	4.40							
432333	2.745								
432334	1.117								
432335	0.545								
432336	0.661								
432337	3.965	4.79							
432338	> 5.000	5.59	10.1	4.50	4.64	4.91	30.70	465.21	495.91
432339	3.238	4.26							
432340	1.280								
432341	1.034								
432342	0.992								
432343	1.486								
432344	1.149								
432345	0.331								
432346	0.938								
432347	3.099	3.09							
432348	< 0.005								
432349	0.931								
432350	0.837								
432351	0.019								
432352	0.095								
432353	1.046								
432354	0.322								
432355	0.069								
432356	0.204								
432357	1.662								
432358	0.379								
432359	0.481								
432360	0.176								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432361	1.519								
432362	0.544								
432363	1.072								
432364	> 5.000	20.0	199	1.13	1.26	9.40	20.70	478.84	499.54
432365	0.466								
432366	0.811								
432367	1.905								
432368	3.482	2.86							
432369	2.948								
432370	1.479								
432371	0.741								
432372	< 0.005								
432373	2.564								
432374	2.654								
432375	0.945								
432376	0.233								
432377	0.423								
432378	0.650								
432379	0.717								
432380	0.938								
432381	0.643								
432382	0.144								
432383	0.489								
432384	1.479								
432385	1.401								
432386	1.009								
432387	0.484								
432388	0.260								
432389	0.755								
432390	1.868								
432391	0.765								
432392	1.271								
432393	0.475								
432394	0.442								
432395	0.610								
432396	< 0.005								
432397	2.338								
432398	2.651								
432399	1.613								
432400	3.800	4.39							
432401	0.231								
432402	0.884								
432403	2.635								
432404	1.038								
432405	0.421								
432406	0.323								
432407	0.641								
432408	1.038								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432409	0.643								
432410	0.698								
432411	0.012								
432412	0.502								
432413	0.006								
432414	0.607								
432415	0.352								
432416	1.811								
432417	1.709								
432418	1.194								
432419	0.472								
432420	1.013								
432421	0.634								
432422	0.386								
432423	2.366								
432424	< 0.005								
432425	1.067								
432426	0.463								
432427	0.762								
432428	3.632	3.95							
432429	1.521								
432430	0.848								
432431	1.141								
432432	1.083								
432433	2.199								
432434	0.883								
432435	1.958								
432436	0.658								
432437	0.866								
432438	1.667								
432439	0.641								
432440	1.475								
432441	> 5.000	5.16	18.7	5.32	4.12	5.87	40.55	452.21	492.76
432442	0.006								
432443	0.801								
432444	2.999								
432445	< 0.005								
432446	4.866	6.18	5.74	4.91	5.76	5.39	69.81	448.48	518.29
432447	2.309								
432448	0.006								
432449	2.888								
432450	2.783								
432451	4.654	6.07	3.77	3.65	2.92	3.35	62.08	439.47	501.55
432452	3.485	3.53							
432453	0.007								
432454	> 5.000	9.34	19.1	5.23	5.19	6.20	35.62	461.03	496.65
432455	1.940								
432456	> 5.000	9.46	18.7	10.0	11.5	11.4	36.92	449.83	486.75

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432457	4.187	3.92							
432458	2.929								
432459	2.289								
432460	0.182								
432461	> 5.000	5.69	4.93	5.15	4.84	4.99	47.28	444.09	491.37
432462	> 5.000	6.13	3.99	6.53	6.02	6.11	35.32	465.56	500.88
432463	> 5.000	18.2	34.4	21.2	23.0	23.0	36.88	437.85	474.73
432464	0.006								
432465	> 5.000	7.30	5.08	4.38	4.24	4.37	35.03	448.93	483.96
432466	> 5.000	8.44	14.0	9.54	8.68	9.51	40.49	454.83	495.32
432467	< 0.005								
432468	> 5.000	5.35	3.36	5.88	5.88	5.71	33.62	465.55	499.17
432469	< 0.005								
432470	4.104	6.12	9.87	3.33	3.81	4.27	56.23	448.10	504.33
432471	< 0.005								
432472	3.354	2.63							
432473	1.771								
432474	< 0.005								
432475	1.115								
432476	> 5.000	7.10	2.84	6.06	7.11	6.29	38.08	455.87	493.95
432477	> 5.000	17.3	16.9	23.2	24.3	23.2	38.01	431.87	469.88
432478	> 5.000	19.9	99.4	22.5	24.4	29.9	41.31	441.60	482.91
432479	0.019								
432480	> 5.000	8.85	11.0	5.22	6.36	6.19	38.85	464.25	503.10
432481	1.677								
432482	3.502	3.39							
432483	2.858								
432484	1.450								
432485	1.824								
432486	2.172								
432487	1.270								
432488	1.422								
432489	0.365								
432490	0.620								
432491	0.949								
432492	0.640								
432493	1.599								
432494	< 0.005								
432495	1.261								
432496	< 0.005								
432497	1.452								
432498	1.044								
432499	1.554								
432500	0.514								
432501	0.178								
432502	0.199								
432503	0.289								
432504	0.285								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432505	< 0.005								
432506	0.012								
432507	0.016								
432508	0.026								
432509	0.011								
432510	0.014								
432511	0.064								
432512	0.505								
432513	0.037								
432514	0.019								
432515	0.008								

Analyte Symbol	Au	Au	Total Au
Unit Symbol	ppm	g/tonne	g/mt
Lower Limit	0.005	0.02	0.03
Method Code	FA-AA	FA- GRA	FA-MeT
OREAS 229b (Fire Assay) Meas		11.5	12.4
OREAS 229b (Fire Assay) Cert		11.9	11.9
OREAS 229b (Fire Assay) Meas		12.2	11.5
OREAS 229b (Fire Assay) Cert		11.9	11.9
OREAS 229b (Fire Assay) Meas		11.7	11.9
OREAS 229b (Fire Assay) Cert		11.9	11.9
OREAS 229b (Fire Assay) Meas		11.9	12.0
OREAS 229b (Fire Assay) Cert		11.9	11.9
Oreas 237 (Fire Assay) Meas	2.226		
Oreas 237 (Fire Assay) Cert	2.21		
Oreas 237 (Fire Assay) Meas	2.179		
Oreas 237 (Fire Assay) Cert	2.21		
Oreas 237 (Fire Assay) Meas	2.146		
Oreas 237 (Fire Assay) Cert	2.21		
Oreas 237 (Fire Assay) Meas	2.263		
Oreas 237 (Fire Assay) Cert	2.21		
Oreas 237 (Fire Assay) Meas	2.191		
Oreas 237 (Fire Assay) Cert	2.21		
Oreas 237 (Fire Assay) Meas	2.197		
Oreas 237 (Fire Assay) Cert	2.21		
Oreas 237 (Fire Assay) Meas	2.163		
Oreas 237 (Fire Assay) Cert	2.21		
Oreas 237 (Fire Assay) Meas	2.244		
Oreas 237 (Fire Assay) Cert	2.21		
Oreas 237 (Fire Assay) Meas	2.259		
Oreas 237 (Fire Assay) Cert	2.21		
Oreas 237 (Fire Assay) Meas	2.234		
Oreas 237 (Fire Assay) Cert	2.21		
Oreas 237 (Fire Assay) Meas	2.206		

Analyte Symbol	Au	Au	Total Au
Unit Symbol	ppm	g/tonne	g/mt
Lower Limit	0.005	0.02	0.03
Method Code	FA-AA	FA- GRA	FA-MeT
Assay) Meas			
Oreas 237 (Fire Assay) Cert	2.21		
Oreas 237 (Fire Assay) Meas	2.174		
Oreas 237 (Fire Assay) Cert	2.21		
Oreas 237 (Fire Assay) Meas	2.145		
Oreas 237 (Fire Assay) Cert	2.21		
Oreas 237 (Fire Assay) Meas	2.257		
Oreas 237 (Fire Assay) Cert	2.21		
Oreas 237 (Fire Assay) Meas	2.244		
Oreas 237 (Fire Assay) Cert	2.21		
Oreas 237 (Fire Assay) Meas	2.111		
Oreas 237 (Fire Assay) Cert	2.21		
Oreas 237 (Fire Assay) Meas	2.137		
Oreas 237 (Fire Assay) Cert	2.21		
OREAS 228b (Fire Assay) Meas		8.24	8.76
OREAS 228b (Fire Assay) Cert		8.57	8.57
OREAS 228b (Fire Assay) Meas		8.23	8.90
OREAS 228b (Fire Assay) Cert		8.57	8.57
OREAS 228b (Fire Assay) Meas		8.19	8.38
OREAS 228b (Fire Assay) Cert		8.57	8.57
OREAS 228b (Fire Assay) Meas		8.31	8.80
OREAS 228b (Fire Assay) Cert		8.57	8.57
Oreas E1336 (Fire Assay) Meas	0.522		
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.499		
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.507		
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.512		

Analyte Symbol	Au	Au	Total Au
Unit Symbol	ppm	g/tonne	g/mt
Lower Limit	0.005	0.02	0.03
Method Code	FA-AA	FA- GRA	FA-MeT
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.496		
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.513		
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.523		
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.527		
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.527		
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.524		
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.509		
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.501		
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.505		
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.528		
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.510		
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.510		
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.509		
Oreas E1336 (Fire Assay) Cert	0.510		
Oreas E1336 (Fire Assay) Meas	0.514		
Oreas E1336 (Fire Assay) Cert	0.510		
432140 Orig	0.115		
432140 Dup	0.084		

Analyte Symbol	Au	Au	Total Au
Unit Symbol	ppm	g/tonne	g/mt
Lower Limit	0.005	0.02	0.03
Method Code	FA-AA	FA- GRA	FA-MeT
432150 Orig	0.157		
432150 Dup	0.122		
432165 Orig	0.033		
432165 Dup	0.021		
432170 Split Orig PREP DUP	0.021		
432170 Split PREP DUP	0.018		
432177 Orig			1.07
432185 Orig	0.101		
432185 Dup	0.133		
432209 Orig	0.005		
432209 Dup	0.011		
432220 Split Orig PREP DUP	0.048		
432220 Split PREP DUP	0.053		
432233 Orig	0.107		
432233 Dup	0.107		
432243 Orig	0.201		
432243 Dup	0.235		
432253 Orig	0.113		
432253 Dup	0.096		
432268 Orig	0.056		
432268 Dup	0.063		
432270 Split Orig PREP DUP	0.150		
432270 Split PREP DUP	0.101		
432277 Orig	0.206		
432277 Dup	0.218		
432302 Orig	0.114		
432302 Dup	0.081		
432313 Orig	0.740		
432313 Dup	0.805		
432320 Split Orig PREP DUP	0.698		
432320 Split PREP DUP	0.668		
432321 Orig	0.232		
432321 Dup	0.164		
432325 Orig			5.91
432338 Orig			4.91
432346 Orig	0.895		
432346 Dup	0.981		
432356 Orig	0.236		
432356 Dup	0.173		
432364 Orig		21.4	9.40
432364 Dup		18.6	
432370 Split Orig PREP DUP	1.479		
432370 Split	1.348		

Analyte Symbol	Au	Au	Total Au
Unit Symbol	ppm	g/tonne	g/mt
Lower Limit	0.005	0.02	0.03
Method Code	FA-AA	FA- GRA	FA-MeT
PREP DUP			
432370 Split PREP DUP	1.348		
432380 Orig	0.917		
432380 Dup	0.959		
432385 Orig	1.289		
432385 Dup	1.514		
432390 Orig	1.868		
432420 Split Orig PREP DUP	1.013		
432420 Split PREP DUP	0.870		
432441 Orig			5.87
432446 Orig			5.39
432451 Orig			3.35
432452 Orig	3.485		
432454 Orig			6.20
432456 Orig			11.4
432461 Orig			4.99
432462 Orig			6.11
432463 Orig		19.7	23.0
432463 Dup		16.7	
432465 Orig			4.37
432466 Orig			9.51
432468 Orig			5.71
432470 Split Orig PREP DUP	4.104	6.12	
432470 Split PREP DUP	4.698	6.30	
432470 Orig			4.27
432476 Orig			6.29
432477 Orig			23.2
432478 Orig			29.9
432480 Orig			6.19
432493 Orig	1.667		
432493 Dup	1.532		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		

Analyte Symbol	Au	Au	Total Au
Unit Symbol	ppm	g/tonne	g/mt
Lower Limit	0.005	0.02	0.03
Method Code	FA-AA	FA- GRA	FA-MeT
Method Blank	0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank		< 0.02	
Method Blank		< 0.02	
Method Blank		< 0.02	
Method Blank		< 0.02	
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank		< 0.02	
Method Blank		< 0.02	
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank		< 0.02	
Method Blank		< 0.02	
Method Blank			< 0.03
Method Blank			< 0.03
Method Blank			< 0.03
Method Blank			< 0.03
Method Blank			< 0.03
Method Blank			< 0.03
Method Blank	< 0.005		
Method Blank	< 0.005		
Method Blank			< 0.03
Method Blank			< 0.03



Report No.: A21-05056
Report Date: 29-Apr-21
Date Submitted: 26-Mar-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

158 Rock samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

REPORT A21-05056

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438001	0.900								
438002	0.914								
438003	0.549								
438004	0.693								
438005	0.196								
438006	0.097								
438007	0.264								
438008	0.041								
438009	0.005								
438010	< 0.005								
438011	0.069								
438012	0.498								
438013	0.107								
438014	0.155								
438015	0.142								
438016	0.403								
438017	0.419								
438018	0.132								
438019	0.030								
438020	0.126								
438021	0.114								
438022	0.227								
438023	0.339								
438024	< 0.005								
438025	0.307								
438026	0.418								
438027	0.218								
438028	0.419								
438029	0.123								
438030	0.149								
438031	0.014								
438032	0.015								
438033	0.035								
438034	0.044								
438035	0.043								
438036	0.670								
438037	0.062								
438038	0.046								
438039	0.026								
438040	0.074								
438041	0.045								
438042	0.200								
438043	0.078								
438044	0.072								
438045	0.033								
438046	0.046								
438047	0.266								
438048	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438049	0.060								
438050	0.088								
438051	0.035								
438052	0.028								
438053	0.070								
438054	0.010								
438055	0.043								
438056	0.112								
438057	0.146								
438058	2.811								
438059	0.041								
438060	0.173								
438061	0.145								
438062	0.160								
438063	0.106								
438064	> 5.000	26.4	0.20	0.17	0.13	0.15	39.77	472.69	512.46
438065	0.146								
438066	0.253								
438067	0.213								
438068	0.139								
438069	0.179								
438070	0.289								
438071	0.167								
438072	< 0.005								
438073	0.149								
438074	0.224								
438075	0.286								
438076	0.188								
438077	0.085								
438078	0.064								
438079	0.071								
438080	0.029								
438081	0.079								
438082	0.026								
438083	0.026								
438084	1.528								
438085	0.090								
438086	0.092								
438087	0.088								
438088	0.271								
438089	0.012								
438090	0.027								
438091	0.026								
438092	0.031								
438093	0.052								
438094	0.375								
438095	0.028								
438096	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438097	0.017								
438098	0.021								
438099	0.025								
438100	0.030								
438101	0.067								
438102	0.052								
438103	0.085								
438104	0.271								
438105	0.663								
438106	0.429								
438107	0.019								
438108	0.336								
438109	0.058								
438110	0.495								
438111	0.049								
438112	0.505								
438113	> 5.000	8.13	8.07	0.37	0.30	0.89	39.79	507.00	546.79
438114	0.164								
438115	0.386								
438116	0.466								
438117	> 5.000	6.71	8.37	2.53	2.43	2.95	39.56	455.81	495.37
438118	1.015								
438119	0.277								
438120	0.372								
438121	0.323								
438122	0.017								
438123	0.255								
438124	< 0.005								
438125	0.239								
438126	0.300								
438127	0.153								
438128	0.064								
438129	0.072								
438130	0.078								
438131	0.133								
438132	0.229								
438133	0.073								
438134	0.299								
438135	1.311								
438136	0.674								
438137	0.105								
438138	0.029								
438139	0.069								
438140	0.131								
438141	0.118								
438142	0.748								
438143	1.368								
438144	2.468								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438145	1.162								
438146	1.433								
438147	> 5.000	8.40	19.3	3.32	2.93	4.40	38.80	453.73	492.53
438148	< 0.005								
438149	1.922								
438150	3.858	3.67							
438151	0.346								
438152	2.111								
438153	2.914								
438154	> 5.000	5.57	5.90	5.68	5.96	5.83	64.28	443.07	507.35
438155	> 5.000	5.91	30.0	4.60	5.19	7.61	54.42	449.02	503.44
438156	> 5.000	6.70	14.4	3.78	4.83	5.38	53.95	455.47	509.42
438157	> 5.000	7.17	3.42	7.82	9.24	8.03	49.63	458.82	508.45
438158	0.884								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g
Lower Limit	0.005	0.02	0.03	
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.0	12.4	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
OREAS 229b (Fire Assay) Meas		12.2	11.5	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
OREAS 229b (Fire Assay) Meas			12.3	
OREAS 229b (Fire Assay) Cert			11.9	
Oreas 237 (Fire Assay) Meas	2.283			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.260			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.260			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.179			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.312			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.149			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.241			
Oreas 237 (Fire Assay) Cert	2.21			
OREAS 228b (Fire Assay) Meas		8.53	8.76	
OREAS 228b (Fire Assay) Cert		8.57	8.57	
OREAS 228b (Fire Assay) Meas		8.75	8.88	
OREAS 228b (Fire Assay) Cert		8.57	8.57	
OREAS 228b (Fire Assay) Meas			8.35	
OREAS 228b (Fire Assay) Cert			8.57	
Oreas E1336 (Fire Assay) Meas	0.499			
Oreas E1336 (Fire Assay) Cert	0.510			
Oreas E1336 (Fire Assay) Meas	0.510			

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g
Lower Limit	0.005	0.02	0.03	
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT
Assay Meas				
Oreas E1336 (Fire Assay) Cert	0.510			
Oreas E1336 (Fire Assay) Meas	0.529			
Oreas E1336 (Fire Assay) Cert	0.510			
Oreas E1336 (Fire Assay) Meas	0.525			
Oreas E1336 (Fire Assay) Cert	0.510			
Oreas E1336 (Fire Assay) Meas	0.527			
Oreas E1336 (Fire Assay) Cert	0.510			
Oreas E1336 (Fire Assay) Meas	0.514			
Oreas E1336 (Fire Assay) Cert	0.510			
Oreas E1336 (Fire Assay) Meas	0.516			
Oreas E1336 (Fire Assay) Cert	0.510			
438010 Orig	< 0.005			
438010 Dup	< 0.005			
438020 Orig	0.123			
438020 Dup	0.130			
438045 Orig	0.038			
438045 Dup	0.028			
438050 Split Orig PREP DUP	0.088			
438050 Split PREP DUP	0.087			
438055 Orig	0.039			
438055 Dup	0.048			
438065 Orig	0.148			
438065 Dup	0.145			
438080 Orig	0.025			
438080 Dup	0.032			
438090 Orig	0.025			
438090 Dup	0.029			
438100 Split Orig PREP DUP	0.030			
438100 Split PREP DUP	0.046			
438113 Orig			0.89	546.79
438115 Orig	0.366			
438115 Dup	0.406			
438117 Orig	> 5.000	6.62	2.95	495.37
438117 Dup	> 5.000	6.81		
438135 Orig	1.309			
438135 Dup	1.312			
438147 Orig			4.40	492.53

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g
Lower Limit	0.005	0.02	0.03	
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT
438150 Split Orig PREP DUP	3.858	3.67		
438150 Split PREP DUP	3.742	3.90		
438150 Orig		3.67		
438150 Split PREP DUP		3.90		
438151 Orig	0.315			
438151 Dup	0.377			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	0.005			
Method Blank		< 0.02		
Method Blank		< 0.02		
Method Blank			< 0.03	
Method Blank			< 0.03	
Method Blank		< 0.02		
Method Blank		< 0.02		
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank			< 0.03	
Method Blank			< 0.03	
Method Blank			< 0.03	
Method Blank			< 0.03	



Report No.: A21-05065
Report Date: 03-May-21
Date Submitted: 26-Mar-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

242 Rock samples were submitted for analysis.

Table with 3 columns: Analytical package, Method, and Testing Date. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

REPORT A21-05065

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438159	0.017								
438160	0.170								
438161	0.067								
438162	0.025								
438163	0.200								
438164	0.018								
438165	0.054								
438166	0.038								
438167	0.088								
438168	0.080								
438169	0.017								
438170	0.043								
438171	0.176								
438172	0.006								
438173	0.021								
438174	0.015								
438175	0.007								
438176	0.398								
438177	0.144								
438178	0.185								
438179	0.263								
438180	0.076								
438181	0.100								
438182	0.020								
438183	0.010								
438184	1.456								
438185	0.008								
438186	0.012								
438187	0.025								
438188	0.021								
438189	0.038								
438190	0.054								
438191	0.037								
438192	0.121								
438193	0.075								
438194	0.436								
438195	0.103								
438196	< 0.005								
438197	0.033								
438198	0.044								
438199	0.090								
438200	0.061								
438201	0.217								
438202	0.304								
438203	0.199								
438204	0.208								
438205	0.127								
438206	0.207								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438207	0.165								
438208	0.136								
438209	0.071								
438210	0.091								
438211	0.070								
438212	0.448								
438213	0.018								
438214	0.062								
438215	0.013								
438216	0.015								
438217	0.050								
438218	0.016								
438219	0.029								
438220	0.017								
438221	0.060								
438222	0.097								
438223	> 5.000	11.1	13.5	6.10	7.29	7.33	45.94	446.55	492.49
438224	< 0.005								
438225	0.048								
438226	0.038								
438227	0.038								
438228	0.031								
438229	0.090								
438230	0.040								
438231	0.125								
438232	< 0.005								
438233	0.037								
438234	0.075								
438235	0.035								
438236	0.660								
438237	0.022								
438238	0.016								
438239	0.062								
438240	0.092								
438241	0.070								
438242	0.024								
438243	0.261								
438244	0.056								
438245	0.010								
438246	0.024								
438247	0.183								
438248	< 0.005								
438249	0.378								
438250	0.247								
438251	0.083								
438252	0.108								
438253	0.277								
438254	0.080								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438255	0.521								
438256	0.418								
438257	0.025								
438258	0.020								
438259	0.013								
438260	0.174								
438261	0.094								
438262	0.086								
438263	0.099								
438264	0.142								
438265	0.028								
438266	0.110								
438267	0.539								
438268	0.579								
438269	0.129								
438270	0.228								
438271	0.134								
438272	< 0.005								
438273	0.225								
438274	0.500								
438275	0.122								
438276	0.017								
438277	0.131								
438278	0.016								
438279	0.093								
438280	0.328								
438281	0.280								
438282	0.053								
438283	0.527								
438284	1.520								
438285	4.605	3.84							
438286	0.428								
438287	0.075								
438288	0.033								
438289	0.017								
438290	0.069								
438291	0.063								
438292	0.432								
438293	0.100								
438294	0.060								
438295	0.013								
438296	< 0.005								
438297	0.180								
438298	0.121								
438299	0.043								
438300	0.438								
438301	2.722								
438302	0.334								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438303	1.075								
438304	0.154								
438305	0.460								
438306	0.248								
438307	0.409								
438308	0.337								
438309	0.101								
438310	0.077								
438311	0.221								
438312	0.492								
438313	0.182								
438314	0.818								
438315	0.006								
438316	0.048								
438317	0.207								
438318	0.069								
438319	0.049								
438320	0.020								
438321	0.009								
438322	0.070								
438323	0.054								
438324	< 0.005								
438325	0.084								
438326	0.405								
438327	0.031								
438328	1.665								
438329	0.032								
438330	0.024								
438331	0.554								
438332	0.345								
438333	0.292								
438334	0.062								
438335	0.867								
438336	0.653								
438337	0.191								
438338	0.149								
438339	2.253								
438340	0.644								
438341	0.652								
438342	0.505								
438343	0.240								
438344	0.708								
438345	0.017								
438346	0.376								
438347	2.851								
438348	< 0.005								
438349	0.015								
438350	0.009								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438351	0.007								
438352	0.209								
438353	> 5.000	10.3	1.35	1.11	1.05	1.10	31.19	461.83	493.02
438354	0.725								
438355	0.223								
438356	0.321								
438357	< 0.005								
438358	0.041								
438359	0.104								
438360	0.165								
438361	> 5.000	7.61	160	2.67	2.63	9.61	22.07	477.00	499.07
438362	0.014								
438363	0.363								
438364	0.050								
438365	0.274								
438366	0.301								
438367	0.124								
438368	0.425								
438369	0.238								
438370	0.258								
438371	0.031								
438372	< 0.005								
438373	0.241								
438374	0.084								
438375	0.831								
438376	0.217								
438377	0.755								
438378	0.068								
438379	0.158								
438380	0.297								
438381	0.232								
438382	0.293								
438383	0.684								
438384	1.525								
438385	0.014								
438386	0.655								
438387	0.015								
438388	0.015								
438389	0.011								
438390	0.049								
438391	0.115								
438392	0.188								
438393	1.183								
438394	0.104								
438395	0.173								
438396	< 0.005								
438397	0.705								
438398	0.401								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438399	0.217								
438400	0.621								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.0				12.3			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		12.2							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire Assay) Meas	2.247								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.299								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.308								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.243								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.186								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.275								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.165								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.169								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.53				8.64			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.60				8.45			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
Oreas E1336 (Fire Assay) Meas	0.522								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.510								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.514								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.516								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.514								
Oreas E1336 (Fire Assay) Cert	0.510								
438178 Orig	0.191								
438178 Dup	0.178								
438188 Orig	0.023								
438188 Dup	0.019								
438203 Orig	0.230								
438203 Dup	0.167								
438208 Split Orig PREP DUP	0.136								
438208 Split PREP DUP	0.154								
438213 Orig	0.015								
438213 Dup	0.020								
438222 Orig	0.093								
438222 Dup	0.101								
438223 Orig			13.5	6.10	7.29	7.33	45.94	446.55	492.49
438237 Orig	0.017								
438237 Dup	0.026								
438247 Orig	0.161								
438247 Dup	0.204								
438257 Orig	0.024								
438257 Dup	0.025								
438258 Split Orig PREP DUP	0.020								
438258 Split PREP DUP	0.012								
438271 Orig	0.137								
438271 Dup	0.132								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438281 Orig	0.289								
438281 Dup	0.270								
438306 Orig	0.232								
438306 Dup	0.265								
438308 Split Orig PREP DUP	0.337								
438308 Split PREP DUP	0.401								
438315 Orig	0.006								
438315 Dup	0.006								
438325 Orig	0.097								
438325 Dup	0.072								
438350 Orig	0.009								
438350 Dup	0.009								
438353 Orig			1.35	1.11	1.05	1.10	31.19	461.83	493.02
438358 Split Orig PREP DUP	0.041								
438358 Split PREP DUP	0.042								
438359 Orig	0.106								
438359 Dup	0.101								
438361 Orig			160	2.67	2.63	9.61	22.07	477.00	499.07
438385 Orig	0.013								
438385 Dup	0.014								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
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Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.02								
Method Blank	< 0.02								
Method Blank	< 0.02								
Method Blank	< 0.02								
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-05556
 Report Date: 04-May-21
 Date Submitted: 05-Apr-21
 Your Reference: GOS-234

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

413 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-04-28 07:25:49
1A3-50-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-04-29 11:52:35
1A4 (100mesh)-Timmins	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-05-03 06:17:31

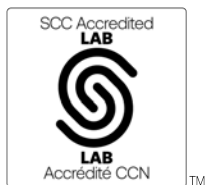
REPORT A21-05556

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438401	0.382								
438402	0.865								
438403	0.221								
438404	> 5.000	16.7	101	2.53	2.32	8.70	32.44	474.55	506.99
438405	1.063								
438406	4.335	4.47							
438407	1.232								
438408	2.449								
438409	1.205								
438410	0.796								
438411	0.414								
438412	0.498								
438413	0.800								
438414	1.815								
438415	0.462								
438416	0.138								
438417	0.332								
438418	1.117								
438419	0.126								
438420	0.225								
438421	0.446								
438422	0.075								
438423	0.273								
438424	< 0.005								
438425	0.091								
438426	0.073								
438427	0.615								
438428	0.553								
438429	0.854								
438430	0.905								
438431	0.092								
438432	0.396								
438433	0.505								
438434	2.585								
438435	1.130								
438436	0.700								
438437	0.412								
438438	0.032								
438439	0.168								
438440	0.028								
438441	0.644								
438442	0.751								
438443	3.260	3.10							
438444	0.530								
438445	0.202								
438446	0.234								
438447	0.199								
438448	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438449	0.153								
438450	0.137								
438451	0.224								
438452	0.926								
438453	0.367								
438454	0.285								
438455	0.046								
438456	0.258								
438457	0.228								
438458	0.142								
438459	0.120								
438460	0.179								
438461	0.045								
438462	0.168								
438463	0.869								
438464	2.185								
438465	0.093								
438466	0.424								
438467	0.739								
438468	0.161								
438469	1.343								
438470	0.865								
438471	0.237								
438472	< 0.005								
438473	0.871								
438474	0.267								
438475	0.658								
438476	0.826								
438477	0.924								
438478	0.178								
438479	1.879								
438480	0.574								
438481	0.380								
438482	0.471								
438483	0.313								
438484	1.529								
438485	0.788								
438486	0.306								
438487	0.568								
438488	0.383								
438489	1.117								
438490	0.899								
438491	1.077								
438492	0.747								
438493	0.449								
438494	0.463								
438495	0.165								
438496	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438497	0.681								
438498	0.815								
438499	1.166								
438500	1.035								
431001	1.506								
431002	0.612								
431003	2.222								
431004	2.842								
431005	1.235								
431006	0.327								
431007	0.453								
431008	0.783								
431009	2.884								
431010	1.495								
431011	0.903								
431012	0.508								
431013	0.888								
431014	1.477								
431015	1.473								
431016	0.428								
431017	0.054								
431018	2.626								
431019	1.396								
431020	1.507								
431021	0.620								
431022	0.577								
431023	1.928								
431024	< 0.005								
431025	0.606								
431026	0.129								
431027	2.289								
431028	1.575								
431029	0.439								
431030	0.536								
431031	0.428								
431032	0.559								
431033	0.421								
431034	1.136								
431035	3.870	3.43							
431036	0.681								
431037	0.009								
431038	0.012								
431039	> 5.000	5.38	19.0	2.89	3.15	4.11	34.44	469.15	503.59
431040	0.851								
431041	0.307								
431042	0.505								
431043	2.547								
431044	1.210								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
431045	0.280								
431046	0.975								
431047	0.735								
431048	< 0.005								
431049	1.226								
431050	1.226								
431051	0.221								
431052	2.340								
431053	1.423								
431054	0.587								
431055	0.674								
431056	1.343								
431057	1.345								
431058	1.557								
431059	0.041								
431060	0.184								
431061	0.649								
431062	0.533								
431063	0.307								
431064	0.272								
431065	0.334								
431066	0.564								
431067	0.671								
431068	0.782								
431069	1.226								
431070	2.493								
431071	0.496								
431072	< 0.005								
431073	0.851								
431074	1.023								
431075	0.293								
431076	1.652								
431077	0.710								
431078	4.395	3.81							
431079	0.743								
431080	0.579								
431081	0.445								
431082	0.466								
431083	4.467	4.40							
431084	1.559								
431085	0.947								
431086	0.151								
431087	0.234								
431088	0.135								
431089	0.367								
431090	0.199								
431091	0.285								
431092	0.275								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
431093	0.180								
431094	1.312								
431095	0.600								
431096	0.007								
431097	0.237								
431098	0.262								
431099	0.138								
431100	0.359								
431101	1.128								
431102	0.395								
431103	0.397								
431104	0.559								
431105	1.263								
431106	1.204								
431107	0.877								
431108	0.514								
431109	0.242								
431110	0.402								
431111	0.132								
431112	0.500								
431113	0.246								
431114	0.140								
431115	0.134								
431116	0.171								
431117	0.083								
431118	0.017								
431119	0.193								
431120	0.348								
431121	0.395								
431122	> 5.000	6.00	27.2	5.24	4.87	6.93	43.06	465.98	509.04
431123	0.155								
431124	0.005								
431125	0.089								
431126	0.388								
431127	< 0.005								
431128	0.561								
431129	0.323								
431130	0.205								
431131	0.176								
431132	0.200								
431133	0.519								
431134	0.275								
431135	0.491								
431136	0.650								
431137	0.197								
431138	0.995								
431139	< 0.005								
431140	1.485								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
431141	0.653								
431142	0.941								
431143	0.559								
431144	0.452								
431145	0.197								
431146	0.316								
431147	0.345								
431148	< 0.005								
431149	0.246								
431150	0.120								
431151	0.128								
431152	0.112								
431153	0.145								
431154	0.210								
431155	0.845								
431156	1.627								
431157	1.256								
431158	0.321								
432516	0.024								
432517	0.048								
432518	0.042								
432519	0.079								
432520	0.014								
432521	0.006								
432522	0.014								
432523	0.035								
432524	< 0.005								
432525	0.036								
432526	0.056								
432527	0.151								
432528	0.081								
432529	0.011								
432530	0.150								
432531	0.052								
432532	0.210								
432533	0.199								
432534	0.144								
432535	2.323								
432536	0.695								
432537	0.047								
432538	0.043								
432539	0.039								
432540	0.013								
432541	0.022								
432542	0.032								
432543	0.029								
432544	0.288								
432545	0.031								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432546	0.017								
432547	0.181								
432548	< 0.005								
432549	0.119								
432550	0.165								
432551	0.116								
432552	0.505								
432553	0.097								
432554	0.048								
432555	0.559								
432556	0.066								
432557	0.086								
432558	0.063								
432559	0.401								
432560	0.183								
432561	0.205								
432562	0.136								
432563	0.043								
432564	0.012								
432565	0.025								
432566	0.054								
432567	0.075								
432568	0.105								
432569	0.109								
432570	0.063								
432571	0.102								
432572	< 0.005								
432573	0.043								
432574	0.050								
432575	0.175								
432576	0.561								
432577	0.527								
432578	0.054								
432579	0.341								
432580	0.122								
432581	0.204								
432582	0.303								
432583	0.206								
432584	< 0.005								
432585	0.021								
432586	0.023								
432587	0.062								
432588	0.043								
432589	0.254								
432590	0.040								
432591	0.028								
432592	0.116								
432593	0.074								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432594	0.036								
432595	0.140								
432596	< 0.005								
432597	0.649								
432598	0.212								
432599	0.480								
432600	0.357								
432601	0.195								
432602	0.321								
432603	0.339								
432604	0.326								
432605	0.233								
432606	1.505								
432607	0.109								
432608	2.175								
432609	0.046								
432610	0.070								
432611	0.881								
432612	0.470								
432613	0.144								
432614	0.371								
432615	0.159								
432616	0.112								
432617	0.157								
432618	0.119								
432619	0.299								
432620	0.148								
432621	0.149								
432622	0.100								
432623	0.060								
432624	< 0.005								
432625	0.174								
432626	0.024								
432627	0.118								
432628	0.012								
432629	0.441								
432630	0.197								
432631	0.238								
432632	0.136								
432633	0.155								
432634	0.706								
432635	0.588								
432636	0.666								
432637	0.042								
432638	0.125								
432639	0.211								
432640	0.162								
432641	0.266								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432642	0.250								
432643	0.586								
432644	1.981								
432645	0.610								
432646	0.042								
432647	0.043								
432648	< 0.005								
432649	0.089								
432650	0.240								
432651	1.326								
432652	0.069								
432653	0.938								
432654	0.166								
432655	0.207								
432656	0.061								
432657	0.342								
432658	0.460								
432659	0.261								
432660	0.186								
432661	0.842								
432662	0.279								
432663	3.672	3.99							
432664	0.794								
432665	0.025								
432666	0.053								
432667	0.074								
432668	0.029								
432669	0.008								
432670	0.039								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.5				12.2			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		12.2							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire Assay) Meas	2.241								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.255								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.218								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.273								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.265								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.290								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.207								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.265								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.285								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.290								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.312								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.246								
Oreas 237 (Fire Assay) Cert	2.21								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas 237 (Fire Assay) Meas	2.307								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.236								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.281								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.22				8.78			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.56							
OREAS 228b (Fire Assay) Cert		8.57							
Oreas E1336 (Fire Assay) Meas	0.526								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.528								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.506								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.498								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.509								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.527								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.526								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.517								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.491								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.526								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
438404 Orig			101	2.53	2.32	8.70	32.44	474.55	506.99
438410 Orig	0.834								
438410 Dup	0.758								
438420 Orig	0.215								
438420 Dup	0.234								
438430 Orig	0.911								
438430 Dup	0.899								
438445 Orig	0.205								
438445 Dup	0.199								
438450 Split Orig PREP DUP	0.137								
438450 Split PREP DUP	0.140								
438454 Orig	0.254								
438454 Dup	0.317								
438464 Orig	2.048								
438464 Dup	2.322								
438489 Orig	1.124								
438489 Dup	1.110								
438500 Split Orig PREP DUP	1.035								
438500 Split PREP DUP	1.167								
431013 Orig	0.922								
431013 Dup	0.854								
431039 Orig			19.0	2.89	3.15	4.11	34.44	469.15	503.59

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
431048 Orig	< 0.005								
431048 Dup	< 0.005								
431050 Split Orig PREP DUP	1.226								
431050 Split PREP DUP	1.155								
431067 Orig	0.653								
431067 Dup	0.690								
431092 Orig	0.285								
431092 Dup	0.264								
431100 Split Orig PREP DUP	0.359								
431100 Split PREP DUP	0.287								
431116 Orig	0.196								
431116 Dup	0.146								
431122 Orig			27.2	5.24	4.87	6.93	43.06	465.98	509.04
431126 Orig	0.370								
431126 Dup	0.406								
431137 Orig	0.217								
431137 Dup	0.178								
431150 Split Orig PREP DUP	0.120								
431150 Split PREP DUP	0.124								
431150 Split PREP DUP	0.124								
432517 Orig	0.045								
432517 Dup	0.051								
432527 Orig	0.182								
432527 Dup	0.120								
432542 Orig	0.038								
432542 Dup	0.027								
432557 Split Orig PREP DUP	0.086								
432557 Split PREP DUP	0.077								
432586 Orig	0.021								
432586 Dup	0.024								
432596 Orig	< 0.005								
432596 Dup	< 0.005								
432607 Split Orig PREP DUP	0.109								
432607 Split PREP DUP	0.103								
432657 Split Orig PREP DUP	0.342								
432657 Split PREP DUP	0.272								
Method Blank	< 0.005								
Method Blank	< 0.005								



Report No.: A21-05556
Report Date: 04-May-21
Date Submitted: 05-Apr-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

413 Rock samples were submitted for analysis.

Table with 3 columns: Analytical package requested, Method, and Testing Date. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

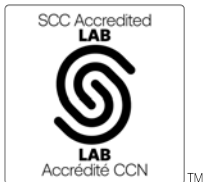
REPORT A21-05556

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438401	0.382								
438402	0.865								
438403	0.221								
438404	> 5.000	16.7	101	2.53	2.32	8.70	32.44	474.55	506.99
438405	1.063								
438406	4.335	4.47							
438407	1.232								
438408	2.449								
438409	1.205								
438410	0.796								
438411	0.414								
438412	0.498								
438413	0.800								
438414	1.815								
438415	0.462								
438416	0.138								
438417	0.332								
438418	1.117								
438419	0.126								
438420	0.225								
438421	0.446								
438422	0.075								
438423	0.273								
438424	< 0.005								
438425	0.091								
438426	0.073								
438427	0.615								
438428	0.553								
438429	0.854								
438430	0.905								
438431	0.092								
438432	0.396								
438433	0.505								
438434	2.585								
438435	1.130								
438436	0.700								
438437	0.412								
438438	0.032								
438439	0.168								
438440	0.028								
438441	0.644								
438442	0.751								
438443	3.260	3.10							
438444	0.530								
438445	0.202								
438446	0.234								
438447	0.199								
438448	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438449	0.153								
438450	0.137								
438451	0.224								
438452	0.926								
438453	0.367								
438454	0.285								
438455	0.046								
438456	0.258								
438457	0.228								
438458	0.142								
438459	0.120								
438460	0.179								
438461	0.045								
438462	0.168								
438463	0.869								
438464	2.185								
438465	0.093								
438466	0.424								
438467	0.739								
438468	0.161								
438469	1.343								
438470	0.865								
438471	0.237								
438472	< 0.005								
438473	0.871								
438474	0.267								
438475	0.658								
438476	0.826								
438477	0.924								
438478	0.178								
438479	1.879								
438480	0.574								
438481	0.380								
438482	0.471								
438483	0.313								
438484	1.529								
438485	0.788								
438486	0.306								
438487	0.568								
438488	0.383								
438489	1.117								
438490	0.899								
438491	1.077								
438492	0.747								
438493	0.449								
438494	0.463								
438495	0.165								
438496	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438497	0.681								
438498	0.815								
438499	1.166								
438500	1.035								
431001	1.506								
431002	0.612								
431003	2.222								
431004	2.842								
431005	1.235								
431006	0.327								
431007	0.453								
431008	0.783								
431009	2.884								
431010	1.495								
431011	0.903								
431012	0.508								
431013	0.888								
431014	1.477								
431015	1.473								
431016	0.428								
431017	0.054								
431018	2.626								
431019	1.396								
431020	1.507								
431021	0.620								
431022	0.577								
431023	1.928								
431024	< 0.005								
431025	0.606								
431026	0.129								
431027	2.289								
431028	1.575								
431029	0.439								
431030	0.536								
431031	0.428								
431032	0.559								
431033	0.421								
431034	1.136								
431035	3.870	3.43							
431036	0.681								
431037	0.009								
431038	0.012								
431039	> 5.000	5.38	19.0	2.89	3.15	4.11	34.44	469.15	503.59
431040	0.851								
431041	0.307								
431042	0.505								
431043	2.547								
431044	1.210								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
431045	0.280								
431046	0.975								
431047	0.735								
431048	< 0.005								
431049	1.226								
431050	1.226								
431051	0.221								
431052	2.340								
431053	1.423								
431054	0.587								
431055	0.674								
431056	1.343								
431057	1.345								
431058	1.557								
431059	0.041								
431060	0.184								
431061	0.649								
431062	0.533								
431063	0.307								
431064	0.272								
431065	0.334								
431066	0.564								
431067	0.671								
431068	0.782								
431069	1.226								
431070	2.493								
431071	0.496								
431072	< 0.005								
431073	0.851								
431074	1.023								
431075	0.293								
431076	1.652								
431077	0.710								
431078	4.395	3.81							
431079	0.743								
431080	0.579								
431081	0.445								
431082	0.466								
431083	4.467	4.40							
431084	1.559								
431085	0.947								
431086	0.151								
431087	0.234								
431088	0.135								
431089	0.367								
431090	0.199								
431091	0.285								
431092	0.275								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
431093	0.180								
431094	1.312								
431095	0.600								
431096	0.007								
431097	0.237								
431098	0.262								
431099	0.138								
431100	0.359								
431101	1.128								
431102	0.395								
431103	0.397								
431104	0.559								
431105	1.263								
431106	1.204								
431107	0.877								
431108	0.514								
431109	0.242								
431110	0.402								
431111	0.132								
431112	0.500								
431113	0.246								
431114	0.140								
431115	0.134								
431116	0.171								
431117	0.083								
431118	0.017								
431119	0.193								
431120	0.348								
431121	0.395								
431122	> 5.000	6.00	27.2	5.24	4.87	6.93	43.06	465.98	509.04
431123	0.155								
431124	0.005								
431125	0.089								
431126	0.388								
431127	< 0.005								
431128	0.561								
431129	0.323								
431130	0.205								
431131	0.176								
431132	0.200								
431133	0.519								
431134	0.275								
431135	0.491								
431136	0.650								
431137	0.197								
431138	0.995								
431139	< 0.005								
431140	1.485								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
431141	0.653								
431142	0.941								
431143	0.559								
431144	0.452								
431145	0.197								
431146	0.316								
431147	0.345								
431148	< 0.005								
431149	0.246								
431150	0.120								
431151	0.128								
431152	0.112								
431153	0.145								
431154	0.210								
431155	0.845								
431156	1.627								
431157	1.256								
431158	0.321								
432516	0.024								
432517	0.048								
432518	0.042								
432519	0.079								
432520	0.014								
432521	0.006								
432522	0.014								
432523	0.035								
432524	< 0.005								
432525	0.036								
432526	0.056								
432527	0.151								
432528	0.081								
432529	0.011								
432530	0.150								
432531	0.052								
432532	0.210								
432533	0.199								
432534	0.144								
432535	2.323								
432536	0.695								
432537	0.047								
432538	0.043								
432539	0.039								
432540	0.013								
432541	0.022								
432542	0.032								
432543	0.029								
432544	0.288								
432545	0.031								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432546	0.017								
432547	0.181								
432548	< 0.005								
432549	0.119								
432550	0.165								
432551	0.116								
432552	0.505								
432553	0.097								
432554	0.048								
432555	0.559								
432556	0.066								
432557	0.086								
432558	0.063								
432559	0.401								
432560	0.183								
432561	0.205								
432562	0.136								
432563	0.043								
432564	0.012								
432565	0.025								
432566	0.054								
432567	0.075								
432568	0.105								
432569	0.109								
432570	0.063								
432571	0.102								
432572	< 0.005								
432573	0.043								
432574	0.050								
432575	0.175								
432576	0.561								
432577	0.527								
432578	0.054								
432579	0.341								
432580	0.122								
432581	0.204								
432582	0.303								
432583	0.206								
432584	< 0.005								
432585	0.021								
432586	0.023								
432587	0.062								
432588	0.043								
432589	0.254								
432590	0.040								
432591	0.028								
432592	0.116								
432593	0.074								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432594	0.036								
432595	0.140								
432596	< 0.005								
432597	0.649								
432598	0.212								
432599	0.480								
432600	0.357								
432601	0.195								
432602	0.321								
432603	0.339								
432604	0.326								
432605	0.233								
432606	1.505								
432607	0.109								
432608	2.175								
432609	0.046								
432610	0.070								
432611	0.881								
432612	0.470								
432613	0.144								
432614	0.371								
432615	0.159								
432616	0.112								
432617	0.157								
432618	0.119								
432619	0.299								
432620	0.148								
432621	0.149								
432622	0.100								
432623	0.060								
432624	< 0.005								
432625	0.174								
432626	0.024								
432627	0.118								
432628	0.012								
432629	0.441								
432630	0.197								
432631	0.238								
432632	0.136								
432633	0.155								
432634	0.706								
432635	0.588								
432636	0.666								
432637	0.042								
432638	0.125								
432639	0.211								
432640	0.162								
432641	0.266								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432642	0.250								
432643	0.586								
432644	1.981								
432645	0.610								
432646	0.042								
432647	0.043								
432648	< 0.005								
432649	0.089								
432650	0.240								
432651	1.326								
432652	0.069								
432653	0.938								
432654	0.166								
432655	0.207								
432656	0.061								
432657	0.342								
432658	0.460								
432659	0.261								
432660	0.186								
432661	0.842								
432662	0.279								
432663	3.672	3.99							
432664	0.794								
432665	0.025								
432666	0.053								
432667	0.074								
432668	0.029								
432669	0.008								
432670	0.039								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.5				12.2			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		12.2							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire Assay) Meas	2.241								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.255								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.218								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.273								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.265								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.290								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.207								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.265								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.285								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.290								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.312								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.246								
Oreas 237 (Fire Assay) Cert	2.21								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas 237 (Fire Assay) Meas	2.307								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.236								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.281								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.22				8.78			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.56							
OREAS 228b (Fire Assay) Cert		8.57							
Oreas E1336 (Fire Assay) Meas	0.526								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.528								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.506								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.498								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.509								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.527								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.526								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.517								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.491								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.526								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
438404 Orig			101	2.53	2.32	8.70	32.44	474.55	506.99
438410 Orig	0.834								
438410 Dup	0.758								
438420 Orig	0.215								
438420 Dup	0.234								
438430 Orig	0.911								
438430 Dup	0.899								
438445 Orig	0.205								
438445 Dup	0.199								
438450 Split Orig PREP DUP	0.137								
438450 Split PREP DUP	0.140								
438454 Orig	0.254								
438454 Dup	0.317								
438464 Orig	2.048								
438464 Dup	2.322								
438489 Orig	1.124								
438489 Dup	1.110								
438500 Split Orig PREP DUP	1.035								
438500 Split PREP DUP	1.167								
431013 Orig	0.922								
431013 Dup	0.854								
431039 Orig			19.0	2.89	3.15	4.11	34.44	469.15	503.59

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
431048 Orig	< 0.005								
431048 Dup	< 0.005								
431050 Split Orig PREP DUP	1.226								
431050 Split PREP DUP	1.155								
431067 Orig	0.653								
431067 Dup	0.690								
431092 Orig	0.285								
431092 Dup	0.264								
431100 Split Orig PREP DUP	0.359								
431100 Split PREP DUP	0.287								
431116 Orig	0.196								
431116 Dup	0.146								
431122 Orig			27.2	5.24	4.87	6.93	43.06	465.98	509.04
431126 Orig	0.370								
431126 Dup	0.406								
431137 Orig	0.217								
431137 Dup	0.178								
431150 Split Orig PREP DUP	0.120								
431150 Split PREP DUP	0.124								
431150 Split PREP DUP	0.124								
432517 Orig	0.045								
432517 Dup	0.051								
432527 Orig	0.182								
432527 Dup	0.120								
432542 Orig	0.038								
432542 Dup	0.027								
432557 Split Orig PREP DUP	0.086								
432557 Split PREP DUP	0.077								
432586 Orig	0.021								
432586 Dup	0.024								
432596 Orig	< 0.005								
432596 Dup	< 0.005								
432607 Split Orig PREP DUP	0.109								
432607 Split PREP DUP	0.103								
432657 Split Orig PREP DUP	0.342								
432657 Split PREP DUP	0.272								
Method Blank	< 0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
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Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-06183
Report Date: 04-Jun-21
Date Submitted: 09-Apr-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

226 Rock samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

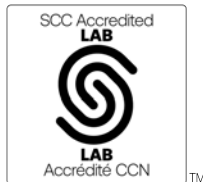
REPORT A21-06183

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432671	0.055								
432672	< 0.005								
432673	0.023								
432674	0.137								
432675	0.104								
432676	0.140								
432677	0.400								
432678	0.096								
432679	0.318								
432680	0.373								
432681	0.371								
432682	0.389								
432683	1.086								
432684	1.410								
432685	0.821								
432686	0.539								
432687	0.187								
432688	0.977								
432689	0.644								
432690	0.532								
432691	0.849								
432692	0.203								
432693	0.287								
432694	2.565								
432695	0.150								
432696	< 0.005								
432697	1.047								
432698	0.174								
432699	0.434								
432700	0.483								
432701	0.141								
432702	0.179								
432703	0.419								
432704	0.094								
432705	0.098								
432706	0.216								
432707	0.133								
432708	0.122								
432709	0.596								
432710	0.235								
432711	0.157								
432712	0.482								
432713	0.187								
432714	0.235								
432715	1.632								
432716	1.388								
432717	1.981								
432718	0.877								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432719	1.252								
432720	1.785								
432721	0.541								
432722	0.531								
432723	0.992								
432724	< 0.005								
432725	2.814								
432726	0.277								
432727	0.228								
432728	0.273								
432729	0.103								
432730	0.110								
432731	0.156								
432732	1.320								
432733	0.411								
432734	0.093								
432735	0.025								
432736	0.667								
432737	0.391								
432738	0.872								
432739	0.553								
432740	0.237								
432741	3.542	3.78							
432742	0.064								
432743	0.048								
432744	0.025								
432745	0.042								
432746	0.006								
432747	0.176								
432748	< 0.005								
432749	0.422								
432750	0.696								
432751	0.851								
432752	1.123								
432753	0.675								
432754	0.959								
432755	0.862								
432756	1.365								
432757	> 5.000	26.3	38.0	22.7	22.2	23.6	35.11	451.30	486.41
432758	> 5.000	33.7	0.30	0.86	1.13	0.95	30.39	450.24	480.63
432759	0.815								
432760	0.178								
432761	0.125								
432762	0.254								
432763	0.203								
432764	0.072								
432765	4.444	11.4	11.4	2.70	2.58	3.13	27.95	475.93	503.88
432766	0.121								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432767	0.276								
432768	0.625								
432769	0.462								
432770	0.613								
432771	0.473								
432772	< 0.005								
432773	2.072								
432774	1.244								
432775	> 5.000	6.72	5.21	4.68	3.90	4.34	29.00	466.82	495.82
432776	2.561								
432777	1.074								
432778	0.027								
432779	0.010								
432780	0.438								
432781	0.608								
432782	0.541								
432783	0.368								
432784	1.468								
432785	0.832								
432786	0.413								
432787	0.657								
432788	0.578								
432789	0.361								
432790	0.549								
432791	0.194								
432792	0.768								
432793	0.697								
432794	0.756								
432795	1.090								
432796	< 0.005								
432797	0.764								
432798	2.261								
432799	< 0.005								
432800	1.862								
432801	1.015								
432802	0.856								
432803	0.368								
432804	0.491								
432805	1.101								
432806	0.260								
432807	1.756								
432808	0.654								
432809	0.440								
432810	0.769								
432811	0.282								
432812	0.467								
432813	0.302								
432814	0.515								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432815	0.356								
432816	0.129								
432817	0.013								
432818	0.105								
432819	0.035								
432820	1.308								
432821	0.795								
432822	0.354								
432823	1.902								
432824	< 0.005								
432825	0.288								
432826	0.165								
432827	0.369								
432828	0.241								
432829	0.365								
432830	0.597								
432831	0.317								
432832	2.701								
432833	< 0.005								
432834	0.457								
432835	0.717								
432836	0.643								
432837	> 5.000	22.2	3.74	5.53	4.63	5.01	27.27	465.81	493.08
432838	0.271								
432839	0.361								
432840	0.366								
432841	1.613								
432842	0.142								
432843	0.303								
432844	0.745								
432845	< 0.005								
432846	0.549								
432847	0.387								
432848	< 0.005								
432849	0.684								
432850	0.544								
432851	2.178								
432852	2.204								
432853	0.743								
432854	4.318	4.53							
432855	0.010								
432856	0.490								
432857	0.207								
432858	0.654								
432859	0.406								
432860	0.171								
432861	1.925								
432862	1.754								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432863	1.882								
432864	0.395								
432865	0.214								
432866	0.806								
432867	0.538								
432868	1.719								
432869	0.009								
432870	0.010								
432871	0.006								
432872	< 0.005								
432873	0.933								
432874	0.443								
432875	1.076								
432876	> 5.000	31.0	43.7	12.3	11.9	14.1	29.44	450.83	480.30
432877	0.006								
432878	0.501								
432879	1.728								
432880	0.886								
432881	1.569								
432882	0.547								
432883	0.362								
432884	1.465								
432885	0.432								
432886	0.381								
432887	0.322								
432888	0.257								
432889	0.082								
432890	0.081								
432891	0.426								
432892	1.562								
432893	0.533								
432894	0.650								
432895	0.182								
432896	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.0				12.1			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		12.1				12.0			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.313								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.244								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.115								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.208								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.229								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.191								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.149								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.174								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.194								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.259								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.234								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas	> 5.000	8.45				8.50			
OREAS 228b	8.57	8.57				8.57			

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
(Fire Assay) Cert									
OREAS 228b (Fire Assay) Meas	> 5.000	8.68				8.64			
OREAS 228b (Fire Assay) Cert	8.57	8.57				8.57			
Oreas E1336 (Fire Assay) Meas	0.519								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.495								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.495								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.519								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.497								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.520								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.509								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.516								
Oreas E1336 (Fire Assay) Cert	0.510								
432680 Orig	0.394								
432680 Dup	0.351								
432683 Orig	1.168								
432683 Dup	1.004								
432685 Orig	0.813								
432685 Dup	0.829								
432686 Orig	0.556								
432686 Dup	0.522								
432690 Orig	0.507								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432690 Dup	0.557								
432700 Orig	0.513								
432700 Dup	0.452								
432715 Orig	1.757								
432715 Dup	1.508								
432720 Split Orig PREP DUP	1.785								
432720 Split PREP DUP	1.681								
432735 Orig	0.018								
432735 Dup	0.032								
432750 Orig	0.699								
432750 Dup	0.692								
432757 Orig			38.0	22.7	22.2	23.6	35.11	451.30	486.41
432758 Orig			0.30	0.86	1.13	0.95	30.39	450.24	480.63
432761 Orig	0.123								
432761 Dup	0.126								
432765 Orig			11.4	2.70	2.58	3.13	27.95	475.93	503.88
432770 Split Orig PREP DUP	0.613								
432770 Split PREP DUP	0.671								
432775 Orig			5.21	4.68	3.90	4.34	29.00	466.82	495.82
432785 Orig	0.783								
432785 Dup	0.881								
432795 Orig	1.150								
432795 Dup	1.031								
432820 Split Orig PREP DUP	1.308								
432820 Split PREP DUP	1.237								
432821 Orig	0.764								
432821 Dup	0.826								
432830 Orig	0.587								
432830 Dup	0.607								
432837 Orig			3.74	5.53	4.63	5.01	27.27	465.81	493.08
432840 Orig	0.367								
432840 Dup	0.365								
432865 Orig	0.196								
432865 Dup	0.232								
432870 Split Orig PREP DUP	0.010								
432870 Split PREP DUP	0.008								
432876 Orig			43.7	12.3	11.9	14.1	29.44	450.83	480.30
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank	0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								



Report No.: A21-08137-ReAssay
Report Date: 27-May-21
Date Submitted: 07-May-21
Your Reference: 234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

31 Pulp samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2-Timmins (ppm) | QOP AA-Au (Au - Fire Assay AA) | 2021-05-20 11:48:01

REPORT A21-08137-ReAssay

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

[Handwritten signature]

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
432569	0.086
432570	0.051
432571	0.099
432572	< 0.005
432573	0.028
432574	0.044
432575	0.186
432576	0.559
432577	0.599
432578	0.054
432579	0.331
432580	0.115
432581	0.216
432582	0.280
432583	0.190
258674	1.542
432585	0.014
432586	0.013
432587	0.061
432588	0.041
432589	0.381
432590	0.038
432591	0.016
432592	0.106
432593	0.072
432594	0.037
432595	0.230
432596	< 0.005
432597	0.731
432598	0.146
432599	0.459

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.236
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.200
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.293
Oreas 237 (Fire Assay) Cert	2.21
OREAS 228b (Fire Assay) Meas	> 5.000
OREAS 228b (Fire Assay) Cert	8.57
Oreas E1336 (Fire Assay) Meas	0.527
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.502
Oreas E1336 (Fire Assay) Cert	0.510
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005



Report No.: A21-06182
Report Date: 21-May-21
Date Submitted: 09-Apr-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

40 Rock samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested, Testing Date. Row 1: 1A2-Timmins (ppm), QOP AA-Au (Au - Fire Assay AA), 2021-05-18 18:30:05

REPORT A21-06182

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
432901	0.066
432902	0.148
432903	0.222
432904	0.151
432905	0.036
432906	1.456
432907	0.177
432908	0.033
432909	0.082
432910	0.090
432911	0.023
432912	0.473
432913	0.068
432914	0.015
432915	0.056
432916	0.029
432917	0.014
432918	0.014
432919	0.017
432920	0.068
432921	0.007
432922	0.009
432923	0.177
432924	0.221
432925	0.600
432926	0.219
432927	0.038
432928	0.197
432929	0.054
432930	0.045
432931	1.569
432932	2.341
432933	0.051
432934	0.034
432935	0.016
432936	0.668
432937	0.025
432938	0.014
432939	0.276
432940	0.064

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.250
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.206
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.220
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.511
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.508
Oreas E1336 (Fire Assay) Cert	0.510
432910 Orig	0.100
432910 Dup	0.079
432920 Orig	0.070
432920 Dup	0.066
432930 Orig	0.040
432930 Dup	0.051
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-06632
Report Date: 08-Jun-21
Date Submitted: 19-Apr-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

463 Rock samples were submitted for analysis.

Table with 3 columns: Analytical package requested, Test description, and Testing Date. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

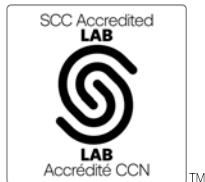
REPORT A21-06632

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432941	0.179								
432942	0.154								
432943	0.012								
432944	0.060								
432945	0.009								
432946	0.035								
432947	0.116								
432948	0.005								
432949	0.022								
432950	0.023								
432951	0.330								
432952	0.179								
432953	0.141								
432954	0.208								
432955	0.201								
432956	0.184								
432957	0.143								
432958	0.130								
432959	0.343								
432960	0.177								
432961	0.010								
432962	0.011								
432963	0.015								
432964	0.011								
432965	0.014								
432966	0.022								
432967	0.015								
432968	0.269								
432969	0.082								
432970	0.047								
432971	0.034								
432972	< 0.005								
432973	0.016								
432974	0.015								
432975	0.014								
432976	0.006								
432977	0.016								
432978	0.035								
432979	0.228								
432980	0.115								
432981	0.214								
432982	0.912								
432983	0.298								
432984	1.413								
432985	0.023								
432986	0.028								
432987	0.027								
432988	0.285								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
432989	0.034								
432990	0.041								
432991	0.167								
432992	0.157								
432993	0.082								
432994	0.218								
432995	0.598								
432996	< 0.005								
432997	0.046								
432998	0.188								
432999	0.077								
433000	1.626								
254301	0.173								
254302	0.139								
254303	0.153								
254304	1.352								
254305	0.266								
254306	0.025								
254307	0.039								
254308	0.074								
254309	0.049								
254310	0.033								
254311	0.051								
254312	0.467								
254313	0.006								
254314	0.038								
254315	0.013								
254316	0.088								
254317	0.861								
254318	0.607								
254319	0.435								
254320	0.044								
254321	< 0.005								
254322	0.139								
254323	4.017	4.38							
254324	< 0.005								
254325	4.430	4.14							
254326	0.371								
254327	0.234								
254328	0.025								
254329	0.545								
254330	0.596								
254331	0.029								
254332	0.105								
254333	0.049								
254334	0.108								
254335	0.110								
254336	0.700								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
254337	0.034								
254338	0.257								
254339	0.300								
254340	0.051								
254341	0.136								
254342	0.040								
254343	0.031								
254344	0.017								
254345	0.074								
254346	0.090								
254347	0.079								
254348	< 0.005								
254349	0.219								
254350	0.177								
254351	0.131								
254352	0.229								
254353	0.119								
254354	0.167								
254355	0.072								
254356	0.110								
254357	0.125								
254358	0.049								
254359	0.086								
254360	0.169								
254361	0.234								
254362	0.158								
254363	0.049								
254364	0.045								
254365	0.052								
254366	0.199								
254367	0.179								
254368	0.513								
254369	0.315								
254370	0.415								
254371	0.256								
254372	< 0.005								
254373	0.017								
254374	0.024								
254375	0.055								
254376	0.036								
254377	3.539	4.83							
254378	0.539								
254379	0.199								
254380	3.016	3.02							
254381	1.179								
254382	0.302								
254383	0.208								
254384	1.429								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
254385	0.259								
254386	0.036								
254387	0.184								
254388	0.207								
254389	0.282								
254390	0.346								
254391	0.049								
254392	0.150								
254393	0.241								
254394	0.110								
254395	0.276								
254396	< 0.005								
254397	0.266								
254398	0.283								
254399	2.083								
254400	0.751								
254401	0.138								
254402	0.745								
254403	0.381								
254404	0.432								
254405	0.115								
254406	0.134								
254407	0.152								
254408	0.150								
254409	0.747								
254410	0.529								
254411	> 5.000	5.49	11.4	6.18	7.88	7.44	39.76	384.61	424.37
254412	0.462								
254413	0.442								
254414	2.750								
254415	0.884								
254416	0.150								
254417	0.131								
254418	0.873								
254419	0.179								
254420	0.198								
254421	0.851								
254422	0.257								
254423	0.307								
254424	< 0.005								
254425	0.234								
254426	0.103								
254427	0.688								
254428	0.124								
254429	0.407								
254430	0.067								
254431	0.129								
254432	0.182								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
254433	1.238								
254434	0.014								
254435	0.009								
254436	0.591								
254437	0.061								
254438	0.008								
254439	0.011								
254440	0.149								
254441	0.037								
254442	0.167								
254443	0.127								
254444	0.256								
254445	1.421								
254446	0.049								
254447	0.085								
254448	< 0.005								
254449	0.130								
254450	0.168								
254451	0.203								
254452	0.111								
254453	0.263								
254454	0.428								
254455	0.353								
254456	0.507								
254457	0.336								
254458	2.546								
254459	1.275								
254460	0.174								
254461	0.102								
254462	0.649								
254463	0.205								
254464	0.107								
254465	0.342								
254466	2.746								
254467	0.524								
254468	0.158								
254469	0.033								
254470	0.096								
254471	0.617								
254472	< 0.005								
254473	0.534								
254474	2.426								
254475	0.224								
254476	0.868								
254477	0.257								
254478	0.452								
254479	2.536								
254480	0.354								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
254481	0.601								
254482	0.093								
254483	0.311								
254484	1.476								
254485	0.789								
254486	0.897								
254487	0.381								
254488	0.276								
254489	0.251								
254490	0.329								
254491	0.342								
254492	0.490								
254493	3.867	3.25							
254494	0.097								
254495	0.596								
254496	< 0.005								
254497	0.394								
254498	0.067								
254499	0.115								
254500	0.141								
436501	0.131								
436502	0.106								
436503	0.016								
436504	1.036								
436505	2.626								
436506	0.107								
436507	0.132								
436508	0.283								
436509	0.190								
436510	0.142								
436511	0.182								
436512	0.006								
436513	0.478								
436514	0.062								
436515	0.087								
436516	0.313								
436517	0.080								
436518	0.235								
436519	0.320								
436520	0.468								
436521	0.217								
436522	0.779								
436523	0.292								
436524	0.006								
436525	0.157								
436526	1.255								
436527	> 5.000	23.2	20.5	13.3	11.9	13.1	27.92	471.27	499.19
436528	1.264								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436529	0.391								
436530	0.040								
436531	0.508								
436532	0.556								
436533	1.585								
436534	0.096								
436535	0.061								
436536	0.621								
436537	1.856								
436538	2.666								
436539	0.771								
436540	0.183								
436541	2.251								
436542	1.007								
436543	0.836								
436544	0.541								
436545	0.086								
436546	0.245								
436547	1.602								
436548	< 0.005								
436549	0.356								
436550	0.278								
436551	0.487								
436552	0.348								
436553	0.045								
436554	0.011								
436555	< 0.005								
436556	0.475								
436557	0.094								
436558	0.064								
436559	> 5.000	11.1	32.4	11.9	9.85	12.3	34.57	473.29	507.86
436560	0.175								
436561	> 5.000	4.71	17.8	5.59	4.03	5.56	29.30	477.92	507.22
436562	0.892								
436563	0.620								
436564	0.664								
436565	0.913								
436566	2.359								
436567	0.993								
436568	1.134								
436569	0.105								
436570	0.134								
436571	0.139								
436572	< 0.005								
436573	0.864								
436574	0.212								
436575	0.595								
436576	2.474								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436577	0.467								
436578	0.929								
436579	0.229								
436580	0.379								
436581	0.258								
436582	1.125								
436583	0.275								
436584	1.551								
436585	0.637								
436586	2.046								
436587	0.213								
436588	0.819								
436589	0.140								
436590	0.151								
436591	0.169								
436592	0.510								
436593	> 5.000	5.40	13.9	3.55	4.15	4.68	40.55	448.32	488.87
436594	0.383								
436595	0.640								
436596	0.005								
436597	1.279								
436598	1.743								
436599	0.860								
436600	0.695								
436601	0.784								
436602	0.863								
436603	< 0.005								
436604	> 5.000	5.72	2.53	2.37	2.28	2.34	39.19	448.10	487.29
436605	0.492								
436606	0.301								
436607	0.125								
436608	0.290								
436609	0.525								
436610	0.435								
436611	0.986								
436612	0.484								
436613	1.168								
436614	0.573								
436615	1.667								
436616	< 0.005								
436617	0.420								
436618	0.046								
436619	0.010								
436620	0.264								
436621	0.229								
436622	0.040								
436623	0.056								
436624	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436625	0.812								
436626	0.006								
436627	0.011								
436628	0.822								
436629	0.644								
436630	0.703								
436631	0.502								
436632	< 0.005								
436633	0.204								
436634	0.531								
436635	0.036								
436636	0.638								
436637	0.083								
436638	0.185								
436639	0.106								
436640	0.265								
436641	0.024								
436642	0.253								
436643	0.669								
436644	0.140								
436645	< 0.005								
436646	< 0.005								
436647	< 0.005								
436648	< 0.005								
436649	0.007								
436650	0.011								
436651	0.007								
436652	0.009								
436653	0.408								
436654	0.292								
436655	0.464								
436656	0.441								
436657	0.212								
436658	0.438								
436659	0.218								
436660	0.179								
436661	0.555								
436662	0.313								
436663	0.626								
436664	0.490								
436665	0.399								
436666	< 0.005								
436667	0.256								
436668	1.248								
436669	1.476								
436670	2.585								
436671	0.690								
436672	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436673	0.287								
436674	0.153								
436675	2.211								
436676	0.602								
436677	0.426								
436678	0.575								
436679	0.885								
436680	2.318								
436681	0.181								
436682	0.067								
436683	0.051								
436684	1.532								
436685	0.066								
436686	0.144								
436687	0.047								
436688	0.027								
436689	0.020								
436690	0.024								
436691	0.035								
436692	0.029								
436693	0.082								
436694	0.052								
436695	0.033								
436696	< 0.005								
436697	0.048								
436698	0.056								
436699	0.035								
436700	0.018								
436701	0.022								
436702	0.021								
436703	0.019								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.7				11.6			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		12.1				12.2			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.215								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.300								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.298								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.312								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.180								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.308								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.288								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.303								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.293								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.309								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.230								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.269								
Oreas 237 (Fire Assay) Cert	2.21								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas 237 (Fire Assay) Meas	2.276								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.282								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.166								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.200								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas	> 5.000	8.53				8.66			
OREAS 228b (Fire Assay) Cert	8.57	8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.36				8.61			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
Oreas E1336 (Fire Assay) Meas	0.518								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.517								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.511								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.502								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.516								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.505								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.514								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.528								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.520								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.527								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.491								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.503								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.506								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.508								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.525								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.498								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.500								
Oreas E1336 (Fire Assay) Cert	0.510								
432950 Orig	0.022								
432950 Dup	0.023								
432970 Orig	0.046								
432970 Dup	0.048								
432985 Orig	0.026								
432985 Dup	0.019								
432990 Split Orig PREP DUP	0.041								
432990 Split PREP DUP	0.059								
432994 Orig	0.201								
432994 Dup	0.234								
254329 Orig	0.528								
254329 Dup	0.562								
254339 Orig	0.312								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
254339 Dup	0.288								
254340 Split Orig PREP DUP	0.051								
254340 Split PREP DUP	0.051								
254353 Orig	0.110								
254353 Dup	0.127								
254363 Orig	0.044								
254363 Dup	0.054								
254373 Orig	0.012								
254373 Dup	0.022								
254388 Orig	0.212								
254388 Dup	0.203								
254390 Split Orig PREP DUP	0.346								
254390 Split PREP DUP	0.392								
254397 Orig	0.311								
254397 Dup	0.221								
254407 Orig	0.147								
254407 Dup	0.156								
254411 Orig			11.4	6.18	7.88	7.44	39.76	384.61	424.37
254422 Orig	0.252								
254422 Dup	0.261								
254440 Split Orig PREP DUP	0.149								
254440 Split PREP DUP	0.207								
254456 Orig	0.481								
254456 Dup	0.533								
254490 Split Orig PREP DUP	0.329								
254490 Split PREP DUP	0.445								
254500 Orig	0.150								
254500 Dup	0.131								
436510 Orig	0.142								
436510 Dup	0.142								
436527 Orig			20.5	13.3	11.9	13.1	27.92	471.27	499.19
436535 Orig	0.055								
436535 Dup	0.067								
436540 Split Orig PREP DUP	0.183								
436540 Split PREP DUP	0.276								
436559 Orig	> 5.000		32.4	11.9	9.85	12.3	34.57	473.29	507.86
436559 Dup	> 5.000								
436561 Orig			17.8	5.59	4.03	5.56	29.30	477.92	507.22
436569 Orig	0.110								
436569 Dup	0.101								
436590 Split Orig	0.151								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
PREP DUP									
436590 Split PREP DUP	0.149								
436593 Orig			13.9	3.55	4.15	4.68	40.55	448.32	488.87
436603 Orig	< 0.005								
436603 Dup	< 0.005								
436604 Orig			2.53	2.37	2.28	2.34	39.19	448.10	487.29
436638 Orig	0.198								
436638 Dup	0.172								
436640 Split Orig PREP DUP	0.265								
436640 Split PREP DUP	0.272								
436647 Orig	< 0.005								
436647 Dup	< 0.005								
436672 Orig	< 0.005								
436672 Dup	< 0.005								
436682 Orig	0.067								
436682 Dup	0.067								
436690 Split Orig PREP DUP	0.024								
436690 Split PREP DUP	0.031								
436696 Orig	< 0.005								
436696 Dup	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
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Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-10448-ReAssay
Report Date: 16-Jun-21
Date Submitted: 09-Jun-21
Your Reference: 234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

31 Pulp samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested, Testing Date. Row 1: 1A2-Timmins (ppm), QOP AA-Au (Au - Fire Assay AA), 2021-06-10 18:56:14

REPORT A21-10448-ReAssay

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
432909	0.087
432910	0.067
432911	0.015
432912	0.485
432913	0.036
432914	0.011
432915	0.015
432916	0.048
432917	0.011
432918	0.011
432919	0.015
432920	0.071
432921	< 0.005
432922	0.020
432923	0.152
258676	< 0.005
432925	0.582
432926	0.206
432927	0.021
432928	0.211
432929	0.040
432930	0.046
432931	1.390
432932	0.167
432933	0.061
432934	0.036
432935	0.018
432936	0.696
432937	0.026
432938	0.010
432939	0.312

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.315
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.271
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.300
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.268
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.494
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.502
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.523
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.522
Oreas E1336 (Fire Assay) Cert	0.510
432918 Orig	0.011
432918 Dup	0.011
432928 Orig	0.188
432928 Dup	0.234
432932 Orig	0.169
432932 Dup	0.164
432938 Orig	0.009
432938 Dup	0.011
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-10453-ReAssay
 Report Date: 14-Jun-21
 Date Submitted: 09-Jun-21
 Your Reference: 234

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

31 Pulp samples were submitted for analysis.

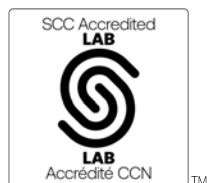
The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-06-10 18:56:14

REPORT **A21-10453-ReAssay**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé , Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
254421	0.917
254422	0.269
254423	0.219
254424	< 0.005
254425	0.263
254426	0.090
254427	0.703
254428	0.172
254429	0.441
254430	0.076
254431	0.153
254432	0.167
254433	1.456
254434	0.019
254435	0.010
258675	0.685
254437	0.038
254438	0.011
254439	0.006
254440	0.127
254441	0.066
254442	0.126
254443	0.161
254444	0.275
254445	1.580
254446	0.045
254447	0.103
254448	< 0.005
254449	0.176
254450	0.233
254451	0.189

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.271
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.300
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.268
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.502
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.523
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.522
Oreas E1336 (Fire Assay) Cert	0.510
254434 Orig	0.021
254434 Dup	0.017
254444 Orig	0.324
254444 Dup	0.226
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-07061
 Report Date: 24-Jun-21
 Date Submitted: 23-Apr-21
 Your Reference: GOS-234

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

464 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-06-14 15:14:16
1A3-50-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-06-16 13:46:25
1A4 (100mesh)-Timmins	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-06-18 16:10:43

REPORT **A21-07061**

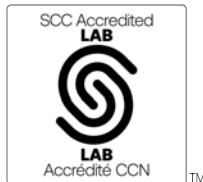
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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Footnote: Sample 435409 has variable gold.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435001	0.232								
435002	0.357								
435003	0.061								
435004	0.015								
435005	0.010								
435006	0.030								
435007	0.055								
435008	0.028								
435009	0.020								
435010	0.008								
435011	0.005								
435012	0.461								
435013	0.120								
435014	0.015								
435015	0.042								
435016	0.054								
435017	0.240								
435018	0.041								
435019	0.009								
435020	0.088								
435021	0.154								
435022	0.079								
435023	0.204								
435024	0.005								
435025	0.041								
435026	< 0.005								
435027	0.129								
435028	0.122								
435029	0.093								
435030	0.056								
435031	0.186								
435032	0.049								
435033	0.296								
435034	0.087								
435035	0.081								
435036	0.663								
435037	0.030								
435038	0.050								
435039	0.187								
435040	0.316								
435041	0.294								
435042	0.298								
435043	0.214								
435044	0.198								
435045	0.257								
435046	0.206								
435047	0.164								
435048	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435049	0.188								
435050	0.179								
435051	0.112								
435052	0.203								
435053	0.115								
435054	0.035								
435055	0.005								
435056	0.079								
435057	0.061								
435058	0.128								
435059	0.024								
435060	0.169								
435061	0.031								
435062	0.015								
435063	0.034								
435064	0.170								
435065	0.023								
435066	0.034								
435067	0.061								
435068	0.012								
435069	0.046								
435070	0.022								
435071	0.009								
435072	< 0.005								
435073	0.067								
435074	0.056								
435075	0.019								
435076	0.042								
435077	0.024								
435078	0.044								
435079	0.056								
435080	0.266								
435081	0.096								
435082	0.159								
435083	0.333								
435084	1.513								
435085	0.087								
435086	0.203								
435087	0.039								
435088	0.040								
435089	0.075								
435090	0.062								
435091	0.093								
435092	0.070								
435093	0.148								
435094	0.216								
435095	< 0.005								
435096	1.605								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435097	0.036								
435098	0.203								
435099	0.189								
435100	0.237								
435101	1.232								
435102	0.448								
435103	1.065								
435104	1.483								
435105	0.882								
435106	1.058								
435107	1.298								
435108	0.777								
435109	0.130								
435110	0.351								
435111	0.174								
435112	0.485								
435113	0.900								
435114	2.061								
435115	0.766								
435116	0.172								
435117	0.590								
435118	0.378								
435119	0.242								
435120	0.084								
435121	0.442								
435122	0.298								
435123	0.169								
435124	< 0.005								
435125	0.025								
435126	0.774								
435127	0.021								
435128	0.028								
435129	0.041								
435130	0.029								
435131	0.094								
435132	0.065								
435133	0.218								
435134	0.143								
435135	0.229								
435136	0.665								
435137	1.435								
435138	4.341	4.62							
435139	1.384								
435140	0.842								
435141	0.373								
435142	0.082								
435143	0.118								
435144	0.115								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435145	0.545								
435146	0.189								
435147	0.343								
435148	< 0.005								
435149	0.103								
435150	0.130								
435151	0.226								
435152	0.328								
435153	0.185								
435154	0.441								
435155	1.349								
435156	0.190								
435157	0.183								
435158	0.916								
435159	0.211								
435160	0.170								
435161	0.237								
435162	0.041								
435163	0.432								
435164	0.904								
435165	0.273								
435166	0.262								
435167	0.558								
435168	0.713								
435169	0.213								
435170	0.145								
435171	0.191								
435172	< 0.005								
435173	0.166								
435174	0.096								
435175	0.236								
435176	0.159								
435177	0.663								
435178	1.300								
435179	0.130								
435180	0.055								
435181	0.998								
435182	1.088								
435183	0.247								
435184	1.453								
435185	2.119								
435186	0.599								
435187	> 5.000	5.64	3.08	3.32	3.16	3.23	26.92	447.32	474.24
435188	1.258								
435189	0.297								
435190	0.373								
435191	0.946								
435192	1.454								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435193	0.305								
435194	0.399								
435195	4.915	5.97							
435196	0.006								
435197	0.799								
435198	0.221								
435199	0.212								
435200	0.206								
435201	0.628								
435202	0.348								
435203	0.007								
435204	0.411								
435205	0.046								
435206	0.053								
435207	0.092								
435208	0.277								
435209	0.283								
435210	0.321								
435211	0.417								
435212	0.487								
435213	0.147								
435214	0.017								
435215	0.069								
435216	> 5.000	6.24	18.8	3.24	3.37	3.84	14.01	395.93	409.94
435217	0.065								
435218	2.369								
435219	1.107								
435220	0.804								
435221	1.675								
435222	> 5.000	11.0	23.8	9.40	8.84	9.73	16.79	386.82	403.61
435223	0.052								
435224	< 0.005								
435225	0.025								
435226	2.761								
435227	0.632								
435228	0.130								
435229	0.022								
435230	0.031								
435231	0.099								
435232	0.036								
435233	0.044								
435234	1.976								
435235	0.043								
435236	0.662								
435237	0.673								
435238	0.086								
435239	0.023								
435240	0.064								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435241	0.345								
435242	0.027								
435243	0.085								
435244	0.151								
435245	0.154								
435246	0.288								
435247	0.029								
435248	< 0.005								
435249	0.182								
435250	0.152								
435251	> 5.000	232	3110	99.6	92.2	239	23.73	477.18	500.91
435252	0.322								
435253	0.223								
435254	0.079								
435255	0.056								
435256	0.020								
435257	0.088								
435258	0.174								
435259	0.099								
435260	0.174								
435261	1.119								
435262	1.039								
435263	0.021								
435264	0.031								
435265	0.156								
435266	0.090								
435267	0.072								
435268	0.047								
435269	0.424								
435270	0.105								
435271	0.087								
435272	< 0.005								
435273	0.323								
435274	0.088								
435275	0.052								
435276	0.132								
435277	1.226								
435278	1.485								
435279	0.208								
435280	0.409								
435281	0.187								
435282	0.070								
435283	0.143								
435284	1.459								
435285	0.174								
435286	0.300								
435287	0.709								
435288	0.132								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435289	0.143								
435290	0.125								
435291	0.170								
435292	0.409								
435293	0.034								
435294	0.093								
435295	0.090								
435296	< 0.005								
435297	0.600								
435298	0.864								
435299	0.495								
435300	0.273								
435301	0.382								
435302	0.191								
435303	2.144								
435304	1.358								
435305	> 5.000	8.76	55.9	1.25	1.36	4.09	26.91	499.50	526.41
435306	0.210								
435307	2.163								
435308	0.281								
435309	0.717								
435310	0.701								
435311	0.267								
435312	0.477								
435313	0.401								
435314	0.093								
435315	0.344								
435316	0.463								
435317	0.445								
435318	0.053								
435319	0.046								
435320	0.790								
435321	0.437								
435322	0.250								
435323	0.175								
435324	< 0.005								
435325	0.109								
435326	1.374								
435327	0.058								
435328	0.273								
435329	0.014								
435330	0.015								
435331	0.435								
435332	0.338								
435333	0.371								
435334	0.239								
435335	0.121								
435336	0.658								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435337	0.581								
435338	0.716								
435339	1.238								
435340	0.770								
435341	0.636								
435342	1.095								
435343	0.307								
435344	0.076								
435345	0.267								
435346	0.274								
435347	0.278								
435348	< 0.005								
435349	0.255								
435350	0.388								
435351	0.222								
435352	0.316								
435353	0.461								
435354	0.168								
435355	1.841								
435356	1.189								
435357	0.396								
435358	0.729								
435359	0.592								
435360	0.179								
435361	1.546								
435362	0.467								
435363	0.181								
435364	0.137								
435365	0.482								
435366	0.103								
435367	0.770								
435368	1.848								
435369	0.194								
435370	0.584								
435371	0.582								
435372	0.005								
435373	0.138								
435374	1.638								
435375	0.435								
435376	0.236								
435377	2.398								
435378	0.184								
435379	0.303								
435380	0.266								
435381	1.483								
435382	2.042		13.8	1.54	1.78	2.00	14.44	505.91	520.35
435383	0.516								
435384	1.448								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435385	0.238								
435386	0.951								
435387	0.320								
435388	0.430								
435389	0.273								
435390	0.473								
435391	0.452								
435392	0.701								
435393	1.805								
435394	0.307								
435395	0.556								
435396	< 0.005								
435397	0.510								
435398	0.363								
435399	0.716								
435400	0.735								
435401	0.433								
435402	0.226								
435403	1.091								
435404	0.776								
435405	0.423								
435406	0.305								
435407	0.185								
435408	0.018								
435409	4.917	2.01							
435410	1.033								
435411	0.345								
435412	0.466								
435413	0.013								
435414	0.108								
435415	0.639								
435416	1.404								
435417	1.389								
435418	0.381								
435419	0.381								
435420	0.321								
435421	0.054								
435422	0.346								
435423	0.682								
435424	< 0.005								
435425	0.660								
435426	0.167								
435427	0.769								
435428	0.411								
435429	0.992								
435430	1.911								
435431	0.746								
435432	0.426								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435433	0.355								
435434	0.949								
435435	> 5.000	13.0	53.7	2.20	2.49	4.52	21.57	487.33	508.90
435436	0.641								
435437	0.017								
435438	< 0.005								
435439	0.005								
435440	0.071								
435441	0.328								
435442	0.259								
435443	> 5.000	9.91	25.1	4.76	4.45	5.87	32.23	488.25	520.48
435444	0.990								
435445	0.198								
435446	0.668								
435447	1.989								
435448	< 0.005								
435449	2.172								
435450	1.953								
435451	1.671								
435452	0.709								
435453	0.398								
435454	0.341								
435455	0.843								
435456	0.343								
435457	0.182								
435458	0.169								
435459	0.968								
435460	0.160								
435461	0.745								
435462	1.983								
435463	0.654								
435464	1.079								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.4				11.8			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		11.8							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire Assay) Meas	2.218	2.21							
Oreas 237 (Fire Assay) Cert	2.21	2.21							
Oreas 237 (Fire Assay) Meas	2.205								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.134								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.176								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.204								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.142								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.308								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.250								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.307								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.269								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.134								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.293								
Oreas 237 (Fire Assay) Cert	2.21								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas 237 (Fire Assay) Meas	2.315								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.304								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.184								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.223								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.51				8.61			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.25							
OREAS 228b (Fire Assay) Cert		8.57							
Oreas E1336 (Fire Assay) Meas	0.512	0.50							
Oreas E1336 (Fire Assay) Cert	0.510	0.510							
Oreas E1336 (Fire Assay) Meas	0.503								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.490								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.497								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.502								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.503								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.508								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.530								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.519								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.520								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.502								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.528								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.499								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.507								
Oreas E1336 (Fire Assay) Cert	0.510								
435010 Orig	0.007								
435010 Dup	0.009								
435020 Orig	0.105								
435020 Dup	0.071								
435030 Orig	0.055								
435030 Dup	0.056								
435045 Orig	0.255								
435045 Dup	0.259								
435050 Split Orig PREP DUP	0.179								
435050 Split PREP DUP	0.189								
435054 Orig	0.035								
435054 Dup	0.034								
435079 Orig	0.065								
435079 Dup	0.048								
435089 Orig	0.078								
435089 Dup	0.071								
435099 Orig	0.167								
435099 Dup	0.211								
435100 Split Orig PREP DUP	0.237								
435100 Split	0.263								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
PREP DUP									
435113 Orig	0.878								
435113 Dup	0.922								
435123 Orig	0.193								
435123 Dup	0.145								
435148 Orig	< 0.005								
435148 Dup	< 0.005								
435150 Split Orig	0.130								
PREP DUP									
435150 Split	0.127								
PREP DUP									
435157 Orig	0.200								
435157 Dup	0.166								
435167 Orig	0.571								
435167 Dup	0.545								
435187 Orig			3.08	3.32	3.16	3.23	26.92	447.32	474.24
435192 Orig	1.482								
435192 Dup	1.425								
435200 Split Orig	0.206								
PREP DUP									
435200 Split	0.288								
PREP DUP									
435216 Orig	> 5.000		18.8	3.24	3.37	3.84	14.01	395.93	409.94
435216 Dup	> 5.000								
435222 Orig			23.8	9.40	8.84	9.73	16.79	386.82	403.61
435237 Orig	0.629								
435237 Dup	0.717								
435250 Split Orig	0.152								
PREP DUP									
435250 Split	0.216								
PREP DUP									
435251 Orig	> 5.000		3110	99.6	92.2	239	23.73	477.18	500.91
435251 Dup	> 5.000								
435261 Orig	1.142								
435261 Dup	1.097								
435270 Orig	0.115								
435270 Dup	0.096								
435285 Orig	0.164								
435285 Dup	0.183								
435295 Orig	0.093								
435295 Dup	0.087								
435300 Split Orig	0.273								
PREP DUP									
435300 Split	0.208								
PREP DUP									
435305 Orig			55.9	1.25	1.36	4.09	26.91	499.50	526.41
435329 Orig	0.018								
435329 Dup	0.011								
435339 Orig	1.242								
435339 Dup	1.234								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435350 Split Orig PREP DUP	0.388								
435350 Split PREP DUP	0.360								
435353 Orig	0.463								
435353 Dup	0.460								
435363 Orig	0.205								
435363 Dup	0.156								
435382 Orig			13.8	1.54	1.78	2.00	14.44	505.91	520.35
435388 Orig	0.496								
435388 Dup	0.364								
435398 Orig	0.399								
435398 Dup	0.327								
435400 Split Orig PREP DUP	0.735								
435400 Split PREP DUP	0.725								
435407 Orig	0.155								
435407 Dup	0.214								
435422 Orig	0.357								
435422 Dup	0.336								
435432 Orig	0.459								
435432 Dup	0.393								
435435 Orig			53.7	2.20	2.49	4.52	21.57	487.33	508.90
435442 Orig	0.256								
435442 Dup	0.262								
435443 Orig			25.1	4.76	4.45	5.87	32.23	488.25	520.48
435450 Split Orig PREP DUP	1.953								
435450 Split PREP DUP	1.838								
435456 Orig	0.315								
435456 Dup	0.370								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
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Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							



Report No.: A21-11993-ReAssay
 Report Date: 16-Jul-21
 Date Submitted: 28-Jun-21
 Your Reference: 234

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

31 Pulp samples were submitted for analysis.

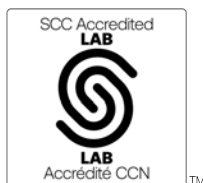
The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	GOP AA-Au (Au - Fire Assay AA)	2021-06-30 20:29:48

REPORT **A21-11993-ReAssay**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
435081	0.127
435082	0.171
435083	0.377
435084	1.497
435085	0.036
435086	0.211
435087	0.051
435088	0.033
435089	0.106
435090	0.068
435091	0.073
435092	0.087
435093	0.110
435094	0.162
435095	< 0.005
258677	< 0.005
435097	0.054
435098	0.199
435099	0.354
435100	0.252
435101	1.246
435102	0.429
435103	1.247
435104	1.476
435105	0.822
435106	0.787
435107	1.101
435108	0.693
435109	0.136
435110	0.355
435111	0.152

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.287
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.133
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.290
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.520
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.525
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.514
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.520
Oreas E1336 (Fire Assay) Cert	0.510
435090 Orig	0.068
435090 Dup	0.067
435098 Orig	0.182
435098 Dup	0.215
435106 Orig	0.787
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-13159-ReAssay
 Report Date: 19-Jul-21
 Date Submitted: 12-Jul-21
 Your Reference: 234

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

24 Pulp samples were submitted for analysis.

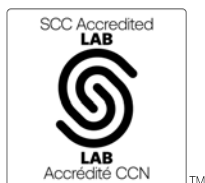
The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	GOP AA-Au (Au - Fire Assay AA)	2021-07-13 11:41:42

REPORT **A21-13159-ReAssay**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
439697	0.146
439698	0.062
439699	0.226
439700	0.194
439701	0.089
439702	0.065
439703	0.164
439704	0.140
439705	0.246
439706	0.924
439707	0.040
439708	0.028
439709	0.022
439710	0.031
439711	0.081
258678	0.499
439713	0.032
439714	0.015
439715	0.018
439716	0.025
439717	0.022
439718	< 0.005
439719	0.007
439720	< 0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.285
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.252
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.526
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.517
Oreas E1336 (Fire Assay) Cert	0.510
439716 Orig	0.030
439716 Dup	0.020
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-07505
Report Date: 28-Jun-21
Date Submitted: 29-Apr-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

315 Rock samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

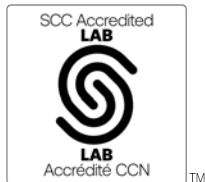
REPORT A21-07505

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436704	0.005								
436705	< 0.005								
436706	0.024								
436707	0.008								
436708	0.072								
436709	0.016								
436710	0.021								
436711	0.190								
436712	0.486								
436713	0.007								
436714	0.007								
436715	0.043								
436716	0.006								
436717	0.009								
436718	0.005								
436719	0.011								
436720	0.009								
436721	0.007								
436722	0.020								
436723	0.051								
436724	0.005								
436725	0.012								
436726	0.045								
436727	0.040								
436728	0.019								
436729	0.129								
436730	0.249								
436731	0.170								
436732	0.234								
436733	0.297								
436734	0.175								
436735	0.081								
436736	0.645								
436737	0.033								
436738	0.091								
436739	0.055								
436740	0.077								
436741	0.201								
436742	0.157								
436743	0.056								
436744	> 5.000	9.85	22.4	6.94	6.21	7.81	38.46	453.42	491.88
436745	0.070								
436746	0.083								
436747	0.043								
436748	< 0.005								
436749	0.263								
436750	0.116								
436751	0.449								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436752	0.162								
436753	0.357								
436754	0.080								
436755	0.090								
436756	0.090								
436757	0.044								
436758	0.014								
436759	0.015								
436760	0.169								
436761	0.042								
436762	0.012								
436763	0.013								
436764	0.010								
436765	0.009								
436766	0.006								
436767	0.021								
436768	0.107								
436769	0.081								
436770	0.073								
436771	0.072								
436772	< 0.005								
436773	0.013								
436774	0.036								
436775	0.081								
436776	0.013								
436777	0.050								
436778	0.017								
436779	0.047								
436780	0.033								
436781	0.041								
436782	< 0.005								
436783	0.007								
436784	1.461								
436785	0.010								
436786	< 0.005								
436787	0.079								
436788	0.027								
436789	< 0.005								
436790	< 0.005								
436791	0.015								
436792	0.021								
436793	0.016								
436794	0.044								
436795	0.022								
436796	< 0.005								
436797	0.034								
436798	< 0.005								
436799	0.006								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436800	< 0.005								
436801	0.301								
436802	0.007								
436803	0.030								
436804	0.250								
436805	0.179								
436806	0.405								
436807	3.183	3.31							
436808	0.458								
436809	0.248								
436810	0.009								
436811	0.122								
436812	0.494								
436813	0.007								
436814	0.012								
436815	0.082								
436816	0.046								
436817	0.165								
436818	0.290								
436819	< 0.005								
436820	0.053								
436821	0.200								
436822	0.029								
436823	0.192								
436824	< 0.005								
436825	0.047								
436826	0.217								
436827	0.191								
436828	1.929								
436829	0.014								
436830	0.016								
436831	0.013								
436832	0.064								
436833	0.018								
436834	0.032								
436835	0.755								
436836	0.673								
436837	0.041								
436838	0.168								
436839	0.082								
436840	0.074								
436841	0.033								
436842	0.046								
436843	0.042								
436844	0.036								
436845	0.074								
436846	0.033								
436847	0.032								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436848	< 0.005								
436849	0.029								
436850	0.033								
436851	0.059								
436852	0.067								
436853	0.229								
436854	0.069								
436855	0.144								
436856	0.066								
436857	0.026								
436858	0.024								
436859	0.014								
436860	0.172								
436861	0.044								
436862	0.632								
436863	0.083								
436864	0.033								
436865	2.023								
436866	0.028								
436867	0.323								
436868	0.297								
436869	0.232								
436870	0.255								
436871	0.114								
436872	< 0.005								
436873	0.611								
436874	1.666								
436875	3.005		30.5	2.70	2.05	5.18	48.28	435.79	484.07
436876	2.181								
436877	0.312								
436878	0.130								
436879	0.081								
436880	0.140								
436881	0.258								
436882	0.192								
436883	0.057								
436884	1.431								
436885	0.104								
436886	0.071								
436887	0.028								
436888	0.204								
436889	0.030								
436890	0.024								
436891	0.181								
436892	0.124								
436893	0.026								
436894	0.086								
436895	0.062								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436896	< 0.005								
436897	0.033								
436898	0.036								
436899	0.050								
436900	0.053								
436901	0.141								
436902	0.061								
436903	0.026								
436904	0.105								
436905	0.034								
436906	0.120								
436907	0.079								
436908	0.017								
436909	0.011								
436910	0.015								
436911	0.019								
436912	0.506								
436913	0.051								
436914	0.063								
436915	0.034								
436916	0.337								
436917	0.113								
436918	0.012								
436919	0.320								
436920	0.145								
436921	0.089								
436922	0.036								
436923	0.099								
436924	< 0.005								
436925	3.535	3.85							
436926	0.153								
436927	0.061								
436928	0.251								
436929	0.042								
436930	0.053								
436931	0.037								
436932	0.022								
436933	0.092								
436934	0.074								
436935	0.059								
436936	0.692								
436937	0.021								
436938	0.019								
436939	0.038								
436940	0.170								
436941	0.009								
436942	0.211								
436943	0.205								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436944	0.230								
436945	0.199								
436946	0.209								
436947	0.207								
436948	< 0.005								
436949	0.209								
436950	0.107								
436951	0.028								
436952	0.072								
436953	0.168								
436954	0.074								
436955	0.243								
436956	0.518								
436957	0.596								
436958	> 5.000	6.34	37.9	2.81	2.99	5.66	38.65	450.81	489.46
436959	0.361								
436960	0.178								
436961	0.140								
436962	0.169								
436963	0.098								
436964	0.083								
436965	0.098								
436966	0.570								
436967	3.123	3.25							
436968	0.066								
436969	0.179								
436970	0.613								
436971	0.057								
436972	< 0.005								
436973	0.046								
436974	0.181								
436975	0.064								
436976	0.082								
436977	0.148								
436978	0.011								
436979	0.152								
436980	0.318								
436981	< 0.005								
436982	0.043								
436983	< 0.005								
436984	1.539								
436985	0.010								
436986	0.009								
436987	< 0.005								
436988	0.082								
436989	0.210								
436990	0.320								
436991	0.167								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436992	0.232								
436993	0.528								
436994	0.458								
436995	0.367								
436996	< 0.005								
436997	1.310								
436998	0.205								
436999	0.824								
437000	0.921								
437001	0.060								
437002	0.085								
437003	0.069								
437004	0.033								
437005	0.049								
437006	0.115								
437007	0.109								
437008	0.069								
437009	0.117								
437010	0.240								
437011	0.183								
437012	0.484								
437013	0.080								
437014	3.504	3.45							
437015	0.030								
437016	0.115								
437017	0.131								
437018	0.402								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.8				12.0			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		11.9							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire Assay) Meas	2.296								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.306								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.297								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.232								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.234								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.292								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.304								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.303								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.160								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.317								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.221								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.252								
Oreas 237 (Fire Assay) Cert	2.21								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
OREAS 228b (Fire Assay) Meas		8.69				8.64			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.81							
OREAS 228b (Fire Assay) Cert		8.57							
Oreas E1336 (Fire Assay) Meas	0.522								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.505								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.516								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.492								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.527								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.492								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.527								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.517								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.516								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.519								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Oreas E1336 (Fire Assay) Cert	0.510								
436707 Orig	0.008								
436707 Dup	0.008								
436717 Orig	0.007								
436717 Dup	0.010								
436727 Orig	0.046								
436727 Dup	0.034								
436744 Orig			22.4	6.94	6.21	7.81	38.46	453.42	491.88
436752 Orig	0.190								
436752 Dup	0.135								
436753 Split Orig PREP DUP	0.357								
436753 Split PREP DUP	0.431								
436762 Orig	0.014								
436762 Dup	0.009								
436777 Orig	0.059								
436777 Dup	0.042								
436787 Orig	0.080								
436787 Dup	0.077								
436797 Orig	0.037								
436797 Dup	0.030								
436803 Split Orig PREP DUP	0.030								
436803 Split PREP DUP	0.021								
436813 Orig	0.006								
436813 Dup	0.007								
436822 Orig	0.028								
436822 Dup	0.029								
436847 Orig	0.041								
436847 Dup	0.023								
436853 Split Orig PREP DUP	0.229								
436853 Split PREP DUP	0.257								
436857 Orig	0.023								
436857 Dup	0.029								
436875 Orig			30.5	2.70	2.05	5.18	48.28	435.79	484.07
436882 Orig	0.197								
436882 Dup	0.188								
436892 Orig	0.121								
436892 Dup	0.127								
436902 Orig	0.069								
436902 Dup	0.054								
436903 Split Orig PREP DUP	0.026								
436903 Split PREP DUP	0.030								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank	< 0.005								
Method Blank	< 0.005								



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-08151
 Report Date: 23-Jun-21
 Date Submitted: 07-May-21
 Your Reference: GOS-234

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

202 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-06-18 10:41:44
1A3-50-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-06-20 12:55:44
1A4 (100mesh)-Timmins	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-06-23 16:24:04

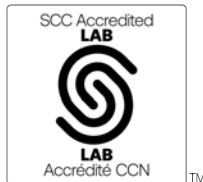
REPORT A21-08151

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
435465	0.439								
435466	0.137								
435467	0.137								
435468	0.121								
435469	0.038								
435470	0.043								
435471	0.017								
435472	< 0.005								
435473	0.144								
435474	2.035								
435475	0.173								
435476	0.019								
435477	0.021								
435478	0.055								
435479	0.077								
435480	0.071								
435481	0.035								
435482	0.039								
435483	0.047								
435484	1.392								
435485	0.100								
435486	0.012								
435487	0.016								
435488	0.031								
435489	0.041								
435490	0.030								
435491	0.303								
435492	0.024								
435493	0.095								
435494	0.027								
435495	0.064								
435496	< 0.005								
435497	0.028								
435498	0.449								
435499	0.006								
435500	0.015								
431159	0.017								
431160	0.174								
431161	0.065								
431162	0.015								
431163	0.012								
431164	0.011								
431165	0.012								
431166	0.018								
431167	< 0.005								
431168	0.069								
431169	0.045								
431170	0.029								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
431171	0.079								
431172	< 0.005								
431173	0.024								
431174	< 0.005								
431175	0.048								
431176	0.019								
431177	0.018								
431178	0.030								
431179	< 0.005								
431180	0.007								
431181	0.011								
431182	> 5.000	38.5	19.6	19.1	20.5	28.84	448.27	477.11	31.4
431183	4.667								4.83
431184	1.360								
431185	0.197								
431186	0.915								
431187	0.008								
431188	0.177								
431189	< 0.005								
431190	< 0.005								
431191	< 0.005								
431192	0.006								
431193	< 0.005								
431194	0.009								
431195	0.018								
431196	< 0.005								
431197	0.021								
431198	0.502								
431199	0.576								
431200	1.702								
431201	0.735								
431202	0.877								
431203	0.545								
431204	0.128								
431205	0.260								
431206	0.464								
431207	0.535								
431208	0.651								
431209	0.968								
431210	0.180								
431211	0.243								
431212	0.483								
431213	0.057								
431214	0.171								
431215	0.043								
431216	0.097								
431217	0.193								
431218	0.102								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
431219	0.263								
431220	0.143								
431221	0.126								
431222	0.058								
431223	0.019								
431224	< 0.005								
431225	0.023								
431226	0.016								
431227	0.015								
431228	0.018								
431229	0.007								
431230	0.006								
431231	0.009								
431232	0.026								
431233	0.009								
431234	< 0.005								
431235	0.009								
431236	0.678								
431237	0.006								
431238	0.011								
431239	0.013								
431240	0.037								
431241	0.412								
431242	0.188								
431243	0.097								
431244	0.135								
431245	0.243								
431246	0.040								
431247	0.019								
431248	< 0.005								
431249	0.037								
431250	0.109								
431251	1.456								
431252	0.148								
431253	0.022								
431254	0.021								
431255	0.100								
431256	0.015								
431257	0.060								
431258	0.086								
431259	0.005								
431260	0.172								
431261	0.027								
431262	0.087								
431263	0.042								
431264	0.104								
431265	0.032								
431266	0.021								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
431267	0.007								
431268	0.094								
431269	0.049								
431270	0.039								
431271	0.146								
431272	< 0.005								
431273	0.074								
431274	1.667								
431275	0.038								
431276	0.026								
431277	0.181								
431278	0.044								
431279	0.118								
431280	0.026								
431281	0.033								
431282	0.043								
431283	0.048								
431284	1.305								
431285	0.046								
431286	< 0.005								
431287	0.013								
431288	0.009								
431289	0.058								
431290	0.076								
431291	0.076								
431292	0.058								
431293	0.157								
431294	0.056								
431295	0.211								
431296	< 0.005								
431297	0.151								
431298	0.167								
431299	0.144								
431300	0.184								
431301	0.275								
431302	0.032								
431303	0.040								
431304	0.113								
431305	0.089								
431306	0.006								
431307	0.039								
431308	0.197								
431309	1.244								
431310	0.022								
431311	0.051								
431312	0.477								
431313	0.019								
431314	0.091								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
431315	0.118								
431316	0.038								
431317	0.248								
431318	0.024								
431319	0.082								
431320	0.392								
431321	2.786								
431322	1.429								
431323	< 0.005								
431324	< 0.005								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-GRA
OREAS 229b (Fire Assay) Meas					11.7				11.8
OREAS 229b (Fire Assay) Cert					11.9				11.9
Oreas 237 (Fire Assay) Meas	2.206								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.161								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.191								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.297								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.202								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.115								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.171								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas					8.40				8.82
OREAS 228b (Fire Assay) Cert					8.57				8.57
Oreas E1336 (Fire Assay) Meas	0.493								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.501								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.493								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.516								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.506								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.502								
Oreas E1336 (Fire Assay) Cert	0.510								
435474 Orig	2.035								
435485 Orig	0.100								
435494 Orig	0.028								
435494 Dup	0.026								
431167 Orig	0.006								
431167 Dup	< 0.005								
431173 Split Orig PREP DUP	0.024								
431173 Split PREP DUP	0.021								
431176 Orig	0.019								
431176 Dup	0.018								
431182 Orig		38.5	19.6	19.1	20.5	28.84	448.27	477.11	
431186 Orig	0.871								
431186 Dup	0.960								
431201 Orig	0.701								
431201 Dup	0.769								
431211 Orig	0.224								
431211 Dup	0.261								
431221 Orig	0.128								
431221 Dup	0.123								
431222 Split Orig PREP DUP	0.058								
431222 Split PREP DUP	0.058								
431235 Orig	0.009								
431235 Dup	0.009								
431245 Orig	0.275								
431245 Dup	0.212								
431255 Orig	0.106								
431255 Dup	0.094								
431270 Orig	0.040								
431270 Dup	0.038								
431272 Split Orig PREP DUP	< 0.005								
431272 Split PREP DUP	< 0.005								
431279 Orig	0.118								
431289 Orig	0.062								
431289 Dup	0.054								
431304 Orig	0.124								
431304 Dup	0.103								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
431314 Orig	0.086								
431314 Dup	0.096								
431322 Split Orig PREP DUP	1.429								
431322 Split PREP DUP	1.464								
431323 Orig	< 0.005								
431323 Dup	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								< 0.02
Method Blank									< 0.02
Method Blank					< 0.03				
Method Blank					< 0.03				



Report No.: A21-08156
Report Date: 21-Jun-21
Date Submitted: 07-May-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

132 Rock samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2-Timmins (ppm) | GOP AA-Au (Au - Fire Assay AA) | 2021-06-20 07:42:25

REPORT A21-08156

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
437019	0.132
437020	0.139
437021	0.105
437022	0.400
437023	0.689
437024	< 0.005
437025	0.300
437026	0.145
437027	0.386
437028	0.285
437029	0.327
437030	0.373
437031	0.337
437032	0.191
437033	0.075
437034	0.022
437035	0.058
437036	0.652
437037	0.290
437038	0.046
437039	0.049
437040	0.056
437041	0.053
437042	0.077
437043	0.183
437044	1.012
437045	0.226
437046	0.085
437047	0.063
437048	< 0.005
437049	0.084
437050	0.135
437051	0.039
437052	0.061
437053	0.018
437054	< 0.005
437055	< 0.005
437056	< 0.005
437057	< 0.005
437058	< 0.005
437059	0.006
437060	0.165
437061	0.101
437062	0.007
437063	< 0.005
437064	0.089
437065	< 0.005
437066	0.041
437067	0.017
437068	0.014
437069	0.026

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
437070	0.031
437071	0.311
437072	< 0.005
437073	0.034
437074	0.038
437075	0.039
437076	0.021
437077	0.038
437078	< 0.005
437079	< 0.005
437080	< 0.005
437081	< 0.005
437082	0.008
437083	0.027
437084	1.523
437085	0.202
437086	0.037
437087	0.042
437088	0.357
437089	0.280
437090	0.221
437091	0.054
437092	0.092
437093	0.047
437094	0.017
437095	0.025
437096	< 0.005
437097	0.109
437098	0.075
437099	0.044
437100	0.265
437101	0.136
437102	0.018
437103	0.008
437104	0.012
437105	0.027
437106	0.017
437107	0.013
437108	< 0.005
437109	< 0.005
437110	< 0.005
437111	< 0.005
437112	0.524
437113	0.021
437114	0.048
437115	0.202
437116	0.226
437117	0.086
437118	0.123
437119	0.350
437120	0.083

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
437121	0.349
437122	0.064
437123	0.007
437124	< 0.005
437125	0.034
437126	0.111
437127	0.078
437128	0.040
437129	0.093
437130	0.085
437131	0.087
437132	0.026
437133	< 0.005
437134	< 0.005
437135	0.101
437136	0.708
437137	0.119
437138	0.141
437139	0.218
437140	0.006
437141	0.027
437142	0.045
437143	0.014
437144	0.103
437145	0.432
437146	0.313
437147	0.198
437148	< 0.005
437149	0.155
437150	0.086

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.228
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.117
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.278
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.220
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.508
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.527
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.507
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.516
Oreas E1336 (Fire Assay) Cert	0.510
437028 Orig	0.292
437028 Dup	0.279
437038 Orig	0.042
437038 Dup	0.050
437048 Orig	< 0.005
437048 Dup	< 0.005
437063 Orig	< 0.005
437063 Dup	< 0.005
437068 Split Orig PREP DUP	0.014
437068 Split PREP DUP	0.029
437073 Orig	0.038
437073 Dup	0.029
437083 Orig	0.026
437083 Dup	0.029
437098 Orig	0.083
437098 Dup	0.068
437108 Orig	< 0.005
437108 Dup	0.010
437118 Split Orig PREP DUP	0.123
437118 Split PREP DUP	0.110

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
437119 Orig	0.350
437133 Orig	< 0.005
437133 Dup	0.009
437143 Orig	0.011
437143 Dup	0.016
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-09536 (i)
 Report Date: 12-Jul-21
 Date Submitted: 07-May-21
 Your Reference: 234-GOS

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

386 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-06-29 07:32:44
1A3-50-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-06-30 18:04:07
1A4 (100mesh)-Timmins	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-07-04 15:50:09

REPORT A21-09536 (i)

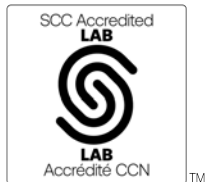
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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Footnote: Sample 437306, 437374, 437382 has variable gold.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437151	0.026								
437152	0.050								
437153	0.197								
437154	0.129								
437155	0.028								
437156	0.040								
437157	0.082								
437158	0.116								
437159	0.080								
437160	0.173								
437161	0.206								
437162	0.167								
437163	0.095								
437164	0.161								
437165	0.035								
437166	0.048								
437167	0.048								
437168	0.021								
437169	0.027								
437170	0.032								
437171	0.151								
437172	< 0.005								
437173	0.066								
437174	0.045								
437175	0.073								
437176	0.071								
437177	0.061								
437178	0.479								
437179	0.149								
437180	0.022								
437181	0.019								
437182	0.117								
437183	0.025								
437184	1.471								
437185	0.015								
437186	0.015								
437187	0.180								
437188	0.057								
437189	0.062								
437190	0.037								
437191	0.026								
437192	0.130								
437193	0.031								
437194	0.210								
437195	0.119								
437196	< 0.005								
437197	0.054								
437198	0.027								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437199	0.018								
437200	0.023								
437201	0.016								
437202	0.011								
437203	0.007								
437204	0.020								
437205	0.176								
437206	0.165								
437207	0.277								
437208	0.030								
437209	0.137								
437210	0.108								
437211	0.130								
437212	0.491								
437213	0.797								
437214	0.023								
437215	0.233								
437216	0.148								
437217	0.201								
437218	0.092								
437219	0.193								
437220	0.101								
437221	0.082								
437222	0.195								
437223	1.176								
437224	< 0.005								
437225	0.508								
437226	0.235								
437227	0.180								
437228	0.135								
437229	1.461								
437230	2.442								
437231	0.545								
437232	0.980								
437233	0.185								
437234	0.321								
437235	0.339								
437236	0.655								
437237	1.169								
437238	1.660								
437239	3.137	3.81							
437240	1.408								
437241	0.980								
437242	1.906								
437243	0.628								
437244	0.789								
437245	0.790								
437246	0.795								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437247	0.972								
437248	0.005								
437249	0.127								
437250	0.123								
437251	0.115								
437252	0.129								
437253	1.890								
437254	0.229								
437255	0.647								
437256	0.052								
437257	0.126								
437258	0.292								
437259	0.880								
437260	0.175								
437261	0.108								
437262	1.516								
437263	0.433								
437264	0.241								
437265	0.121								
437266	0.189								
437267	0.421								
437268	0.299								
437269	0.093								
437270	0.114								
437271	0.626								
437272	< 0.005								
437273	1.013								
437274	0.246								
437275	1.444								
437276	1.646								
437277	3.635	3.16							
437278	1.377								
437279	> 5.000	4.59	0.94	1.34	1.18	1.22	55.57	459.00	514.57
437280	1.323								
437281	1.772								
437282	0.177								
437283	0.100								
437284	1.386								
437285	0.125								
437286	0.051								
437287	0.038								
437288	0.197								
437289	0.120								
437290	0.091								
437291	0.163								
437292	0.297								
437293	0.275								
437294	0.353								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437295	0.154								
437296	0.005								
437297	0.242								
437298	2.373								
437299	0.410								
437300	0.654								
437301	> 5.000	5.22	2.52	2.54	2.52	2.53	51.30	457.00	508.30
437302	0.051								
437303	0.488								
437304	0.976								
437305	0.118								
437306	1.360								
437307	0.019								
437308	0.054								
437309	1.090								
437310	0.253								
437311	0.015								
437312	0.469								
437313	0.297								
437314	< 0.005								
437315	0.206								
437316	0.166								
437317	0.034								
437318	0.009								
437319	0.082								
437320	0.202								
437321	4.005	4.81							
437322	< 0.005								
437323	0.024								
437324	< 0.005								
437325	0.074								
437326	0.101								
437327	0.823								
437328	3.386	3.22							
437329	0.071								
437330	0.184								
437331	0.285								
437332	0.012								
437333	0.012								
437334	0.186								
437335	0.024								
437336	0.679								
437337	3.819	3.13							
437338	0.192								
437339	0.148								
437340	0.668								
437341	0.337								
437342	1.229								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437343	3.027	3.03							
437344	1.158								
437345	0.029								
437346	0.347								
437347	0.283								
437348	< 0.005								
437349	0.188								
437350	0.414								
437351	3.494	3.00							
437352	0.468								
437353	2.296								
437354	0.005								
437355	0.040								
437356	0.253								
437357	0.160								
437358	0.191								
437359	0.089								
437360	0.173								
437361	0.048								
437362	0.223								
437363	0.749								
437364	1.747								
437365	< 0.005								
437366	0.903								
437367	0.006								
437368	0.935								
437369	1.178								
437370	1.947								
437371	0.987								
437372	< 0.005								
437373	3.509	3.77							
437374	2.150								
437375	< 0.005								
437376	0.093								
437377	0.373								
437378	0.748								
437379	0.052								
437380	0.313								
437381	0.052								
437382	1.952								
437383	0.479								
437384	1.517								
437385	0.169								
437386	0.249								
437387	0.080								
437388	0.122								
437389	0.398								
437390	0.313								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437391	0.636								
437392	0.532								
437393	1.110								
437394	> 5.000	6.26	10.7	5.57	5.76	5.88	21.21	482.00	503.21
437395	> 5.000	5.26	13.9	7.85	6.12	7.56	41.38	458.00	499.38
437396	< 0.005								
437397	> 5.000	6.40	35.8	12.8	12.6	14.0	27.76	484.00	511.76
437398	0.269								
437399	0.185								
437400	2.925								
437401	0.666								
437402	0.224								
437403	0.747								
437404	2.141								
437405	1.412								
437406	0.202								
437407	0.421								
437408	0.570								
437409	2.620								
437410	1.632								
437411	0.483								
437412	0.485								
437413	0.465								
437414	0.385								
437415	> 5.000	5.59	6.98	3.32	3.32	3.98	40.99	460.00	500.90
437416	0.699								
437417	0.046								
437418	< 0.005								
437419	> 5.000	7.49	11.8	2.47	3.05	3.60	46.29	450.00	496.29
437420	2.037								
437421	2.083								
437422	1.787								
437423	1.714								
437424	< 0.005								
437425	0.049								
437426	< 0.005								
437427	< 0.005								
437428	< 0.005								
437429	< 0.005								
437430	< 0.005								
437431	< 0.005								
437432	0.458								
437433	0.530								
437434	0.261								
437435	0.394								
437436	0.657								
437437	0.208								
437438	0.366								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437439	0.154								
437440	0.247								
437441	0.115								
437442	2.577								
437443	0.463								
437444	0.324								
437445	0.403								
437446	0.254								
437447	0.563								
437448	< 0.005								
437449	0.156								
437450	0.123								
437451	< 0.005								
437452	0.228								
437453	0.344								
437454	0.345								
437455	0.464								
437456	0.412								
437457	0.263								
437458	2.308								
437459	0.659								
437460	0.168								
437461	0.609								
437462	0.511								
437463	0.383								
437464	0.174								
437465	0.348								
437466	0.471								
437467	0.971								
437468	0.757								
437469	0.808								
437470	0.622								
437471	0.912								
437472	< 0.005								
437473	0.390								
437474	0.538								
437475	0.320								
437476	0.368								
437477	0.835								
437478	1.099								
437479	0.603								
437480	0.309								
437481	0.811								
437482	0.768								
437483	0.333								
437484	0.611								
437485	0.320								
437486	0.435								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437487	0.342								
437488	0.525								
437489	0.331								
437490	0.287								
437491	0.207								
437492	0.735								
437493	0.139								
437494	0.054								
437495	< 0.005								
437496	< 0.005								
437497	0.084								
437498	0.089								
437499	0.252								
437500	0.103								
437501	0.084								
437502	0.371								
437503	0.119								
437504	0.302								
437505	0.212								
437506	0.378								
437507	0.256								
437508	0.271								
437509	0.315								
437510	0.393								
437511	0.329								
437512	0.487								
437513	0.285								
437514	< 0.005								
437515	0.110								
437516	0.772								
437517	0.535								
437518	0.461								
437519	0.204								
437520	0.466								
437521	0.048								
437522	0.499								
437523	0.150								
437524	< 0.005								
437525	0.125								
437526	0.135								
437527	< 0.005								
437528	< 0.005								
437529	< 0.005								
437530	< 0.005								
437531	< 0.005								
437532	< 0.005								
437533	< 0.005								
437534	0.113								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437535	< 0.005								
437536	0.661								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.7				11.5			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		11.8							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire Assay) Meas	2.139								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.254								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.239								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.273								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.243								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.238								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.243								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.232								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.223								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.126								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.242								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.205								
Oreas 237 (Fire Assay) Cert	2.21								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas 237 (Fire Assay) Meas	2.197								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.292								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.257								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.79				8.60			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.49							
OREAS 228b (Fire Assay) Cert		8.57							
Oreas E1336 (Fire Assay) Meas	0.503								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.512								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.508								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.526								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.508								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.502								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.518								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.498								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.512								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.512								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.507								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.520								
Oreas E1336 (Fire Assay) Cert	0.510								
437161 Orig	0.169								
437161 Dup	0.243								
437170 Orig	0.040								
437170 Dup	0.024								
437200 Split Orig PREP DUP	0.023								
437200 Split PREP DUP	0.019								
437204 Orig	0.017								
437204 Dup	0.023								
437239 Orig	3.202								
437239 Dup	3.072								
437249 Orig	0.136								
437249 Dup	0.117								
437250 Split Orig PREP DUP	0.123								
437250 Split PREP DUP	0.143								
437263 Orig	0.441								
437263 Dup	0.424								
437273 Orig	0.971								
437273 Dup	1.055								
437279 Orig			0.94	1.34	1.18	1.22	55.57	459.00	514.57
437283 Orig	0.115								
437283 Dup	0.084								
437300 Split Orig PREP DUP	0.654								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437300 Split PREP DUP	0.669								
437301 Orig			2.52	2.54	2.52	2.53	51.30	457.00	508.30
437307 Orig	0.021								
437307 Dup	0.017								
437317 Orig	0.043								
437317 Dup	0.025								
437332 Orig	0.009								
437332 Dup	0.015								
437342 Orig	1.311								
437342 Dup	1.147								
437350 Split Orig PREP DUP	0.414								
437350 Split PREP DUP	0.391								
437351 Orig	3.669								
437351 Dup	3.320								
437394 Orig			10.7	5.57	5.76	5.88	21.21	482.00	503.21
437395 Orig			13.9	7.85	6.12	7.56	41.38	458.00	499.38
437397 Orig			35.8	12.8	12.6	14.0	27.76	484.00	511.76
437400 Split Orig PREP DUP	2.925								
437400 Split PREP DUP	2.991								
437400 Split PREP DUP	2.991								
437410 Orig	1.499								
437410 Dup	1.766								
437415 Orig			6.98	3.32	3.32	3.98	40.99	460.00	500.90
437419 Orig			11.8	2.47	3.05	3.60	46.29	450.00	496.29
437420 Orig	1.973								
437420 Dup	2.101								
437450 Split Orig PREP DUP	0.123								
437450 Split PREP DUP	0.144								
437454 Orig	0.352								
437454 Dup	0.338								
437469 Orig	0.826								
437469 Dup	0.791								
437489 Orig	0.329								
437489 Dup	0.332								
437500 Split Orig PREP DUP	0.103								
437500 Split PREP DUP	0.100								
437503 Orig	0.123								
437503 Dup	0.115								
437513 Orig	0.287								
437513 Dup	0.284								
437523 Orig	0.134								



Report No.: A21-08715
 Report Date: 07-Jul-21
 Date Submitted: 14-May-21
 Your Reference: GOS-234

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

453 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-06-18 15:06:01
1A3-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-06-22 21:22:57
1A4 (100mesh)-Timmins	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-06-25 20:24:50

REPORT A21-08715

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440001	0.030								
440002	0.011								
440003	0.014								
440004	0.207								
440005	< 0.005								
440006	0.060								
440007	0.141								
440008	0.148								
440009	0.155								
440010	0.115								
440011	0.134								
440012	0.478								
440013	0.095								
440014	0.171								
440015	0.080								
440016	2.010								
440017	0.051								
440018	0.033								
440019	0.064								
440020	0.038								
440021	0.082								
440022	0.112								
440023	0.183								
440024	< 0.005								
440025	0.065								
440026	0.382								
440027	0.264								
440028	0.366								
440029	0.085								
440030	0.063								
440031	0.040								
440032	0.167								
440033	0.064								
440034	0.166								
440035	> 5.000	9.31	22.6	9.21	8.90	10.2	40.36	452.45	492.81
440036	0.649								
440037	0.281								
440038	0.120								
440039	0.023								
440040	0.434								
440041	0.062								
440042	0.076								
440043	0.308								
440044	0.193								
440045	0.378								
440046	0.036								
440047	0.071								
440048	0.006								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440049	0.061								
440050	0.078								
440051	0.031								
440052	0.027								
440053	0.022								
440054	0.020								
440055	0.021								
440056	0.077								
440057	0.065								
440058	0.060								
440059	0.327								
440060	0.171								
440061	> 5.000	6.62	9.32	5.59	5.73	5.93	34.35	426.52	460.87
440062	0.113								
440063	0.116								
440064	0.057								
440065	0.051								
440066	0.077								
440067	0.149								
440068	0.445								
440069	0.016								
440070	0.033								
440071	0.050								
440072	< 0.005								
440073	0.021								
440074	0.025								
440075	0.024								
440076	0.036								
440077	0.052								
440078	0.380								
440079	0.059								
440080	0.011								
440081	0.030								
440082	4.001	5.78	13.5	1.49	1.60	2.70	46.90	438.35	485.25
440083	1.005								
440084	1.478								
440085	0.109								
440086	0.116								
440087	0.069								
440088	0.006								
440089	0.973								
440090	0.276								
440091	0.096								
440092	0.321								
440093	0.123								
440094	0.069								
440095	0.011								
440096	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440097	0.056								
440098	0.348								
440099	0.147								
440100	0.079								
440101	0.133								
440102	0.142								
440103	1.582								
440104	3.114	4.23							
440105	0.135								
440106	0.086								
440107	0.415								
440108	0.064								
440109	0.100								
440110	0.450								
440111	0.214								
440112	0.475								
440113	0.622								
440114	0.461								
440115	0.907								
440116	0.660								
440117	0.112								
440118	0.165								
440119	0.751								
440120	0.429								
440121	1.047								
440122	0.615								
440123	1.359								
440124	< 0.005								
440125	0.406								
440126	0.196								
440127	0.221								
440128	0.010								
440129	< 0.005								
440130	< 0.005								
440131	0.186								
440132	0.265								
440133	0.408								
440134	0.136								
440135	0.333								
440136	0.654								
440137	0.769								
440138	0.231								
440139	0.384								
440140	0.029								
440141	0.323								
440142	0.084								
440143	0.070								
440144	0.178								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440145	0.245								
440146	0.041								
440147	0.022								
440148	< 0.005								
440149	0.021								
440150	0.023								
440151	0.115								
440152	0.908								
440153	0.012								
440154	0.036								
440155	0.034								
440156	1.249								
440157	0.112								
440158	0.009								
440159	0.037								
440160	0.178								
440161	0.110								
440162	0.029								
440163	0.008								
440164	0.985								
440165	0.714								
440166	0.063								
440167	0.255								
440168	1.069								
440169	0.833								
440170	0.984								
440171	0.117								
440172	< 0.005								
440173	0.141								
440174	0.023								
440175	0.219								
440176	0.143								
440177	0.671								
440178	0.548								
440179	0.675								
440180	0.562								
440181	0.079								
440182	0.041								
440183	0.198								
440184	1.429								
440185	0.126								
440186	0.584								
440187	0.019								
440188	0.284								
440189	0.155								
440190	0.138								
440191	0.013								
440192	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440193	< 0.005								
440194	0.142								
440195	0.476								
440196	< 0.005								
440197	0.213								
440198	0.195								
440199	0.151								
440200	0.553								
440201	0.043								
440202	0.025								
440203	0.021								
440204	0.015								
440205	0.013								
440206	0.011								
440207	0.009								
440208	0.012								
440209	0.005								
440210	0.007								
440211	0.016								
440212	0.499								
440213	0.010								
440214	0.009								
440215	0.019								
440216	0.022								
440217	0.102								
440218	0.119								
440219	0.253								
440220	0.033								
440221	0.023								
440222	0.379								
440223	0.322								
440224	< 0.005								
440225	4.351	4.34							
440226	0.063								
440227	0.296								
440228	1.004								
440229	0.219								
440230	0.453								
440231	0.078								
440232	0.030								
440233	0.056								
440234	0.018								
440235	0.201								
440236	0.666								
440237	0.146								
440238	0.323								
440239	0.027								
440240	0.250								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440241	0.006								
440242	< 0.005								
440243	0.006								
440244	0.007								
440245	0.010								
440246	0.011								
440247	0.014								
440248	0.005								
440249	0.071								
440250	0.026								
440251	0.011								
440252	0.012								
440253	0.009								
440254	0.042								
440255	0.090								
440256	0.117								
440257	0.112								
440258	0.044								
440259	0.013								
440260	0.180								
440261	0.204								
440262	0.139								
440263	0.074								
440264	0.059								
440265	0.069								
440266	0.639								
440267	0.440								
440268	0.401								
440269	0.113								
440270	0.140								
440271	0.116								
440272	0.005								
440273	0.075								
440274	0.073								
440275	0.415								
440276	0.030								
440277	0.718								
440278	0.041								
440279	0.079								
440280	0.044								
440281	0.021								
440282	0.097								
440283	0.077								
440284	1.450								
440285	1.511								
440286	0.022								
440287	0.019								
440288	0.026								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440289	0.171								
440290	0.178								
440291	0.057								
440292	0.052								
440293	0.200								
440294	0.038								
440295	0.081								
440296	< 0.005								
440297	0.131								
440298	0.257								
440299	0.044								
440300	0.044								
440301	0.025								
440302	0.296								
440303	0.045								
440304	0.005								
440305	0.023								
440306	0.044								
440307	0.074								
440308	0.073								
440309	0.072								
440310	0.049								
440311	0.041								
440312	0.492								
440313	0.110								
440314	0.032								
440315	0.051								
440316	0.013								
440317	0.105								
440318	0.116								
440319	0.099								
440320	0.700								
440321	0.391								
440322	0.010								
440323	0.027								
440324	< 0.005								
440325	< 0.005								
440326	< 0.005								
440327	< 0.005								
440328	0.008								
440329	1.358								
440330	1.348								
440331	1.584								
440332	0.631								
440333	0.264								
440334	1.175								
440335	0.908								
440336	0.672								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440337	1.025								
440338	0.752								
440339	2.214								
440340	1.968								
440341	2.166								
440342	2.203								
440343	0.715								
440344	0.500								
440345	0.252								
440346	0.214								
440347	0.621								
440348	< 0.005								
440349	0.674								
440350	0.406								
440351	0.664								
440352	0.193								
440353	0.194								
440354	0.149								
440355	0.145								
440356	0.439								
440357	0.384								
440358	0.058								
440359	0.038								
440360	0.175								
440361	0.049								
440362	0.065								
440363	0.136								
440364	0.078								
440365	0.634								
440366	0.110								
440367	0.550								
440368	0.672								
440369	2.910								
440370	0.442								
440371	0.157								
440372	< 0.005								
440373	0.135								
440374	0.185								
440375	0.040								
440376	0.858								
440377	0.103								
440378	0.040								
440379	0.114								
440380	0.614								
440381	0.317								
440382	0.377								
440383	0.259								
440384	1.438								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440385	0.482								
440386	0.746								
440387	0.335								
440388	0.442								
440389	4.615	4.88							
440390	3.783	3.42							
440391	0.665								
440392	0.154								
440393	0.301								
440394	0.400								
440395	0.736								
440396	< 0.005								
440397	0.787								
440398	2.168								
440399	0.251								
440400	0.354								
440401	0.299								
440402	1.632								
440403	0.098								
440404	0.244								
440405	0.298								
440406	0.957								
440407	1.917								
440408	3.781	3.12	5.55	3.80	3.07	3.64	47.22	441.40	488.62
440409	2.143								
440410	2.612								
440411	0.394								
440412	0.486								
440413	3.974	4.13							
440414	2.303								
440415	0.618								
440416	0.312								
440417	0.212								
440418	0.250								
440419	0.059								
440420	0.128								
440421	> 5.000	5.36	42.1	3.76	4.95	7.43	40.13	452.60	492.73
440422	2.702								
440423	0.979								
440424	< 0.005								
440425	0.120								
440426	0.143								
440427	0.580								
440428	0.247								
440429	0.161								
440430	0.174								
440431	0.308								
440432	0.492								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440433	0.251								
440434	0.379								
440435	0.166								
440436	0.634								
440437	0.122								
440438	0.495								
440439	0.380								
440440	3.859	3.85							
440441	0.183								
440442	1.212								
440443	2.840								
440444	0.221								
440445	0.083								
440446	0.114								
440447	0.554								
440448	< 0.005								
440449	0.205								
440450	0.074								
440451	0.095								
440452	< 0.005								
440453	0.013								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.9				11.5			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		11.9				12.2			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.261								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.190								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.231								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.178								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.250								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.232								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.118								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.234								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.260								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.233								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.302								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.247								
Oreas 237 (Fire Assay) Cert	2.21								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas 237 (Fire Assay) Meas	2.193								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.167								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.170								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.59				8.60			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.70				8.70			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
Oreas E1336 (Fire Assay) Meas	0.499								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.505								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.525								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.509								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.496								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.524								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.492								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.524								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.520								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.525								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.502								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.510								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.516								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.509								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.518								
Oreas E1336 (Fire Assay) Cert	0.510								
440001 Orig	0.031								
440001 Dup	0.028								
440011 Orig	0.129								
440011 Dup	0.139								
440035 Orig			22.6	9.21	8.90	10.2	40.36	452.45	492.81
440037 Orig	0.327								
440037 Dup	0.235								
440046 Orig	0.035								
440046 Dup	0.037								
440050 Split Orig PREP DUP	0.078								
440050 Split PREP DUP	0.070								
440056 Orig	0.086								
440056 Dup	0.068								
440061 Orig			9.32	5.59	5.73	5.93	34.35	426.52	460.87
440071 Orig	0.046								
440071 Dup	0.055								
440081 Orig	0.030								
440081 Dup	0.029								
440082 Orig			13.5	1.49	1.60	2.70	46.90	438.35	485.25
440091 Orig	0.097								
440091 Dup	0.095								
440100 Split Orig PREP DUP	0.079								
440100 Split	0.113								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
PREP DUP									
440106 Orig	0.083								
440106 Dup	0.088								
440116 Orig	0.653								
440116 Dup	0.668								
440126 Orig	0.201								
440126 Dup	0.191								
440141 Orig	0.314								
440141 Dup	0.332								
440150 Split Orig	0.023								
PREP DUP									
440150 Split	0.023								
PREP DUP									
440151 Orig	0.108								
440151 Dup	0.122								
440161 Orig	0.116								
440161 Dup	0.104								
440186 Orig	0.613								
440186 Dup	0.554								
440196 Orig	< 0.005								
440196 Dup	< 0.005								
440200 Split Orig	0.553								
PREP DUP									
440200 Split	0.559								
PREP DUP									
440211 Orig	0.024								
440211 Dup	0.008								
440221 Orig	0.019								
440221 Dup	0.027								
440231 Orig	0.077								
440231 Dup	0.079								
440246 Orig	0.010								
440246 Dup	0.012								
440250 Split Orig	0.026								
PREP DUP									
440250 Split	0.032								
PREP DUP									
440256 Orig	0.138								
440256 Dup	0.097								
440281 Orig	0.018								
440281 Dup	0.025								
440291 Orig	0.066								
440291 Dup	0.049								
440300 Split Orig	0.044								
PREP DUP									
440300 Split	0.047								
PREP DUP									
440301 Orig	0.021								
440301 Dup	0.028								
440316 Orig	0.009								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440316 Dup	0.017								
440325 Orig	0.008								
440325 Dup	< 0.005								
440337 Orig	1.025								
440337 Dup	1.024								
440350 Split Orig PREP DUP	0.406								
440350 Split PREP DUP	0.393								
440351 Orig	0.673								
440351 Dup	0.655								
440361 Orig	0.052								
440361 Dup	0.045								
440371 Orig	0.160								
440371 Dup	0.155								
440396 Orig	< 0.005								
440396 Dup	< 0.005								
440400 Split Orig PREP DUP	0.354								
440400 Split PREP DUP	0.284								
440406 Orig	0.941								
440406 Dup	0.974								
440408 Orig			5.55	3.80	3.07	3.64	47.22	441.40	488.62
440421 Orig	> 5.000		42.1	3.76	4.95	7.43	40.13	452.60	492.73
440421 Dup	4.964								
440431 Orig	0.290								
440431 Dup	0.326								
440441 Orig	0.173								
440441 Dup	0.193								
440450 Split Orig PREP DUP	0.074								
440450 Split PREP DUP	0.076								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.03							
Method Blank		< 0.03							
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.03							
Method Blank		< 0.03							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-08716
Report Date: 22-Jun-21
Date Submitted: 14-May-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

130 Rock samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested, Testing Date. Row 1: 1A2-Timmins (ppm), GOP AA-Au (Au - Fire Assay AA), 2021-06-22 12:56:58

REPORT A21-08716

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
439501	0.039
439502	0.024
439503	0.014
439504	0.025
439505	0.019
439506	0.046
439507	0.025
439508	0.027
439509	0.018
439510	0.060
439511	0.022
439512	0.513
439513	0.113
439514	0.042
439515	0.088
439516	0.036
439517	0.078
439518	0.073
439519	0.082
439520	0.089
439521	0.046
439522	0.067
439523	0.094
439524	0.005
439525	0.226
439526	0.087
439527	0.015
439528	0.198
439529	0.213
439530	0.210
439531	0.143
439532	0.362
439533	0.334
439534	0.431
439535	0.090
439536	0.663
439537	0.385
439538	0.559
439539	0.118
439540	0.056
439541	0.006
439542	0.013
439543	0.005
439544	0.005
439545	0.012
439546	0.044
439547	0.010
439548	0.005
439549	0.029
439550	0.037
439551	0.041

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
439552	0.139
439553	0.086
439554	0.015
439555	0.012
439556	0.021
439557	0.033
439558	0.035
439559	0.042
439560	0.175
439561	0.023
439562	0.029
439563	0.052
439564	0.028
439565	0.050
439566	0.075
439567	0.150
439568	0.353
439569	0.471
439570	0.572
439571	0.453
439572	< 0.005
439573	1.845
439574	0.445
439575	0.483
439576	0.177
439577	0.038
439578	0.187
439579	0.066
439580	0.123
439581	2.170
439582	0.074
439583	0.063
439584	1.521
439585	0.043
439586	0.006
439587	0.012
439588	0.016
439589	0.005
439590	0.007
439591	0.015
439592	0.102
439593	0.036
439594	0.130
439595	< 0.005
439596	< 0.005
439597	< 0.005
439598	0.005
439599	< 0.005
439600	< 0.005
439601	0.025
439602	0.102

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
439603	0.084
439604	0.009
439605	0.026
439606	0.106
439607	0.028
439608	0.476
439609	0.220
439610	0.144
439611	0.014
439612	0.489
439613	0.087
439614	0.106
439615	0.049
439616	0.010
439617	0.011
439618	0.121
439619	0.011
439620	0.025
439621	0.027
439622	0.075
439623	0.077
439624	0.005
439625	0.110
439626	0.033
439627	0.123
439628	0.303
439629	0.165
439630	0.176

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.295
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.237
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.108
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.292
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.520
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.522
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.507
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.512
Oreas E1336 (Fire Assay) Cert	0.510
439510 Orig	0.065
439510 Dup	0.055
439520 Orig	0.091
439520 Dup	0.087
439530 Orig	0.197
439530 Dup	0.223
439545 Orig	0.011
439545 Dup	0.013
439550 Split Orig PREP DUP	0.037
439550 Split PREP DUP	0.036
439555 Orig	0.012
439555 Dup	0.011
439565 Orig	0.050
439580 Orig	0.115
439580 Dup	0.131
439590 Orig	0.006
439590 Dup	0.007
439600 Split Orig PREP DUP	< 0.005
439600 Split PREP DUP	< 0.005
439601 Orig	0.022

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
439601 Dup	0.029
439615 Orig	0.055
439615 Dup	0.044
439625 Orig	0.107
439625 Dup	0.112
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-09174
Report Date: 28-Jun-21
Date Submitted: 21-May-21
Your Reference: 234-GOS

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

90 Rock samples were submitted for analysis.

Table with 3 columns: Analytical package(s), Test Name, and Testing Date. Rows include 1A2-Timmins (10g/m t), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

REPORT A21-09174

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439631	0.081								
439632	0.189								
439633	0.063								
439634	0.194								
439635	0.402								
439636	0.661								
439637	0.078								
439638	> 5.000	98.6	103	156	167	158	28.15	466.61	494.76
439639	0.100								
439640	0.043								
439641	0.050								
439642	0.846								
439643	0.085								
439644	0.024								
439645	0.078								
439646	0.043								
439647	0.011								
439648	< 0.005								
439649	< 0.005								
439650	< 0.005								
439651	0.058								
439652	0.042								
439653	0.053								
439654	0.049								
439655	0.020								
439656	0.050								
439657	0.106								
439658	< 0.005								
439659	0.051								
439660	0.179								
439661	0.038								
439662	0.048								
439663	0.013								
439664	0.255								
439665	0.075								
439666	0.809								
439667	0.176								
439668	0.229								
439669	0.047								
439670	0.126								
439671	0.657								
439672	< 0.005								
439673	0.288								
439674	0.515								
439675	0.314								
439676	1.246								
439677	0.402								
439678	0.039								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439679	0.032								
439680	0.028								
439681	0.065								
439682	0.128								
439683	0.045								
439684	1.456								
439685	0.046								
439686	0.214								
439687	0.402								
439688	0.046								
439689	0.012								
439690	0.073								
439691	0.041								
439692	0.011								
439693	0.345								
439694	0.120								
439695	0.078								
439696	< 0.005								
439697	0.649								
439698	0.143								
439699	0.202								
439700	0.204								
439701	0.120								
439702	0.085								
439703	0.151								
439704	0.143								
439705	0.215								
439706	0.947								
439707	0.046								
439708	0.021								
439709	0.016								
439710	0.042								
439711	0.117								
439712	0.414								
439713	0.031								
439714	0.015								
439715	0.019								
439716	0.028								
439717	0.034								
439718	< 0.005								
439719	0.005								
439720	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.9				11.4			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.136								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.202								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.166								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.54				8.95			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
Oreas E1336 (Fire Assay) Meas	0.502								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.516								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.498								
Oreas E1336 (Fire Assay) Cert	0.510								
439638 Orig			103	156	167	158	28.15	466.61	494.76
439640 Orig	0.044								
439640 Dup	0.042								
439650 Orig	< 0.005								
439650 Dup	< 0.005								
439661 Orig	0.039								
439661 Dup	0.038								
439675 Orig	0.311								
439675 Dup	0.318								
439680 Split Orig PREP DUP	0.028							0.028	
439680 Split PREP DUP	0.030								
439685 Orig	0.044								
439685 Dup	0.049								
439694 Orig	0.107								
439694 Dup	0.134								
439709 Orig	0.014								
439709 Dup	0.018								
439719 Orig	0.005								
439719 Dup	0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-11775
 Report Date: 05-Aug-21
 Date Submitted: 24-Jun-21
 Your Reference: GOS-234

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

100 Core samples were submitted for analysis.

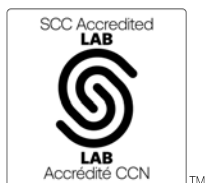
The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	GOP AA-Au (Au - Fire Assay AA)	2021-07-22 19:05:48

REPORT **A21-11775**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433141	0.346								
433142	0.313								
433143	0.782								
433144	0.479								
433145	4.784	4.82							
433146	0.615								
433147	0.559								
433148	0.006								
433149	0.807								
433150	0.681								
433151	1.187								
433152	1.432								
433153	0.716								
433154	0.434								
433155	1.499								
433156	1.052								
433157	1.248								
433158	1.938								
433159	0.860								
433160	0.184								
433161	1.171								
433162	1.165								
433163	0.353								
433164	0.397								
433165	> 5.000	5.11	49.0	4.13	3.43	4.54	28.46	1663.0	1691.5
433166	1.774		81.3	1.55	2.22	2.82	19.43	1632.0	1651.4
433167	0.379								
433168	0.324								
433169	0.059								
433170	0.042								
433171	0.113								
433172	< 0.005								
433173	0.885								
433174	0.961								
433175	0.766								
433176	1.293								
433177	2.548								
433178	> 5.000	12.4	146	4.57	5.25	7.58	41.13	2125.0	2166.1
433179	0.849								
433180	1.678								
433181	0.820								
433182	0.656								
433183	0.354								
433184	1.456								
433185	0.547								
433186	0.173								
433187	0.412								
433188	0.283								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433189	0.622								
433190	0.248								
433191	0.825								
433192	0.837								
433193	0.251								
433194	1.049								
433195	0.482								
433196	0.006								
433197	0.446								
433198	1.130								
433199	1.487								
433200	0.929								
433201	0.470								
433202	0.223								
433203	3.201	3.36							
433204	< 0.005								
433205	0.844								
433206	0.426								
433207	0.013								
433208	0.263								
433209	0.247								
433210	0.038								
433211	> 5.000	21.2	259	5.02	5.09	9.73	37.23	1984.0	2021.2
433212	0.563								
433213	1.520								
433214	1.006								
433215	2.829								
433216	> 5.000	21.9	385	17.8	19.4	25.2	26.35	1431.0	1457.3
433217	< 0.005								
433218	2.472								
433219	1.200								
433220	0.826								
433221	0.590								
433222	0.170								
433223	1.618								
433224	0.010								
433225	1.060								
433226	1.140								
433227	2.356								
433228	0.752								
433229	1.221								
433230	1.365								
433231	0.114								
433232	0.543								
433233	0.895								
433234	0.243								
433235	0.289								
433236	0.680								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433237	1.138								
433238	2.030								
433239	1.540								
433240	0.268								

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au - 100 mesh (A)	Au
Unit Symbol	g/mt	g/mt	g/mt	g	g	g	g/tonne	g/mt	ppm
Lower Limit	0.03	0.03	0.03				0.02	0.03	0.005
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA	FA-MeT	FA-AA
OREAS 229b (Fire Assay) Meas							12.3		
OREAS 229b (Fire Assay) Cert							11.9		
OREAS 229b (Fire Assay) Meas			11.8				12.1		
OREAS 229b (Fire Assay) Cert			11.9				11.9		
OREAS 229b (Fire Assay) Meas							11.8		
OREAS 229b (Fire Assay) Cert							11.9		
OREAS 229b (Fire Assay) Meas			11.4						
OREAS 229b (Fire Assay) Cert			11.9						
Oreas 237 (Fire Assay) Meas									2.153
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.238
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.270
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.271
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.236
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.243
Oreas 237 (Fire Assay) Cert									2.21
OREAS 228b (Fire Assay) Meas							8.72		
OREAS 228b (Fire Assay) Cert							8.57		
OREAS 228b (Fire Assay) Meas			8.79				8.28		
OREAS 228b (Fire Assay) Cert			8.57				8.57		
OREAS 228b (Fire Assay) Meas							8.27		
OREAS 228b (Fire Assay) Cert							8.57		
OREAS 228b (Fire Assay) Meas			8.32				8.84		
OREAS 228b			8.57				8.57		

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au - 100 mesh (A)	Au
Unit Symbol	g/mt	g/mt	g/mt	g	g	g	g/tonne	g/mt	ppm
Lower Limit	0.03	0.03	0.03				0.02	0.03	0.005
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA	FA-MeT	FA-AA
(Fire Assay) Cert									
Oreas E1336 (Fire Assay) Meas									0.510
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.520
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.525
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.525
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.502
Oreas E1336 (Fire Assay) Cert									0.510
433150 Orig									0.658
433150 Dup									0.704
433161 Orig									1.267
433161 Dup									1.074
433165 Orig	49.0	3.43	4.54	28.46	1663.0	1691.5		4.13	
433166 Orig	81.3	2.22	2.82	19.43	1632.0	1651.4		1.55	1.774
433178 Orig	146	5.25	7.58	41.13	2125.0	2166.1		4.57	
433190 Split Orig PREP DUP									0.248
433190 Split PREP DUP									0.209
433197 Orig									0.408
433197 Dup									0.483
433211 Orig	259	5.09	9.73	37.23	1984.0	2021.2		5.02	> 5.000
433211 Dup									> 5.000
433216 Orig	385	19.4	25.2	26.35	1431.0	1457.3		17.8	
433226 Orig									1.052
433226 Dup									1.228
433237 Orig									1.233
433237 Dup									1.044
433240 Split Orig PREP DUP									0.268
433240 Split PREP DUP									0.297
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au - 100 mesh (A)	Au
Unit Symbol	g/mt	g/mt	g/mt	g	g	g	g/tonne	g/mt	ppm
Lower Limit	0.03	0.03	0.03				0.02	0.03	0.005
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA	FA-MeT	FA-AA
Method Blank							< 0.02		
Method Blank							< 0.02		
Method Blank							< 0.02		
Method Blank							< 0.02		
Method Blank									0.005
Method Blank									< 0.005
Method Blank							< 0.02		
Method Blank							< 0.02		
Method Blank							< 0.02		
Method Blank							< 0.02		
Method Blank			< 0.03						
Method Blank			< 0.03						
Method Blank			< 0.03						
Method Blank			< 0.03						
Method Blank									< 0.005
Method Blank									< 0.005



Report No.: A21-11786
Report Date: 04-Aug-21
Date Submitted: 24-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s), Method, and Testing Date. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

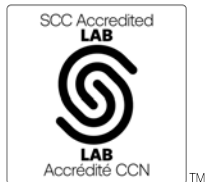
REPORT A21-11786

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433001	0.005								
433002	0.013								
433003	< 0.005								
433004	< 0.005								
433005	0.005								
433006	< 0.005								
433007	< 0.005								
433008	0.032								
433009	0.023								
433010	0.007								
433011	0.553								
433012	0.495								
433013	0.234								
433014	0.087								
433015	0.038								
433016	< 0.005								
433017	0.018								
433018	0.007								
433019	0.006								
433020	< 0.005								
433021	0.014								
433022	0.050								
433023	0.059								
433024	0.007								
433025	0.077								
433026	0.024								
433027	0.392								
433028	0.446								
433029	0.141								
433030	0.102								
433031	0.079								
433032	0.077								
433033	0.142								
433034	0.585								
433035	> 5.000	6.99	178	5.13	4.91	8.29	38.87	2011.0	2049.9
433036	0.679								
433037	1.178								
433038	0.126								
433039	1.066								
433040	0.191								
433041	0.175								
433042	0.057								
433043	0.088								
433044	0.153								
433045	0.312								
433046	0.208								
433047	0.093								
433048	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433049	0.052								
433050	0.061								
433051	0.094								
433052	0.159								
433053	0.117								
433054	0.041								
433055	0.172								
433056	0.098								
433057	1.066								
433058	0.764								
433059	0.290								
433060	0.175								
433061	0.109								
433062	0.006								
433063	0.007								
433064	0.419								
433065	0.106								
433066	0.269								
433067	0.064								
433068	0.099								
433069	0.175								
433070	0.237								
433071	0.070								
433072	< 0.005								
433073	0.056								
433074	0.588								
433075	0.159								
433076	0.946								
433077	0.250								
433078	0.808								
433079	0.248								
433080	0.121								
433081	0.264								
433082	0.379								
433083	1.896								
433084	1.452								
433085	0.704								
433086	0.525								
433087	0.396								
433088	0.425								
433089	0.089								
433090	0.074								
433091	0.164								
433092	0.086								
433093	1.298								
433094	0.171								
433095	0.770								
433096	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433097	0.037								
433098	0.254								
433099	0.424								
433100	0.378								
433101	0.213								
433102	0.508								
433103	0.983								
433104	0.503								
433105	0.731								
433106	0.142								
433107	0.134								
433108	0.363								
433109	0.385								
433110	0.311								
433111	0.751								
433112	0.477								
433113	0.679								
433114	0.164								
433115	0.265								
433116	0.015								
433117	0.007								
433118	0.013								
433119	0.028								
433120	0.008								
433121	< 0.005								
433122	0.005								
433123	0.006								
433124	< 0.005								
433125	0.013								
433126	4.758	3.77							
433127	0.343								
433128	0.342								
433129	0.447								
433130	0.455								
433131	0.395								
433132	0.647								
433133	> 5.000	9.11	592	5.45	5.95	13.3	17.07	1305.0	1322.1
433134	< 0.005								
433135	1.054								
433136	0.654								
433137	0.353								
433138	0.354								
433139	0.382								
433140	0.711								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.6				12.1			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		12.3							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire Assay) Meas	2.115								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.152								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.160								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.192								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.109								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.247								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.38				8.68			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.72							
OREAS 228b (Fire Assay) Cert		8.57							
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.491								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.500								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.508								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.503								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
433010 Orig	0.005								
433010 Dup	0.010								
433020 Orig	< 0.005								
433020 Dup	< 0.005								
433030 Orig	0.102								
433030 Dup	0.103								
433035 Orig			178	5.13	4.91	8.29	38.87	2011.0	2049.9
433045 Orig	0.287								
433045 Dup	0.337								
433050 Split Orig PREP DUP	0.061								
433050 Split PREP DUP	0.043								
433054 Orig	0.039								
433054 Dup	0.042								
433065 Orig	0.096								
433065 Dup	0.117								
433079 Orig	0.232								
433079 Dup	0.264								
433089 Orig	0.099								
433089 Dup	0.078								
433099 Orig	0.485								
433099 Dup	0.363								
433100 Split Orig PREP DUP	0.378								
433100 Split PREP DUP	0.365								
433113 Orig	0.659								
433113 Dup	0.700								
433123 Orig	0.007								
433123 Dup	0.005								
433126 Orig		3.77							
433133 Orig	> 5.000		592	5.45	5.95	13.3	17.07	1305.0	1322.1
433133 Dup	> 5.000								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-12947
Report Date: 22-Jul-21
Date Submitted: 02-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

62 Core samples were submitted for analysis.

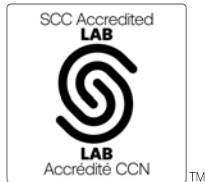
Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Row 1: 1A2-Timmins (ppm), QOP AA-Au (Au - Fire Assay AA), 2021-07-17 17:53:47. Row 2: 1A3-Timmins, QOP AA-Au (Au - Fire Assay Gravimetric).

REPORT A21-12947

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

[Handwritten signature]

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
433241	0.023	
433242	0.997	
433243	0.175	
433244	0.190	
433245	0.630	
433246	0.509	
433247	0.115	
433248	< 0.005	
433249	0.287	
433250	0.968	
433251	0.366	
433252	3.406	3.83
433253	0.026	
433254	0.561	
433255	1.325	
433256	0.695	
433257	1.102	
433258	2.030	
433259	0.542	
433260	0.186	
433261	0.570	
433262	0.783	
433263	0.584	
433264	0.472	
433265	0.400	
433266	0.150	
433267	0.136	
433268	0.208	
433269	0.151	
433270	0.110	
433271	0.007	
433272	< 0.005	
433273	0.017	
433274	0.005	
433275	0.218	
433276	0.138	
433277	0.518	
433278	0.179	
433279	0.196	
433280	0.414	
433281	0.486	
433282	< 0.005	
433283	0.655	
433284	1.462	
433285	0.532	
433286	0.425	
433287	0.010	
433288	0.010	
433289	0.007	
433290	0.005	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
433291	0.006	
433292	0.007	
433293	0.006	
433294	0.630	
433295	1.583	
433296	< 0.005	
433297	1.351	
433298	3.143	3.12
433299	< 0.005	
433300	1.474	
433301	0.161	
433302	0.035	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 229b (Fire Assay) Meas		11.8
OREAS 229b (Fire Assay) Cert		11.9
OREAS 229b (Fire Assay) Meas		11.8
OREAS 229b (Fire Assay) Cert		11.9
Oreas 237 (Fire Assay) Meas	2.202	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.227	
Oreas 237 (Fire Assay) Cert	2.21	
OREAS 228b (Fire Assay) Meas		8.77
OREAS 228b (Fire Assay) Cert		8.57
OREAS 228b (Fire Assay) Meas		8.60
OREAS 228b (Fire Assay) Cert		8.57
Oreas E1336 (Fire Assay) Meas	0.513	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.521	
Oreas E1336 (Fire Assay) Cert	0.510	
433247 Orig	0.102	
433247 Dup	0.128	
433257 Orig	1.118	
433257 Dup	1.085	
433267 Orig	0.128	
433267 Dup	0.143	
433287 Orig	0.012	
433287 Dup	0.008	
433290 Split Orig PREP DUP	0.005	
433290 Split PREP DUP	0.006	
433296 Orig	0.008	
433296 Dup	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02
Method Blank		< 0.02
Method Blank		< 0.02



Report No.: A21-09166
Report Date: 24-Jun-21
Date Submitted: 21-May-21
Your Reference: 234-GOS

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

3 Rock samples were submitted for analysis.

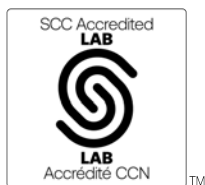
Table with 2 columns: Analytical package(s) requested and Testing Date. Row 1: 1A2-Timmins (ppm), QOP AA-Au (Au - Fire Assay AA), 2021-06-24 09:32:53

REPORT A21-09166

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
439721	< 0.005
439725	0.015
458311	1.155

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.225
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.512
Oreas E1336 (Fire Assay) Cert	0.510
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-11582
Report Date: 05-Jul-21
Date Submitted: 22-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

3 Rock samples were submitted for analysis.

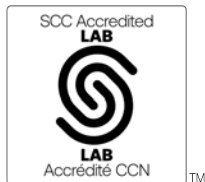
Table with 2 columns: Analytical package(s) requested and Testing Date. Row 1: 1A2-Timmins (ppm) | QOP AA-Au (Au - Fire Assay AA) | 2021-07-03 13:09:26

REPORT A21-11582

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

[Handwritten signature]

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
439722	< 0.005
439723	< 0.005
439724	< 0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.242
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.518
Oreas E1336 (Fire Assay) Cert	0.510
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-09167
Report Date: 29-Jun-21
Date Submitted: 21-May-21
Your Reference: 234-GOS

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

175 Rock samples were submitted for analysis.

Table with 3 columns: Analytical package, Description, and Testing Date. Rows include 1A2 (ppm), 1A3-50, and 1A4 (100mesh).

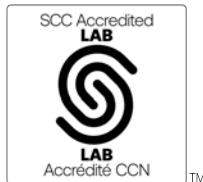
REPORT A21-09167

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439726	0.200								
439727	0.097								
439728	0.153								
439729	0.310								
439730	0.167								
439731	0.462								
439732	0.141								
439733	0.760								
439734	0.157								
439735	0.213								
439736	0.674								
439737	0.616								
439738	2.764								
439739	1.593								
439740	> 5.000	11.5	26.7	13.0	12.4	13.5	27.78	464.00	491.78
439741	0.846								
439742	0.265								
439743	0.512								
439744	0.088								
439745	0.086								
439746	0.080								
439747	0.127								
439748	0.009								
439749	0.090								
439750	0.066								
439751	0.114								
439752	0.101								
439753	0.037								
439754	0.032								
439755	0.032								
439756	0.019								
439757	0.031								
439758	0.043								
439759	0.016								
439760	0.178								
439761	0.027								
439762	0.120								
439763	0.150								
439764	0.036								
439765	0.013								
439766	0.006								
439767	0.006								
439768	0.020								
439769	0.139								
439770	0.091								
439771	0.107								
439772	0.006								
439773	0.025								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439774	0.033								
439775	0.110								
439776	0.034								
439777	0.011								
439778	0.009								
439779	0.006								
439780	0.040								
439781	0.021								
439782	0.029								
439783	0.018								
439784	1.452								
439785	0.032								
439786	0.085								
439787	0.009								
439788	0.005								
439789	0.005								
439790	< 0.005								
439791	< 0.005								
439792	0.005								
439793	< 0.005								
439794	< 0.005								
439795	0.013								
439796	< 0.005								
439797	0.026								
439798	0.036								
439799	0.006								
439800	0.038								
439801	0.520								
439802	0.024								
439803	0.007								
439804	0.037								
439805	0.093								
439806	0.028								
439807	0.048								
439808	0.026								
439809	0.074								
439810	0.093								
439811	0.142								
439812	0.501								
439813	0.217								
439814	0.064								
439815	0.285								
439816	0.031								
439817	0.041								
439818	0.007								
439819	0.049								
439820	0.068								
439821	0.008								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439822	0.082								
439823	0.027								
439824	< 0.005								
439825	0.029								
439826	0.024								
439827	0.009								
439828	0.010								
439829	0.026								
439830	0.034								
439831	0.079								
439832	0.019								
439833	0.101								
439834	0.125								
439835	0.051								
439836	0.685								
439837	0.139								
439838	0.027								
439839	0.124								
439840	0.050								
439841	0.012								
439842	0.018								
439843	0.012								
439844	0.029								
439845	0.028								
439846	0.076								
439847	0.475								
439848	< 0.005								
439849	0.022								
439850	0.013								
439851	0.046								
439852	0.523								
439853	0.071								
439854	0.047								
439855	0.095								
439856	0.104								
439857	0.159								
439858	0.214								
439859	0.227								
439860	0.181								
439861	0.290								
439862	0.080								
439863	0.081								
439864	0.086								
439865	0.058								
439866	0.055								
439867	0.009								
439868	0.014								
439869	0.035								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439870	0.052								
439871	0.112								
439872	< 0.005								
439873	0.162								
439874	< 0.005								
439875	< 0.005								
439876	0.012								
439877	0.021								
439878	0.031								
439879	0.017								
439880	0.046								
439881	0.064								
439882	0.050								
439883	0.089								
439884	1.478								
439885	0.214								
439886	0.449								
439887	0.297								
439888	0.162								
439889	0.050								
439890	0.015								
439891	0.108								
439892	0.055								
439893	0.025								
439894	0.251								
439895	0.112								
439896	< 0.005								
439897	0.090								
439898	0.192								
439899	0.069								
439900	0.015								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g	ppm
Lower Limit	0.02	0.03	0.03	0.03	0.03				0.005
Method Code	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA
OREAS 217 (Fire Assay) Meas									0.339
OREAS 217 (Fire Assay) Cert									0.338
OREAS 217 (Fire Assay) Meas									0.340
OREAS 217 (Fire Assay) Cert									0.338
OREAS 217 (Fire Assay) Meas									0.329
OREAS 217 (Fire Assay) Cert									0.338
OREAS 217 (Fire Assay) Meas									0.338
OREAS 217 (Fire Assay) Cert									0.338
OREAS 217 (Fire Assay) Meas									0.338
OREAS 217 (Fire Assay) Cert									0.343
OREAS 217 (Fire Assay) Meas									0.338
OREAS 217 (Fire Assay) Cert									0.343
OREAS 217 (Fire Assay) Meas									0.338
OREAS 217 (Fire Assay) Cert									0.337
OREAS 217 (Fire Assay) Meas									0.338
OREAS 229b (Fire Assay) Meas	11.9				12.5				
OREAS 229b (Fire Assay) Cert	11.9				11.9				
Oreas 237 (Fire Assay) Meas									2.236
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.168
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.211
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.223
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.232
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.248
Oreas 237 (Fire Assay) Cert									2.21

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g	ppm
Lower Limit	0.02	0.03	0.03	0.03	0.03				0.005
Method Code	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA
Assay) Cert									
Oreas 237 (Fire Assay) Meas									2.232
Oreas 237 (Fire Assay) Cert									2.21
OREAS 228 Meas	8.79								
OREAS 228 Cert	8.73								
439732 Orig									0.136
439732 Dup									0.147
439740 Orig		26.7	13.0	12.4	13.5	27.78	464.00	491.78	
439752 Orig									0.096
439752 Dup									0.106
439775 Split Orig PREP DUP									0.110
439775 Split PREP DUP									0.165
439781 Orig									0.021
439781 Dup									0.020
439791 Orig									< 0.005
439791 Dup									< 0.005
439800 Orig									0.037
439800 Dup									0.039
439821 Orig									0.007
439821 Dup									0.008
439825 Split Orig PREP DUP									0.029
439825 Split PREP DUP									0.034
439834 Orig									0.116
439834 Dup									0.134
439849 Orig									0.034
439849 Dup									0.009
439864 Orig									0.077
439864 Dup									0.094
439874 Orig									< 0.005
439874 Dup									< 0.005
439875 Split Orig PREP DUP									< 0.005
439875 Split PREP DUP									< 0.005
439900 Split Orig PREP DUP									0.015
439900 Split PREP DUP									0.011
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank	< 0.02								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g	ppm
Lower Limit	0.02	0.03	0.03	0.03	0.03				0.005
Method Code	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA
Method Blank	< 0.02								
Method Blank					< 0.03				
Method Blank					< 0.03				
Method Blank									0.005



Report No.: A21-09458
Report Date: 15-Jul-21
Date Submitted: 28-May-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

260 Rock samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2 (ppm) | GOP AA-Au (Au - Fire Assay AA) | 2021-06-23 08:08:50

REPORT A21-09458

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439901	0.012								
439902	0.522								
439903	0.031								
439904	0.019								
439905	0.029								
439906	0.153								
439907	0.048								
439908	0.053								
439909	0.079								
439910	0.148								
439911	0.018								
439912	0.510								
439913	0.013								
439914	0.070								
439915	0.009								
439916	0.005								
439917	0.005								
439918	0.019								
439919	< 0.005								
439920	< 0.005								
439921	< 0.005								
439922	0.092								
439923	0.010								
439924	< 0.005								
439925	0.005								
439926	0.015								
439927	< 0.005								
439928	0.005								
439929	< 0.005								
439930	0.007								
439931	0.007								
439932	0.005								
439933	0.781								
439934	0.036								
439935	0.017								
439936	0.671								
439937	< 0.005								
439938	0.008								
439939	0.009								
439940	0.036								
439941	0.007								
439942	< 0.005								
439943	< 0.005								
439944	< 0.005								
439945	0.015								
439946	0.005								
439947	< 0.005								
439948	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439949	0.011								
439950	0.010								
439951	0.126								
439952	0.009								
439953	< 0.005								
439954	0.031								
439955	0.014								
439956	0.005								
439957	< 0.005								
439958	< 0.005								
439959	0.031								
439960	0.175								
439961	0.025								
439962	0.027								
439963	0.007								
439964	0.015								
439965	0.009								
439966	0.076								
439967	0.011								
439968	0.045								
439969	0.100								
439970	0.029								
439971	0.054								
439972	< 0.005								
439973	0.139								
439974	0.158								
439975	0.041								
439976	0.015								
439977	0.009								
439978	0.097								
439979	0.086								
439980	0.006								
439981	0.028								
439982	0.013								
439983	0.015								
439984	1.507								
439985	0.008								
439986	0.074								
439987	0.118								
439988	0.030								
439989	0.031								
439990	0.019								
439991	0.036								
439992	< 0.005								
439993	0.007								
439994	0.010								
439995	0.063								
439996	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439997	0.030								
439998	0.147								
439999	0.107								
440000	0.035								
438501	0.026								
438502	0.053								
438503	0.060								
438504	0.709								
438505	0.481								
438506	0.822								
438507	0.467								
438508	0.449								
438509	0.692								
438510	0.258								
438511	0.136								
438512	0.490								
438513	0.145								
438514	0.147								
438515	0.229								
438516	0.049								
438517	0.010								
438518	0.070								
438519	0.045								
438520	0.103								
438521	0.267								
438522	0.035								
438523	0.015								
438524	< 0.005								
438525	< 0.005								
438526	1.730								
438527	0.126								
438528	0.827								
438529	0.065								
438530	0.076								
438531	0.380								
438532	0.132								
438533	0.137								
438534	0.242								
438535	0.089								
438536	0.673								
438537	0.009								
438538	> 5.000	6.49	20.1	2.89	2.26	3.35	24.05	520.00	544.05
438539	0.117								
438540	0.099								
438541	< 0.005								
438542	0.005								
438543	0.021								
438544	0.013								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438545	< 0.005								
438546	0.057								
438547	0.089								
438548	< 0.005								
438549	0.194								
438550	0.266								
438551	0.113								
438552	0.176								
438553	0.060								
438554	0.071								
438555	0.060								
438556	0.135								
438557	0.141								
438558	0.037								
438559	1.060								
438560	0.169								
438561	0.053								
438562	0.010								
438563	1.336								
438564	0.285								
438565	0.147								
438566	0.224								
438567	0.084								
438568	0.262								
438569	0.601								
438570	0.929								
438571	1.979								
438572	0.005								
438573	1.183								
438574	0.051								
438575	0.123								
438576	0.134								
438577	0.133								
438578	0.037								
438579	0.049								
438580	1.499								
438581	0.206								
438582	0.351								
438583	0.049								
438584	1.407								
438585	0.281								
438586	0.020								
438587	0.017								
438588	0.021								
438589	0.155								
438590	0.111								
438591	0.160								
438592	0.108								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438593	0.484								
438594	0.119								
438595	0.057								
438596	< 0.005								
438597	0.070								
438598	0.045								
438599	0.034								
438600	0.018								
438601	0.325								
438602	< 0.005								
438603	0.196								
438604	0.009								
438605	0.007								
438606	0.089								
438607	0.021								
438608	0.026								
438609	0.011								
438610	0.011								
438611	0.012								
438612	0.494								
438613	0.015								
438614	0.006								
438615	0.123								
438616	0.038								
438617	0.022								
438618	0.398								
438619	0.285								
438620	0.238								
438621	0.316								
438622	0.127								
438623	0.142								
438624	0.005								
438625	0.157								
438626	0.041								
438627	0.093								
438628	0.080								
438629	0.005								
438630	0.017								
438631	0.100								
438632	0.062								
438633	0.057								
438634	0.192								
438635	0.139								
438636	0.689								
438637	0.071								
438638	0.064								
438639	0.034								
438640	0.015								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438641	0.030								
438642	0.138								
438643	0.025								
438644	0.079								
438645	0.011								
438646	0.026								
438647	0.424		15.0	0.33	0.29	0.75	32.12	1037.0	1069.1
438648	< 0.005								
438649	0.112								
438650	0.097								
438651	0.129								
438652	0.223								
438653	0.261								
438654	0.169								
438655	0.539								
438656	0.114								
438657	0.265								
438658	0.024								
438659	0.143								
438660	0.173								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 251 (FA-Ancaster) Meas	0.500								
OREAS 251 (FA-Ancaster) Cert	0.504								
OREAS 217 (Fire Assay) Meas	0.333								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.332								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.342								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.326								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.336								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.328								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.338								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.328								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.336								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.335								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 229b (Fire Assay) Meas		12.1				12.3			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		11.4							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire	2.268								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Meas									
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.192								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.166								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.183								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.273								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.286								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.178								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.200								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.173								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.271								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228 Meas		8.92							
OREAS 228 Cert		8.73							
OREAS 228 Meas		8.86							
OREAS 228 Cert		8.73							
439910 Orig	0.149								
439910 Dup	0.146								
439920 Orig	0.005								
439920 Dup	< 0.005								
439930 Orig	0.006								
439930 Dup	0.009								
439950 Split Orig PREP DUP	0.010								
439950 Split PREP DUP	0.013								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439957 Orig	< 0.005								
439957 Dup	< 0.005								
439958 Orig	< 0.005								
439958 Dup	0.007								
439968 Orig	0.040								
439968 Dup	0.050								
439971 Orig	0.048								
439971 Dup	0.059								
439996 Orig	< 0.005								
439996 Dup	< 0.005								
440000 Split Orig PREP DUP	0.035								
440000 Split PREP DUP	0.012								
438537 Orig	0.009								
438537 Dup	0.009								
438538 Orig			20.1	2.89	2.26	3.35	24.05	520.00	544.05
438541 Orig	< 0.005								
438541 Dup	0.009								
438550 Split Orig PREP DUP	0.266								
438550 Split PREP DUP	0.176								
438565 Orig	0.144								
438565 Dup	0.150								
438579 Orig	0.050								
438579 Dup	0.049								
438589 Orig	0.170								
438589 Dup	0.139								
438600 Split Orig PREP DUP	0.018								
438600 Split PREP DUP	0.007								
438608 Orig	0.027								
438608 Dup	0.025								
438628 Orig	0.084								
438628 Dup	0.077								
438643 Orig	0.027								
438643 Dup	0.023								
438647 Orig			15.0	0.33	0.29	0.75	32.12	1037.0	1069.1
438650 Split Orig PREP DUP	0.097								
438650 Split PREP DUP	0.096								
438651 Orig	0.129								
438651 Dup	0.129								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank	0.015								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-10368
Report Date: 23-Jun-21
Date Submitted: 08-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

78 Rock samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

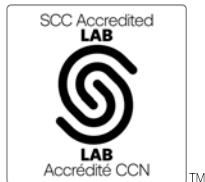
REPORT A21-10368

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438661	0.821								
438662	0.506								
438663	0.101								
438664	0.090								
438665	0.329								
438666	0.128								
438667	0.025								
438668	0.048								
438669	0.012								
438670	< 0.005								
438671	0.044								
438672	< 0.005								
438673	0.125								
438674	0.120								
438675	0.036								
438676	0.422								
438677	0.189								
438678	0.052								
438679	0.112								
438680	0.285								
438681	0.089								
438682	1.145								
438683	0.194								
438684	1.488								
438685	0.179								
438686	0.090								
438687	0.033								
438688	0.123								
438689	0.244								
438690	0.115								
438691	0.122								
438692	0.922								
438693	0.253								
438694	0.021								
438695	0.044								
438696	< 0.005								
438697	0.092								
438698	0.055								
438699	0.159								
438700	0.016								
438701	1.926								
438702	0.035								
438703	0.071								
438704	1.136								
438705	0.036								
438706	0.377								
438707	0.007								
438708	0.074								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438709	0.135								
438710	0.016								
438711	0.217								
438712	0.477								
438713	1.558								
438714	1.937								
438715	0.517								
438716	> 5.000	7.62	6.29	7.97	9.63	8.68	22.89	475.86	498.75
438717	0.788								
438718	3.368	3.45							
438719	0.519								
438720	0.105								
438721	0.022								
438722	0.249								
438723	0.330								
438724	< 0.005								
438725	0.051								
438726	0.017								
438727	0.015								
438728	0.201								
438729	0.021								
438730	0.021								
438731	0.019								
438732	0.008								
438733	0.029								
438734	0.026								
438735	0.264								
438736	0.646								
438737	0.526								
438738	0.276								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.8				11.7			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.163								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.150								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.242								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.161								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.306								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.82				8.40			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
Oreas E1336 (Fire Assay) Meas	0.504								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.497								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.501								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.496								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.502								
Oreas E1336 (Fire Assay) Cert	0.510								
438670 Orig	< 0.005								
438670 Dup	0.007								
438680 Orig	0.260								
438680 Dup	0.310								
438690 Orig	0.121								
438690 Dup	0.109								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438705 Orig	0.032								
438705 Dup	0.039								
438710 Split Orig PREP DUP	0.016								
438710 Split PREP DUP	0.018								
438716 Orig			6.29	7.97	9.63	8.68	22.89	475.86	498.75
438724 Orig	< 0.005								
438724 Dup	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-09172
 Report Date: 19-Jul-21
 Date Submitted: 21-May-21
 Your Reference: 234-GOS

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

264 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-06-28 15:10:16
1A3-50-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-06-30 17:04:40
1A4 (100mesh)-Timmins	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-07-11 08:42:17

REPORT A21-09172

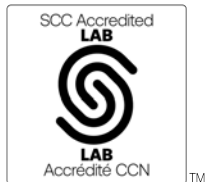
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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Footnote: Sample 437642 has variable gold.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437537	0.005								
437538	0.005								
437539	< 0.005								
437540	0.007								
437541	0.167								
437542	0.196								
437543	0.416								
437544	0.297								
437545	0.526								
437546	0.491								
437547	0.739								
437548	< 0.005								
437549	0.129								
437550	0.102								
437551	1.708								
437552	< 0.005								
437553	0.599								
437554	1.109								
437555	0.081								
437556	0.158								
437557	0.163								
437558	0.140								
437559	0.066								
437560	0.174								
437561	0.106								
437562	0.203								
437563	0.158								
437564	0.112								
437565	0.076								
437566	0.519								
437567	0.089								
437568	0.035								
437569	0.120								
437570	0.210								
437571	0.050								
437572	< 0.005								
437573	0.041								
437574	0.289								
437575	0.032								
437576	0.970								
437577	0.568								
437578	0.159								
437579	0.419								
437580	1.158								
437581	0.702								
437582	0.024								
437583	0.085								
437584	1.494								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437585	0.323								
437586	4.574	5.26	30.9	5.86	6.94	7.26	17.09	467.37	484.46
437587	0.009								
437588	> 5.000	124	242	56.1	59.3	69.4	31.46	466.49	497.95
437589	0.016								
437590	> 5.000	12.2	40.8	7.09	7.57	9.89	38.32	463.56	501.88
437591	0.358								
437592	0.113								
437593	0.711								
437594	> 5.000	5.97	30.7	5.08	5.45	7.23	38.33	457.23	495.56
437595	0.027								
437596	0.005								
437597	0.025								
437598	0.025								
437599	0.194								
437600	0.138								
437601	0.073								
437602	0.011								
437603	0.033								
437604	0.302								
437605	0.031								
437606	0.668								
437607	< 0.005								
437608	> 5.000	59.1	374	11.5	16.8	31.1	23.05	467.22	490.27
437609	0.024								
437610	> 5.000	18.0	83.7	4.32	4.26	9.28	31.29	466.52	497.81
437611	0.838								
437612	0.481								
437613	0.128								
437614	0.125								
437615	0.250								
437616	0.123								
437617	0.030								
437618	0.151								
437619	1.296								
437620	0.278								
437621	0.105								
437622	4.297	4.31							
437623	0.329								
437624	< 0.005								
437625	0.811								
437626	0.122								
437627	0.555								
437628	0.150								
437629	0.434								
437630	1.317								
437631	0.032								
437632	0.087								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437633	0.064								
437634	2.244								
437635	0.053								
437636	0.662								
437637	0.022								
437638	0.698								
437639	0.528								
437640	1.249								
437641	0.189								
437642	1.894		4.27	2.03	1.79	2.06	30.19	457.07	487.26
437643	0.750								
437644	0.468								
437645	0.251								
437646	0.454								
437647	2.827								
437648	< 0.005								
437649	0.088								
437650	0.147								
437651	0.829								
437652	0.428								
437653	0.258								
437654	0.157								
437655	< 0.005								
437656	0.005								
437657	< 0.005								
437658	< 0.005								
437659	< 0.005								
437660	0.184								
437661	0.009								
437662	< 0.005								
437663	0.015								
437664	< 0.005								
437665	0.062								
437666	0.241								
437667	0.044								
437668	< 0.005								
437669	< 0.005								
437670	0.028								
437671	< 0.005								
437672	< 0.005								
437673	0.799								
437674	0.381								
437675	0.125								
437676	< 0.005								
437677	< 0.005								
437678	< 0.005								
437679	< 0.005								
437680	0.093								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437681	0.090								
437682	0.399								
437683	0.060								
437684	1.447								
437685	0.482								
437686	0.051								
437687	0.176								
437688	0.193								
437689	> 5.000	25.0	66.7	17.2	19.2	21.7	36.24	467.00	503.24
437690	4.108	4.10							
437691	3.026	3.07							
437692	0.134								
437693	3.633	3.27							
437694	2.982								
437695	2.009								
437696	0.008								
437697	0.631								
437698	1.738								
437699	1.449								
437700	0.247								
437701	0.247								
437702	0.149								
437703	0.723								
437704	3.343	3.64							
437705	0.031								
437706	0.019								
437707	0.766								
437708	1.335								
437709	< 0.005								
437710	4.597	3.79							
437711	> 5.000	54.3	116	16.7	18.9	26.0	42.45	463.00	505.45
437712	0.500								
437713	0.165								
437714	1.019								
437715	0.461								
437716	0.300								
437717	0.312								
437718	0.441								
437719	0.254								
437720	0.662								
437721	0.638								
437722	0.065								
437723	0.147								
437724	< 0.005								
437725	0.278								
437726	0.296								
437727	0.645								
437728	0.062								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437729	0.231								
437730	0.188								
437731	1.020								
437732	2.134								
437733	0.100								
437734	0.009								
437735	< 0.005								
437736	0.660								
437737	< 0.005								
437738	< 0.005								
437739	< 0.005								
437740	< 0.005								
437741	0.042								
437742	0.709								
437743	0.903								
437744	1.750								
437745	0.503								
437746	2.410								
437747	0.797								
437748	< 0.005								
437749	0.235								
437750	0.264								
437751	0.026								
437752	0.184								
437753	0.180								
437754	0.201								
437755	0.396								
437756	0.150								
437757	0.054								
437758	0.195								
437759	0.258								
437760	0.172								
437761	1.957								
437762	> 5.000	9.95	5.22	11.6	11.1	11.0	31.99	468.00	499.99
437763	0.895								
437764	1.202								
437765	0.146								
437766	0.258								
437767	0.040								
437768	0.125								
437769	0.105								
437770	0.105								
437771	0.223								
437772	< 0.005								
437773	0.124								
437774	0.084								
437775	0.021								
437776	0.091								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437777	0.062								
437778	0.043								
437779	0.124								
437780	4.646	4.81							
437781	0.208								
437782	0.048								
437783	1.491								
437784	0.101								
437785	0.094								
437786	< 0.005								
437787	0.016								
437788	0.038								
437789	0.057								
437790	0.064								
437791	0.050								
437792	< 0.005								
437793	0.032								
437794	< 0.005								
437795	> 5.000	4.86	10.3	2.17	1.79	2.78	47.86	452.00	499.86
437796	< 0.005								
437797	0.086								
437798	0.213								
437799	0.735								
437800	0.097								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.4				11.8			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		11.7							
OREAS 229b (Fire Assay) Cert		11.9							
OREAS 229b (Fire Assay) Meas		11.5							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire Assay) Meas	2.286								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.139								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.204								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.294								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.133								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.216								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.202								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.204								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.216								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.251								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.266								
Oreas 237 (Fire Assay) Cert	2.21								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas 237 (Fire Assay) Meas	2.282								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.71				8.58			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.79							
OREAS 228b (Fire Assay) Cert		8.57							
OREAS 228b (Fire Assay) Meas		8.50							
OREAS 228b (Fire Assay) Cert		8.57							
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.503								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.502								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.527								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.514								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.518								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.511								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.511								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.518								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.505								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.506								
Oreas E1336 (Fire Assay) Cert	0.510								
437556 Orig	0.169								
437556 Dup	0.147								
437586 Split Orig PREP DUP	4.574	5.26							
437586 Split PREP DUP	4.637	4.85							
437586 Orig			30.9	5.86	6.94	7.26	17.09	467.37	484.46
437588 Orig			242	56.1	59.3	69.4	31.46	466.49	497.95
437590 Orig	> 5.000		40.8	7.09	7.57	9.89	38.32	463.56	501.88
437590 Dup	> 5.000								
437594 Orig			30.7	5.08	5.45	7.23	38.33	457.23	495.56
437600 Orig	0.132								
437600 Dup	0.143								
437608 Orig			374	11.5	16.8	31.1	23.05	467.22	490.27
437610 Orig			83.7	4.32	4.26	9.28	31.29	466.52	497.81
437615 Orig	0.253								
437615 Dup	0.247								
437622 Orig	4.297								
437635 Orig	0.054								
437635 Dup	0.051								
437637 Split Orig PREP DUP	0.022								
437637 Split PREP DUP	0.022								
437642 Orig			4.27	2.03	1.79	2.06	30.19	457.07	487.26
437649 Orig	0.104								
437649 Dup	0.071								
437659 Orig	< 0.005								
437659 Dup	< 0.005								
437669 Orig	0.005								
437669 Dup	< 0.005								
437686 Split Orig PREP DUP	0.051								
437686 Split PREP DUP	0.061								
437689 Orig			66.7	17.2	19.2	21.7	36.24	467.00	503.24
437693 Orig	3.474								
437693 Dup	3.792								
437711 Orig			116	16.7	18.9	26.0	42.45	463.00	505.45
437718 Orig	0.449								
437718 Dup	0.433								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437728 Orig	0.059								
437728 Dup	0.065								
437737 Split Orig PREP DUP	< 0.005								
437737 Split PREP DUP	< 0.005								
437737 Split PREP DUP	< 0.005								
437752 Orig	0.172								
437752 Dup	0.196								
437762 Orig	> 5.000		5.22	11.6	11.1	11.0	31.99	468.00	499.99
437762 Dup	> 5.000								
437772 Orig	< 0.005								
437772 Dup	< 0.005								
437786 Split Orig PREP DUP	< 0.005								
437786 Split PREP DUP	0.006								
437786 Orig	< 0.005								
437786 Dup	0.005								
437795 Orig		4.56	10.3	2.17	1.79	2.78	47.86	452.00	499.86
437795 Dup		5.17							
437796 Orig	< 0.005								
437796 Dup	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.02								
Method Blank	< 0.02								
Method Blank	< 0.02								
Method Blank	< 0.02								
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								



Report No.: A21-10369
Report Date: 28-Jun-21
Date Submitted: 08-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

212 Rock samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

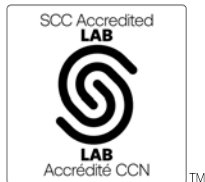
REPORT A21-10369

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437801	0.021								
437802	0.047								
437803	0.064								
437804	0.561								
437805	0.069								
437806	0.427								
437807	0.052								
437808	0.020								
437809	0.095								
437810	0.106								
437811	0.042								
437812	0.492								
437813	0.048								
437814	0.048								
437815	0.042								
437816	0.021								
437817	0.020								
437818	2.715								
437819	0.025								
437820	0.054								
437821	0.246								
437822	0.564								
437823	2.508								
437824	0.005								
437825	0.356								
437826	> 5.000	31.6	35.9	24.5	23.8	25.2	41.78	450.02	491.80
437827	0.241								
437828	0.092								
437829	0.028								
437830	0.044								
437831	0.023								
437832	0.013								
437833	0.016								
437834	0.005								
437835	0.015								
437836	0.662								
437837	0.008								
437838	0.012								
437839	0.010								
437840	0.231								
437841	0.036								
437842	0.022								
437843	0.007								
437844	0.017								
437845	0.013								
437846	0.013								
437847	0.025								
437848	0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437849	0.008								
437850	0.009								
437851	0.014								
437852	0.017								
437853	0.009								
437854	0.021								
437855	0.010								
437856	0.013								
437857	0.007								
437858	0.014								
437859	0.019								
437860	0.175								
437861	0.008								
437862	0.022								
437863	1.409								
437864	0.013								
437865	0.063								
437866	0.010								
437867	0.007								
437868	0.007								
437869	0.013								
437870	< 0.005								
437871	0.028								
437872	< 0.005								
437873	0.035								
437874	0.011								
437875	0.046								
437876	0.055								
437877	0.017								
437878	1.572		19.9	1.62	1.74	3.00	35.70	455.83	491.53
437879	0.027								
437880	0.017								
437881	0.067								
437882	0.046								
437883	0.024								
437884	1.557								
437885	0.016								
437886	0.012								
437887	0.064								
437888	0.008								
437889	< 0.005								
437890	< 0.005								
437891	0.030								
437892	< 0.005								
437893	0.013								
437894	0.238								
437895	0.847								
437896	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437897	0.196								
437898	0.039								
437899	0.149								
437900	0.783								
437901	0.092								
437902	< 0.005								
437903	0.539								
437904	1.231								
437905	0.222								
437906	0.052								
437907	0.135								
437908	0.046								
437909	0.010								
437910	0.011								
437911	0.131								
437912	0.502								
437913	0.249								
437914	0.123								
437915	0.151								
437916	0.219								
437917	0.115								
437918	0.144								
437919	0.105								
437920	0.281								
437921	0.129								
437922	0.099								
437923	0.196								
437924	< 0.005								
437925	0.259								
437926	0.909								
437927	> 5.000	7.49	20.8	3.06	3.72	4.82	39.14	436.69	475.83
437928	0.367								
437929	1.332								
437930	0.565								
437931	0.262								
437932	0.438								
437933	0.424								
437934	0.038								
437935	0.348								
437936	0.639								
437937	0.438								
437938	0.129								
437939	0.181								
437940	0.058								
437941	0.032								
437942	1.125								
437943	0.146								
437944	0.165								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437945	0.381								
437946	0.104								
437947	0.011								
437948	< 0.005								
437949	0.167								
437950	0.127								
437951	0.121								
437952	0.021								
437953	0.095								
437954	1.720								
437955	0.023								
437956	< 0.005								
437957	< 0.005								
437958	0.014								
437959	0.268								
437960	0.179								
437961	1.500								
437962	0.063								
437963	0.007								
437964	0.009								
437965	0.016								
437966	0.081								
437967	0.042								
437968	< 0.005								
437969	0.135								
437970	< 0.005								
437971	0.005								
437972	< 0.005								
437973	0.009								
437974	0.043								
437975	0.009								
437976	0.035								
437977	0.081								
437978	< 0.005								
437979	0.882								
437980	0.084								
437981	0.457								
437982	0.030								
437983	0.068								
437984	1.522								
437985	0.063								
437986	0.042								
437987	0.130								
437988	0.020								
437989	0.043								
437990	0.030								
437991	< 0.005								
437992	0.026								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
437993	0.018								
437994	0.020								
437995	0.028								
437996	< 0.005								
437997	0.012								
437998	0.223								
437999	0.051								
438000	< 0.005								
431326	< 0.005								
431327	< 0.005								
431328	0.015								
431329	0.042								
431330	0.048								
431331	0.214								
431332	0.155								
431333	0.265								
431334	0.322								
431335	0.325								
431336	0.681								
431337	0.064								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.8				12.0			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		11.9							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire Assay) Meas	2.296								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.163								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.150								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.190								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.251								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.195								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.279								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.204								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.196								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.255								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.69				8.64			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.81							
OREAS 228b		8.57							

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
(Fire Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.522								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.504								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.497								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.498								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.522								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.504								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.517								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.525								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.518								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
437810 Orig	0.096								
437810 Dup	0.117								
437820 Orig	0.050								
437820 Dup	0.059								
437826 Orig			35.9	24.5	23.8	25.2	41.78	450.02	491.80
437830 Orig	0.049								
437830 Dup	0.039								
437845 Orig	0.007								
437845 Dup	0.020								
437850 Split Orig PREP DUP	0.009								
437850 Split PREP DUP	0.008								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank	< 0.005								
Method Blank	< 0.005								



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-13901-ReAssay
 Report Date: 29-Jul-21
 Date Submitted: 22-Jul-21
 Your Reference: 234

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

30 Pulp samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-07-26 13:25:10
1A3-50-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-07-28 13:02:52

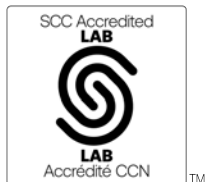
REPORT **A21-13901-ReAssay**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Footnote: Insufficient material for sample 437783



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
437769	0.133	
437770	0.108	
437771	0.284	
437772	< 0.005	
437773	0.118	
437774	0.087	
437775	0.018	
437776	0.114	
437777	0.067	
437778	0.036	
437779	0.098	
437780	4.938	4.26
437781	0.243	
437782	0.044	
437783		
258687	1.453	
437785	0.098	
437786	0.007	
437787	0.023	
437788	0.042	
437789	0.056	
437790	0.058	
437791	0.048	
437792	0.008	
437793	0.031	
437794	< 0.005	
437796	< 0.005	
437797	0.091	
437798	0.220	
437799	0.765	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 229b (Fire Assay) Meas		12.3
OREAS 229b (Fire Assay) Cert		11.9
Oreas 237 (Fire Assay) Meas	2.197	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.274	
Oreas 237 (Fire Assay) Cert	2.21	
OREAS 228b (Fire Assay) Meas		8.72
OREAS 228b (Fire Assay) Cert		8.57
Oreas E1336 (Fire Assay) Meas	0.499	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.513	
Oreas E1336 (Fire Assay) Cert	0.510	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-10795
 Report Date: 01-Aug-21
 Date Submitted: 11-Jun-21
 Your Reference: GOS-234

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

217 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-07-21 15:46:27
1A3-50-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-07-23 12:34:06
1A4 (100mesh)-Timmins	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-07-28 10:35:59

REPORT **A21-10795**

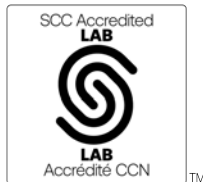
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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Footnote: Sample 440485 has variable gold.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440454	0.182								
440455	1.061								
440456	0.017								
440457	0.058								
440458	0.038								
440459	0.049								
440460	0.165								
440461	0.104								
440462	0.057								
440463	0.580								
440464	0.047								
440465	0.403								
440466	0.388								
440467	0.112								
440468	0.057								
440469	0.129								
440470	0.195								
440471	0.246								
440472	< 0.005								
440473	0.024								
440474	0.009								
440475	0.325								
440476	0.009								
440477	0.353								
440478	0.468								
440479	0.777								
440480	0.091								
440481	0.227								
440482	0.428								
440483	0.202								
440484	1.338								
440485	2.890								
440486	0.282								
440487	0.039								
440488	3.418	4.07							
440489	0.424								
440490	0.461								
440491	0.059								
440492	0.108								
440493	0.018								
440494	0.163								
440495	0.011								
440496	< 0.005								
440497	2.467								
440498	0.452								
440499	0.169								
440500	0.018								
440501	0.173								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440502	2.585								
440503	0.016								
440504	0.049								
440505	0.153								
440506	0.006								
440507	< 0.005								
440508	0.010								
440509	< 0.005								
440510	< 0.005								
440511	0.013								
440512	0.490								
440513	0.022								
440514	0.010								
440515	0.010								
440516	0.015								
440517	0.023								
440518	0.236								
440519	< 0.005								
440520	0.153								
440521	0.032								
440522	0.021								
440523	0.011								
440524	< 0.005								
440525	0.045								
440526	0.005								
440527	0.018								
440528	0.011								
440529	0.274								
440530	0.267								
440531	0.037								
440532	0.200								
440533	0.030								
440534	< 0.005								
440535	0.010								
440536	0.660								
440537	0.005								
440538	< 0.005								
440539	0.466								
440540	< 0.005								
440541	0.005								
440542	0.019								
440543	0.007								
440544	1.169								
440545	< 0.005								
440546	0.013								
440547	0.073								
440548	< 0.005								
440549	2.074								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440550	1.629								
440551	0.631								
440552	0.384								
440553	0.014								
440554	0.359								
440555	0.566								
440556	0.674								
440557	0.149								
440558	1.017								
440559	0.156								
440560	0.182								
440561	0.332								
440562	0.441								
440563	0.395								
440564	1.462								
440565	0.066								
440566	0.015								
440567	0.189								
440568	0.122								
440569	0.431								
440570	0.638								
440571	0.365								
440572	< 0.005								
440573	1.183								
440574	0.658								
440575	0.506								
440576	4.761	5.35	2.67	4.37	5.89	4.99	27.31	467.65	494.96
440577	1.043								
440578	4.477	3.98							
440579	> 5.000	12.8	4.05	9.59	9.57	9.12	41.71	456.63	498.34
440580	0.017								
440581	0.370								
440582	0.362								
440583	0.256								
440584	1.421								
440585	0.226								
440586	0.426								
440587	0.703								
440588	1.413								
440589	1.241								
440590	1.375								
440591	0.767								
440592	1.637								
440593	0.556								
440594	0.299								
440595	0.355								
440596	< 0.005								
440597	0.860								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440598	> 5.000	67.5	143	74.3	67.1	77.6	46.83	448.32	495.15
440599	0.107								
440600	> 5.000	158	1100	113	114	208	47.17	447.83	495.00
440601	0.018								
440602	> 5.000	26.5	15.4	21.1	19.5	19.9	42.54	448.54	491.08
440603	0.022								
440604	0.068								
440605	0.013								
440606	0.005								
440607	< 0.005								
440608	0.166								
440609	0.005								
440610	< 0.005								
440611	0.597								
440612	0.494								
440613	0.009								
440614	< 0.005								
440615	< 0.005								
440616	< 0.005								
440617	0.007								
440618	0.039								
440619	< 0.005								
440620	0.006								
440621	0.005								
440622	0.019								
440623	< 0.005								
440624	< 0.005								
440625	< 0.005								
440626	< 0.005								
440627	0.009								
440628	2.356								
440629	0.097								
440630	0.147								
440631	0.038								
440632	0.218								
440633	0.086								
440634	0.169								
440635	0.301								
440636	0.671								
440637	0.413								
440638	0.090								
440639	0.339								
440640	0.229								
440641	0.047								
440642	0.194								
440643	0.173								
440644	0.074								
440645	0.327								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440646	0.107								
440647	0.158								
440648	< 0.005								
440649	0.241								
440650	0.407								
440651	0.179								
440652	0.805								
440653	0.242								
440654	1.329								
440655	1.210								
440656	0.110								
440657	0.396								
440658	0.057								
440659	0.078								
440660	0.170								
440661	0.184								
440662	0.044								
440663	0.015								
440664	0.009								
440665	1.258								
440666	0.315								
440667	0.325								
440668	0.087								
440669	0.008								
440670	0.014								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.4				12.4			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		11.8				11.7			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.115								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.172								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.279								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.153								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.148								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.175								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.122								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.159								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.122								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.151								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.43				8.40			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.92				8.87			
OREAS 228b		8.57				8.57			

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
(Fire Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.508								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.520								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.507								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.528								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.522								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.503								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
440461 Orig	0.098								
440461 Dup	0.110								
440485 Orig	2.890								
440497 Orig	2.460								
440497 Dup	2.473								
440500 Orig	0.019								
440500 Dup	0.016								
440503 Split Orig PREP DUP	0.016								
440503 Split PREP DUP	0.016								
440509 Orig	< 0.005								
440509 Dup	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440519 Orig	< 0.005								
440519 Dup	< 0.005								
440524 Orig	< 0.005								
440524 Dup	< 0.005								
440539 Orig	0.484								
440539 Dup	0.448								
440553 Split Orig PREP DUP	0.014								
440553 Split PREP DUP	0.019								
440562 Orig	0.451								
440562 Dup	0.431								
440576 Orig			2.67	4.37	5.89	4.99	27.31	467.65	494.96
440577 Orig	1.033								
440577 Dup	1.054								
440579 Orig			4.05	9.59	9.57	9.12	41.71	456.63	498.34
440587 Orig	0.745								
440587 Dup	0.661								
440592 Orig	1.634								
440592 Dup	1.640								
440598 Orig			143	74.3	67.1	77.6	46.83	448.32	495.15
440600 Orig			1100	113	114	208	47.17	447.83	495.00
440602 Orig	> 5.000		15.4	21.1	19.5	19.9	42.54	448.54	491.08
440602 Dup	> 5.000								
440603 Split Orig PREP DUP	0.022								
440603 Split PREP DUP	0.017								
440616 Orig	< 0.005								
440616 Dup	< 0.005								
440632 Orig	0.189								
440632 Dup	0.248								
440642 Orig	0.210								
440642 Dup	0.178								
440653 Split Orig PREP DUP	0.242								
440653 Split PREP DUP	0.253								
440656 Orig	0.115								
440656 Dup	0.105								
440669 Orig	0.006								
440669 Dup	0.010								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-11232
Report Date: 28-Jul-21
Date Submitted: 17-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

100 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

REPORT A21-11232

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440771	0.079								
440772	< 0.005								
440773	0.208								
440774	0.212								
440775	0.512								
440776	0.360								
440777	0.010								
440778	0.011								
440779	0.215								
440780	0.134								
440781	0.045								
440782	0.013								
440783	< 0.005								
440784	1.452								
440785	0.178								
440786	1.681								
440787	0.065								
440788	< 0.005								
440789	0.014								
440790	0.022								
440791	0.025								
440792	0.260								
440793	0.044								
440794	0.046								
440795	0.095								
440796	< 0.005								
440797	0.138								
440798	0.059								
440799	0.080								
440800	< 0.005								
440801	0.474								
440802	0.036								
440803	0.046								
440804	0.077								
440805	0.106								
440806	0.046								
440807	0.027								
440808	< 0.005								
440809	0.009								
440810	< 0.005								
440811	0.006								
440812	0.497								
440813	0.022								
440814	0.042								
440815	1.156								
440816	0.114								
440817	0.036								
440818	0.052								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440819	0.062								
440820	0.035								
440821	0.944								
440822	0.087								
440823	0.603								
440824	< 0.005								
440825	0.102								
440826	0.360								
440827	0.465								
440828	> 5.000	13.0	196	9.47	12.0	11.6	10.55	2260.0	2270.6
440829	0.663								
440830	0.552								
440831	0.413								
440832	0.742								
440833	0.132								
440834	0.412								
440835	0.061								
440836	0.647								
440837	0.050								
440838	1.064								
440839	0.631								
440840	0.458								
440841	1.294								
440842	0.348								
440843	0.263								
440844	0.086								
440845	0.050								
440846	0.278								
440847	0.091								
440848	< 0.005								
440849	0.058								
440850	0.076								
440851	0.015								
440852	1.383								
440853	1.314								
440854	0.309								
440855	0.189								
440856	0.908								
440857	0.062								
440858	0.222								
440859	0.211								
440860	0.183								
440861	0.124								
440862	0.022								
440863	0.059								
440864	0.498								
440865	0.249								
440866	0.378								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440867	0.174								
440868	0.063								
440869	0.618								
440870	0.345								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.9				11.5			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.308								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.295								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.192								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.162								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.53				8.60			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
Oreas E1336 (Fire Assay) Meas	0.516								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.527								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.520								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.503								
Oreas E1336 (Fire Assay) Cert	0.510								
440780 Orig	0.136								
440780 Dup	0.131								
440790 Orig	0.018								
440790 Dup	0.026								
440800 Orig	< 0.005								
440800 Dup	0.005								
440820 Split Orig PREP DUP	0.035								
440820 Split PREP DUP	0.029								
440820 Orig	0.036								
440820 Dup	0.035								
440827 Orig	0.483								
440827 Dup	0.446								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
440828 Orig			196	9.47	12.0	11.6	10.55	2260.0	2270.6
440838 Orig	1.006								
440838 Dup	1.121								
440841 Orig	1.335								
440841 Dup	1.254								
440856 Orig	0.954								
440856 Dup	0.863								
440866 Orig	0.370								
440866 Dup	0.387								
440870 Split Orig PREP DUP	0.345								
440870 Split PREP DUP	0.354								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-11237
Report Date: 30-Jul-21
Date Submitted: 17-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

102 Core samples were submitted for analysis.

Table with 3 columns: Analytical package requested, Test description, and Testing Date. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

REPORT A21-11237

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
440871	1.288								
440872	< 0.005								
440873	1.860								
440874	0.977								
440875	> 5.000	106	4.34	4.65	5.95	19.31	1320.0	1339.3	10.4
440876	0.008								
440877	0.730								
440878	0.458								
440879	0.013								
440880	0.751								
440881	0.571								
440882	0.798								
440883	1.080								
440884	1.449								
440885	1.217								
440886	1.318								
440887	0.180								
440888	0.534								
440889	0.429								
440890	0.580								
440891	1.444								
440892	0.289								
440893	0.738								
440894	0.010								
440895	0.510								
440896	< 0.005								
440897	0.380								
440898	0.263								
440899	< 0.005								
440900	0.488								
440901	3.481								4.21
440902	0.025								
440903	0.012								
440904	0.019								
440905	0.063								
440906	0.054								
440907	0.065								
440908	0.164								
440909	0.012								
440910	0.010								
440911	0.019								
440912	0.475								
440913	0.011								
440914	0.267								
440915	0.158								
440916	0.131								
440917	0.051								
440918	0.107								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
440919	0.156								
440920	0.053								
440921	0.216								
440922	1.048								
440923	0.079								
440924	< 0.005								
440925	0.144								
440926	0.135								
440927	0.020								
440928	0.042								
440929	0.053								
440930	0.038								
440931	0.080								
440932	0.172								
440933	0.020								
440934	0.009								
440935	0.044								
440936	0.627								
440937	0.014								
440938	0.011								
440939	0.033								
440940	0.174								
440941	0.197								
440942	0.024								
440943	0.006								
440944	0.200								
440945	0.070								
440946	0.140								
440947	0.129								
440948	< 0.005								
440949	0.162								
440950	0.227								
440951	0.158								
440952	0.065								
440953	0.032								
440954	0.164								
440955	0.077								
440956	0.107								
440957	0.051								
440958	0.117								
440959	0.132								
440960	0.183								
440961	0.012								
440962	0.019								
440963	0.034								
440964	0.176								
440965	0.035								
440966	0.035								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
440967	0.064								
440968	0.017								
440969	0.041								
440970	0.021								
440971	< 0.005								
440972	< 0.005								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-GRA
OREAS 229b (Fire Assay) Meas					11.9				11.9
OREAS 229b (Fire Assay) Cert					11.9				11.9
OREAS 229b (Fire Assay) Meas									11.5
OREAS 229b (Fire Assay) Cert									11.9
Oreas 237 (Fire Assay) Meas	2.252								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.239								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.246								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas					8.49				8.89
OREAS 228b (Fire Assay) Cert					8.57				8.57
OREAS 228b (Fire Assay) Meas									8.57
OREAS 228b (Fire Assay) Cert									8.57
Oreas E1336 (Fire Assay) Meas	0.518								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.500								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.502								
Oreas E1336 (Fire Assay) Cert	0.510								
440875 Orig		106	4.34	4.65	5.95	19.31	1320.0	1339.3	
440879 Orig	0.013								
440879 Dup	0.013								
440889 Orig	0.409								
440889 Dup	0.450								
440899 Orig	< 0.005								
440899 Dup	< 0.005								
440906 Orig	0.045								
440906 Dup	0.062								
440918 Orig	0.093								
440918 Dup	0.121								
440920 Split Orig PREP DUP	0.053								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
440920 Split PREP DUP	0.048								
440927 Orig	0.020								
440927 Dup	0.020								
440937 Orig	0.012								
440937 Dup	0.016								
440952 Orig	0.066								
440952 Dup	0.063								
440962 Orig	0.019								
440962 Dup	0.018								
440970 Split Orig PREP DUP	0.021								
440970 Split PREP DUP	0.025								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank									< 0.02
Method Blank									< 0.02
Method Blank									< 0.02
Method Blank									< 0.02
Method Blank					< 0.03				
Method Blank					< 0.03				



Report No.: A21-11247
Report Date: 30-Jul-21
Date Submitted: 17-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

100 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

REPORT A21-11247

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

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TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
440671	0.019								
440672	< 0.005								
440673	0.127								
440674	0.012								
440675	0.031								
440676	0.022								
440677	0.015								
440678	0.011								
440679	1.818								
440680	0.055								
440681	0.017								
440682	0.183								
440683	< 0.005								
440684	1.502								
440685	0.007								
440686	0.024								
440687	0.010								
440688	0.540								
440689	0.100								
440690	0.360								
440691	0.089								
440692	0.014								
440693	0.079								
440694	0.043								
440695	0.047								
440696	< 0.005								
440697	0.207								
440698	1.127								
440699	0.561								
440700	0.038								
440701	0.005								
440702	0.022								
440703	0.009								
440704	0.067								
440705	0.006								
440706	0.020								
440707	0.056								
440708	< 0.005								
440709	0.010								
440710	0.011								
440711	0.029								
440712	0.499								
440713	0.081								
440714	0.038								
440715	0.068								
440716	0.013								
440717	0.018								
440718	0.052								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
440719	0.061								
440720	0.037								
440721	0.093								
440722	0.205								
440723	0.126								
440724	< 0.005								
440725	0.299								
440726	0.024								
440727	0.013								
440728	0.013								
440729	0.226								
440730	0.857								
440731	0.154								
440732	0.218								
440733	0.110								
440734	0.017								
440735	0.082								
440736	0.658								
440737	0.034								
440738	0.073								
440739	0.047								
440740	0.058								
440741	0.206								
440742	0.057								
440743	0.305								
440744	0.048								
440745	0.007								
440746	0.095								
440747	0.073								
440748	< 0.005								
440749	0.052								
440750	0.191								
440751	0.260								
440752	0.408								
440753	0.939								
440754	0.885								
440755	0.051								
440756	0.400								
440757	0.590								
440758	> 5.000	146	5.08	4.84	7.86	34.28	1640.0	1674.3	11.3
440759	2.022								
440760	0.176								
440761	1.409								
440762	0.164								
440763	0.077								
440764	0.047								
440765	0.060								
440766	0.015								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
440767	0.051								
440768	0.077								
440769	0.035								
440770	0.053								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
OREAS 229b (Fire Assay) Meas					11.9				11.5
OREAS 229b (Fire Assay) Cert					11.9				11.9
Oreas 237 (Fire Assay) Meas	2.223								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.283								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.202								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.220								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.257								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas					8.49				8.57
OREAS 228b (Fire Assay) Cert					8.57				8.57
Oreas E1336 (Fire Assay) Meas	0.526								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.528								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.516								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.522								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
440673 Orig	0.113								
440673 Dup	0.142								
440685 Orig	0.007								
440685 Dup	0.006								
440694 Orig	0.042								
440694 Dup	0.044								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
440714 Orig	0.027								
440714 Dup	0.050								
440720 Split Orig PREP DUP	0.037								
440720 Split PREP DUP	0.049								
440723 Orig	0.117								
440723 Dup	0.135								
440733 Orig	0.100								
440733 Dup	0.119								
440758 Orig		146	5.08	4.84	7.86	34.28	1640.0	1674.3	
440764 Orig	0.050								
440764 Dup	0.043								
440770 Split Orig PREP DUP	0.053								
440770 Split PREP DUP	0.032								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								< 0.02
Method Blank									< 0.02
Method Blank	0.005								
Method Blank	0.005								
Method Blank					< 0.03				
Method Blank					< 0.03				



Report No.: A21-09455
 Report Date: 06-Jul-21
 Date Submitted: 28-May-21
 Your Reference: GOS-234

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

220 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2 (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-06-16 14:46:00
1A3-50	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-06-18 13:23:50
1A4 (100mesh)	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-06-21 14:18:48

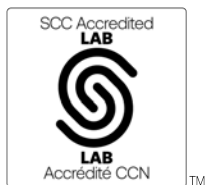
REPORT A21-09455

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
 41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
 TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435501	0.392								
435502	0.372								
435503	0.349								
435504	0.390								
435505	0.008								
435506	0.221								
435507	0.184								
435508	0.024								
435509	0.051								
435510	0.067								
435511	0.188								
435512	0.475								
435513	0.202								
435514	0.189								
435515	0.286								
435516	0.365								
435517	0.203								
435518	0.230								
435519	0.527								
435520	0.630								
435521	0.562								
435522	0.618								
435523	0.479								
435524	0.009								
435525	0.389								
435526	0.635								
435527	0.867								
435528	4.754	4.14							
435529	1.119								
435530	4.715	4.47							
435531	0.660								
435532	0.514								
435533	0.483								
435534	0.431								
435535	0.541								
435536	0.670								
435537	0.389								
435538	0.531								
435539	0.422								
435540	0.233								
435541	0.191								
435542	0.543								
435543	0.135								
435544	0.018								
435545	0.025								
435546	0.061								
435547	0.239								
435548	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435549	0.041								
435550	0.034								
435551	0.057								
435552	0.082								
435553	0.134								
435554	0.061								
435555	0.102								
435556	0.154								
435557	0.643								
435558	0.131								
435559	0.372								
435560	0.178								
435561	0.136								
435562	1.526								
435563	0.403								
435564	0.447								
435565	0.207								
435566	0.102								
435567	0.033								
435568	0.064								
435569	0.094								
435570	0.163								
435571	0.228								
435572	< 0.005								
435573	0.122								
435574	0.335								
435575	0.006								
435576	0.093								
435577	0.027								
435578	0.120								
435579	0.142								
435580	0.157								
435581	0.165								
435582	0.240								
435583	0.402								
435584	1.512								
435585	0.616								
435586	0.590								
435587	0.131								
435588	0.057								
435589	0.374								
435590	0.427								
435591	0.481								
435592	0.076								
435593	0.072								
435594	0.554								
435595	0.018								
435596	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435597	0.005								
435598	0.341								
435599	0.037								
435600	0.047								
435601	0.043								
435602	0.382								
435603	0.172								
435604	0.043								
435605	0.327								
435606	0.483								
435607	0.237								
435608	0.430								
435609	0.380								
435610	0.405								
435611	0.124								
435612	0.493								
435613	0.180								
435614	0.279								
435615	0.300								
435616	0.277								
435617	0.291								
435618	0.321								
435619	0.238								
435620	0.314								
435621	0.299								
435622	0.184								
435623	0.150								
435624	0.006								
435625	0.046								
435626	0.181								
435627	0.074								
435628	0.154								
435629	0.158								
435630	0.089								
435631	0.936								
435632	0.278								
435633	0.605								
435634	0.898								
435635	0.568								
435636	0.667								
435637	0.110								
435638	0.256								
435639	0.105								
435640	0.439								
435641	0.335								
435642	0.498								
435643	0.643								
435644	0.449								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435645	> 5.000	8.77	42.6	2.85	3.73	5.04	22.91	492.00	514.91
435646	0.170								
435647	0.450								
435648	0.007								
435649	0.360								
435650	0.473								
435651	1.169								
435652	3.227	3.81							
435653	1.488								
435654	0.581								
435655	0.951								
435656	> 5.000	5.67	3.95	5.69	5.13	5.33	27.87	480.00	507.87
435657	1.346								
435658	0.006								
435659	1.053								
435660	0.176								
435661	1.232								
435662	> 5.000	5.37	6.28	4.78	4.66	4.80	25.17	486.00	511.17
435663	> 5.000	7.63	24.8	7.56	5.30	7.45	28.68	488.00	516.68
435664	3.529	3.88							
435665	0.007								
435666	4.265	4.73							
435667	3.308	3.84							
435668	> 5.000	15.2	25.9	12.3	14.8	14.1	25.62	498.00	523.62
435669	> 5.000	6.16	67.4	11.0	10.5	13.9	29.24	496.00	525.24
435670	> 5.000	13.6	41.0	14.1	13.6	15.4	28.41	484.00	512.41
435671	1.510								
435672	0.006								
435673	1.880								
435674	2.877								
435675	> 5.000	6.75	36.5	4.19	8.95	8.20	28.10	488.00	516.10
435676	4.195	4.06							
435677	2.058								
435678	1.003								
435679	0.068								
435680	0.243								
435681	1.771								
435682	0.257								
435683	0.674								
435684	1.477								
435685	0.313								
435686	3.493	3.17							
435687	> 5.000	5.82	4.61	6.28	6.70	6.41	21.48	474.00	495.48
435688	0.595								
435689	1.268								
435690	2.098								
435691	4.231	3.94							
435692	3.955	4.29							

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435693	1.777								
435694	2.416								
435695	2.169								
435696	0.007								
435697	2.755								
435698	1.661								
435699	1.698								
435700	1.456								
435701	1.135								
435702	1.792								
435703	1.055								
435704	0.913								
435705	1.448								
435706	1.129								
435707	0.498								
435708	0.308								
435709	1.568								
435710	2.910								
435711	1.386								
435712	0.475								
435713	0.947								
435714	1.229								
435715	0.825								
435716	1.193								
435717	0.340								
435718	0.331								
435719	0.623								
435720	0.777								

Analyte Symbol	Au	Au	Total Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 217 (Fire Assay) Meas	0.330								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.343								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.338								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.336								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.329								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.333								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.345								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.322								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 229b (Fire Assay) Meas		11.9	12.4						
OREAS 229b (Fire Assay) Cert		11.9	11.9						
OREAS 229b (Fire Assay) Meas			11.8						
OREAS 229b (Fire Assay) Cert			11.9						
OREAS 229b (Fire Assay) Meas			12.0						
OREAS 229b (Fire Assay) Cert			11.9						
Oreas 237 (Fire Assay) Meas	2.189								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.167								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.159								
Oreas 237 (Fire Assay) Cert	2.21								

Analyte Symbol	Au	Au	Total Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas 237 (Fire Assay) Meas	2.272								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.221								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.264								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.172								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.158								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228 Meas		8.82							
OREAS 228 Cert		8.73							
435510 Orig	0.071								
435510 Dup	0.062								
435520 Orig	0.657								
435520 Dup	0.604								
435530 Orig	4.654								
435530 Dup	4.777								
435550 Split Orig PREP DUP	0.034								
435550 Split PREP DUP	0.042								
435551 Orig	0.046								
435551 Dup	0.069								
435558 Orig	0.139								
435558 Dup	0.122								
435568 Orig	0.066								
435568 Dup	0.061								
435571 Orig	0.239								
435571 Dup	0.217								
435586 Orig	0.656								
435586 Dup	0.523								
435596 Orig	< 0.005								
435596 Dup	< 0.005								
435600 Split Orig PREP DUP	0.047								
435600 Split PREP DUP	0.069								
435611 Orig	0.129								
435611 Dup	0.120								
435626 Orig	0.193								

Analyte Symbol	Au	Au	Total Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435626 Dup	0.169								
435637 Orig	0.118								
435637 Dup	0.102								
435641 Orig	0.313								
435641 Dup	0.357								
435645 Orig			5.04	42.6	2.85	3.73	22.91	492.00	514.91
435650 Split Orig PREP DUP	0.473								
435650 Split PREP DUP	0.477								
435656 Orig			5.33	3.95	5.69	5.13	27.87	480.00	507.87
435662 Orig			4.80	6.28	4.78	4.66	25.17	486.00	511.17
435663 Orig			7.45	24.8	7.56	5.30	28.68	488.00	516.68
435665 Orig	0.009								
435665 Dup	0.006								
435668 Orig			14.1	25.9	12.3	14.8	25.62	498.00	523.62
435669 Orig			13.9	67.4	11.0	10.5	29.24	496.00	525.24
435670 Orig			15.4	41.0	14.1	13.6	28.41	484.00	512.41
435675 Orig			8.20	36.5	4.19	8.95	28.10	488.00	516.10
435687 Orig			6.41	4.61	6.28	6.70	21.48	474.00	495.48
435689 Orig	1.260								
435689 Dup	1.276								
435700 Split Orig PREP DUP	1.456								
435700 Split PREP DUP	1.435								
435703 Orig	1.062								
435703 Dup	1.048								
435708 Orig	0.316								
435708 Dup	0.301								
435718 Orig	0.364								
435718 Dup	0.298								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	0.005								
Method Blank	0.005								
Method Blank	0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank			< 0.03						
Method Blank			< 0.03						
Method Blank			< 0.03						
Method Blank			< 0.03						
Method Blank			< 0.03						
Method Blank			< 0.03						
Method Blank			< 0.03						



Report No.: A21-10367
Report Date: 28-Jun-21
Date Submitted: 08-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

299 Rock samples were submitted for analysis.

Table with 3 columns: Analytical package requested, Test description, and Testing Date. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

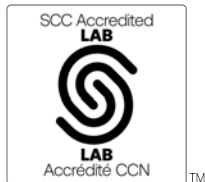
REPORT A21-10367

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435721	0.290								
435722	0.607								
435723	1.093								
435724	< 0.005								
435725	0.292								
435726	0.853								
435727	0.296								
435728	1.034								
435729	0.762								
435730	0.643								
435731	1.176								
435732	0.356								
435733	0.342								
435734	0.557								
435735	0.340								
435736	0.687								
435737	0.796								
435738	0.615								
435739	0.809								
435740	3.398	3.16							
435741	0.735								
435742	0.366								
435743	1.758								
435744	0.329								
435745	0.017								
435746	0.438								
435747	1.206								
435748	< 0.005								
435749	0.195								
435750	> 5.000	3.37	0.10	0.96	0.88	0.87	28.66	436.29	464.95
435751	0.481								
435752	0.206								
435753	0.294								
435754	0.215								
435755	0.332								
435756	0.272								
435757	0.227								
435758	0.170								
435759	0.212								
435760	0.179								
435761	0.242								
435762	1.379								
435763	0.413								
435764	< 0.005								
435765	< 0.005								
435766	< 0.005								
435767	1.017								
435768	0.186								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435769	0.393								
435770	0.502								
435771	0.699								
435772	< 0.005								
435773	0.281								
435774	0.438								
435775	0.561								
435776	0.254								
435777	0.367								
435778	0.388								
435779	0.714								
435780	0.208								
435781	0.027								
435782	0.006								
435783	0.026								
435784	1.512								
435785	0.132								
435786	0.096								
435787	0.209								
435788	0.132								
435789	0.909								
435790	0.606								
435791	0.801								
435792	0.252								
435793	0.436								
435794	0.886								
435795	0.079								
435796	< 0.005								
435797	0.281								
435798	0.180								
435799	0.080								
435800	0.227								
435801	0.064								
435802	1.244								
435803	1.066								
435804	0.663								
435805	0.256								
435806	0.368								
435807	0.235								
435808	1.267								
435809	0.424								
435810	0.323								
435811	0.337								
435812	0.475								
435813	1.849								
435814	0.570								
435815	0.413								
435816	0.419								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435817	0.377								
435818	1.374								
435819	0.955								
435820	0.342								
435821	0.431								
435822	0.251								
435823	0.022								
435824	0.008								
435825	0.237								
435826	0.258								
435827	0.942								
435828	0.091								
435829	0.617								
435830	0.557								
435831	0.576								
435832	0.180								
435833	0.643								
435834	0.112								
435835	1.522								
435836	0.669								
435837	1.532								
435838	0.495								
435839	1.586								
435840	0.044								
435841	0.286								
435842	0.207								
435843	0.515								
435844	0.706								
435845	0.177								
435846	0.447								
435847	1.584								
435848	< 0.005								
435849	0.964								
435850	0.598								
435851	0.487								
435852	0.375								
435853	0.181								
435854	0.802								
435855	0.255								
435856	0.148								
435857	0.320								
435858	0.095								
435859	0.025								
435860	0.173								
435861	< 0.005								
435862	0.006								
435863	0.054								
435864	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435865	0.074								
435866	0.064								
435867	0.013								
435868	0.133								
435869	0.399								
435870	1.365								
435871	0.045								
435872	< 0.005								
435873	0.119								
435874	0.798								
435875	1.017								
435876	0.102								
435877	0.220								
435878	0.251								
435879	1.368								
435880	0.929								
435881	4.962	5.18							
435882	0.778								
435883	0.679								
435884	1.477								
435885	0.701								
435886	> 5.000	28.8							
435887	> 5.000	8.01	65.8	16.3	16.1	20.6	43.53	447.41	490.94
435888	1.547								
435889	0.676								
435890	0.973								
435891	0.520								
435892	0.556								
435893	1.073								
435894	0.901								
435895	0.738								
435896	< 0.005								
435897	2.005								
435898	0.706								
435899	> 5.000	15.5	113	7.59	6.86	16.0	41.25	454.09	495.34
435900	0.503								
435901	0.928								
435902	0.511								
435903	0.732								
435904	1.894								
435905	2.192								
435906	0.292								
435907	1.469								
435908	0.096								
435909	0.448								
435910	0.435								
435911	0.801								
435912	0.487								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435913	0.783								
435914	0.618								
435915	1.042								
435916	1.572								
435917	2.329								
435918	2.171								
435919	0.603								
435920	0.595								
435921	0.411								
435922	2.241								
435923	0.969								
435924	< 0.005								
435925	0.728								
435926	1.797								
435927	1.024								
435928	> 5.000	6.21	16.3	2.64	3.51	4.31	46.11	447.69	493.80
435929	1.817								
435930	2.998								
435931	1.322								
435932	1.096								
435933	0.699								
435934	> 5.000	5.29	7.28	3.52	2.83	3.41	27.63	463.08	490.71
435935	1.621								
435936	0.652								
435937	1.249								
435938	3.135	2.73							
435939	2.238								
435940	1.170								
435941	1.308								
435942	1.053								
435943	0.781								
435944	0.633								
435945	0.446								
435946	0.455								
435947	0.263								
435948	< 0.005								
435949	0.044								
435950	< 0.005								
435951	0.566								
435952	0.063								
435953	0.386								
435954	0.179								
435955	0.650								
435956	> 5.000	14.0	1.89	0.67	0.93	0.86	26.50	466.98	493.48
435957	0.559								
435958	0.255								
435959	0.086								
435960	0.171								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
435961	0.165								
435962	0.295								
435963	0.036								
435964	0.191								
435965	0.244								
435966	0.115								
435967	0.053								
435968	0.149								
435969	0.087								
435970	0.122								
435971	0.301								
435972	< 0.005								
435973	0.125								
435974	0.375								
435975	0.182								
435976	0.208								
435977	1.299								
435978	0.085								
435979	0.122								
435980	0.077								
435981	0.030								
435982	0.187								
435983	0.049								
435984	1.458								
435985	0.024								
435986	0.349								
435987	0.712								
435988	0.280								
435989	0.275								
435990	0.196								
435991	0.237								
435992	1.658								
435993	0.207								
435994	1.023								
435995	0.024								
435996	< 0.005								
435997	0.044								
435998	0.032								
435999	0.355								
436000	0.041								
438751	0.163								
438752	0.167								
438753	0.129								
438754	0.086								
438755	0.141								
438756	0.060								
438757	0.084								
438758	0.047								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438759	0.007								
438760	0.167								
438761	0.197								
438762	0.006								
438763	0.018								
438764	0.016								
438765	0.065								
438766	0.071								
438767	0.719								
438768	0.020								
438769	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.2				11.7			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		12.0							
OREAS 229b (Fire Assay) Cert		11.9							
OREAS 229b (Fire Assay) Meas		11.6							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire Assay) Meas	2.213								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.157								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.228								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.233								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.262								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.286								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.217								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.289								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.244								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.132								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.240								
Oreas 237 (Fire Assay) Cert	2.21								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas 237 (Fire Assay) Meas	2.296								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.281								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.72				8.40			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.55							
OREAS 228b (Fire Assay) Cert		8.57							
OREAS 228b (Fire Assay) Meas		8.66							
OREAS 228b (Fire Assay) Cert		8.57							
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.504								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.522								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.504								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.519								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.504								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.517								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.510								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.507								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.505								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
435730 Orig	0.669								
435730 Dup	0.617								
435740 Orig	3.482								
435740 Dup	3.315								
435750 Orig	3.617		0.10	0.96	0.88	0.87	28.66	436.29	464.95
435750 Dup	> 5.000								
435765 Orig	< 0.005								
435765 Dup	< 0.005								
435770 Split Orig PREP DUP	0.502								
435770 Split PREP DUP	0.437								
435799 Orig	0.085								
435799 Dup	0.076								
435809 Orig	0.407								
435809 Dup	0.442								
435820 Split Orig PREP DUP	0.342								
435820 Split PREP DUP	0.399								
435843 Orig	0.541								
435843 Dup	0.488								
435868 Orig	0.152								
435868 Dup	0.114								
435870 Split Orig PREP DUP	1.365								
435870 Split PREP DUP	1.424								
435877 Orig	0.223								
435877 Dup	0.216								
435887 Orig	> 5.000		65.8	16.3	16.1	20.6	43.53	447.41	490.94
435887 Dup	> 5.000								
435899 Orig	> 5.000	16.2	113	7.59	6.86	16.0	41.25	454.09	495.34
435899 Dup		14.8							
435900 Orig	0.486								
435900 Dup	0.521								
435902 Orig	0.491								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							



Report No.: A21-11776
Report Date: 01-Aug-21
Date Submitted: 24-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

110 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

REPORT A21-11776

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
431491	0.127								
431492	0.586								
431493	< 0.005								
431494	0.035								
431495	0.050								
431496	0.006								
431497	0.012								
431498	0.061								
431499	0.016								
431500	0.056								
433501	0.022								
433502	0.031								
433503	0.021								
433504	0.187								
433505	0.011								
433506	0.015								
433507	0.016								
433508	0.013								
433509	0.008								
433510	0.013								
433511	0.007								
433512	0.503								
433513	0.011								
433514	0.009								
433515	0.011								
433516	0.008								
433517	< 0.005								
433518	0.005								
433519	< 0.005								
433520	< 0.005								
433521	< 0.005								
433522	< 0.005								
433523	0.026								
433524	< 0.005								
433525	0.048								
433526	0.112								
433527	0.061								
433528	< 0.005								
433529	0.007								
433530	0.008								
433531	0.006								
433532	0.063								
433533	0.674								
433534	0.221								
433535	0.150								
433536	0.689								
433537	0.072								
433538	0.006								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433539	0.018								
433540	0.043								
433541	0.009								
433542	0.010								
433543	0.027								
433544	0.082								
433545	0.026								
433546	0.025								
433547	0.037								
433548	< 0.005								
433549	0.006								
433550	0.014								
433551	0.010								
433552	0.009								
433553	0.033								
433554	0.013								
433555	0.072								
433556	0.014								
433557	0.048								
433558	0.058								
433559	0.005								
433560	0.180								
433561	0.019								
433562	0.029								
433563	0.008								
433564	0.225								
433565	0.007								
433566	< 0.005								
433567	0.194								
433568	0.067								
433569	0.047								
433570	0.041								
433571	0.005								
433572	< 0.005								
433573	> 5.000	6.81	155	3.75	4.83	7.02	32.70	1766.0	1798.7
433574	0.432								
433575	0.165								
433576	0.088								
433577	0.047								
433578	0.073								
433579	0.080								
433580	0.017								
433581	0.117								
433582	0.088								
433583	0.044								
433584	1.598								
433585	0.029								
433586	0.067								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433587	0.084								
433588	0.360								
433589	0.821								
433590	0.768								
431591	2.006								
431592	0.328								
431593	0.343								
431594	0.351								
431595	0.881								
431596	< 0.005								
431597	0.093								
431598	2.564								
431599	0.007								
431600	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.5				11.7			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.185								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.316								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.178								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.198								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.300								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.22				8.39			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
Oreas E1336 (Fire Assay) Meas	0.500								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.525								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.505								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.522								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.529								
Oreas E1336 (Fire Assay) Cert	0.510								
433510 Orig	0.009								
433510 Dup	0.016								
433520 Orig	< 0.005								
433520 Dup	0.005								
433535 Orig	0.151								
433535 Dup	0.150								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433540 Split Orig PREP DUP	0.043								
433540 Split PREP DUP	0.043								
433545 Orig	0.021								
433545 Dup	0.031								
433555 Orig	0.084								
433555 Dup	0.060								
433573 Orig			155	3.75	4.83	7.02	32.70	1766.0	1798.7
433580 Orig	0.018								
433580 Dup	0.016								
433589 Split Orig PREP DUP	0.821								
433589 Split PREP DUP	0.921								
433590 Orig	0.734								
433590 Dup	0.803								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-11784
Report Date: 22-Jul-21
Date Submitted: 24-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

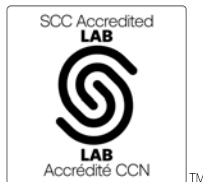
Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2-Timmins (ppm) | QOP AA-Au (Au - Fire Assay AA) | 2021-07-22 07:59:32

REPORT A21-11784

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
431351	0.009
431352	0.409
431353	0.013
431354	0.012
431355	0.042
431356	0.032
431357	< 0.005
431358	0.222
431359	0.021
431360	0.174
431361	0.013
431362	0.177
431363	0.043
431364	0.036
431365	0.037
431366	0.027
431367	0.032
431368	0.030
431369	0.061
431370	0.059
431371	0.028
431372	< 0.005
431373	0.063
431374	0.444
431375	0.011
431376	0.073
431377	0.030
431378	0.017
431379	0.015
431380	0.036
431381	0.026
431382	0.148
431383	0.068
431384	1.423
431385	0.035
431386	0.761
431387	0.892
431388	0.027
431389	0.164
431390	0.295
431391	0.044
431392	0.090
431393	0.073
431394	0.029
431395	0.155
431396	< 0.005
431397	0.153
431398	0.106
431399	0.744
431400	0.085
431401	0.019

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
431402	0.043
431403	0.012
431404	0.007
431405	0.006
431406	0.006
431407	0.089
431408	0.005
431409	0.011
431410	0.013
431411	< 0.005
431412	0.480
431413	0.007
431414	0.023
431415	0.006
431416	0.026
431417	0.006
431418	0.012
431419	0.008
431420	0.070
431421	0.100
431422	0.054
431423	0.562
431424	< 0.005
431425	0.018
431426	0.019
431427	0.073
431428	0.640
431429	0.150
431430	0.187
431431	0.046
431432	0.070
431433	0.030
431434	0.041
431435	0.028
431436	0.675
431437	0.039
431438	0.023
431439	0.137
431440	0.070
431441	0.031
431442	0.026
431443	0.070
431444	1.110
431445	0.069
431446	0.035
431447	0.053
431448	0.007
431449	0.014
431450	0.018
431451	0.018
431452	0.178

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
431453	0.072
431454	0.086
431455	0.038
431456	0.517
431457	0.024
431458	0.068
431459	0.049
431460	0.174
431461	0.026
431462	0.010
431463	0.044
431464	0.022
431465	0.019
431466	0.160
431467	0.037
431468	0.050
431469	0.163
431470	0.103
431471	0.075
431472	0.009
431473	0.310
431474	0.114
431475	0.121
431476	0.042
431477	0.150
431478	0.021
431479	0.039
431480	0.091
431481	0.166
431482	0.348
431483	0.033
431484	1.444
431485	2.193
431486	0.015
431487	0.074
431488	0.027
431489	0.013
431490	0.014

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.214
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.194
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.240
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.229
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.200
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.521
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.518
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.510
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.492
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.511
Oreas E1336 (Fire Assay) Cert	0.510
431361 Orig	0.013
431361 Dup	0.013
431370 Orig	0.056
431370 Dup	0.062
431380 Orig	0.034
431380 Dup	0.039
431400 Split Orig PREP DUP	0.085
431400 Split PREP DUP	0.066
431401 Orig	0.021
431401 Dup	0.017
431407 Orig	0.088
431407 Dup	0.089
431418 Orig	0.012
431418 Dup	0.012
431421 Orig	0.096

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
431421 Dup	0.104
431437 Orig	0.037
431437 Dup	0.041
431446 Orig	0.035
431446 Dup	0.034
431450 Split Orig PREP DUP	0.018
431450 Split PREP DUP	0.015
431461 Orig	0.027
431461 Dup	0.025
431476 Orig	0.036
431476 Dup	0.049
431486 Orig	0.019
431486 Dup	0.012
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005



Report No.: A21-12307
Report Date: 03-Aug-21
Date Submitted: 30-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

REPORT A21-12307

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433601	0.029								
433602	0.007								
433603	< 0.005								
433604	< 0.005								
433605	< 0.005								
433606	0.010								
433607	0.067								
433608	0.105								
433609	0.072								
433610	0.043								
433611	> 5.000	4.82	5.04	0.33	0.23	0.40	38.88	1480.0	1518.9
433612	0.509								
433613	0.060								
433614	0.027								
433615	0.033								
433616	0.046								
433617	0.029								
433618	0.868								
433619	0.214								
433620	0.102								
433621	0.121								
433622	0.051								
433623	0.021								
433624	< 0.005								
433625	0.039								
433626	0.018								
433627	0.914								
433628	0.023								
433629	0.075								
433630	0.065								
433631	0.011								
433632	0.716								
433633	0.047								
433634	0.005								
433635	0.184								
433636	0.685								
433637	0.127								
433638	1.058								
433639	0.242								
433640	0.051								
433641	1.294								
433642	0.013								
433643	0.102								
433644	0.014								
433645	0.389								
433646	2.281								
433647	0.177								
433648	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433649	0.235								
433650	0.471								
433651	0.036								
433652	0.010								
433653	2.185								
433654	0.033								
433655	0.013								
433656	0.230								
433657	0.040								
433658	0.041								
433659	0.652								
433660	0.183								
433661	0.038								
433662	0.075								
433663	0.079								
433664	0.517								
433665	0.668								
433666	0.010								
433667	0.044								
433668	0.009								
433669	0.053								
433670	0.027								
433671	0.007								
433672	< 0.005								
433673	0.084								
433674	0.018								
433675	< 0.005								
433676	0.116								
433677	0.506								
433678	0.009								
433679	0.032								
433680	0.018								
433681	0.033								
433682	> 5.000	12.4	66.0	0.73	0.82	2.66	44.51	1498.0	1542.5
433683	0.017								
433684	1.514								
433685	0.033								
433686	0.005								
433687	0.866								
433688	0.041								
433689	0.226								
433690	0.046								
433691	< 0.005								
433692	0.106								
433693	0.017								
433694	< 0.005								
433695	< 0.005								
433696	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433697	< 0.005								
433698	< 0.005								
433699	< 0.005								
433700	< 0.005								
433701	< 0.005								
433702	< 0.005								
433703	< 0.005								
433704	0.007								
433705	0.947								
433706	> 5.000	35.1	165	7.90	8.27	12.4	37.80	1340.0	1377.8
433707	0.056								
433708	0.028								
433709	0.012								
433710	0.158								
433711	0.013								
433712	0.518								
433713	0.282								
433714	0.102								
433715	< 0.005								
433716	0.613								
433717	0.010								
433718	0.050								
433719	0.070								
433720	0.082								
433721	0.033								
433722	0.029								
433723	0.083								
433724	0.007								
433725	< 0.005								
433726	0.007								
433727	< 0.005								
433728	0.016								
433729	0.071								
433730	0.086								
433731	< 0.005								
433732	0.056								
433733	0.126								
433734	0.048								
433735	0.018								
433736	0.682								
433737	0.091								
433738	0.413								
433739	0.074								
433740	0.038								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.1				11.8			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas						11.4			
OREAS 229b (Fire Assay) Cert						11.9			
Oreas 237 (Fire Assay) Meas	2.115								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.203								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.205								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.243								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.291								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.301								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.21				8.79			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas						8.32			
OREAS 228b (Fire Assay) Cert						8.57			
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.500								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.527								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.526								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.522								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.524								
Oreas E1336 (Fire Assay) Cert	0.510								
433610 Orig	0.045								
433610 Dup	0.041								
433611 Orig			5.04	0.33	0.23	0.40	38.88	1480.0	1518.9
433620 Orig	0.097								
433620 Dup	0.106								
433630 Orig	0.067								
433630 Dup	0.062								
433645 Orig	0.440								
433645 Dup	0.338								
433650 Split Orig PREP DUP	0.471								
433650 Split PREP DUP	0.400								
433655 Orig	0.018								
433655 Dup	0.009								
433680 Orig	0.013								
433680 Dup	0.023								
433682 Orig			66.0	0.73	0.82	2.66	44.51	1498.0	1542.5
433700 Split Orig PREP DUP	< 0.005								
433700 Split PREP DUP	< 0.005								
433700 Orig	< 0.005								
433700 Dup	< 0.005								
433706 Orig			165	7.90	8.27	12.4	37.80	1340.0	1377.8
433715 Orig	< 0.005								
433715 Dup	0.005								
433725 Orig	< 0.005								
433725 Dup	0.006								
433735 Orig	0.020								
433735 Dup	0.016								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-12308
Report Date: 27-Jul-21
Date Submitted: 30-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

48 Core samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested and Testing Date. Row 1: 1A2-Timmins (ppm) | QOP AA-Au (Au - Fire Assay AA) | 2021-07-25 19:43:09

REPORT A21-12308

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
433741	0.024
433742	0.026
433743	0.023
433744	< 0.005
433745	< 0.005
433746	0.020
433747	0.315
433748	< 0.005
433749	0.010
433750	0.013
433751	0.151
433752	0.044
433753	0.018
433754	0.138
433755	0.038
433756	0.166
433757	0.062
433758	0.103
433759	0.024
433760	0.174
433761	0.378
433762	0.237
433763	0.247
433764	0.588
433765	0.114
433766	0.500
433767	0.550
433768	0.164
433769	0.122
433770	0.127
433771	0.163
433772	< 0.005
433773	0.123
433774	0.148
433775	0.131
433776	0.195
433777	0.262
433778	0.226
433779	0.061
433780	0.199
433781	0.421
433782	0.175
433783	0.203
433784	1.482
433785	0.252
433786	0.193
433787	0.125
433788	0.037

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.162
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.251
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.268
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.508
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.516
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.525
Oreas E1336 (Fire Assay) Cert	0.510
433750 Orig	0.013
433750 Dup	0.013
433770 Orig	0.111
433770 Dup	0.144
433785 Orig	0.255
433785 Dup	0.250
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-10796
 Report Date: 28-Jun-21
 Date Submitted: 11-Jun-21
 Your Reference: GOS-234

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

192 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-06-20 09:57:33
1A3-50-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-06-23 08:19:19
1A4 (100mesh)-Timmins	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-06-25 20:39:34

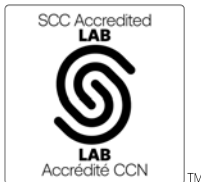
REPORT A21-10796

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438769	0.733								
438770	2.164								
438771	0.597								
438772	< 0.005								
438773	0.551								
438774	0.389								
438775	1.520								
438776	0.805								
438777	0.319								
438778	0.016								
438779	0.182								
438780	0.056								
438781	0.036								
438782	0.114								
438783	0.303								
438784	1.494								
438785	0.123								
438786	0.097								
438787	0.400								
438788	0.219								
438789	0.212								
438790	0.316								
438791	0.317								
438792	0.177								
438793	0.120								
438794	0.563								
438795	0.432								
438796	< 0.005								
438797	0.601								
438798	0.700								
438799	0.090								
438800	0.161								
438801	0.247								
438802	0.555								
438803	0.137								
438804	0.106								
438805	0.171								
438806	0.057								
438807	0.054								
438808	0.307								
438809	0.036								
438810	0.232								
438811	1.496								
438812	0.510								
438813	0.592								
438814	1.448								
438815	0.139								
438816	0.304								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438817	1.014								
438818	0.513								
438819	0.503								
438820	0.449								
438821	0.372								
438822	0.382								
438823	0.358								
438824	< 0.005								
438825	0.011								
438826	0.140								
438827	1.438								
438828	0.575								
438829	0.055								
438830	0.098								
438831	0.135								
438832	0.028								
438833	0.254								
438834	0.370								
438835	0.506								
438836	0.691								
438837	0.448								
438838	0.253								
438839	0.226								
438840	0.497								
438841	0.952								
438842	0.815								
438843	0.605								
438844	0.842								
438845	0.110								
438846	0.906								
438847	0.318								
438848	< 0.005								
438849	0.220								
438850	0.298								
438851	0.494								
438852	0.725								
438853	0.553								
438854	0.214								
438855	0.134								
438856	0.018								
438857	0.006								
438858	0.024								
438859	0.120								
438860	0.181								
438861	0.348								
438862	< 0.005								
438863	0.009								
438864	0.014								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438865	0.170								
438866	0.292								
438867	0.192								
438868	0.627								
438869	0.198								
438870	0.117								
438871	0.166								
438872	< 0.005								
438873	0.123								
438874	0.023								
438875	0.023								
438876	0.070								
438877	0.850								
438878	0.479								
438879	0.443								
438880	0.532								
438881	0.152								
438882	0.353								
438883	1.304								
438884	1.470								
438885	2.143								
438886	1.762								
438887	0.618								
438888	0.694								
438889	1.292								
438890	0.704								
438891	1.623								
438892	0.748								
438893	0.418								
438894	0.546								
438895	0.320								
438896	< 0.005								
438897	1.254								
438898	0.585								
438899	1.489								
438900	2.092								
438901	0.302								
438902	0.324								
438903	0.287								
438904	0.151								
438905	0.055								
438906	0.383								
438907	0.088								
438908	0.185								
438909	0.624								
438910	0.552								
438911	0.268								
438912	0.490								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
438913	0.175								
438914	0.377								
438915	0.416								
438916	0.381								
438917	0.184								
438918	0.072								
438919	0.149								
438920	0.104								
438921	0.529								
438922	0.261								
438923	0.356								
438924	< 0.005								
438925	0.196								
438926	0.203								
438927	0.277								
438928	1.120								
438929	0.031								
438930	0.033								
438931	0.203								
438932	0.156								
438933	0.421								
438934	1.090								
438935	0.301								
438936	0.678								
438937	0.346								
438938	0.135								
438939	1.862								
438940	0.402								
438941	0.150								
438942	0.488								
438943	0.580								
438944	0.792								
438945	0.615								
438946	0.165								
438947	0.376								
438948	< 0.005								
438949	0.874								
438950	0.636								
438951	0.532								
438952	0.489								
438953	0.051								
438954	0.025								
438955	0.026								
438956	> 5.000	11.0	21.5	11.8	9.88	11.7	39.58	459.36	498.94
438957	0.320								
438958	0.570								
438959	0.124								
438960	0.157								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.7				11.9			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.173								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.206								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.254								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.119								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.274								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.285								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.294								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.71				8.59			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
Oreas E1336 (Fire Assay) Meas	0.503								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.514								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.529								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.519								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.517								
Oreas E1336 (Fire Assay) Cert	0.510								
438778 Orig	0.018								
438778 Dup	0.015								
438788 Orig	0.213								
438788 Dup	0.224								
438813 Orig	0.609								
438813 Dup	0.575								
438818 Split Orig PREP DUP	0.513								
438818 Split PREP DUP	0.546								
438823 Orig	0.392								
438823 Dup	0.323								
438833 Orig	0.274								
438833 Dup	0.234								
438858 Orig	0.023								
438858 Dup	0.025								
438868 Split Orig PREP DUP	0.627								
438868 Split PREP DUP	0.566								
438868 Orig	0.672								
438868 Dup	0.581								
438893 Orig	0.428								
438893 Dup	0.407								
438903 Orig	0.276								
438903 Dup	0.299								
438918 Split Orig PREP DUP	0.072								
438918 Split PREP DUP	0.073								
438919 Orig	0.150								
438919 Dup	0.148								
438938 Orig	0.142								
438938 Dup	0.128								
438941 Orig	0.150								
438951 Orig	0.532								
438956 Orig			21.5	11.8	9.88	11.7	39.58	459.36	498.94
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-11241
Report Date: 28-Jun-21
Date Submitted: 17-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

100 Core samples were submitted for analysis.

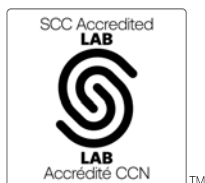
Table with 2 columns: Analytical package(s) requested and Testing Date. Row 1: 1A2-Timmins (ppm), GOP AA-Au (Au - Fire Assay AA), 2021-06-23 07:50:01

REPORT A21-11241

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
438961	0.018
438962	2.367
438963	0.323
438964	0.017
438965	0.018
438966	0.042
438967	0.166
438968	0.011
438969	0.019
438970	0.010
438971	0.084
438972	< 0.005
438973	0.306
438974	0.251
438975	1.012
438976	0.016
438977	0.025
438978	0.011
438979	0.129
438980	0.012
438981	< 0.005
438982	0.168
438983	0.194
438984	1.512
438985	0.016
438986	0.099
438987	0.450
438988	0.850
438989	0.242
438990	0.316
438991	0.194
438992	1.073
438993	0.887
438994	0.881
438995	0.309
438996	0.008
438997	0.610
438998	1.294
438999	0.478
439000	0.415
439001	0.818
439002	0.028
439003	0.104
439004	0.065
439005	0.007
439006	0.007
439007	0.136
439008	0.250
439009	0.274
439010	0.130
439011	1.475

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
439012	0.482
439013	0.502
439014	0.343
439015	1.675
439016	0.096
439017	0.088
439018	0.047
439019	0.027
439020	0.121
439021	0.061
439022	1.178
439023	0.097
439024	< 0.005
439025	0.103
439026	0.169
439027	0.009
439028	0.023
439029	0.011
439030	0.014
439031	0.040
439032	0.529
439033	0.312
439034	0.295
439035	0.236
439036	0.669
439037	0.153
439038	0.073
439039	0.105
439040	0.024
439041	0.131
439042	0.068
439043	0.408
439044	0.585
439045	0.490
439046	0.549
439047	0.107
439048	< 0.005
439049	0.486
439050	0.283
439051	0.066
439052	0.208
439053	0.166
439054	0.088
439055	0.013
439056	0.066
439057	0.183
439058	0.393
439059	0.350
439060	0.176

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.137
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.187
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.311
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.224
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.248
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.508
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.511
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.491
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.515
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.516
Oreas E1336 (Fire Assay) Cert	0.510
438970 Orig	0.007
438970 Dup	0.013
438980 Orig	0.014
438980 Dup	0.009
438990 Orig	0.333
438990 Dup	0.298
439005 Orig	0.008
439005 Dup	0.005
439010 Split Orig PREP DUP	0.130
439010 Split PREP DUP	0.156
439014 Orig	0.321
439014 Dup	0.365
439024 Orig	< 0.005
439024 Dup	0.005
439039 Orig	0.108

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
439039 Dup	0.102
439059 Orig	0.384
439059 Dup	0.316
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-11244
 Report Date: 02-Jul-21
 Date Submitted: 17-Jun-21
 Your Reference: GOS-234

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

60 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-06-23 07:50:01
1A3-50-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-06-25 20:52:23
1A4 (100mesh)-Timmins	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-06-30 17:31:04

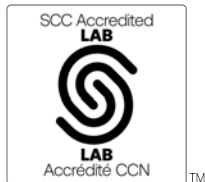
REPORT A21-11244

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439061	0.005								
439062	0.328								
439063	0.170								
439064	0.878								
439065	0.274								
439066	0.490								
439067	1.079								
439068	0.368								
439069	0.293								
439070	0.326								
439071	0.137								
439072	< 0.005								
439073	0.756								
439074	0.322								
439075	0.261								
439076	1.626								
439077	0.883								
439078	0.309								
439079	1.088								
439080	1.515								
439081	> 5.000	25.8	365	12.4	13.2	23.2	49.29	1626.0	1675.3
439082	< 0.005								
439083	0.432								
439084	1.533								
439085	0.176								
439086	0.543								
439087	0.584								
439088	0.372								
439089	0.533								
439090	1.399								
439091	0.760								
439092	0.348								
439093	0.749								
439094	> 5.000	4.61	147	4.08	3.35	6.30	22.91	1250.0	1272.9
439095	1.927								
439096	0.008								
439097	1.183								
439098	0.303								
439099	0.615								
439100	2.011								
439101	0.402								
439102	1.824								
439103	0.438								
439104	1.318								
439105	2.810								
439106	0.693								
439107	1.691								
439108	0.525								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439109	1.282								
439110	1.378								
439111	0.873								
439112	0.504								
439113	0.574								
439114	0.377								
439115	0.442								
439116	0.147								
439117	1.442								
439118	0.585								
439119	0.928								
439120	1.220								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.4				12.0			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.137								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.187								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.292								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.176								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.81				8.63			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
Oreas E1336 (Fire Assay) Meas	0.508								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.511								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.527								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.520								
Oreas E1336 (Fire Assay) Cert	0.510								
439070 Orig	0.325								
439070 Dup	0.328								
439080 Orig	1.478								
439080 Dup	1.552								
439081 Orig			365	12.4	13.2	23.2	49.29	1626.0	1675.3
439090 Orig	1.458								
439090 Dup	1.340								
439094 Orig			147	4.08	3.35	6.30	22.91	1250.0	1272.9
439110 Split Orig PREP DUP	1.378								
439110 Split PREP DUP	1.524								
Method Blank	< 0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-11779
Report Date: 07-Aug-21
Date Submitted: 24-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

130 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s), Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

REPORT A21-11779

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

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TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439121	2.547								
439122	2.222								
439123	1.155								
439124	0.005								
439125	> 5.000	6.40	18.9	0.33	0.63	1.04	40.01	1275.0	1315.0
439126	0.068								
439127	0.688								
439128	0.664								
439129	0.158								
439130	0.382								
439131	0.733								
439132	0.125								
439133	0.152								
439134	0.248								
439135	0.562								
439136	0.663								
439137	0.356								
439138	0.438								
439139	0.925								
439140	0.470								
439141	1.038								
439142	0.333								
439143	0.202								
439144	0.205								
439145	1.188								
439146	0.021								
439147	0.037								
439148	< 0.005								
439149	0.014								
439150	0.010								
439151	0.748								
439152	0.269								
439153	0.243								
439154	1.514								
439155	0.159								
439156	0.082								
439157	0.102								
439158	0.224								
439159	0.195								
439160	0.179								
439161	1.237								
439162	0.122								
439163	0.310								
439164	0.086								
439165	0.640								
439166	0.531								
439167	1.066								
439168	0.155								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439169	0.734								
439170	0.893								
439171	0.866								
439172	< 0.005								
439173	0.897								
439174	0.728								
439175	0.154								
439176	0.453								
439177	1.366								
439178	2.016								
439179	1.525								
439180	3.631	3.47							
439181	0.824								
439182	0.212								
439183	> 5.000	5.18	35.6	2.01	2.22	2.88	28.25	1201.0	1229.3
439184	1.411								
439185	0.516								
439186	0.009								
439187	0.010								
439188	0.105								
439189	0.176								
439190	0.199								
439191	0.475								
439192	0.897								
439193	1.766								
439194	0.424								
439195	0.212								
439196	< 0.005								
439197	1.112								
439198	1.048								
439199	2.499								
439200	3.886	3.48							
439201	1.257								
439202	0.394								
439203	0.664								
439204	0.340								
439205	0.466								
439206	0.538								
439207	4.336	3.85							
439208	0.863								
439209	1.081								
439210	1.289								
439211	0.910								
439212	0.499								
439213	0.521								
439214	1.054								
439215	0.679								
439216	0.444								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439217	0.438								
439218	2.253								
439219	1.934								
439220	1.032								
439221	0.835								
439222	0.629								
439223	0.011								
439224	< 0.005								
439225	0.009								
439226	0.050								
439227	0.846								
439228	> 5.000	6.14	1.08	4.07	5.49	4.75	12.37	1488.0	1500.4
439229	< 0.005								
439230	2.434								
439231	< 0.005								
439232	1.597								
439233	2.847								
439234	< 0.005								
439235	0.005								
439236	0.664								
439237	0.009								
439238	0.545								
439239	> 5.000	9.65	41.9	8.64	7.36	9.33	43.27	1057.0	1100.3
439240	1.803								
439241	0.511								
439242	0.389								
439243	0.351								
439244	0.277								
439245	0.763								
439246	0.216								
439247	0.621								
439248	< 0.005								
439249	1.504								
439250	0.538								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.0				11.9			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		11.6				11.7			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		11.4							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire Assay) Meas	2.162								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.257								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.246								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.227								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.207								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.216								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.68				8.49			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.38				8.39			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.22							
OREAS 228b (Fire Assay) Cert		8.57							
Oreas E1336 (Fire Assay) Meas	0.505								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.520								
Oreas E1336 (Fire Assay) Meas	0.510								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.517								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.512								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.519								
Oreas E1336 (Fire Assay) Cert	0.510								
439125 Orig			18.9	0.33	0.63	1.04	40.01	1275.0	1315.0
439130 Orig	0.376								
439130 Dup	0.387								
439140 Orig	0.456								
439140 Dup	0.483								
439150 Orig	0.012								
439150 Dup	0.007								
439165 Orig	0.607								
439165 Dup	0.672								
439170 Split Orig PREP DUP	0.893								
439170 Split PREP DUP	0.783								
439174 Orig	0.745								
439174 Dup	0.711								
439183 Orig			35.6	2.01	2.22	2.88	28.25	1201.0	1229.3
439185 Orig	0.538								
439185 Dup	0.494								
439199 Orig	2.317								
439199 Dup	2.681								
439209 Orig	1.152								
439209 Dup	1.010								
439219 Orig	1.971								
439219 Dup	1.898								
439220 Split Orig PREP DUP	1.032								
439220 Split PREP DUP	1.168								
439228 Orig			1.08	4.07	5.49	4.75	12.37	1488.0	1500.4
439233 Orig	2.847								
439239 Orig			41.9	8.64	7.36	9.33	43.27	1057.0	1100.3
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-12310
Report Date: 28-Jul-21
Date Submitted: 30-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

138 Core samples were submitted for analysis.

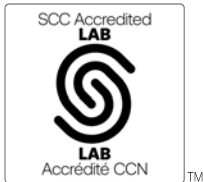
Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A2-Timmins (ppm) and 1A3-50-Timmins.

REPORT A21-12310

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
440973	< 0.005	
440974	0.013	
440975	0.016	
440976	0.752	
440977	0.830	
440978	0.330	
440979	0.134	
440980	0.025	
440981	0.029	
440982	0.057	
440983	0.073	
440984	1.535	
440985	0.046	
440986	0.051	
440987	0.012	
440988	0.054	
440989	0.054	
440990	0.042	
440991	0.221	
440992	0.184	
440993	0.138	
440994	0.137	
440995	0.060	
440996	0.008	
440997	0.274	
440998	0.912	
440999	0.147	
441000	0.064	
434001	0.230	
434002	3.900	3.49
434003	0.037	
434004	0.173	
434005	0.041	
434006	0.309	
434007	0.104	
434008	0.283	
434009	0.107	
434010	4.033	3.21
434011	0.070	
434012	0.515	
434013	0.055	
434014	0.302	
434015	1.271	
434016	0.176	
434017	0.130	
434018	0.226	
434019	0.315	
434020	0.145	
434021	0.328	
434022	0.048	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
434023	0.097	
434024	< 0.005	
434025	< 0.005	
434026	1.582	
434027	0.013	
434028	0.017	
434029	0.136	
434030	0.072	
434031	2.180	
434032	1.005	
434033	1.401	
434034	0.011	
434035	0.024	
434036	0.696	
434037	0.035	
434038	0.195	
434039	0.050	
434040	0.163	
434041	0.024	
434042	0.013	
434043	0.007	
434044	0.037	
434045	0.013	
434046	0.091	
434047	0.579	
434048	0.006	
434049	0.048	
434050	0.055	
434051	0.011	
434052	< 0.005	
434053	0.006	
434054	0.005	
434055	0.015	
434056	0.017	
434057	0.966	
434058	0.018	
434059	0.021	
434060	0.182	
434061	0.008	
434062	< 0.005	
434063	0.068	
434064	0.018	
434065	0.214	
434066	0.428	
434067	0.372	
434068	0.043	
434069	0.091	
434070	0.178	
434071	0.120	
434072	0.006	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
434073	0.056	
434074	0.263	
434075	0.042	
434076	0.011	
434077	0.015	
434078	0.013	
434079	0.055	
434080	0.115	
434081	0.192	
434082	0.288	
434083	0.402	
434084	1.504	
434085	0.017	
434086	0.358	
434087	0.263	
434088	0.108	
434089	0.465	
434090	0.296	
434091	0.241	
434092	0.305	
434093	0.133	
434094	0.032	
434095	0.115	
434096	< 0.005	
434097	0.092	
434098	0.094	
434099	0.059	
434100	0.069	
434101	0.379	
434102	0.161	
434103	0.214	
434104	0.264	
434105	0.080	
434106	0.108	
434107	0.138	
434108	0.169	
434109	0.101	
434110	0.146	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 229b (Fire Assay) Meas		11.9
OREAS 229b (Fire Assay) Cert		11.9
Oreas 237 (Fire Assay) Meas	2.305	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.305	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.242	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.248	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.277	
Oreas 237 (Fire Assay) Cert	2.21	
OREAS 228b (Fire Assay) Meas		8.23
OREAS 228b (Fire Assay) Cert		8.57
Oreas E1336 (Fire Assay) Meas	0.524	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.522	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.527	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.528	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.519	
Oreas E1336 (Fire Assay) Cert	0.510	
440992 Orig	0.189	
440992 Dup	0.179	
434002 Orig	3.962	
434002 Dup	3.839	
434017 Orig	0.128	
434017 Dup	0.131	
434022 Split Orig PREP DUP	0.048	
434022 Split	0.046	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
PREP DUP		
434037 Orig	0.026	
434037 Dup	0.043	
434052 Orig	0.007	
434052 Dup	< 0.005	
434062 Orig	0.007	
434062 Dup	< 0.005	
434072 Split Orig	0.006	
PREP DUP		
434072 Split	0.005	
PREP DUP		
434072 Orig	0.006	
434072 Dup	0.006	
434087 Orig	0.265	
434087 Dup	0.262	
434097 Orig	0.085	
434097 Dup	0.099	
434107 Orig	0.140	
434107 Dup	0.135	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02



Report No.: A21-12328
Report Date: 01-Aug-21
Date Submitted: 30-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

90 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s), Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

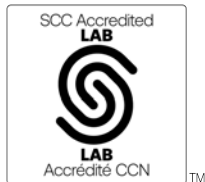
REPORT A21-12328

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
434111	0.068								
434112	0.486								
434113	0.183								
434114	0.123								
434115	0.080								
434116	0.022								
434117	0.098								
434118	0.013								
434119	0.585								
434120	0.311								
434121	> 5.000	12.4	28.3	10.3	11.6	11.2	44.50	2610.0	2654.5
434122	0.087								
434123	0.046								
434124	0.011								
434125	0.043								
434126	0.028								
434127	0.082								
434128	0.029								
434129	0.095								
434130	0.228								
434131	0.729								
434132	0.039								
434133	0.087								
434134	0.109								
434135	0.015								
434136	0.652								
434137	0.009								
434138	0.038								
434139	0.021								
434140	0.022								
434141	0.015								
434142	0.091								
434143	0.074								
434144	0.113								
434145	0.006								
434146	0.058								
434147	0.008								
434148	< 0.005								
434149	0.008								
434150	0.011								
434151	0.007								
434152	0.187								
434153	0.045								
434154	0.029								
434155	> 5.000	22.6	239	3.10	2.89	8.51	40.01	1675.0	1715.0
434156	0.313								
434157	0.118								
434158	0.159								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
434159	0.084								
434160	0.182								
434161	0.062								
434162	0.177								
434163	0.046								
434164	0.007								
434165	0.014								
434166	0.072								
434167	0.495								
434168	0.121								
434169	0.057								
434170	0.092								
434171	0.051								
434172	< 0.005								
434173	0.014								
434174	0.006								
434175	< 0.005								
434176	< 0.005								
434177	< 0.005								
434178	< 0.005								
434179	< 0.005								
434180	< 0.005								
434181	0.038								
434182	0.141								
434183	0.053								
434184	1.510								
434185	0.021								
434186	0.035								
434187	0.139								
434188	0.048								
434189	0.044								
434190	0.035								
434191	< 0.005								
434192	0.030								
434193	0.355								
434194	0.878								
434195	0.245								
434196	< 0.005								
434197	0.105								
434198	0.120								
434199	0.030								
434200	0.007								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.4				11.8			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		11.9				11.4			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.283								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.252								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.246								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.37				8.79			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.58				8.32			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
Oreas E1336 (Fire Assay) Meas	0.514								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.524								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
434120 Orig	0.261								
434120 Dup	0.361								
434121 Orig			28.3	10.3	11.6	11.2	44.50	2610.0	2654.5
434130 Orig	0.224								
434130 Dup	0.232								
434140 Orig	0.022								
434140 Dup	0.022								
434155 Orig	> 5.000		239	3.10	2.89	8.51	40.01	1675.0	1715.0
434155 Dup	> 5.000								
434161 Split Orig PREP DUP	0.062								
434161 Split PREP DUP	0.061								
434165 Orig	0.019								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
434165 Dup	0.010								
434175 Orig	< 0.005								
434175 Dup	< 0.005								
434190 Orig	0.034								
434190 Dup	0.036								
434200 Orig	0.006								
434200 Dup	0.009								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank		< 0.02							
Method Blank		< 0.02							



Report No.: A21-12736
Report Date: 04-Aug-21
Date Submitted: 02-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 3 columns: Analytical package requested, Test description, and Testing Date. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

REPORT A21-12736

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
434201	0.011								
434202	0.032								
434203	0.475								
434204	0.058								
434205	0.007								
434206	0.048								
434207	0.070								
434208	0.158								
434209	0.123								
434210	0.155								
434211	0.225								
434212	0.461								
434213	0.086								
434214	0.189								
434215	0.064								
434216	0.214								
434217	0.068								
434218	0.096								
434219	1.184								
434220	0.093								
434221	0.167								
434222	0.113								
434223	0.028								
434224	< 0.005								
434225	0.034								
434226	0.077								
434227	0.199								
434228	0.055								
434229	0.215								
434230	0.087								
434231	0.111								
434232	0.365								
434233	0.202								
434234	0.193								
434235	0.088								
434236	0.638								
434237	0.158								
434238	0.186								
434239	0.224								
434240	0.075								
434241	0.314								
434242	0.233								
434243	0.432								
434244	0.145								
434245	0.119								
434246	0.256								
434247	0.316								
434248	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
434249	0.290								
434250	0.157								
434251	0.176								
434252	0.040								
434253	0.240								
434254	0.104								
434255	0.532								
434256	0.067								
434257	0.618								
434258	0.052								
434259	0.141								
434260	0.174								
434261	1.001								
434262	0.155								
434263	0.430								
434264	0.586								
434265	0.258								
434266	0.803								
434267	1.389								
434268	0.132								
434269	0.420								
434270	0.528								
434271	0.185								
434272	< 0.005								
434273	2.591								
434274	1.912								
434275	0.815								
434276	0.195								
434277	1.078								
434278	0.312								
434279	0.119								
434280	0.219								
434281	0.067								
434282	0.124								
434283	0.377								
434284	1.470								
434285	0.235								
434286	> 5.000	19.1	5990	17.2	16.9	19.5	0.7500	1861.0	1861.8
434287	> 5.000	5.58	23.4	5.66	5.41	5.60	7.150	1980.0	1987.2
434288	1.159								
434289	0.569								
434290	0.930								
434291	0.163								
434292	0.005								
434293	0.005								
434294	0.018								
434295	0.295								
434296	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
434297	0.753								
434298	0.347								
434299	0.277								
434300	0.459								
434301	0.494								
434302	0.092								
434303	0.006								
434304	0.014								
434305	0.023								
434306	0.028								
434307	0.120								
434308	0.036								
434309	0.022								
434310	< 0.005								
434311	0.512								
434312	0.458								
434313	0.025								
434314	0.024								
434315	0.025								
434316	0.032								
434317	0.205								
434318	0.059								
434319	0.076								
434320	0.082								
434321	0.196								
434322	0.463								
434323	0.237								
434324	< 0.005								
434325	0.373								
434326	0.500								
434327	0.059								
434328	0.194								
434329	0.031								
434330	0.027								
434331	0.088								
434332	0.019								
434333	0.059								
434334	0.049								
434335	0.017								
434336	0.663								
434337	0.273								
434338	0.323								
434339	1.162								
434340	0.222								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.4				12.1			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.162								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.257								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.194								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.172								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.122								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.239								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.108								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.22				8.68			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
Oreas E1336 (Fire Assay) Meas	0.505								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.520								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Meas	0.510								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.494								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.503								
Oreas E1336 (Fire Assay) Cert	0.510								
434210 Orig	0.169								
434210 Dup	0.141								
434220 Orig	0.092								
434220 Dup	0.094								
434230 Orig	0.077								
434230 Dup	0.097								
434250 Split Orig PREP DUP	0.157								
434250 Split PREP DUP	0.241								
434251 Orig	0.151								
434251 Dup	0.201								
434257 Orig	0.575								
434257 Dup	0.660								
434258 Orig	0.041								
434258 Dup	0.062								
434268 Orig	0.139								
434268 Dup	0.125								
434271 Orig	0.158								
434271 Dup	0.211								
434286 Orig	> 5.000		5990	17.2	16.9	19.5	0.7500	1861.0	1861.8
434286 Dup	> 5.000								
434287 Orig			23.4	5.66	5.41	5.60	7.150	1980.0	1987.2
434296 Orig	< 0.005								
434296 Dup	< 0.005								
434300 Split Orig PREP DUP	0.459								
434300 Split PREP DUP	0.458								
434311 Orig	0.483								
434311 Dup	0.540								
434326 Orig	0.503								
434326 Dup	0.497								
434337 Orig	0.271								
434337 Dup	0.276								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-12737
 Report Date: 30-Jul-21
 Date Submitted: 07-Jul-21
 Your Reference: GOS-234

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

86 Core samples were submitted for analysis.

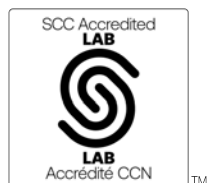
The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	GOP AA-Au (Au - Fire Assay AA)	2021-07-29 13:19:38

REPORT **A21-12737**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
434341	0.046
434342	0.007
434343	< 0.005
434344	0.139
434345	0.188
434346	0.021
434347	0.011
434348	< 0.005
434349	0.010
434350	0.008
434351	0.069
434352	0.249
434353	0.065
434354	0.055
434355	0.016
434356	0.160
434357	0.030
434358	0.244
434359	0.090
434360	0.170
434361	0.051
434362	0.130
434363	0.077
434364	0.019
434365	0.037
434366	0.026
434367	0.530
434368	0.037
434369	0.020
434370	0.044
434371	0.029
434372	< 0.005
434373	< 0.005
434374	0.105
434375	0.340
434376	0.032
434377	< 0.005
434378	< 0.005
434379	0.007
434380	0.052
434381	0.089
434382	0.123
434383	0.129
434384	1.483
434385	0.006
434386	0.005
434387	< 0.005
434388	0.352
434389	0.009
434390	0.110
434391	0.014

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
434392	0.513
434393	0.016
434394	< 0.005
434395	< 0.005
434396	< 0.005
434397	0.129
434398	0.292
434399	0.095
434400	0.473
434401	0.148
434402	0.124
434403	0.248
434404	0.468
434405	0.526
434406	0.939
434407	0.478
434408	0.005
434409	0.090
434410	0.159
434411	0.013
434412	0.469
434413	0.013
434414	0.008
434415	0.030
434416	0.082
434417	0.355
434418	0.061
434419	0.260
434420	0.151
434421	0.252
434422	0.005
434423	0.007
434424	< 0.005
434425	0.006
434426	< 0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.271
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.192
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.179
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.123
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.143
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.527
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.494
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.499
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.498
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.515
Oreas E1336 (Fire Assay) Cert	0.510
434347 Orig	0.011
434347 Dup	0.011
434357 Orig	0.031
434357 Dup	0.029
434367 Orig	0.559
434367 Dup	0.502
434387 Orig	< 0.005
434387 Dup	< 0.005
434390 Split Orig PREP DUP	0.110
434390 Split PREP DUP	0.137
434396 Orig	< 0.005
434396 Dup	< 0.005
434411 Orig	0.012
434411 Dup	0.014
434426 Orig	0.010

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
434426 Dup	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-12738
Report Date: 30-Jul-21
Date Submitted: 02-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

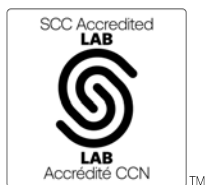
Table with 2 columns: Analytical package(s) requested, Testing Date. Row 1: 1A2-Timmins (ppm), QOP AA-Au (Au - Fire Assay AA), 2021-07-29 10:25:47

REPORT A21-12738

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
436001	0.169
436002	0.011
436003	0.037
436004	0.120
436005	0.040
436006	0.090
436007	0.053
436008	0.101
436009	0.098
436010	0.167
436011	0.048
436012	0.467
436013	0.082
436014	0.047
436015	0.051
436016	0.068
436017	0.054
436018	0.088
436019	0.166
436020	< 0.005
436021	0.228
436022	0.094
436023	0.146
436024	< 0.005
436025	0.302
436026	0.035
436027	0.068
436028	0.248
436029	0.043
436030	0.081
436031	0.123
436032	0.138
436033	0.156
436034	0.042
436035	0.041
436036	0.650
436037	0.032
436038	0.026
436039	0.658
436040	0.805
436041	0.070
436042	0.154
436043	0.118
436044	0.099
436045	0.118
436046	0.158
436047	0.102
436048	< 0.005
436049	0.147
436050	0.104
436051	0.159

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
436052	0.033
436053	0.037
436054	0.062
436055	0.068
436056	0.017
436057	0.021
436058	0.037
436059	0.033
436060	0.168
436061	0.011
436062	0.020
436063	0.053
436064	0.076
436065	0.018
436066	0.042
436067	0.137
436068	0.025
436069	0.030
436070	< 0.005
436071	< 0.005
436072	< 0.005
436073	0.083
436074	0.284
436075	0.255
436076	0.216
436077	0.066
436078	0.150
436079	0.029
436080	0.721
436081	0.041
436082	0.335
436083	1.063
436084	1.472
436085	0.492
436086	0.429
436087	1.381
436088	0.140
436089	0.097
436090	0.012
436091	0.021
436092	0.041
436093	0.111
436094	0.123
436095	0.073
436096	< 0.005
436097	0.094
436098	0.104
436099	0.088
436100	0.298
436101	0.045
436102	0.035

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
436103	0.221
436104	0.047
436105	0.047
436106	0.042
436107	0.111
436108	0.008
436109	0.022
436110	0.024
436111	0.005
436112	0.476
436113	0.012
436114	0.042
436115	0.010
436116	0.005
436117	0.005
436118	0.033
436119	0.023
436120	0.028
436121	0.031
436122	0.026
436123	0.024
436124	< 0.005
436125	0.068
436126	0.314
436127	0.241
436128	0.089
436129	0.041
436130	0.052
436131	0.029
436132	0.080
436133	0.042
436134	0.011
436135	< 0.005
436136	0.645
436137	0.039
436138	0.055
436139	0.030
436140	0.029

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.271
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.192
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.139
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.198
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.285
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.206
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.132
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.527
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.494
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.498
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.497
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.507
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.490
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.492
Oreas E1336 (Fire Assay) Cert	0.510
436009 Orig	0.077
436009 Dup	0.119



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-12740
 Report Date: 05-Aug-21
 Date Submitted: 02-Jul-21
 Your Reference: GOS-234

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

58 Core samples were submitted for analysis.

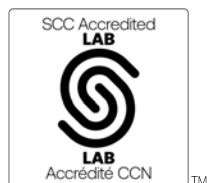
The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-07-30 07:21:41

REPORT **A21-12740**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Eseme, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
436141	0.029
436142	0.012
436143	0.029
436144	0.070
436145	0.154
436146	0.228
436147	0.105
436148	< 0.005
436149	0.043
436150	0.041
436151	0.011
436152	0.015
436153	0.011
436154	0.029
436155	0.041
436156	0.042
436157	0.025
436158	0.056
436159	0.013
436160	0.174
436161	0.149
436162	0.038
436163	0.041
436164	< 0.005
436165	< 0.005
436166	0.109
436167	0.155
436168	1.669
436169	0.706
436170	0.256
436171	0.130
436172	< 0.005
436173	0.065
436174	0.041
436175	0.117
436176	0.034
436177	0.029
436178	0.087
436179	0.085
436180	0.091
436181	0.061
436182	0.079
436183	0.057
436184	1.464
436185	0.163
436186	0.055
436187	0.036
436188	0.124
436189	0.191
436190	0.198
436191	0.367

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
436192	0.866
436193	0.041
436194	0.128
436195	0.119
436196	< 0.005
436197	0.095
436198	0.040

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.153
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.290
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.265
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.220
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.510
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.513
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.503
Oreas E1336 (Fire Assay) Cert	0.510
436149 Orig	0.043
436149 Dup	0.043
436159 Orig	0.011
436159 Dup	0.015
436168 Orig	1.669
436176 Orig	0.030
436176 Dup	0.037
436188 Orig	0.132
436188 Dup	0.117
436190 Split Orig PREP DUP	0.198
436190 Split PREP DUP	0.296
436197 Orig	0.109
436197 Dup	0.081
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-12757
Report Date: 05-Aug-21
Date Submitted: 07-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

102 Core samples were submitted for analysis.

Table with 3 columns: Analytical package requested, Method, and Testing Date. Rows include 1A2-Timmins (ppm) and 1A3-50-Timmins.

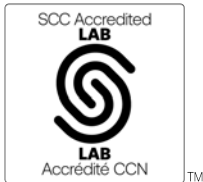
REPORT A21-12757

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Footnote: Sample 436292 is now insufficient for Screen Metallic.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
436199	0.049	
436200	0.043	
436201	0.025	
436202	0.378	
436203	0.106	
436204	0.210	
436205	0.048	
436206	0.171	
436207	0.110	
436208	0.039	
436209	0.103	
436210	0.083	
436211	0.039	
436212	0.486	
436213	0.345	
436214	0.025	
436215	0.089	
436216	0.289	
436217	0.148	
436218	0.068	
436219	0.126	
436220	0.039	
436221	0.055	
436222	0.056	
436223	0.154	
436224	< 0.005	
436225	0.423	
436226	0.115	
436227	0.229	
436228	0.144	
436229	0.092	
436230	0.112	
436231	0.297	
436232	0.540	
436233	0.602	
436234	0.299	
436235	0.065	
436236	0.660	
436237	0.149	
436238	0.197	
436239	0.223	
436240	0.019	
436241	0.125	
436242	0.073	
436243	0.627	
436244	0.205	
436245	0.738	
436246	0.358	
436247	0.074	
436248	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
436249	0.096	
436250	0.384	
436251	0.194	
436252	0.245	
436253	0.281	
436254	0.036	
436255	0.146	
436256	0.182	
436257	0.172	
436258	0.074	
436259	0.084	
436260	0.170	
436261	0.485	
436262	0.203	
436263	0.298	
436264	0.182	
436265	0.145	
436266	0.163	
436267	0.278	
436268	1.376	
436269	0.373	
436270	0.018	
436271	0.117	
436272	< 0.005	
436273	0.088	
436274	0.021	
436275	0.247	
436276	0.910	
436277	0.743	
436278	0.130	
436279	0.098	
436280	0.077	
436281	0.091	
436282	0.318	
436283	0.113	
436284	1.431	
436285	0.190	
436286	0.737	
436287	0.126	
436288	0.226	
436289	0.192	
436290	0.559	
436291	0.714	
436292	> 5.000	7.71
436293	0.394	
436294	0.081	
436295	0.103	
436296	< 0.005	
436297	0.231	
436298	0.193	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
436299	0.184	
436300	0.155	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 229b (Fire Assay) Meas		11.6
OREAS 229b (Fire Assay) Cert		11.9
Oreas 237 (Fire Assay) Meas	2.167	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.215	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.183	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.180	
Oreas 237 (Fire Assay) Cert	2.21	
OREAS 228b (Fire Assay) Meas		8.38
OREAS 228b (Fire Assay) Cert		8.57
Oreas E1336 (Fire Assay) Meas	0.504	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.505	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.507	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.504	
Oreas E1336 (Fire Assay) Cert	0.510	
436208 Orig	0.043	
436208 Dup	0.034	
436218 Orig	0.064	
436218 Dup	0.071	
436228 Orig	0.152	
436228 Dup	0.136	
436248 Split Orig PREP DUP	< 0.005	
436248 Split PREP DUP	< 0.005	
436248 Orig	< 0.005	
436248 Dup	< 0.005	
436255 Orig	0.150	
436255 Dup	0.141	
436266 Orig	0.191	
436266 Dup	0.135	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
436269 Orig	0.423	
436269 Dup	0.322	
436285 Orig	0.159	
436285 Dup	0.222	
436298 Split Orig PREP DUP	0.193	
436298 Split PREP DUP	0.145	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.006	
Method Blank		< 0.02
Method Blank		< 0.02



Report No.: A21-13691
Report Date: 05-Aug-21
Date Submitted: 15-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

100 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s), Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

REPORT A21-13691

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436301	0.174								
436302	0.218								
436303	0.250								
436304	0.175								
436305	0.103								
436306	0.571								
436307	0.067								
436308	0.329								
436309	0.203								
436310	0.553								
436311	0.033								
436312	0.492								
436313	1.018								
436314	0.241								
436315	0.084								
436316	0.286								
436317	0.299								
436318	3.271	3.02							
436319	0.488								
436320	0.392								
436321	0.679								
436322	0.910								
436323	0.955								
436324	< 0.005								
436325	0.412								
436326	0.401								
436327	0.415								
436328	0.137								
436329	0.277								
436330	0.299								
436331	1.300								
436332	0.244								
436333	0.100								
436334	0.199								
436335	0.073								
436336	0.687								
436337	0.377								
436338	0.392								
436339	0.370								
436340	1.283								
436341	0.221								
436342	0.041								
436343	1.270								
436344	0.266								
436345	0.161								
436346	0.505								
436347	0.038								
436348	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436349	0.101								
436350	0.069								
436351	0.101								
436352	0.183								
436353	0.082								
436354	0.184								
436355	0.314								
436356	0.109								
436357	0.485								
436358	0.720								
436359	0.406								
436360	0.178								
436361	0.603								
436362	0.879								
436363	0.387								
436364	0.448								
436365	0.930								
436366	0.406								
436367	0.320								
436368	0.289								
436369	0.248								
436370	0.274								
436371	0.931								
436372	0.007								
436373	0.048								
436374	0.624								
436375	0.227								
436376	0.347								
436377	0.101								
436378	0.183								
436379	0.264								
436380	0.745								
436381	0.271								
436382	0.282								
436383	0.348								
436384	1.472								
436385	0.176								
436386	0.289								
436387	0.901								
436388	0.216								
436389	> 5.000	17.8	123	10.3	9.76	12.7	45.21	1846.0	1891.2
436390	> 5.000	6.22	59.1	5.10	4.86	6.32	38.75	1527.0	1565.8
436391	0.152								
436392	1.601								
436393	0.875								
436394	0.352								
436395	0.059								
436396	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436397	0.534								
436398	0.156								
436399	0.069								
436400	0.035								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.4				11.9			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas						11.9			
OREAS 229b (Fire Assay) Cert						11.9			
Oreas 237 (Fire Assay) Meas	2.221								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.199								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.266								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.196								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.134								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas	> 5.000	8.21				8.50			
OREAS 228b (Fire Assay) Cert	8.57	8.57				8.57			
OREAS 228b (Fire Assay) Meas						8.53			
OREAS 228b (Fire Assay) Cert						8.57			
Oreas E1336 (Fire Assay) Meas	0.505								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.517								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.512								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.524								
Oreas E1336 (Fire Assay) Cert	0.510								
436303 Orig	0.249								
436303 Dup	0.250								
436314 Orig	0.265								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436314 Dup	0.216								
436324 Orig	0.006								
436324 Dup	< 0.005								
436344 Orig	0.243								
436344 Dup	0.288								
436350 Split Orig PREP DUP	0.069								
436350 Split PREP DUP	0.072								
436353 Orig	0.073								
436353 Dup	0.090								
436363 Orig	0.363								
436363 Dup	0.411								
436385 Orig	0.183								
436385 Dup	0.169								
436389 Orig			123	10.3	9.76	12.7	45.21	1846.0	1891.2
436390 Orig			59.1	5.10	4.86	6.32	38.75	1527.0	1565.8
436394 Orig	0.363								
436394 Dup	0.341								
436400 Split Orig PREP DUP	0.035								
436400 Split PREP DUP	0.026								
436400 Split PREP DUP	0.026								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	0.006								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-13692
Report Date: 05-Aug-21
Date Submitted: 15-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

91 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

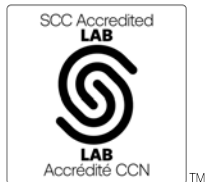
REPORT A21-13692

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

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1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436401	0.022								
436402	0.036								
436403	0.196								
436404	0.320								
436405	0.398								
436406	0.873								
436407	0.403								
436408	0.115								
436409	0.125								
436410	0.293								
436411	0.164								
436412	0.500								
436413	0.583								
436414	0.843								
436415	0.751								
436416	1.017								
436417	0.641								
436418	0.627								
436419	0.370								
436420	1.212								
436421	0.454								
436422	0.740								
436423	0.280								
436424	< 0.005								
436425	0.607								
436426	1.880								
436427	0.493								
436428	0.263								
436429	4.349	4.24							
436430	1.479								
436431	0.701								
436432	0.618								
436433	1.566								
436434	1.024								
436435	1.617								
436436	0.684								
436437	0.311								
436438	3.845	3.46							
436439	1.406								
436440	2.283								
436441	0.281								
436442	1.131								
436443	0.016								
436444	1.308								
436445	4.528	4.38							
436446	0.505								
436447	0.785								
436448	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
436449	0.356								
436450	0.358								
436451	2.981								
436452	0.659								
436453	1.046								
436454	0.537								
436455	0.571								
436456	1.397								
436457	1.311								
436458	1.187								
436459	> 5.000	9.10	27.6	3.10	2.81	3.75	65.46	1965.0	2030.5
436460	0.170								
436461	2.191								
436462	0.415								
436463	1.146								
436464	2.723								
436465	0.060								
436466	0.659								
436467	0.255								
436468	0.994								
436469	0.762								
436470	1.008								
436471	1.105								
436472	0.005								
436473	0.331								
436474	0.247								
436475	0.120								
436476	0.255								
436477	0.282								
436478	1.092								
436479	2.711								
436480	3.712	3.77							
436481	0.523								
436482	0.407								
436483	0.727								
436484	1.463								
436485	1.952								
436486	0.333								
436487	0.605								
436488	0.297								
436489	0.253								
436490	0.172								
436491	0.131								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.8				11.9			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas						11.9			
OREAS 229b (Fire Assay) Cert						11.9			
Oreas 237 (Fire Assay) Meas	2.238								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.260								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.275								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.253								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.214								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.56				8.50			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas						8.53			
OREAS 228b (Fire Assay) Cert						8.57			
Oreas E1336 (Fire Assay) Meas	0.519								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.495								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.528								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
436409 Orig	0.113								
436409 Dup	0.137								
436429 Orig	4.667								
436429 Dup	4.031								
436448 Orig	0.006								
436448 Dup	< 0.005								
436450 Split Orig PREP DUP	0.358								
436450 Split PREP DUP	0.347								
436457 Orig	1.146								
436457 Dup	1.476								
436459 Orig			27.6	3.10	2.81	3.75	65.46	1965.0	2030.5
436478 Orig	1.158								
436478 Dup	1.025								
436482 Orig	0.462								
436482 Dup	0.353								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-11782
Report Date: 29-Jul-21
Date Submitted: 24-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

134 Core samples were submitted for analysis.

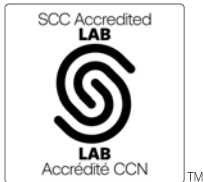
Table with 3 columns: Analytical package requested, Method, and Testing Date. Rows include 1A2-Timmins (ppm) and 1A3-50-Timmins.

REPORT A21-11782

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

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1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

[Handwritten signature]

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
434427	1.018	
434428	0.201	
434429	0.077	
434430	0.009	
434431	0.082	
434432	0.644	
434433	0.082	
434434	< 0.005	
434435	< 0.005	
434436	0.670	
434437	0.209	
434438	< 0.005	
434439	< 0.005	
434440	< 0.005	
434441	< 0.005	
434442	< 0.005	
434443	0.030	
434444	< 0.005	
434445	0.097	
434446	0.039	
434447	0.498	
434448	< 0.005	
434449	0.407	
434450	0.620	
434451	0.090	
434452	0.011	
434453	0.015	
434454	0.008	
434455	0.010	
434456	< 0.005	
434457	0.008	
434458	0.033	
434459	0.051	
434460	0.186	
434461	0.305	
434462	0.157	
434463	0.206	
434464	0.456	
434465	0.032	
434466	0.035	
434467	0.005	
434468	0.055	
434469	< 0.005	
434470	< 0.005	
434471	0.005	
434472	< 0.005	
434473	0.498	
434474	0.005	
434475	0.027	
434476	0.012	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
434477	0.032	
434478	0.154	
434479	0.339	
434480	0.310	
434481	0.059	
434482	0.058	
434483	0.487	
434484	1.497	
434485	0.372	
434486	0.201	
434487	0.046	
434488	0.075	
434489	0.006	
434490	0.011	
434491	0.011	
434492	0.007	
434493	0.007	
434494	0.048	
434495	0.039	
434496	< 0.005	
434497	0.054	
434498	0.087	
434499	0.291	
434500	0.022	
434501	0.031	
434502	0.071	
434503	0.057	
434504	0.104	
434505	0.230	
434506	0.024	
434507	0.110	
434508	0.239	
434509	1.061	
434510	1.085	
434511	0.869	
434512	0.506	
434513	0.799	
434514	0.485	
434515	0.194	
434516	0.333	
434517	0.332	
434518	0.547	
434519	0.502	
434520	0.739	
434521	0.370	
434522	0.062	
434523	0.773	
434524	< 0.005	
434525	2.559	
434526	0.790	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
434527	0.605	
434528	0.622	
434529	4.312	4.22
434530	1.765	
434531	0.379	
434532	0.464	
434533	1.177	
434534	0.107	
434535	1.780	
434536	0.684	
434537	0.690	
434538	1.045	
434539	0.744	
434540	0.130	
434541	0.779	
434542	0.777	
434543	0.752	
434544	0.258	
434545	0.131	
434546	0.949	
434547	2.026	
434548	< 0.005	
434549	2.132	
434550	2.348	
434551	0.006	
434552	< 0.005	
434553	0.035	
434554	0.073	
434555	0.009	
434556	0.014	
434557	< 0.005	
434558	< 0.005	
434559	0.013	
434560	0.176	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 229b (Fire Assay) Meas		12.1
OREAS 229b (Fire Assay) Cert		11.9
Oreas 237 (Fire Assay) Meas	2.203	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.300	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.269	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.279	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.247	
Oreas 237 (Fire Assay) Cert	2.21	
OREAS 228b (Fire Assay) Meas		8.21
OREAS 228b (Fire Assay) Cert		8.57
Oreas E1336 (Fire Assay) Meas	0.500	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.513	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.528	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.523	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.515	
Oreas E1336 (Fire Assay) Cert	0.510	
434437 Orig	0.171	
434437 Dup	0.247	
434446 Orig	0.039	
434446 Dup	0.040	
434456 Orig	< 0.005	
434456 Dup	< 0.005	
434471 Orig	0.005	
434471 Dup	0.005	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
434476 Split Orig PREP DUP	0.012	
434476 Split PREP DUP	0.024	
434490 Orig	0.008	
434490 Dup	0.013	
434505 Orig	0.208	
434505 Dup	0.253	
434515 Orig	0.187	
434515 Dup	0.202	
434525 Orig	2.604	
434525 Dup	2.514	
434526 Split Orig PREP DUP	0.790	
434526 Split PREP DUP	0.694	
434549 Orig	2.224	
434549 Dup	2.039	
434559 Orig	0.012	
434559 Dup	0.013	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02
Method Blank	< 0.005	
Method Blank	0.005	



Report No.: A21-11789
Report Date: 04-Aug-21
Date Submitted: 24-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

70 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

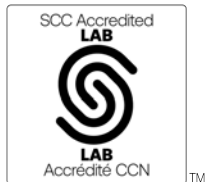
REPORT A21-11789

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
434561	0.751								
434562	3.036								3.09
434563	0.955								
434564	1.221								
434565	0.305								
434566	1.479								
434567	1.037								
434568	2.340								
434569	0.861								
434570	0.705								
434571	0.769								
434572	< 0.005								
434573	0.181								
434574	1.374								
434575	3.867								2.93
434576	0.840								
434577	0.158								
434578	0.543								
434579	1.540								
434580	0.501								
434581	0.237								
434582	1.434								
434583	0.483								
434584	1.539								
434585	0.677								
434586	1.093								
434587	> 5.000	77.6	3.51	3.89	8.56	69.73	990.00	1059.7	5.20
434588	0.427								
434589	0.190								
434590	0.275								
434591	0.225								
434592	0.183								
434593	0.107								
434594	0.085								
434595	0.382								
434596	< 0.005								
434597	0.027								
434598	0.569								
434599	0.320								
434600	0.360								
434601	0.515								
434602	0.332								
434603	0.399								
434604	0.426								
434605	0.565								
434606	0.175								
434607	0.012								
434608	0.291								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
434609	2.216								
434610	1.828								
434611	0.640								
434612	0.500								
434613	0.192								
434614	0.366								
434615	0.143								
434616	0.042								
434617	0.023								
434618	0.691								
434619	0.047								
434620	0.307								
434621	0.242								
434622	0.497								
434623	0.162								
434624	< 0.005								
434625	0.207								
434626	0.348								
434627	0.081								
434628	0.310								
434629	0.085								
434630	0.070								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g	ppm
Lower Limit	0.02	0.03	0.03	0.03	0.03				0.005
Method Code	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA
OREAS 229b (Fire Assay) Meas	11.6				12.1				
OREAS 229b (Fire Assay) Cert	11.9				11.9				
OREAS 229b (Fire Assay) Meas	12.3								
OREAS 229b (Fire Assay) Cert	11.9								
Oreas 237 (Fire Assay) Meas									2.290
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.115
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.264
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.273
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.294
Oreas 237 (Fire Assay) Cert									2.21
OREAS 228b (Fire Assay) Meas	8.38				8.68				
OREAS 228b (Fire Assay) Cert	8.57				8.57				
OREAS 228b (Fire Assay) Meas	8.72								
OREAS 228b (Fire Assay) Cert	8.57								
Oreas E1336 (Fire Assay) Meas									0.513
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.515
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.528
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.528
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.517
Oreas E1336 (Fire Assay) Cert									0.510

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g	ppm
Lower Limit	0.02	0.03	0.03	0.03	0.03				0.005
Method Code	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-AA
Assay) Cert									
434562 Dup	3.09								
434570 Orig									0.714
434570 Dup									0.696
434575 Dup	2.93								
434580 Orig									0.512
434580 Dup									0.490
434587 Orig	5.44	77.6	3.51	3.89	8.56	69.73	990.00	1059.7	
434587 Dup	4.95								
434590 Orig									0.318
434590 Dup									0.232
434605 Orig									0.527
434605 Dup									0.603
434610 Split Orig PREP DUP									1.828
434610 Split PREP DUP									1.600
434614 Orig									0.401
434614 Dup									0.332
434624 Orig									< 0.005
434624 Dup									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank	< 0.02								
Method Blank	< 0.02								
Method Blank	< 0.02								
Method Blank	< 0.02								
Method Blank					< 0.03				
Method Blank					< 0.03				
Method Blank									< 0.005
Method Blank									< 0.005



Report No.: A21-12301
Report Date: 03-Aug-21
Date Submitted: 30-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s), Method, and Testing Date. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

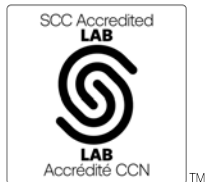
REPORT A21-12301

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
434631	0.245								
434632	0.005								
434633	0.019								
434634	0.255								
434635	0.255								
434636	0.672								
434637	0.485								
434638	1.405								
434639	0.477								
434640	0.409								
434641	0.332								
434642	1.280								
434643	0.110								
434644	0.068								
434645	0.652								
434646	1.316								
434647	1.423								
434648	0.958								
434649	1.763								
434650	< 0.005								
434651	0.929								
434652	0.093								
434653	0.302								
434654	> 5.000	16.4	215	6.79	7.41	13.4	41.11	1322.0	1363.1
434655	0.058								
434656	0.058								
434657	0.076								
434658	0.091								
434659	0.119								
434660	0.176								
434661	0.089								
434662	0.165								
434663	0.351								
434664	0.366								
434665	3.393	3.27							
434666	0.295								
434667	0.456								
434668	0.615								
434669	0.138								
434670	0.165								
434671	1.759								
434672	< 0.005								
434673	1.378								
434674	0.499								
434675	0.511								
434676	0.390								
434677	0.299								
434678	0.405								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
434679	0.407								
434680	0.278								
434681	1.119								
434682	1.220								
434683	0.426								
434684	1.502								
434685	0.880								
434686	0.245								
434687	0.043								
434688	0.119								
434689	0.357								
434690	0.158								
434691	0.283								
434692	3.068	3.23							
434693	0.315								
434694	> 5.000	8.59	224	3.01	3.07	4.05	4.130	900.00	904.13
434695	0.016								
434696	0.005								
434697	0.005								
434698	0.010								
434699	< 0.005								
434700	< 0.005								
434701	0.007								
434702	0.013								
434703	1.200								
434704	0.201								
434705	0.038								
434706	0.059								
434707	0.230								
434708	0.160								
434709	0.919								
434710	1.768								
434711	0.210								
434712	0.487								
434713	1.065								
434714	1.282								
434715	1.407								
434716	1.243								
434717	0.991								
434718	0.134								
434719	0.174								
434720	0.681								
434721	1.011								
434722	> 5.000	4.63	51.8	2.65	1.98	3.38	25.43	1159.0	1184.4
434723	1.204								
434724	0.009								
434725	1.913								
434726	2.606								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
434727	1.622								
434728	1.455								
434729	1.086								
434730	1.655								
434731	0.201								
434732	2.005								
434733	1.342								
434734	0.519								
434735	0.122								
434736	0.180								
434737	0.094								
434738	0.086								
434739	1.208								
434740	0.439								
434741	0.392								
434742	0.885								
434743	0.220								
434744	0.446								
434745	0.351								
434746	0.335								
434747	0.099								
434748	< 0.005								
434749	0.229								
434750	0.342								
434751	0.215								
434752	0.153								
434753	0.648								
434754	1.225								
434755	1.727								
434756	0.450								
434757	0.563								
434758	0.266								
434759	0.966								
434760	0.181								
434761	0.634								
434762	0.118								
434763	0.367								
434764	0.420								
434765	0.552								
434766	1.454								
434767	1.229								
434768	1.057								
434769	0.941								
434770	1.146								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.3				11.8			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		11.6				11.4			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.197								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.232								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.285								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.197								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.284								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.271								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.72				8.79			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.21				8.32			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
Oreas E1336 (Fire Assay) Meas	0.499								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.522								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.522								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.519								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.506								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.510								
Oreas E1336 (Fire Assay) Cert	0.510								
434640 Orig	0.396								
434640 Dup	0.421								
434650 Orig	< 0.005								
434650 Dup	< 0.005								
434654 Orig			215	6.79	7.41	13.4	41.11	1322.0	1363.1
434680 Split Orig PREP DUP	0.278								
434680 Split PREP DUP	0.361								
434685 Orig	0.839								
434685 Dup	0.922								
434694 Orig	> 5.000		224	3.01	3.07	4.05	4.130	900.00	904.13
434694 Dup	> 5.000								
434722 Orig			51.8	2.65	1.98	3.38	25.43	1159.0	1184.4
434729 Orig	1.165								
434729 Dup	1.006								
434730 Split Orig PREP DUP	1.655								
434730 Split PREP DUP	1.862								
434743 Orig	0.226								
434743 Dup	0.215								
434763 Orig	0.397								
434763 Dup	0.337								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.02								
Method Blank	< 0.02								
Method Blank	< 0.02								
Method Blank	< 0.02								
Method Blank						< 0.03			

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-12302
 Report Date: 04-Aug-21
 Date Submitted: 30-Jun-21
 Your Reference: GOS-234

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-07-22 07:59:32
1A3-50-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-07-24 15:48:41
1A4 (100mesh)-Timmins	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-07-30 10:40:37

REPORT A21-12302

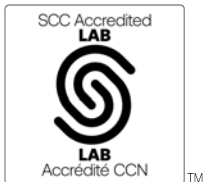
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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Footnote: Sample 434849 is now Insufficient for Screen Metallic.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
434771	0.436								
434772	< 0.005								
434773	0.097								
434774	0.042								
434775	0.106								
434776	0.359								
434777	0.440								
434778	2.126								
434779	0.388								
434780	0.984								
434781	2.229								
434782	2.067								
434783	1.248								
434784	1.520								
434785	1.014								
434786	1.164								
434787	0.920								
434788	1.141								
434789	> 5.000	502	4.21	4.07	6.69	6.200	1205.0	1211.2	5.99
434790	1.454								
434791	1.422								
434792	> 5.000	29.1	3.50	3.26	3.96	29.81	1290.0	1319.8	6.16
434793	2.638								
434794	0.632								
434795	0.611								
434796	0.005								
434797	1.736								
434798	0.477								
434799	1.063								
434800	1.858								
434801	0.503								
434802	2.769								
434803	3.077								3.35
434804	> 5.000	85.3	2.20	2.33	3.11	15.73	1532.0	1547.7	5.23
434805	0.752								
434806	0.704								
434807	0.189								
434808	1.343								
434809	1.651								
434810	0.660								
434811	0.455								
434812	0.496								
434813	2.113								
434814	2.306								
434815	0.321								
434816	0.141								
434817	< 0.005								
434818	1.073								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
434819	0.938								
434820	0.706								
434821	0.802								
434822	0.267								
434823	0.281								
434824	< 0.005								
434825	1.989								
434826	0.920								
434827	1.174								
434828	1.195								
434829	0.488								
434830	0.483								
434831	2.503								
434832	1.761								
434833	1.070								
434834	2.026								
434835	1.065								
434836	0.678								
434837	1.270								
434838	1.687								
434839	1.144								
434840	1.281								
434841	0.434								
434842	0.040								
434843	2.373								
434844	1.442								
434845	1.320								
434846	> 5.000	805	13.8	14.4	22.0	15.41	1541.0	1556.4	16.7
434847	> 5.000	367	13.4	12.9	16.7	15.23	1499.0	1514.2	15.4
434848	0.009								
434849	> 5.000								9.26
434850	2.615								
434851	1.629								
434852	2.678								
434853	2.965								
434854	> 5.000	121	7.40	6.63	8.61	17.59	1244.0	1261.6	7.31
434855	1.979								
434856	0.953								
434857	> 5.000	172	6.13	5.90	8.56	22.63	1455.0	1477.6	6.70
434858	0.792								
434859	3.587								3.74
434860	0.182								
434861	1.060								
434862	2.110								
434863	0.850								
434864	0.377								
434865	0.415								
434866	0.842								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
434867	1.041								
434868	1.241								
434869	0.797								
434870	0.736								
434871	1.344								
434872	< 0.005								
434873	0.656								
434874	0.632								
434875	0.505								
434876	1.149								
434877	2.234								
434878	0.902								
434879	4.871								4.64
434880	0.451								
434881	0.210								
434882	0.699								
434883	0.222								
434884	1.450								
434885	0.345								
434886	0.424								
434887	0.735								
434888	1.618								
434889	0.500								
434890	0.022								
434891	2.455								
434892	0.233								
434893	1.595								
434894	0.592								
434895	0.598								
434896	< 0.005								
434897	0.490								
434898	0.414								
434899	0.232								
434900	0.922								
434901	0.846								
434902	0.590								
434903	1.557								
434904	2.384								
434905	0.865								
434906	0.718								
434907	0.738								
434908	0.798								
434909	0.429								
434910	0.520								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
OREAS 229b (Fire Assay) Meas					11.9				11.9
OREAS 229b (Fire Assay) Cert					11.9				11.9
OREAS 229b (Fire Assay) Meas									12.0
OREAS 229b (Fire Assay) Cert									11.9
Oreas 237 (Fire Assay) Meas	2.259								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.223								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.276								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.234								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.273								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.301								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.247								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.298								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas					8.49				8.77
OREAS 228b (Fire Assay) Cert					8.57				8.57
OREAS 228b (Fire Assay) Meas									8.73
OREAS 228b (Fire Assay) Cert									8.57
Oreas E1336 (Fire Assay) Meas	0.518								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.526								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.506								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.525								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.525								
Oreas E1336 (Fire Assay) Cert	0.510								
434780 Orig	0.993								
434780 Dup	0.976								
434789 Orig		502	4.21	4.07	6.69	6.200	1205.0	1211.2	
434790 Orig	1.434								
434790 Dup	1.475								
434792 Orig		29.1	3.50	3.26	3.96	29.81	1290.0	1319.8	
434800 Orig	2.003								
434800 Dup	1.713								
434804 Orig		85.3	2.20	2.33	3.11	15.73	1532.0	1547.7	
434820 Split Orig PREP DUP	0.706								
434820 Split PREP DUP	0.623								
434821 Orig	0.804								
434821 Dup	0.800								
434825 Orig	1.989								
434828 Orig	1.165								
434828 Dup	1.226								
434831 Orig	2.549								
434831 Dup	2.458								
434846 Orig		805	13.8	14.4	22.0	15.41	1541.0	1556.4	
434847 Orig		367	13.4	12.9	16.7	15.23	1499.0	1514.2	
434854 Orig		121	7.40	6.63	8.61	17.59	1244.0	1261.6	
434856 Orig	0.906								
434856 Dup	1.000								
434857 Orig		172	6.13	5.90	8.56	22.63	1455.0	1477.6	
434858 Orig	0.755								
434858 Dup	0.829								
434866 Orig	0.862								
434866 Dup	0.823								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
434870 Split Orig PREP DUP	0.736								
434870 Split PREP DUP	0.779								
434881 Orig	0.219								
434881 Dup	0.201								
434891 Orig	2.318								
434891 Dup	2.592								
434896 Orig	0.005								
434896 Dup	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								< 0.02
Method Blank									< 0.02
Method Blank									< 0.02
Method Blank									< 0.02
Method Blank	0.005								
Method Blank	0.005								
Method Blank					< 0.03				
Method Blank					< 0.03				
Method Blank	< 0.005								
Method Blank	< 0.005								



Report No.: A21-12305
Report Date: 04-Aug-21
Date Submitted: 30-Jun-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

46 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s), Method, and Testing Date. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

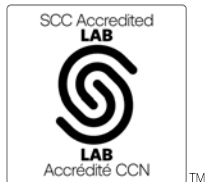
REPORT A21-12305

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
434911	0.662								
434912	0.515								
434913	0.763								
434914	1.107								
434915	3.037	2.52							
434916	3.087	2.89							
434917	> 5.000	6.57	12.3	4.86	5.32	5.13	8.460	1406.0	1414.5
434918	0.200								
434919	2.045								
434920	1.137								
434921	> 5.000	7.34	9.55	13.2	12.7	12.8	67.09	1112.0	1179.1
434922	1.785								
434923	0.654								
434924	0.007								
434925	> 5.000	6.67	18.5	5.09	4.91	5.66	57.30	1111.0	1168.3
434926	3.617	3.24							
434927	2.638								
434928	> 5.000	8.03	84.4	6.39	5.85	7.30	18.16	1190.0	1208.2
434929	0.913								
434930	1.533								
434931	4.707	4.70							
434932	3.553	3.12							
434933	3.613	3.62							
434934	2.424								
434935	1.515								
434936	0.661								
434937	> 5.000	112	519	50.6	51.8	74.6	50.21	953.00	1003.2
434938	4.066	3.79							
434939	3.398	2.59							
434940	> 5.000	7.84	32.5	3.45	3.22	3.86	23.53	1290.0	1313.5
434941	1.159								
434942	1.761								
434943	1.897								
434944	3.145	2.52							
434945	2.350								
434946	1.180								
434947	1.153								
434948	< 0.005								
434949	0.823								
434950	0.694								
434951	2.097								
434952	0.886								
434953	3.019	2.63							
434954	1.056								
434955	0.260								
434956	0.050								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g
Lower Limit	0.005	0.02	0.03	
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.3	12.1	
OREAS 229b (Fire Assay) Cert		11.9	11.9	
Oreas 237 (Fire Assay) Meas	2.115			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.177			
Oreas 237 (Fire Assay) Cert	2.21			
Oreas 237 (Fire Assay) Meas	2.270			
Oreas 237 (Fire Assay) Cert	2.21			
OREAS 228b (Fire Assay) Meas		8.72	8.68	
OREAS 228b (Fire Assay) Cert		8.57	8.57	
Oreas E1336 (Fire Assay) Meas	0.515			
Oreas E1336 (Fire Assay) Cert	0.510			
Oreas E1336 (Fire Assay) Meas	0.520			
Oreas E1336 (Fire Assay) Cert	0.510			
Oreas E1336 (Fire Assay) Meas	0.518			
Oreas E1336 (Fire Assay) Cert	0.510			
434917 Orig			5.13	1414.5
434920 Orig	1.161			
434920 Dup	1.113			
434921 Orig			12.8	1179.1
434925 Orig			5.66	1168.3
434928 Orig			7.30	1208.2
434930 Orig	1.532			
434930 Dup	1.534			
434933 Orig		3.53		
434933 Dup		3.71		
434937 Orig			74.6	1003.2
434940 Orig	> 5.000		3.86	1313.5
434940 Dup	> 5.000			
434955 Orig	0.304			
434955 Dup	0.216			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.005			
Method Blank	< 0.02			

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g
Lower Limit	0.005	0.02	0.03	
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT
Method Blank		< 0.02		
Method Blank			< 0.03	
Method Blank			< 0.03	



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-13184
 Report Date: 04-Aug-21
 Date Submitted: 12-Jul-21
 Your Reference: GOS-234

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

40 Core samples were submitted for analysis.

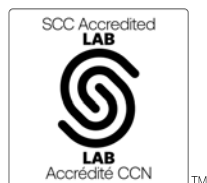
The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-07-30 07:21:41

REPORT **A21-13184**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
445001	0.027
445002	0.017
445003	0.024
445004	< 0.005
445005	0.020
445006	0.013
445007	0.034
445008	0.111
445009	0.051
445010	0.065
445011	0.021
445012	0.476
445013	0.012
445014	0.019
445015	0.027
445016	0.027
445017	0.018
445018	0.019
445019	0.030
445020	0.026
445021	0.127
445022	0.045
445023	0.020
445024	< 0.005
445025	0.245
445026	0.062
445027	0.419
445028	0.051
445029	0.195
445030	0.215
445031	0.076
445032	0.110
445033	0.168
445034	0.057
445035	0.020
445036	0.655
445037	0.029
445038	0.032
445039	0.113
445040	0.016

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.290
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.173
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.223
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.513
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.496
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.502
Oreas E1336 (Fire Assay) Cert	0.510
445003 Orig	0.021
445003 Dup	0.027
445014 Orig	0.021
445014 Dup	0.017
445024 Orig	< 0.005
445024 Dup	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-13693
 Report Date: 30-Jul-21
 Date Submitted: 15-Jul-21
 Your Reference: GOS-234

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

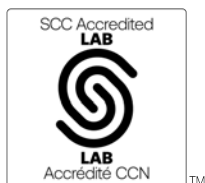
The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-07-29 15:30:23

REPORT **A21-13693**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

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CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
445041	0.015
445042	0.011
445043	0.005
445044	0.027
445045	0.032
445046	0.028
445047	0.005
445048	< 0.005
445049	0.013
445050	< 0.005
445051	< 0.005
445052	< 0.005
445053	0.051
445054	0.157
445055	0.135
445056	0.112
445057	0.145
445058	0.027
445059	0.142
445060	0.168
445061	0.370
445062	0.160
445063	0.249
445064	0.223
445065	0.242
445066	0.890
445067	0.220
445068	0.092
445069	0.025
445070	0.032
445071	0.022
445072	< 0.005
445073	0.013
445074	0.016
445075	0.069
445076	0.015
445077	0.156
445078	< 0.005
445079	0.029
445080	0.008
445081	0.018
445082	0.012
445083	0.063
445084	1.407
445085	0.049
445086	0.067
445087	0.138
445088	0.072
445089	0.089
445090	0.289
445091	0.120

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
445092	0.013
445093	0.005
445094	0.018
445095	0.244
445096	< 0.005
445097	0.039
445098	0.027
445099	0.150
445100	0.016
445101	0.006
445102	0.013
445103	0.011
445104	0.029
445105	0.006
445106	0.021
445107	0.009
445108	0.007
445109	0.030
445110	0.015
445111	0.018
445112	0.518
445113	0.083
445114	0.036
445115	0.028
445116	0.013
445117	0.011
445118	0.009
445119	< 0.005
445120	0.008
445121	0.016
445122	0.009
445123	0.011
445124	< 0.005
445125	< 0.005
445126	0.008
445127	< 0.005
445128	< 0.005
445129	< 0.005
445130	< 0.005
445131	0.028
445132	0.043
445133	< 0.005
445134	0.011
445135	0.006
445136	0.637
445137	0.005
445138	< 0.005
445139	0.005
445140	< 0.005
445141	< 0.005
445142	< 0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
445143	< 0.005
445144	0.005
445145	0.011
445146	0.066
445147	0.050
445148	< 0.005
445149	0.016
445150	0.026
445151	0.118
445152	0.052
445153	0.050
445154	0.018
445155	0.048
445156	0.068
445157	0.037
445158	0.049
445159	0.043
445160	0.176
445161	0.024
445162	0.019
445163	0.094
445164	0.057
445165	0.559
445166	0.065
445167	0.094
445168	0.080
445169	0.049
445170	0.032
445171	0.048
445172	< 0.005
445173	0.114
445174	0.018
445175	0.065
445176	0.146
445177	0.033
445178	0.105
445179	0.110
445180	0.031

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.221
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.190
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.103
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.204
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.210
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.505
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.519
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.513
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.499
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.490
Oreas E1336 (Fire Assay) Cert	0.510
445049 Orig	0.012
445049 Dup	0.015
445059 Orig	0.156
445059 Dup	0.129
445069 Orig	0.021
445069 Dup	0.030
445076 Orig	0.016
445076 Dup	0.015
445088 Orig	0.082
445088 Dup	0.061
445090 Split Orig PREP DUP	0.289
445090 Split PREP DUP	0.242
445107 Orig	0.011
445107 Dup	0.006
445122 Orig	0.010

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
445122 Dup	0.008
445132 Orig	0.043
445140 Split Orig PREP DUP	< 0.005
445140 Split PREP DUP	< 0.005
445145 Orig	0.011
445145 Dup	0.011
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-13694
 Report Date: 03-Aug-21
 Date Submitted: 15-Jul-21
 Your Reference: GOS-234

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

60 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	GOP AA-Au (Au - Fire Assay AA)	2021-07-29 15:14:03

REPORT **A21-13694**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
445321	0.051
445322	0.053
445323	0.010
445324	< 0.005
445325	0.008
445326	0.183
445327	0.063
445328	0.032
445329	0.059
445330	0.151
445331	0.205
445332	0.182
445333	0.032
445334	0.036
445335	0.016
445336	0.644
445337	0.105
445338	0.010
445339	0.231
445340	0.521
445341	0.187
445342	0.137
445343	0.511
445344	0.071
445345	0.091
445346	0.146
445347	0.194
445348	< 0.005
445349	0.155
445350	0.174
445351	0.394
445352	0.185
445353	0.112
445354	0.352
445355	0.231
445356	0.205
445357	0.172
445358	0.050
445359	0.010
445360	0.176
445361	0.013
445362	0.021
445363	< 0.005
445364	0.016
445365	0.005
445366	0.041
445367	0.015
445368	< 0.005
445369	< 0.005
445370	0.006
445371	< 0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
445372	< 0.005
445373	< 0.005
445374	0.020
445375	0.018
445376	0.020
445377	0.005
445378	0.005
445379	< 0.005
445380	0.061

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.238
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.260
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.279
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.274
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.204
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.274
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.225
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.519
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.523
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.517
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.509
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.502
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.527
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.523
Oreas E1336 (Fire Assay) Cert	0.510
445334 Orig	0.040
445334 Dup	0.033

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
445349 Orig	0.141
445349 Dup	0.168
445359 Orig	0.010
445359 Dup	0.010
445364 Orig	0.015
445364 Dup	0.018
445370 Split Orig	0.006
445370 Split	< 0.005
445373 Orig	< 0.005
445373 Dup	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
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Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005



Report No.: A21-13695
Report Date: 03-Aug-21
Date Submitted: 15-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2-Timmins (ppm) | QOP AA-Au (Au - Fire Assay AA) | 2021-07-29 15:14:03

REPORT A21-13695

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

[Handwritten signature]

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
445181	0.076
445182	0.036
445183	0.029
445184	1.396
445185	0.015
445186	< 0.005
445187	0.067
445188	0.039
445189	0.011
445190	0.013
445191	0.024
445192	< 0.005
445193	0.013
445194	< 0.005
445195	0.022
445196	< 0.005
445197	0.036
445198	0.185
445199	0.066
445200	0.021
445201	0.026
445202	0.012
445203	< 0.005
445204	< 0.005
445205	0.023
445206	0.005
445207	< 0.005
445208	< 0.005
445209	< 0.005
445210	< 0.005
445211	0.043
445212	0.476
445213	< 0.005
445214	0.010
445215	0.006
445216	0.104
445217	0.040
445218	0.077
445219	0.092
445220	0.009
445221	0.029
445222	0.032
445223	0.071
445224	< 0.005
445225	0.077
445226	0.053
445227	0.050
445228	0.071
445229	0.007
445230	0.011
445231	0.070

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
445232	< 0.005
445233	0.101
445234	0.132
445235	0.082
445236	0.690
445237	0.184
445238	0.057
445239	0.078
445240	0.068
445241	0.095
445242	0.219
445243	0.187
445244	0.060
445245	0.297
445246	0.300
445247	0.121
445248	< 0.005
445249	0.277
445250	0.197
445251	0.341
445252	0.889
445253	0.397
445254	0.337
445255	0.205
445256	0.153
445257	0.218
445258	0.208
445259	0.294
445260	0.176
445261	0.196
445262	0.368
445263	0.074
445264	0.136
445265	0.054
445266	0.192
445267	0.124
445268	0.021
445269	0.013
445270	0.017
445271	0.021
445272	< 0.005
445273	0.031
445274	0.006
445275	0.012
445276	0.036
445277	0.047
445278	0.054
445279	0.087
445280	0.039
445281	0.008
445282	0.019

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
445283	< 0.005
445284	1.482
445285	0.010
445286	0.019
445287	0.019
445288	0.018
445289	0.012
445290	< 0.005
445291	0.069
445292	0.322
445293	0.051
445294	0.080
445295	0.010
445296	< 0.005
445297	0.069
445298	0.192
445299	0.119
445300	0.026
445301	0.013
445302	0.012
445303	0.034
445304	0.045
445305	0.157
445306	0.035
445307	0.211
445308	0.015
445309	0.061
445310	0.066
445311	0.017
445312	0.497
445313	0.009
445314	0.021
445315	0.138
445316	0.068
445317	0.099
445318	0.043
445319	0.020
445320	0.101

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.238
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.260
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.299
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.274
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.272
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.275
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.167
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.519
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.523
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.517
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.520
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.516
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.519
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.501
Oreas E1336 (Fire Assay) Cert	0.510
445187 Orig	0.068
445187 Dup	0.066



Report No.: A21-14058
Report Date: 04-Aug-21
Date Submitted: 23-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

70 Core samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested, Testing Date. Row 1: 1A2-Timmins (ppm), GOP AA-Au (Au - Fire Assay AA), 2021-07-30 10:17:35

REPORT A21-14058

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
445381	0.180
445382	0.054
445383	0.244
445384	1.523
445385	0.417
445386	0.063
445387	< 0.005
445388	< 0.005
445389	0.013
445390	0.016
445391	< 0.005
445392	0.022
445393	0.015
445394	< 0.005
445395	0.080
445396	< 0.005
445397	0.034
445398	< 0.005
445399	< 0.005
445400	< 0.005
445401	< 0.005
445402	< 0.005
445403	0.008
445404	0.009
445405	0.126
445406	0.017
445407	0.035
445408	0.032
445409	0.015
445410	0.029
445411	0.018
445412	0.480
445413	0.179
445414	0.146
445415	0.068
445416	0.018
445417	0.026
445418	0.008
445419	0.029
445420	0.504
445421	0.008
445422	0.017
445423	0.009
445424	< 0.005
445425	0.666
445426	0.054
445427	< 0.005
445428	< 0.005
445429	< 0.005
445430	< 0.005
445431	< 0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
445432	< 0.005
445433	0.009
445434	< 0.005
445435	< 0.005
445436	0.648
445437	0.008
445438	0.065
445439	0.551
445440	0.155
445441	< 0.005
445442	< 0.005
445443	< 0.005
445444	0.011
445445	< 0.005
445446	< 0.005
445447	< 0.005
445448	< 0.005
445449	0.045
445450	0.020

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.136
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.297
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.234
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.234
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.125
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.300
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.522
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.492
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.505
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.504
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.510
Oreas E1336 (Fire Assay) Cert	0.510
445388 Orig	< 0.005
445388 Dup	< 0.005
445396 Orig	< 0.005
445396 Dup	< 0.005
445397 Orig	0.029
445397 Dup	0.038
445407 Orig	0.037
445407 Dup	0.033
445410 Orig	0.045
445410 Dup	0.013
445425 Orig	0.634
445425 Dup	0.697
445430 Split Orig	< 0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
PREP DUP	
445430 Split PREP DUP	< 0.005
445434 Orig	< 0.005
445434 Dup	< 0.005
445450 Orig	0.021
445450 Dup	0.019
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005



Report No.: A21-14256
Report Date: 09-Aug-21
Date Submitted: 27-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

43 Core samples were submitted for analysis.

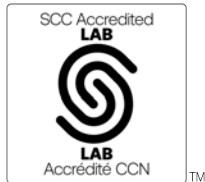
Table with 3 columns: Analytical package(s) requested, Testing Date, and details for 1A2 (ppm) and 1A3-50.

REPORT A21-14256

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
445451	0.101	
445452	0.013	
445453	0.008	
445454	0.022	
445455	0.058	
445456	4.370	4.73
445457	0.013	
445458	0.012	
445459	0.009	
445460	0.177	
445461	< 0.005	
445462	0.014	
445463	< 0.005	
445464	0.007	
445465	0.084	
445466	0.007	
445467	0.008	
445468	< 0.005	
445469	< 0.005	
445470	< 0.005	
445471	0.012	
445472	< 0.005	
445473	0.022	
445474	0.015	
445475	0.010	
445476	< 0.005	
445477	0.039	
445478	< 0.005	
445479	0.010	
445480	0.018	
445481	0.028	
445482	0.024	
445483	0.009	
445484	1.435	
445485	0.016	
445486	0.030	
445487	0.008	
445488	0.011	
445489	< 0.005	
445490	0.005	
445491	< 0.005	
445492	< 0.005	
445493	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 229b (Fire Assay) Meas		12.0
OREAS 229b (Fire Assay) Cert		11.9
Oreas 237 (Fire Assay) Meas	2.170	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.146	
Oreas 237 (Fire Assay) Cert	2.21	
OREAS 228 Meas		8.81
OREAS 228 Cert		8.73
445461 Orig	< 0.005	
445461 Dup	< 0.005	
445469 Orig	< 0.005	
445469 Dup	< 0.005	
445480 Orig	0.017	
445480 Dup	0.018	
445486 Orig	0.030	
445486 Dup	0.031	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02



Report No.: A21-12755
Report Date: 05-Aug-21
Date Submitted: 07-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

103 Core samples were submitted for analysis.

Table with 3 columns: Analytical package requested, Method, and Testing Date. Rows include 1A2-Timmins (ppm) and 1A3-50-Timmins.

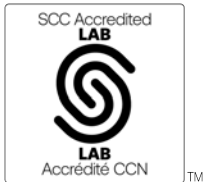
REPORT A21-12755

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Footnote: Sample 431540 is now insufficient for Screen Metallic.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
434958	0.033	
434959	0.018	
434960	0.173	
434961	0.015	
434962	0.049	
434963	0.030	
434964	0.036	
434965	0.020	
434966	0.019	
434967	0.016	
434968	0.009	
434969	0.011	
434970	0.009	
434971	0.009	
434972	< 0.005	
434973	0.012	
434974	< 0.005	
434975	0.006	
434976	< 0.005	
434977	0.008	
434978	0.014	
434979	0.074	
434980	0.044	
434981	0.038	
434982	0.160	
434983	0.091	
434984	1.480	
434985	0.056	
434986	0.019	
434987	0.019	
434988	0.014	
434989	0.021	
434990	0.021	
434991	0.035	
434992	0.013	
434993	0.019	
434994	0.010	
434995	0.019	
434996	< 0.005	
434997	0.020	
434998	0.012	
434999	< 0.005	
435000	< 0.005	
431501	< 0.005	
431502	< 0.005	
431503	< 0.005	
431504	< 0.005	
431505	< 0.005	
431506	< 0.005	
431507	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
431508	0.044	
431509	< 0.005	
431510	0.006	
431511	0.050	
431512	0.481	
431513	0.038	
431514	0.023	
431515	0.044	
431516	0.045	
431517	0.015	
431518	0.018	
431519	0.025	
431520	0.021	
431521	< 0.005	
431522	0.044	
431523	0.016	
431524	< 0.005	
431525	0.073	
431526	0.008	
431527	0.021	
431528	0.043	
431529	0.975	
431530	1.007	
431531	0.605	
431532	0.010	
431533	0.432	
431534	0.114	
431535	0.155	
431536	0.672	
431537	0.053	
431538	0.050	
431539	0.053	
431540	> 5.000	5.23
431541	0.139	
431542	0.778	
431543	0.082	
431544	0.231	
431545	0.090	
431546	0.122	
431547	0.060	
431548	< 0.005	
431549	0.014	
431550	0.015	
431551	0.039	
431552	0.033	
431553	0.116	
431554	0.167	
431555	0.400	
431556	0.053	
431557	0.363	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
431558	0.093	
431559	0.122	
431560	0.175	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 229b (Fire Assay) Meas		11.6
OREAS 229b (Fire Assay) Cert		11.9
Oreas 237 (Fire Assay) Meas	2.167	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.204	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.164	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.189	
Oreas 237 (Fire Assay) Cert	2.21	
OREAS 228b (Fire Assay) Meas		8.38
OREAS 228b (Fire Assay) Cert		8.57
Oreas E1336 (Fire Assay) Meas	0.504	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.516	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.508	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.500	
Oreas E1336 (Fire Assay) Cert	0.510	
434964 Orig	0.032	
434964 Dup	0.041	
434974 Orig	< 0.005	
434974 Dup	0.005	
434985 Orig	0.047	
434985 Dup	0.064	
431504 Orig	< 0.005	
431504 Dup	< 0.005	
431507 Split Orig PREP DUP	< 0.005	
431507 Split PREP DUP	< 0.005	
431513 Orig	0.028	
431513 Dup	0.047	
431523 Orig	0.017	
431523 Dup	0.016	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
431528 Orig	0.040	
431528 Dup	0.045	
431553 Orig	0.099	
431553 Dup	0.132	
431556 Split Orig PREP DUP	0.053	
431556 Split PREP DUP	0.045	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.006	
Method Blank		< 0.02
Method Blank		< 0.02



Report No.: A21-12756
Report Date: 29-Jul-21
Date Submitted: 07-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

100 Core samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested, Testing Date. Row 1: 1A2-Timmins (ppm), QOP AA-Au (Au - Fire Assay AA), 2021-07-29 10:44:10

REPORT A21-12756

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
431561	0.033
431562	0.128
431563	0.314
431564	0.032
431565	0.029
431566	0.045
431567	0.072
431568	0.094
431569	0.218
431570	0.065
431571	0.160
431572	< 0.005
431573	0.049
431574	0.035
431575	0.112
431576	0.047
431577	0.359
431578	0.042
431579	0.022
431580	0.018
431581	0.006
431582	0.049
431583	0.016
431584	1.487
431585	0.104
431586	0.071
431587	0.075
431588	0.204
431589	0.206
431590	0.073
431591	0.141
431592	0.334
431593	0.079
431594	0.097
431595	0.015
431596	< 0.005
431597	0.019
431598	0.116
431599	0.115
431600	0.150
431601	0.793
431602	0.051
431603	0.084
431604	0.093
431605	0.153
431606	0.173
431607	0.149
431608	0.851
431609	0.460
431610	0.078
431611	0.082

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
431612	0.490
431613	0.066
431614	0.037
431615	0.041
431616	0.029
431617	0.217
431618	0.554
431619	0.404
431620	0.529
431621	0.150
431622	0.254
431623	0.188
431624	< 0.005
431625	0.101
431626	0.271
431627	0.110
431628	0.394
431629	0.155
431630	0.091
431631	0.123
431632	0.106
431633	0.253
431634	0.263
431635	0.051
431636	0.674
431637	0.101
431638	0.088
431639	0.067
431640	0.035
431641	0.080
431642	0.079
431643	0.043
431644	0.125
431645	0.041
431646	0.148
431647	0.038
431648	< 0.005
431649	0.046
431650	0.045
431651	0.245
431652	0.135
431653	0.133
431654	0.393
431655	0.112
431656	0.139
431657	0.016
431658	0.007
431659	0.007
431660	0.171

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.114
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.230
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.212
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.505
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.505
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.524
Oreas E1336 (Fire Assay) Cert	0.510
431567 Orig	0.081
431567 Dup	0.062
431577 Orig	0.363
431577 Dup	0.354
431587 Orig	0.075
431607 Orig	0.149
431610 Split Orig PREP DUP	0.078
431610 Split PREP DUP	0.085
431616 Orig	0.026
431616 Dup	0.032
431626 Orig	0.243
431626 Dup	0.298
431631 Orig	0.108
431631 Dup	0.138
431646 Orig	0.177
431646 Dup	0.120
431656 Orig	0.149
431656 Dup	0.129
431659 Split Orig PREP DUP	0.007
431659 Split PREP DUP	0.007
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-12969
 Report Date: 28-Jul-21
 Date Submitted: 09-Jul-21
 Your Reference: GOS-234

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-07-17 17:53:47
1A3-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	
1A4 (100mesh)-Timmins	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-07-28 13:56:39

REPORT A21-12969

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
431661	0.007								
431662	0.032								
431663	0.012								
431664	0.021								
431665	0.044								
431666	0.055								
431667	0.017								
431668	0.330								
431669	0.039								
431670	0.036								
431671	0.042								
431672	< 0.005								
431673	0.208								
431674	0.078								
431675	0.197								
431676	0.026								
431677	0.011								
431678	0.015								
431679	0.009								
431680	0.028								
431681	0.013								
431682	0.039								
431683	0.050								
431684	1.424								
431685	0.053								
431686	0.070								
431687	0.075								
431688	0.123								
431689	0.200								
431690	0.203								
431691	0.192								
431692	0.202								
431693	0.047								
431694	0.290								
431695	0.291								
431696	< 0.005								
431697	0.200								
431698	0.398								
431699	0.642								
431700	0.925								
431701	0.998								
431702	0.780								
431703	0.429								
431704	> 5.000	7.39	163	7.01	5.69	8.70	19.42	1274.0	1293.4
431705	3.149	3.11							
431706	0.395								
431707	0.141								
431708	0.242								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
431709	0.106								
431710	0.136								
431711	< 0.005								
431712	0.477								
431713	0.605								
431714	1.720								
431715	0.924								
431716	1.148								
431717	2.031								
431718	0.869								
431719	0.220								
431720	0.847								
431721	0.800								
431722	< 0.005								
431723	< 0.005								
431724	< 0.005								
431725	1.193								
431726	0.579								
431727	1.188								
431728	0.888								
431729	0.314								
431730	0.521								
431731	1.446								
431732	1.295								
431733	0.325								
431734	0.249								
431735	0.410								
431736	0.606								
431737	0.698								
431738	0.178								
431739	0.050								
431740	0.286								
431741	0.357								
431742	0.160								
431743	0.922								
431744	0.293								
431745	0.011								
431746	< 0.005								
431747	< 0.005								
431748	< 0.005								
431749	0.006								
431750	< 0.005								
431751	0.050								
431752	0.715								
431753	0.029								
431754	0.022								
431755	0.067								
431756	0.501								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
431757	> 5.000	6.61	68.2	8.28	6.01	9.14	50.19	1486.0	1536.2
431758	0.715								
431759	0.990								
431760	0.154								
431761	0.141								
431762	0.476								
431763	0.594								
431764	0.287								
431765	0.619								
431766	0.550								
431767	1.883								
431768	< 0.005								
431769	1.117								
431770	1.420								
431771	2.625								
431772	0.007								
431773	2.195								
431774	0.024								
431775	1.614								
431776	0.357								
431777	0.110								
431778	0.581								
431779	1.688								
431780	1.896								
431781	3.642	3.11							
431782	0.557								
431783	0.998								
431784	1.431								
431785	0.479								
431786	0.333								
431787	0.740								
431788	4.527	4.33							
431789	1.537								
431790	1.154								

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne	ppm
Lower Limit	0.03	0.03	0.03	0.03				0.02	0.005
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-GRA	FA-AA
OREAS 229b (Fire Assay) Meas				11.5				11.8	
OREAS 229b (Fire Assay) Cert				11.9				11.9	
OREAS 229b (Fire Assay) Meas								11.8	
OREAS 229b (Fire Assay) Cert								11.9	
Oreas 237 (Fire Assay) Meas									2.260
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.209
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.297
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.129
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.121
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.226
Oreas 237 (Fire Assay) Cert									2.21
OREAS 228b (Fire Assay) Meas				8.60				8.77	> 5.000
OREAS 228b (Fire Assay) Cert				8.57				8.57	8.57
OREAS 228b (Fire Assay) Meas								8.60	> 5.000
OREAS 228b (Fire Assay) Cert								8.57	8.57
Oreas E1336 (Fire Assay) Meas									0.503
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.493
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.516
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.520
Oreas E1336 (Fire Assay) Cert									0.510

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne	ppm
Lower Limit	0.03	0.03	0.03	0.03				0.02	0.005
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-GRA	FA-AA
Assay) Cert									
Oreas E1336 (Fire Assay) Meas									0.516
Oreas E1336 (Fire Assay) Cert									0.510
431670 Orig									0.039
431670 Dup									0.033
431680 Orig									0.029
431680 Dup									0.027
431690 Orig									0.181
431690 Dup									0.225
431704 Orig	163	7.01	5.69	8.70	19.42	1274.0	1293.4		
431710 Split Orig PREP DUP									0.136
431710 Split PREP DUP									0.140
431711 Orig									< 0.005
431711 Dup									< 0.005
431717 Orig									2.055
431717 Dup									2.008
431728 Orig									0.952
431728 Dup									0.825
431731 Orig									1.328
431731 Dup									1.564
431746 Orig									< 0.005
431746 Dup									< 0.005
431756 Orig									0.521
431756 Dup									0.481
431757 Orig	68.2	8.28	6.01	9.14	50.19	1486.0	1536.2		
431761 Split Orig PREP DUP									0.141
431761 Split PREP DUP									0.129
431771 Orig									2.875
431771 Dup									2.482
431771 Dup									2.625
431786 Orig									0.343
431786 Dup									0.323
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank								< 0.02	
Method Blank								< 0.02	
Method Blank									< 0.005
Method Blank									< 0.005

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne	ppm
Lower Limit	0.03	0.03	0.03	0.03				0.02	0.005
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA	FA-AA
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank								< 0.02	
Method Blank								< 0.02	
Method Blank				< 0.03					
Method Blank				< 0.03					



Report No.: A21-13201
Report Date: 05-Aug-21
Date Submitted: 12-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

100 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s), Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

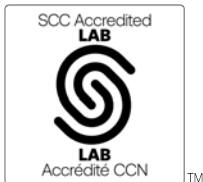
REPORT A21-13201

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
431791	> 5.000	28.2	156	25.4	24.6	30.6	68.26	1547.0	1615.3
431792	0.005								
431793	0.430								
431794	1.399								
431795	0.387								
431796	0.005								
431797	0.610								
431798	0.913								
431799	0.669								
431800	0.354								
431801	1.772								
431802	0.867								
431803	> 5.000	6.91	191	5.97	5.58	10.3	43.42	1720.0	1763.4
431804	1.493								
431805	1.216								
431806	1.039								
431807	0.448								
431808	1.279								
431809	0.796								
431810	0.315								
431811	0.261								
431812	0.481								
431813	0.162								
431814	1.305								
431815	0.413								
431816	0.565								
431817	0.045								
431818	0.166								
431819	0.671								
431820	4.259	3.39							
431821	0.130								
431822	0.228								
431823	0.444								
431824	< 0.005								
431825	0.062								
431826	0.365								
431827	0.566								
431828	2.650								
431829	4.082	3.26							
431830	> 5.000	4.94	9.98	2.56	2.25	2.62	53.82	1875.0	1928.8
431831	1.757								
431832	1.734								
431833	> 5.000	6.07	40.0	3.44	3.72	5.11	70.83	1619.0	1689.8
431834	3.485	3.27							
431835	1.737								
431836	0.672								
431837	4.799	5.02							
431838	0.676								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
431839	0.796								
431840	4.060	3.65							
431841	> 5.000	5.38	53.4	6.89	7.09	7.91	33.43	1655.0	1688.4
431842	2.907								
431843	4.717	3.91							
431844	0.829								
431845	0.633								
431846	> 5.000	28.7	119	6.13	5.97	8.93	42.13	1605.0	1647.1
431847	> 5.000	11.5	58.2	4.60	4.54	7.22	71.51	1379.0	1450.5
431848	0.009								
431849	1.356								
431850	1.775								
431851	4.646	4.25							
431852	0.761								
431853	1.669								
431854	2.257								
431855	< 0.005								
431856	0.643								
431857	0.424								
431858	0.547								
431859	0.776								
431860	0.177								
431861	2.064								
431862	3.951	3.27							
431863	2.726								
431864	0.430								
431865	1.437								
431866	1.843								
431867	3.135	2.81							
431868	0.018								
431869	0.984								
431870	0.748								
431871	0.174								
431872	< 0.005								
431873	0.298								
431874	0.735								
431875	> 5.000	5.03	102	4.35	4.49	7.77	66.47	1861.0	1927.5
431876	1.376								
431877	1.666								
431878	0.331								
431879	4.341	3.48							
431880	0.309								
431881	0.043								
431882	0.132								
431883	0.007								
431884	1.490								
431885	0.185								
431886	0.254								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
431887	0.308								
431888	0.023								
431889	0.151								
431890	0.128								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.9				11.9			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas						11.9			
OREAS 229b (Fire Assay) Cert						11.9			
Oreas 237 (Fire Assay) Meas	2.290								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.271								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.192								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.284								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.279								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.193								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.301								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.127								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.59				8.50			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas						8.53			
OREAS 228b (Fire Assay) Cert						8.57			
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.527								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.494								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.524								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.525								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.529								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.492								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.498								
Oreas E1336 (Fire Assay) Cert	0.510								
431791 Orig			156	25.4	24.6	30.6	68.26	1547.0	1615.3
431800 Orig	0.350								
431800 Dup	0.359								
431803 Orig			191	5.97	5.58	10.3	43.42	1720.0	1763.4
431810 Orig	0.264								
431810 Dup	0.365								
431820 Orig	4.333								
431820 Dup	4.185								
431830 Orig			9.98	2.56	2.25	2.62	53.82	1875.0	1928.8
431833 Orig			40.0	3.44	3.72	5.11	70.83	1619.0	1689.8
431837 Orig		5.17							
431837 Dup		4.87							
431840 Split Orig PREP DUP	4.060	3.65							
431840 Split PREP DUP	4.486	4.56							
431840 Orig	4.022								
431840 Dup	4.098								
431841 Orig			53.4	6.89	7.09	7.91	33.43	1655.0	1688.4
431846 Orig			119	6.13	5.97	8.93	42.13	1605.0	1647.1
431847 Orig	> 5.000		58.2	4.60	4.54	7.22	71.51	1379.0	1450.5
431847 Dup	> 5.000								
431858 Orig	0.558								
431858 Dup	0.536								
431861 Orig	2.123								
431861 Dup	2.006								
431867 Orig		2.95							



Report No.: A21-13210
Report Date: 30-Jul-21
Date Submitted: 12-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

63 Core samples were submitted for analysis.

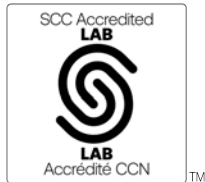
Table with 3 columns: Analytical package requested, Method, and Testing Date. Rows include 1A2-Timmins (ppm) and 1A3-50-Timmins.

REPORT A21-13210

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
431891	0.940	
431892	0.200	
431893	1.480	
431894	0.713	
431895	0.067	
431896	< 0.005	
431897	0.374	
431898	0.196	
431899	0.280	
431900	0.815	
431901	4.700	3.76
431902	0.234	
431903	0.260	
431904	0.461	
431905	0.100	
431906	0.276	
431907	0.373	
431908	0.384	
431909	0.417	
431910	0.451	
431911	0.209	
431912	0.476	
431913	0.798	
431914	0.381	
431915	0.076	
431916	0.086	
431917	0.148	
431918	0.327	
431919	0.584	
431920	1.349	
431921	0.154	
431922	0.511	
431923	1.017	
431924	< 0.005	
431925	0.056	
431926	0.035	
431927	0.103	
431928	0.314	
431929	0.183	
431930	0.030	
431931	0.184	
431932	0.580	
431933	0.094	
431934	0.293	
431935	0.224	
431936	0.632	
431937	0.038	
431938	0.050	
431939	0.089	
431940	0.037	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
431941	0.113	
431942	0.145	
431943	0.015	
431944	0.134	
431945	0.191	
431946	1.138	
431947	0.035	
431948	< 0.005	
431949	0.019	
431950	0.022	
431951	0.037	
431952	0.072	
431953	0.058	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 229b (Fire Assay) Meas		11.4
OREAS 229b (Fire Assay) Cert		11.9
Oreas 237 (Fire Assay) Meas	2.221	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.153	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.137	
Oreas 237 (Fire Assay) Cert	2.21	
OREAS 228b (Fire Assay) Meas		8.21
OREAS 228b (Fire Assay) Cert		8.57
Oreas E1336 (Fire Assay) Meas	0.505	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.499	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.512	
Oreas E1336 (Fire Assay) Cert	0.510	
431897 Orig	0.311	
431897 Dup	0.438	
431907 Orig	0.382	
431907 Dup	0.364	
431917 Orig	0.154	
431917 Dup	0.143	
431937 Orig	0.036	
431937 Dup	0.041	
431940 Split Orig PREP DUP	0.037	
431940 Split PREP DUP	0.044	
431946 Orig	1.176	
431946 Dup	1.100	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank		< 0.02
Method Blank		< 0.02



Report No.: A21-13687
Report Date: 05-Aug-21
Date Submitted: 20-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

17 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s), Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

REPORT A21-13687

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439251	2.136								
439252	> 5.000	7.66	451	3.13	2.81	8.92	10.76	798.00	808.76
439253	> 5.000	14.5	310	5.38	5.14	16.8	41.91	1065.0	1106.9
439254	0.521								
439255	0.531								
439256	1.141								
439257	1.162								
439258	0.640								
439259	0.438								
439260	0.179								
439261	0.425								
439262	0.150								
439263	0.213								
439264	0.190								
439265	0.474								
439266	0.196								
439267	2.213								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.4				11.9			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas						11.9			
OREAS 229b (Fire Assay) Cert						11.9			
Oreas 237 (Fire Assay) Meas	2.199								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.266								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.196								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.134								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas	> 5.000	8.21				8.50			
OREAS 228b (Fire Assay) Cert	8.57	8.57				8.57			
OREAS 228b (Fire Assay) Meas						8.53			
OREAS 228b (Fire Assay) Cert						8.57			
Oreas E1336 (Fire Assay) Meas	0.517								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.512								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.524								
Oreas E1336 (Fire Assay) Cert	0.510								
439252 Orig			451	3.13	2.81	8.92	10.76	798.00	808.76
439253 Orig			310	5.38	5.14	16.8	41.91	1065.0	1106.9
439263 Orig	0.201								
439263 Dup	0.224								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	0.006								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-12743
Report Date: 05-Aug-21
Date Submitted: 07-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

133 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

REPORT A21-12743

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439268	3.734	4.41							
439269	2.657								
439270	2.958								
439271	> 5.000	4.79	160	2.85	3.11	5.39	15.99	1028.0	1044.0
439272	0.009								
439273	3.429	3.84							
439274	2.142								
439275	1.028								
439276	1.446								
439277	0.456								
439278	2.320								
439279	0.369								
439280	0.448								
439281	0.494								
439282	0.678								
439283	0.566								
439284	1.499								
439285	0.850								
439286	0.854								
439287	0.134								
439288	0.079								
439289	0.026								
439290	0.021								
439291	0.041								
439292	0.079								
439293	0.129								
439294	0.470								
439295	0.149								
439296	< 0.005								
439297	0.345								
439298	0.593								
439299	0.041								
439300	0.051								
439301	0.042								
439302	0.010								
439303	< 0.005								
439304	0.056								
439305	0.285								
439306	0.011								
439307	< 0.005								
439308	< 0.005								
439309	0.015								
439310	0.016								
439311	0.014								
439312	0.488								
439313	0.020								
439314	0.006								
439315	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439316	0.153								
439317	0.437								
439318	0.435								
439319	0.155								
439320	0.163								
439321	0.005								
439322	0.122								
439323	0.165								
439324	< 0.005								
439325	0.044								
439326	0.072								
439327	0.025								
439328	0.045								
439329	0.011								
439330	0.010								
439331	0.031								
439332	0.029								
439333	0.035								
439334	< 0.005								
439335	0.019								
439336	0.624								
439337	0.018								
439338	0.021								
439339	0.042								
439340	0.061								
439341	0.127								
439342	0.034								
439343	0.119								
439344	0.048								
439345	0.099								
439346	0.083								
439347	0.026								
439348	< 0.005								
439349	0.115								
439350	0.105								
439351	0.236								
439352	0.699								
439353	0.038								
439354	0.032								
439355	0.161								
439356	0.282								
439357	0.036								
439358	0.256								
439359	0.084								
439360	0.172								
439361	0.013								
439362	0.458								
439363	0.169								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
439364	0.047								
439365	0.276								
439366	0.044								
439367	0.011								
439368	0.010								
439369	0.021								
439370	0.008								
439371	0.063								
439372	< 0.005								
439373	0.036								
439374	0.135								
439375	0.064								
439376	0.046								
439377	< 0.005								
439378	0.087								
439379	0.018								
439380	0.059								
439381	0.056								
439382	0.016								
439383	0.030								
439384	1.432								
439385	0.352								
439386	0.068								
439387	0.280								
439388	0.046								
439389	0.129								
439390	0.189								
439391	0.196								
439392	0.280								
439393	0.293								
439394	0.327								
439395	0.529								
439396	< 0.005								
439397	0.306								
439398	0.058								
439399	< 0.005								
439400	0.154								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.6				11.9			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas						11.9			
OREAS 229b (Fire Assay) Cert						11.9			
Oreas 237 (Fire Assay) Meas	2.271								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.192								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.187								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.250								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.304								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.217								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.38				8.50			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas						8.53			
OREAS 228b (Fire Assay) Cert						8.57			
Oreas E1336 (Fire Assay) Meas	0.527								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.494								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.501								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.502								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.518								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.525								
Oreas E1336 (Fire Assay) Cert	0.510								
439271 Orig			160	2.85	3.11	5.39	15.99	1028.0	1044.0
439276 Orig	1.336								
439276 Dup	1.556								
439286 Orig	0.841								
439286 Dup	0.867								
439296 Orig	< 0.005								
439296 Dup	< 0.005								
439303 Orig	< 0.005								
439303 Dup	0.006								
439315 Orig	< 0.005								
439315 Dup	< 0.005								
439317 Split Orig PREP DUP	0.437								
439317 Split PREP DUP	0.442								
439324 Orig	< 0.005								
439324 Dup	0.006								
439334 Orig	0.005								
439334 Dup	< 0.005								
439349 Orig	0.111								
439349 Dup	0.118								
439359 Orig	0.087								
439359 Dup	0.081								
439367 Split Orig PREP DUP	0.011								
439367 Split PREP DUP	0.012								
439372 Orig	0.005								
439372 Dup	< 0.005								
439387 Orig	0.287								
439387 Dup	0.274								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-12744
Report Date: 30-Jul-21
Date Submitted: 07-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

100 Core samples were submitted for analysis.

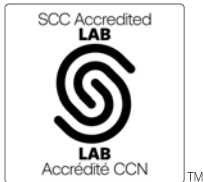
Table with 3 columns: Analytical package requested, Method, and Testing Date. Rows include 1A2-Timmins (ppm) and 1A3-50-Timmins.

REPORT A21-12744

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
439401	0.251	
439402	0.367	
439403	0.102	
439404	0.149	
439405	1.614	
439406	< 0.005	
439407	0.061	
439408	0.134	
439409	0.220	
439410	0.264	
439411	1.512	
439412	0.485	
439413	0.196	
439414	0.054	
439415	0.172	
439416	0.131	
439417	0.082	
439418	3.551	2.78
439419	0.581	
439420	0.215	
439421	0.186	
439422	0.226	
439423	0.320	
439424	< 0.005	
439425	0.300	
439426	0.083	
439427	0.306	
439428	0.330	
439429	0.261	
439430	0.330	
439431	0.124	
439432	0.145	
439433	0.930	
439434	0.527	
439435	0.241	
439436	0.665	
439437	0.299	
439438	0.235	
439439	0.078	
439440	0.165	
439441	0.126	
439442	0.191	
439443	0.052	
439444	0.036	
439445	0.018	
439446	0.066	
439447	0.130	
439448	< 0.005	
439449	0.099	
439450	0.335	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
439451	0.184	
439452	0.160	
439453	0.081	
439454	0.090	
439455	0.066	
439456	0.175	
439457	0.223	
439458	0.248	
439459	0.084	
439460	0.188	
439461	0.309	
439462	0.261	
439463	0.067	
439464	0.194	
439465	0.769	
439466	0.239	
439467	1.151	
439468	0.382	
439469	0.328	
439470	0.376	
439471	0.249	
439472	< 0.005	
439473	0.833	
439474	1.122	
439475	0.104	
439476	0.279	
439477	0.440	
439478	0.471	
439479	0.886	
439480	0.593	
439481	0.161	
439482	0.068	
439483	0.172	
439484	1.398	
439485	0.686	
439486	0.327	
439487	0.154	
439488	0.425	
439489	1.264	
439490	0.273	
439491	0.127	
439492	0.204	
439493	0.064	
439494	0.267	
439495	0.409	
439496	< 0.005	
439497	0.526	
439498	0.118	
439499	0.040	
439500	0.129	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 229b (Fire Assay) Meas		11.9
OREAS 229b (Fire Assay) Cert		11.9
Oreas 237 (Fire Assay) Meas	2.271	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.192	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.289	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.230	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.217	
Oreas 237 (Fire Assay) Cert	2.21	
OREAS 228b (Fire Assay) Meas		8.59
OREAS 228b (Fire Assay) Cert		8.57
Oreas E1336 (Fire Assay) Meas	0.527	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.494	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.521	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.505	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.502	
Oreas E1336 (Fire Assay) Cert	0.510	
439410 Orig	0.246	
439410 Dup	0.282	
439420 Orig	0.250	
439420 Dup	0.181	
439430 Orig	0.339	
439430 Dup	0.321	
439450 Split Orig PREP DUP	0.335	
439450 Split	0.310	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
PREP DUP		
439450 Orig	0.335	
439450 Split PREP DUP	0.310	
439457 Orig	0.194	
439457 Dup	0.253	
439458 Orig	0.279	
439458 Dup	0.216	
439468 Orig	0.401	
439468 Dup	0.363	
439471 Orig	0.270	
439471 Dup	0.228	
439486 Orig	0.332	
439486 Dup	0.323	
439496 Orig	< 0.005	
439496 Dup	< 0.005	
439500 Split Orig PREP DUP	0.129	
439500 Split PREP DUP	0.120	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02



Report No.: A21-12746
Report Date: 05-Aug-21
Date Submitted: 07-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

60 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-50-Timmins, and 1A4 (100mesh)-Timmins.

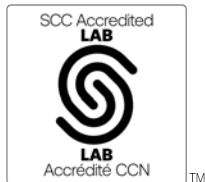
REPORT A21-12746

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

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TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448001	0.051								
448002	0.071								
448003	0.062								
448004	0.117								
448005	0.189								
448006	0.788								
448007	0.147								
448008	2.840								
448009	0.126								
448010	0.140								
448011	0.141								
448012	0.478								
448013	1.042								
448014	0.232								
448015	0.256								
448016	> 5.000	16.2	27.4	0.87	0.81	1.97	54.86	1239.0	1293.9
448017	0.110								
448018	0.186								
448019	0.249								
448020	1.224								
448021	0.153								
448022	0.227								
448023	0.971								
448024	0.006								
448025	0.098								
448026	0.319								
448027	< 0.005								
448028	0.196								
448029	0.343								
448030	0.118								
448031	0.394								
448032	0.267								
448033	0.320								
448034	0.367								
448035	0.370								
448036	0.647								
448037	0.594								
448038	0.571								
448039	> 5.000	8.55	209	3.89	4.13	14.0	68.94	1350.0	1418.9
448040	< 0.005								
448041	0.049								
448042	0.148								
448043	0.052								
448044	0.055								
448045	0.194								
448046	0.595								
448047	0.795								
448048	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448049	0.590								
448050	0.712								
448051	0.481								
448052	0.083								
448053	1.162								
448054	0.113								
448055	0.188								
448056	0.085								
448057	0.014								
448058	0.195								
448059	0.065								
448060	0.172								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.0				11.9			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas						11.9			
OREAS 229b (Fire Assay) Cert						11.9			
Oreas 237 (Fire Assay) Meas	2.136								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.238								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.260								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.118								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.239								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.68				8.50			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas						8.53			
OREAS 228b (Fire Assay) Cert						8.57			
Oreas E1336 (Fire Assay) Meas	0.522								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.519								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.501								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.505								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
448016 Orig			27.4	0.87	0.81	1.97	54.86	1239.0	1293.9
448020 Orig	1.327								
448020 Dup	1.122								
448039 Orig			209	3.89	4.13	14.0	68.94	1350.0	1418.9
448050 Split Orig PREP DUP	0.712								
448050 Split PREP DUP	0.725								
448057 Orig	0.013								
448057 Dup	0.015								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-12968
 Report Date: 05-Aug-21
 Date Submitted: 09-Jul-21
 Your Reference: GOS-234

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

110 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-07-17 17:53:47
1A3-50-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-07-20 13:54:51
1A4 (100mesh)-Timmins	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-07-28 13:56:39

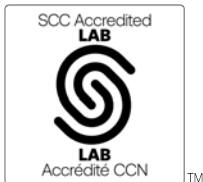
REPORT A21-12968

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448061	0.069								
448062	0.121								
448063	0.176								
448064	0.615								
448065	0.005								
448066	0.128								
448067	4.806	4.96							
448068	0.161								
448069	0.536								
448070	0.345								
448071	4.321	4.16							
448072	< 0.005								
448073	0.490								
448074	1.407								
448075	0.814								
448076	> 5.000	7.59	95.5	5.65	5.19	8.16	30.90	984.00	1014.9
448077	0.700								
448078	0.180								
448079	1.118								
448080	1.174								
448081	0.017								
448082	0.336								
448083	1.999								
448084	1.453								
448085	1.904								
448086	0.613								
448087	0.057								
448088	0.810								
448089	0.206								
448090	0.248								
448091	0.400								
448092	0.197								
448093	1.553								
448094	0.822								
448095	0.660								
448096	< 0.005								
448097	1.334								
448098	0.631								
448099	0.629								
448100	0.789								
448101	0.715								
448102	0.480								
448103	0.545								
448104	0.212								
448105	1.038								
448106	0.597								
448107	3.349	3.81							
448108	0.526								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448109	0.200								
448110	0.238								
448111	0.277								
448112	0.481								
448113	0.318								
448114	0.265								
448115	0.373								
448116	0.098								
448117	0.101								
448118	0.174								
448119	0.434								
448120	< 0.005								
448121	1.716								
448122	0.181								
448123	0.333								
448124	< 0.005								
448125	0.060								
448126	0.176								
448127	0.487								
448128	1.818								
448129	0.723								
448130	2.086								
448131	2.250								
448132	2.978								
448133	0.419								
448134	0.507								
448135	3.049	3.88							
448136	0.678								
448137	1.530								
448138	0.633								
448139	0.504								
448140	> 5.000	6.25	501	8.82	8.46	23.4	36.05	1165.0	1201.1
448141	0.406								
448142	1.021								
448143	0.576								
448144	0.251								
448145	0.348								
448146	1.091								
448147	1.468								
448148	0.011								
448149	0.164								
448150	0.863								
448151	0.126								
448152	0.120								
448153	0.371								
448154	0.951								
448155	0.050								
448156	0.642								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448157	0.403								
448158	0.350								
448159	0.173								
448160	0.181								
448161	0.346								
448162	0.355								
448163	0.108								
448164	0.084								
448165	0.119								
448166	0.136								
448167	0.370								
448168	0.168								
448169	0.056								
448170	0.063								

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne	ppm
Lower Limit	0.03	0.03	0.03	0.03				0.02	0.005
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-GRA	FA-AA
OREAS 229b (Fire Assay) Meas				11.9				11.4	
OREAS 229b (Fire Assay) Cert				11.9				11.9	
OREAS 229b (Fire Assay) Meas				11.9				11.8	
OREAS 229b (Fire Assay) Cert				11.9				11.9	
OREAS 229b (Fire Assay) Meas				11.5				11.8	
OREAS 229b (Fire Assay) Cert				11.9				11.9	
Oreas 237 (Fire Assay) Meas									2.271
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.192
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.158
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.260
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.209
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.297
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.232
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.229
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.259
Oreas 237 (Fire Assay) Cert									2.21
Oreas 237 (Fire Assay) Meas									2.207
Oreas 237 (Fire Assay) Cert									2.21
OREAS 228b (Fire Assay) Meas				8.50				8.22	> 5.000
OREAS 228b				8.57				8.57	8.57

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne	ppm
Lower Limit	0.03	0.03	0.03	0.03				0.02	0.005
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-GRA	FA-AA
(Fire Assay) Cert									
OREAS 228b (Fire Assay) Meas				8.53				8.77	> 5.000
OREAS 228b (Fire Assay) Cert				8.57				8.57	8.57
OREAS 228b (Fire Assay) Meas				8.60				8.60	
OREAS 228b (Fire Assay) Cert				8.57				8.57	
Oreas E1336 (Fire Assay) Meas									0.527
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.494
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.507
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.503
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.512
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.505
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.486
Oreas E1336 (Fire Assay) Cert									0.510
Oreas E1336 (Fire Assay) Meas									0.516
Oreas E1336 (Fire Assay) Cert									0.510
448069 Orig									0.516
448069 Dup									0.557
448076 Orig	95.5	5.65	5.19	8.16	30.90	984.00	1014.9		
448076 Dup									> 5.000
448079 Orig									1.073
448079 Dup									1.163
448089 Orig									0.218
448089 Dup									0.193
448096 Orig									< 0.005
448096 Dup									< 0.005
448107 Dup									3.349
448108 Orig									0.490

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne	ppm
Lower Limit	0.03	0.03	0.03	0.03				0.02	0.005
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-GRA	FA-AA
448108 Dup									0.563
448110 Split Orig PREP DUP									0.238
448110 Split PREP DUP									0.284
448117 Orig									0.090
448117 Dup									0.112
448140 Orig	501	8.82	8.46	23.4	36.05	1165.0	1201.1		
448142 Orig									1.049
448142 Dup									0.993
448152 Orig									0.143
448152 Dup									0.097
448161 Split Orig PREP DUP									0.346
448161 Split PREP DUP									0.277
448162 Orig									0.345
448162 Dup									0.365
448165 Orig									0.115
448165 Dup									0.122
Method Blank									0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.02
Method Blank									< 0.02
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.02
Method Blank									< 0.02
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.03
Method Blank									< 0.03
Method Blank									< 0.02
Method Blank									< 0.02
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.005
Method Blank									< 0.03

Analyte Symbol	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne	ppm
Lower Limit	0.03	0.03	0.03	0.03				0.02	0.005
Method Code	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA	FA-AA
Method Blank				< 0.03					
Method Blank				< 0.03					
Method Blank				< 0.03					



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-13206
 Report Date: 30-Jul-21
 Date Submitted: 12-Jul-21
 Your Reference: GOS-234

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

58 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-07-29 13:21:17

REPORT **A21-13206**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
448171	0.220
448172	< 0.005
448173	0.159
448174	0.116
448175	0.106
448176	0.054
448177	0.014
448178	0.056
448179	1.165
448180	0.104
448181	0.133
448182	0.456
448183	0.043
448184	1.522
448185	0.154
448186	0.097
448187	0.075
448188	0.084
448189	0.093
448190	0.097
448191	< 0.005
448192	0.223
448193	0.182
448194	0.104
448195	0.184
448196	< 0.005
448197	0.092
448198	0.390
448199	0.022
448200	0.017
448201	< 0.005
448202	< 0.005
448203	0.107
448204	0.056
448205	0.006
448206	0.013
448207	0.046
448208	0.087
448209	0.055
448210	< 0.005
448211	0.250
448212	0.506
448213	2.866
448214	0.541
448215	0.057
448216	0.178
448217	0.035
448218	0.130
448219	0.102
448220	0.072
448221	0.275

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
448222	0.268
448223	0.025
448224	< 0.005
448225	0.166
448226	0.923
448227	0.182
448228	0.035

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.271
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.192
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.284
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.279
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.193
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.301
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.127
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.527
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.494
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.524
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.525
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.529
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.492
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.498
Oreas E1336 (Fire Assay) Cert	0.510
448181 Orig	0.157
448181 Dup	0.108

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
448196 Orig	< 0.005
448196 Dup	< 0.005
448206 Orig	0.016
448206 Dup	0.009
448211 Orig	0.264
448211 Dup	0.236
448220 Split Orig PREP DUP	0.072
448220 Split PREP DUP	0.102
448221 Orig	0.279
448221 Dup	0.271
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
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Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-13689
Report Date: 04-Aug-21
Date Submitted: 20-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

40 Core samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested and Testing Date. Row 1: 1A2-Timmins (ppm) | GOP AA-Au (Au - Fire Assay AA) | 2021-07-30 07:21:41

REPORT A21-13689

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
442451	0.061
442452	0.042
442453	0.063
442454	0.021
442455	0.023
442456	0.056
442457	0.013
442458	0.046
442459	0.021
442460	0.173
442461	0.014
442462	0.027
442463	0.024
442464	0.024
442465	0.637
442466	0.017
442467	0.078
442468	0.797
442469	0.013
442470	0.015
442471	0.011
442472	< 0.005
442473	0.029
442474	0.038
442475	0.115
442476	0.032
442477	0.070
442478	0.107
442479	0.152
442480	0.252
442481	0.046
442482	0.578
442483	0.111
442484	1.485
442485	0.078
442486	0.316
442487	0.174
442488	0.120
442489	0.032
442490	0.036

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.290
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.109
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.186
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.513
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.504
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.523
Oreas E1336 (Fire Assay) Cert	0.510
442461 Orig	0.014
442461 Dup	0.015
442470 Orig	0.015
442470 Dup	0.016
442480 Orig	0.276
442480 Dup	0.227
Method Blank	0.005
Method Blank	< 0.005
Method Blank	0.005
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-13683
 Report Date: 03-Aug-21
 Date Submitted: 20-Jul-21
 Your Reference: GOS-234

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

92 Core samples were submitted for analysis.

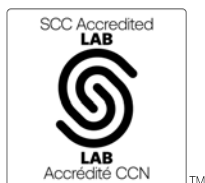
The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-07-29 19:59:47

REPORT **A21-13683**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
448229	0.018
448230	0.014
448231	0.031
448232	< 0.005
448233	< 0.005
448234	< 0.005
448235	0.027
448236	0.679
448237	0.014
448238	< 0.005
448239	0.008
448240	< 0.005
448241	< 0.005
448242	0.018
448243	0.007
448244	0.009
448245	0.023
448246	0.017
448247	0.007
448248	< 0.005
448249	0.008
448250	0.009
448251	0.017
448252	0.065
448253	0.050
448254	0.047
448255	0.027
448256	0.015
448257	< 0.005
448258	< 0.005
448259	< 0.005
448260	0.176
448261	< 0.005
448262	< 0.005
448263	< 0.005
448264	0.008
448265	0.014
448266	0.066
448267	0.049
448268	0.045
448269	0.018
448270	0.009
448271	0.047
448272	< 0.005
448273	0.028
448274	< 0.005
448275	0.006
448276	0.005
448277	0.010
448278	0.009
448279	0.019

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
448280	0.010
448281	0.012
448282	0.007
448283	0.008
448284	1.548
448285	0.051
448286	0.039
448287	0.061
448288	< 0.005
448289	< 0.005
448290	0.017
448291	< 0.005
448292	0.094
448293	< 0.005
448294	0.023
448295	< 0.005
448296	< 0.005
448297	< 0.005
448298	0.006
448299	0.007
448300	0.366
448301	0.120
448302	0.075
448303	< 0.005
448304	0.759
448305	0.349
448306	0.085
448307	0.187
448308	0.171
448309	1.428
448310	0.885
448311	0.080
448312	0.486
448313	0.076
448314	0.038
448315	0.042
448316	0.015
448317	0.184
448318	0.023
448319	0.233
448320	0.261

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.238
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.260
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.254
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.268
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.205
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.519
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.523
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.519
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.525
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.520
Oreas E1336 (Fire Assay) Cert	0.510
448231 Orig	0.030
448231 Dup	0.032
448242 Orig	0.016
448242 Dup	0.019
448252 Orig	0.076
448252 Dup	0.054
448272 Orig	< 0.005
448272 Dup	< 0.005
448278 Split Orig PREP DUP	0.009
448278 Split PREP DUP	0.026
448281 Orig	0.020
448281 Dup	0.005
448291 Orig	0.005
448291 Dup	< 0.005
Method Blank	< 0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005



IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

Report No.: A21-14158
Report Date: 04-Aug-21
Date Submitted: 27-Jul-21
Your Reference: GOS-234

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

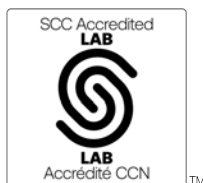
The following analytical package(s) were requested:		Testing Date:
1A2 (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-08-04 08:08:21

REPORT A21-14158

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
448321	1.479
448322	0.086
448323	0.059
448324	< 0.005
448325	0.048
448326	0.057
448327	0.071
448328	0.108
448329	0.082
448330	0.078
448331	0.044
448332	0.115
448333	0.074
448334	0.070
448335	0.153
448336	0.662
448337	0.042
448338	0.023
448339	0.021
448340	0.016
448341	0.031
448342	0.022
448343	0.018
448344	0.066
448345	0.026
448346	0.153
448347	0.046
448348	< 0.005
448349	0.114
448350	0.204
448351	0.038
448352	0.030
448353	0.048
448354	0.667
448355	0.050
448356	0.072
448357	0.054
448358	0.079
448359	0.054
448360	0.166
448361	0.036
448362	0.157
448363	0.018
448364	0.022
448365	0.017
448366	0.046
448367	0.052
448368	0.060
448369	0.064
448370	0.047
448371	0.047

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
448372	0.006
448373	0.089
448374	0.312
448375	0.060
448376	0.160
448377	0.122
448378	0.080
448379	0.108
448380	0.074
448381	0.286
448382	0.151
448383	0.112
448384	1.463
448385	0.155
448386	0.052
448387	0.053
448388	0.016
448389	0.036
448390	0.040
448391	0.141
448392	0.068
448393	0.136
448394	0.128
448395	0.061
448396	< 0.005
448397	0.086
448398	0.058
448399	0.006
448400	0.085
448401	0.186
448402	0.140
448403	0.053
448404	0.126
448405	0.047
448406	0.105
448407	0.175
448408	0.053
448409	0.123
448410	0.061
448411	0.124
448412	0.475
448413	0.007
448414	0.228
448415	0.033
448416	0.046
448417	0.045
448418	0.010
448419	< 0.005
448420	0.031
448421	0.034
448422	0.007

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
448423	0.101
448424	< 0.005
448425	0.012
448426	0.075
448427	0.057
448428	0.008
448429	0.022
448430	0.029
448431	0.249
448432	0.091
448433	0.102
448434	0.033
448435	0.608
448436	0.670
448437	0.113
448438	0.103
448439	0.110
448440	0.077
448441	0.093
448442	0.209
448443	0.040
448444	0.093
448445	0.284
448446	0.006
448447	0.065
448448	< 0.005
448449	0.151
448450	0.201
448451	0.188
448452	0.037
448453	0.034
448454	0.048
448455	0.025
448456	0.031
448457	< 0.005
448458	0.005
448459	0.025
448460	0.173

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.226
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.234
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.153
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.174
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.226
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.154
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.185
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.243
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.502
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.494
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.513
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.490
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.507
Oreas E1336 (Fire Assay) Cert	0.510
448329 Orig	0.083
448329 Dup	0.082
448339 Orig	0.022
448339 Dup	0.021
448349 Orig	0.095
448349 Dup	0.133

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
448356 Orig	0.083
448356 Dup	0.061
448368 Orig	0.049
448368 Dup	0.071
448378 Orig	0.069
448378 Dup	0.090
448388 Orig	0.019
448388 Dup	0.014
448403 Orig	0.059
448403 Dup	0.047
448413 Orig	0.009
448413 Dup	0.005
448427 Orig	0.054
448427 Dup	0.059
448442 Orig	0.199
448442 Dup	0.220
448459 Orig	0.022
448459 Dup	0.029
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005



Report No.: A21-14159
Report Date: 09-Aug-21
Date Submitted: 27-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 3 columns: Analytical package, Description, and Testing Date. Rows include 1A2 (ppm), 1A3-50, and 1A4 (100mesh).

REPORT A21-14159

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448461	0.150								
448462	0.026								
448463	0.013								
448464	0.035								
448465	0.035								
448466	0.032								
448467	0.023								
448468	0.043								
448469	0.026								
448470	0.034								
448471	0.021								
448472	0.005								
448473	0.028								
448474	0.011								
448475	0.013								
448476	0.017								
448477	0.011								
448478	0.007								
448479	0.010								
448480	0.007								
448481	0.010								
448482	0.018								
448483	0.116								
448484	1.434								
448485	0.142								
448486	0.368								
448487	0.572								
448488	0.231								
448489	0.218								
448490	0.165								
448491	0.465								
448492	0.276								
448493	0.344								
448494	0.515								
448495	0.143								
448496	0.009								
448497	0.427								
448498	0.170								
448499	0.691								
448500	0.119								
448501	0.809								
448502	2.451								
448503	0.513								
448504	0.838								
448505	0.682								
448506	0.366								
448507	0.131								
448508	0.449								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448509	> 5.000	7.67	65.5	1.76	2.13	2.48	10.67	1258.0	1268.7
448510	1.868								
448511	0.754								
448512	0.457								
448513	2.170								
448514	4.718	4.66							
448515	0.408								
448516	0.751								
448517	0.266								
448518	0.472								
448519	0.305								
448520	> 5.000	12.5	680	10.2	12.5	25.1	13.65	651.00	664.65
448521	0.257								
448522	0.253								
448523	> 5.000	4.88	122	2.26	2.03	3.61	6.400	518.00	524.40
448524	0.008								
448525	0.239								
448526	0.764								
448527	0.648								
448528	0.501								
448529	0.952								
448530	1.213								
448531	2.004								
448532	> 5.000	9.51	134	9.08	8.66	10.4	14.96	1181.0	1196.0
448533	0.421								
448534	> 5.000	25.2	41.1	27.2	26.4	27.0	22.48	1357.0	1379.5
448535	> 5.000	5.12	41.1	5.41	6.80	6.66	23.17	1435.0	1458.2
448536	0.672								
448537	0.603								
448538	0.791								
448539	0.263								
448540	0.419								
448541	0.569								
448542	0.940								
448543	0.595								
448544	0.429								
448545	0.169								
448546	0.841								
448547	0.331								
448548	< 0.005								
448549	0.377								
448550	0.357								
448551	0.018								
448552	0.335								
448553	0.898								
448554	0.296								
448555	0.658								
448556	0.703								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448557	0.015								
448558	0.008								
448559	1.192								
448560	0.182								
448561	0.652								
448562	0.531								
448563	0.630								
448564	0.468								
448565	0.585								
448566	1.357								
448567	1.116								
448568	0.691								
448569	1.664								
448570	0.845								
448571	0.592								
448572	0.005								
448573	1.925								
448574	0.365								
448575	1.197								
448576	0.512								
448577	0.735								
448578	0.317								
448579	1.956								
448580	0.333								
448581	0.442								
448582	3.421	2.97							
448583	0.619								
448584	1.516								
448585	0.883								
448586	0.232								
448587	0.392								
448588	0.417								
448589	0.339								
448590	0.316								
448591	0.416								
448592	1.099								
448593	0.349								
448594	0.248								
448595	0.229								
448596	< 0.005								
448597	0.331								
448598	0.909								
448599	0.819								
448600	0.519								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.4				11.8			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		12.0				12.3			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.206								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.226								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.234								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.153								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.174								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.226								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.154								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.185								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.243								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas E1336 (Fire Assay) Meas	0.518								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.502								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.494								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank		< 0.02							
Method Blank		< 0.02							



Report No.: A21-14160
Report Date: 09-Aug-21
Date Submitted: 27-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

119 Core samples were submitted for analysis.

Table with 3 columns: Analytical package, Description, and Testing Date. Rows include 1A2 (ppm), 1A3-50, and 1A4 (100mesh).

REPORT A21-14160

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448601	0.304								
448602	0.237								
448603	0.544								
448604	0.311								
448605	0.671								
448606	1.084								
448607	1.733								
448608	1.143								
448609	0.973								
448610	2.092								
448611	0.653								
448612	0.484								
448613	0.915								
448614	0.399								
448615	0.364								
448616	1.459								
448617	1.913								
448618	0.756								
448619	0.348								
448620	0.352								
448621	3.166	3.06							
448622	0.379								
448623	0.598								
448624	0.005								
448625	1.062								
448626	0.703								
448627	1.701								
448628	0.562								
448629	0.184								
448630	0.348								
448631	0.246								
448632	0.211								
448633	1.139								
448634	3.760	3.56							
448635	0.480								
448636	0.656								
448637	0.807								
448638	1.351								
448639	0.562								
448640	0.958								
448641	0.488								
448642	0.435								
448643	0.228								
448644	0.010								
448645	0.011								
448646	0.023								
448647	0.075								
448648	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448649	2.170								
448650	0.364								
448651	0.214								
448652	1.572								
448653	0.635								
448654	0.204								
448655	0.850								
448656	0.507								
448657	0.667								
448658	0.116								
448659	0.032								
448660	0.184								
448661	0.153								
448662	0.422								
448663	0.949								
448664	0.809								
448665	0.294								
448666	0.731								
448667	1.051								
448668	0.216								
448669	1.937								
448670	1.145								
448671	1.210								
448672	0.006								
448673	4.742	4.47							
448674	0.376								
448675	0.268								
448676	0.177								
448677	1.191								
448678	0.300								
448679	0.757								
448680	0.316								
448681	1.038								
448682	0.668								
448683	0.946								
448684	1.476								
448685	0.179								
448686	0.128								
448687	0.519								
448688	0.439								
448689	0.225								
448690	0.212								
448691	0.084								
448692	> 5.000	9.32	116	1.37	1.43	2.05	10.56	1862.0	1872.6
448693	0.330								
448694	0.531								
448695	0.209								
448696	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448697	0.106								
448698	0.307								
448699	0.483								
448700	0.174								
448701	1.450								
448702	0.773								
448703	0.654								
448704	0.887								
448705	0.400								
448706	0.023								
448707	0.100								
448708	2.502								
448709	0.208								
448710	0.259								
448711	0.464								
448712	0.483								
448713	0.287								
448714	0.278								
448715	0.575								
448716	1.030								
448717	0.971								
448718	1.008								
448719	1.233								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.0				11.8			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas						12.3			
OREAS 229b (Fire Assay) Cert						11.9			
Oreas 237 (Fire Assay) Meas	2.143								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.172								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.207								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.113								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.142								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas E1336 (Fire Assay) Meas	0.504								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.504								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.491								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.507								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 228 Meas		8.65							
OREAS 228 Cert		8.73							
448607 Orig	1.867								
448607 Dup	1.599								
448617 Orig	1.996								
448617 Dup	1.830								
448627 Orig	1.683								
448627 Dup	1.720								
448647 Orig	0.059								
448647 Dup	0.092								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448650 Split Orig PREP DUP	0.364								
448650 Split PREP DUP	0.235								
448656 Orig	0.525								
448656 Dup	0.488								
448666 Orig	0.779								
448666 Dup	0.683								
448671 Orig	1.293								
448671 Dup	1.127								
448686 Orig	0.125								
448686 Dup	0.132								
448692 Orig			116	1.37	1.43	2.05	10.56	1862.0	1872.6
448698 Orig	0.268								
448698 Dup	0.345								
448700 Split PREP DUP	0.234								
448700 Split Orig PREP DUP	0.174								
448709 Orig	0.218								
448709 Dup	0.198								
Method Blank	0.005								
Method Blank	0.005								
Method Blank	< 0.02								
Method Blank	< 0.02								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			



IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

Report No.: A21-15272
Report Date: 09-Sep-21
Date Submitted: 12-Aug-21
Your Reference: GOS-234

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

125 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Row 1: 1A3-50, QOP AA-Au (Au - Fire Assay Gravimetric), 2021-09-07 15:07:34. Row 2: 1A4-1000 (100mesh), QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g).

REPORT A21-15272

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Report No.: A21-15272
Report Date: 09-Sep-21
Date Submitted: 12-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

125 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	

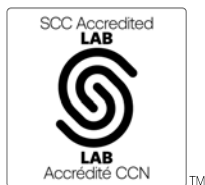
REPORT A21-15272

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448720	0.364								
448721	> 5.000	6.37	205	2.46	2.03	2.93	3.910	1142.0	1145.9
448722	1.212								
448723	0.645								
448724	< 0.005								
448725	0.137								
448726	0.243								
448727	1.124								
448728	0.484								
448729	1.455								
448730	0.953								
448731	0.783								
448732	0.567								
448733	0.252								
448734	0.408								
448735	1.521								
448736	0.670								
448737	1.930								
448738	3.778	3.46							
448739	> 5.000	29.5	383	11.3	11.4	18.8	34.03	1680.0	1714.0
448740	> 5.000	8.39	55.2	3.74	3.13	6.12	89.75	1636.0	1725.8
448741	3.739	3.98							
448742	0.133								
448743	1.030								
448744	1.990								
448745	1.612								
448746	1.155								
448747	1.323								
448748	0.007								
448749	1.643								
448750	1.269								
448751	> 5.000	5.39	19.5	5.95	5.36	5.96	37.36	1636.0	1673.4
448752	4.433	4.38							
448753	0.309								
448754	1.670								
448755	1.694								
448756	3.924	3.67							
448757	1.569								
448758	0.838								
448759	0.380								
448760	0.178								
448761	0.784								
448762	1.364								
448763	0.829								
448764	3.320	3.23							
448765	0.922								
448766	0.587								
448767	0.305								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448768	1.172								
448769	0.930								
448770	0.549								
448771	1.456								
448772	< 0.005								
448773	0.617								
448774	0.793								
448775	0.818								
448776	1.152								
448777	3.825	3.66							
448778	1.161								
448779	0.362								
448780	0.645								
448781	0.514								
448782	0.674								
448783	0.351								
448784	1.495								
448785	0.318								
448786	1.100								
448787	0.299								
448788	0.955								
448789	0.542								
448790	0.668								
448791	> 5.000	7.83	624	9.37	7.98	13.9	22.25	2591.0	2613.3
448792	< 0.005								
448793	0.508								
448794	1.766								
448795	2.068								
448796	0.008								
448797	0.633								
448798	0.440								
448799	0.302								
448800	0.408								
448801	0.632								
448802	2.373								
448803	2.053								
448804	0.643								
448805	0.565								
448806	4.533	4.49							
448807	3.353	3.58							
448808	3.666	3.67							
448809	0.540								
448810	0.370								
448811	0.099								
448812	0.482								
448813	0.020								
448814	0.211								
448815	0.018								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448816	0.469								
448817	0.020								
448818	0.215								
448819	0.637								
448820	0.069								
448821	0.267								
448822	0.210								
448823	0.067								
448824	< 0.005								
448825	0.037								
448826	0.320								
448827	0.157								
448828	0.153								
448829	0.209								
448830	0.156								
448831	0.345								
448832	0.112								
448833	0.343								
448834	0.274								
448835	0.428								
448836	0.654								
448837	0.220								
448838	2.426								
448839	0.005								
448840	0.397								
448841	0.642								
448842	0.475								
448843	0.085								
448844	0.283								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.1				11.8			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		12.0							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire Assay) Meas	2.167								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.212								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.251								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.217								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.238								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas E1336 (Fire Assay) Meas	0.497								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.487								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.499								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.510								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 228 Meas		8.44							
OREAS 228 Cert		8.73							
OREAS 228 Meas		8.76							
OREAS 228 Cert		8.73							
448721 Orig			205	2.46	2.03	2.93	3.910	1142.0	1145.9
448739 Orig			383	11.3	11.4	18.8	34.03	1680.0	1714.0
448740 Orig			55.2	3.74	3.13	6.12	89.75	1636.0	1725.8
448751 Orig			19.5	5.95	5.36	5.96	37.36	1636.0	1673.4
448764 Orig	3.344								
448764 Dup	3.296								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448769 Split Orig PREP DUP	0.930								
448769 Split PREP DUP	0.869								
448773 Orig	0.618								
448773 Dup	0.615								
448782 Orig	0.699								
448782 Dup	0.650								
448791 Orig			624	9.37	7.98	13.9	22.25	2591.0	2613.3
448797 Orig	0.628								
448797 Dup	0.638								
448806 Orig	4.387								
448806 Dup	4.679								
448819 Split PREP DUP	0.638								
448819 Split Orig PREP DUP	0.637								
448820 Orig	0.075								
448820 Dup	0.064								
448828 Orig	0.152								
448828 Dup	0.155								
448840 Orig	0.376								
448840 Dup	0.418								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank	0.005								
Method Blank	0.005								
Method Blank						< 0.03			
Method Blank						< 0.03			



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-13683
 Report Date: 03-Aug-21
 Date Submitted: 20-Jul-21
 Your Reference: GOS-234

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

92 Core samples were submitted for analysis.

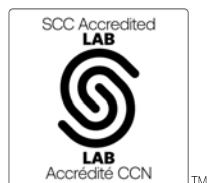
The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-07-29 19:59:47

REPORT **A21-13683**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
448229	0.018
448230	0.014
448231	0.031
448232	< 0.005
448233	< 0.005
448234	< 0.005
448235	0.027
448236	0.679
448237	0.014
448238	< 0.005
448239	0.008
448240	< 0.005
448241	< 0.005
448242	0.018
448243	0.007
448244	0.009
448245	0.023
448246	0.017
448247	0.007
448248	< 0.005
448249	0.008
448250	0.009
448251	0.017
448252	0.065
448253	0.050
448254	0.047
448255	0.027
448256	0.015
448257	< 0.005
448258	< 0.005
448259	< 0.005
448260	0.176
448261	< 0.005
448262	< 0.005
448263	< 0.005
448264	0.008
448265	0.014
448266	0.066
448267	0.049
448268	0.045
448269	0.018
448270	0.009
448271	0.047
448272	< 0.005
448273	0.028
448274	< 0.005
448275	0.006
448276	0.005
448277	0.010
448278	0.009
448279	0.019

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
448280	0.010
448281	0.012
448282	0.007
448283	0.008
448284	1.548
448285	0.051
448286	0.039
448287	0.061
448288	< 0.005
448289	< 0.005
448290	0.017
448291	< 0.005
448292	0.094
448293	< 0.005
448294	0.023
448295	< 0.005
448296	< 0.005
448297	< 0.005
448298	0.006
448299	0.007
448300	0.366
448301	0.120
448302	0.075
448303	< 0.005
448304	0.759
448305	0.349
448306	0.085
448307	0.187
448308	0.171
448309	1.428
448310	0.885
448311	0.080
448312	0.486
448313	0.076
448314	0.038
448315	0.042
448316	0.015
448317	0.184
448318	0.023
448319	0.233
448320	0.261

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.238
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.260
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.254
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.268
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.205
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.519
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.523
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.519
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.525
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.520
Oreas E1336 (Fire Assay) Cert	0.510
448231 Orig	0.030
448231 Dup	0.032
448242 Orig	0.016
448242 Dup	0.019
448252 Orig	0.076
448252 Dup	0.054
448272 Orig	< 0.005
448272 Dup	< 0.005
448278 Split Orig PREP DUP	0.009
448278 Split PREP DUP	0.026
448281 Orig	0.020
448281 Dup	0.005
448291 Orig	0.005
448291 Dup	< 0.005
Method Blank	< 0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005



Report No.: A21-13686-Revised
Report Date: 05-Aug-21
Date Submitted: 20-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

98 Core samples were submitted for analysis.

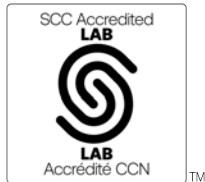
Table with 3 columns: Analytical package requested, Method, and Testing Date. Rows include 1A2-Timmins (ppm) and 1A3-50-Timmins.

REPORT A21-13686-Revised

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
433303	0.052	
433304	0.044	
433305	0.021	
433306	0.019	
433307	0.023	
433308	0.058	
433309	0.306	
433310	0.046	
433311	0.049	
433312	0.473	
433313	0.069	
433314	0.082	
433315	0.200	
433316	0.042	
433317	0.023	
433318	0.112	
433319	0.056	
433320	0.044	
433321	0.302	
433322	< 0.005	
433323	0.040	
433324	< 0.005	
433325	0.036	
433326	0.040	
433327	0.037	
433328	0.028	
433329	0.011	
433330	0.006	
433331	0.036	
433332	0.140	
433333	0.013	
433334	< 0.005	
433335	0.071	
433336	0.686	
433337	0.030	
433338	0.041	
433339	0.030	
433340	0.108	
433341	0.032	
433342	0.802	
433343	0.018	
433344	0.059	
433345	0.174	
433346	0.038	
433347	0.861	
433348	< 0.005	
433349	0.630	
433350	0.996	
433351	4.422	4.45
433352	0.578	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
433353	0.920	
433354	< 0.005	
433355	0.175	
433356	0.187	
433357	0.196	
433358	0.273	
433359	0.049	
433360	0.173	
433361	0.060	
433362	0.248	
433363	0.127	
433364	0.039	
433365	0.014	
433366	0.145	
433367	0.141	
433368	0.355	
433369	0.101	
433370	0.087	
433371	0.436	
433372	< 0.005	
433373	1.327	
433374	0.252	
433375	0.339	
433376	0.207	
433377	0.375	
433378	0.193	
433379	0.856	
433380	0.445	
433381	0.261	
433382	0.102	
433383	0.749	
433384	1.445	
433385	0.208	
433386	0.111	
433387	0.091	
433388	0.132	
433389	0.085	
433390	0.175	
433391	0.198	
433392	0.089	
433393	0.154	
433394	0.065	
433395	0.040	
433396	< 0.005	
433397	0.082	
433398	0.241	
433399	0.562	
433400	0.233	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 229b (Fire Assay) Meas		11.6
OREAS 229b (Fire Assay) Cert		11.9
Oreas 237 (Fire Assay) Meas	2.238	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.260	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.279	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.274	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.204	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.274	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.225	
Oreas 237 (Fire Assay) Cert	2.21	
OREAS 228b (Fire Assay) Meas		8.47
OREAS 228b (Fire Assay) Cert		8.57
Oreas E1336 (Fire Assay) Meas	0.519	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.523	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.517	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.509	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.502	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.527	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.523	
Oreas E1336 (Fire Assay) Cert	0.510	
433313 Orig	0.075	
433313 Dup	0.064	
433322 Orig	< 0.005	
433322 Dup	< 0.005	
433332 Orig	0.169	
433332 Dup	0.111	
433352 Split Orig PREP DUP	0.578	
433352 Split PREP DUP	0.548	
433359 Orig	0.051	
433359 Dup	0.048	
433361 Orig	0.062	
433361 Dup	0.058	
433370 Orig	0.091	
433370 Dup	0.083	
433373 Orig	1.244	
433373 Dup	1.411	
433388 Orig	0.131	
433388 Dup	0.132	
433398 Orig	0.271	
433398 Dup	0.210	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank	< 0.005	
Method Blank		< 0.02
Method Blank		< 0.02



Report No.: A21-14056
Report Date: 05-Aug-21
Date Submitted: 23-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

42 Core samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested and Testing Date. Row 1: 1A2-Timmins (ppm) | QOP AA-Au (Au - Fire Assay AA) | 2021-07-30 10:17:35

REPORT A21-14056

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433789	0.794								
433790	0.224								
433791	0.450								
433792	0.656								
433793	2.726								
433794	0.345								
433795	0.014								
433796	< 0.005								
433797	0.007								
433798	0.206								
433799	0.075								
433800	1.111								
433801	0.187								
433802	0.204								
433803	0.123								
433804	0.189								
433805	0.463								
433806	0.423								
433807	0.329								
433808	0.304								
433809	0.277								
433810	0.357								
433811	3.201	3.07							
433812	0.500								
433813	0.762								
433814	0.024								
433815	0.297								
433816	0.425								
433817	> 5.000	20.2	1660	8.36	8.67	10.2	1.040	1009.0	1010.0
433818	0.082								
433819	0.770								
433820	0.825								
433821	0.734								
433822	0.208								
433823	1.303								
433824	< 0.005								
433825	0.160								
433826	1.894								
433827	0.997								
433828	1.047								
433829	1.117								
433830	0.874								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.0				11.9			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas						11.9			
OREAS 229b (Fire Assay) Cert						11.9			
Oreas 237 (Fire Assay) Meas	2.234								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.234								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.125								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.300								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 228b (Fire Assay) Meas		8.68				8.50			
OREAS 228b (Fire Assay) Cert		8.57				8.57			
OREAS 228b (Fire Assay) Meas						8.53			
OREAS 228b (Fire Assay) Cert						8.57			
Oreas E1336 (Fire Assay) Meas	0.492								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.505								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.504								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.510								
Oreas E1336 (Fire Assay) Cert	0.510								
433798 Orig	0.234								
433798 Dup	0.177								
433808 Orig	0.288								
433808 Dup	0.320								
433817 Orig			1660	8.36	8.67	10.2	1.040	1009.0	1010.0
433818 Orig	0.099								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433818 Dup	0.066								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-14057
 Report Date: 05-Aug-21
 Date Submitted: 23-Jul-21
 Your Reference: GOS-234

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

100 Core samples were submitted for analysis.

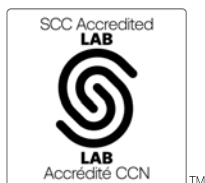
The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	GOP AA-Au (Au - Fire Assay AA)	2021-07-30 10:17:35

REPORT **A21-14057**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
433401	0.424
433402	0.958
433403	1.710
433404	0.334
433405	0.397
433406	0.173
433407	0.895
433408	1.068
433409	0.956
433410	0.882
433411	1.335
433412	0.452
433413	1.218
433414	1.480
433415	0.979
433416	0.613
433417	0.628
433418	0.693
433419	1.232
433420	1.401
433421	0.023
433422	0.011
433423	0.005
433424	< 0.005
433425	0.589
433426	1.791
433427	0.174
433428	0.354
433429	0.175
433430	0.179
433431	0.008
433432	0.214
433433	0.320
433434	0.638
433435	0.378
433436	0.658
433437	0.360
433438	0.364
433439	0.750
433440	0.855
433441	0.638
433442	0.988
433443	0.471
433444	0.969
433445	0.588
433446	0.170
433447	0.160
433448	< 0.005
433449	0.905
433450	0.944
433451	0.380

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
433452	0.270
433453	0.617
433454	0.418
433455	0.590
433456	0.683
433457	0.620
433458	0.606
433459	0.758
433460	0.175
433461	0.388
433462	0.353
433463	0.455
433464	1.315
433465	1.035
433466	0.299
433467	0.654
433468	0.513
433469	0.746
433470	0.920
433471	0.358
433472	< 0.005
433473	0.944
433474	1.019
433475	1.854
433476	0.653
433477	0.729
433478	0.603
433479	0.425
433480	0.432
433481	0.847
433482	0.534
433483	0.253
433484	1.466
433485	0.421
433486	0.076
433487	0.458
433488	0.121
433489	0.997
433490	0.464
433491	0.794
433492	0.785
433493	0.533
433494	0.839
433495	1.537
433496	< 0.005
433497	2.408
433498	0.362
433499	0.980
433500	0.682

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.127
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.297
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.195
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.277
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.493
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.509
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.518
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.495
Oreas E1336 (Fire Assay) Cert	0.510
433407 Orig	0.846
433407 Dup	0.943
433417 Orig	0.638
433417 Dup	0.618
433425 Orig	0.601
433425 Dup	0.577
433427 Orig	0.181
433427 Dup	0.167
433447 Orig	0.146
433447 Dup	0.173
433450 Split Orig PREP DUP	0.944
433450 Split PREP DUP	0.845
433456 Orig	0.643
433456 Dup	0.724
433471 Orig	0.328
433471 Dup	0.387
433486 Orig	0.077
433486 Dup	0.076
433496 Orig	< 0.005
433496 Dup	< 0.005
433500 Split PREP DUP	0.585

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
433500 Split Orig PREP DUP	0.682
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-14154
 Report Date: 10-Aug-21
 Date Submitted: 27-Jul-21
 Your Reference: GOS-234

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2 (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-08-03 11:03:27
1A3-50	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-08-05 14:31:14
1A4 (100mesh)	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-08-09 15:41:21

REPORT A21-14154

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
 41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
 TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433831	0.807								
433832	2.111								
433833	1.433								
433834	> 5.000	13.2	423	20.5	20.9	24.8	12.77	1259.0	1271.8
433835	2.394								
433836	0.665								
433837	1.487								
433838	0.835								
433839	2.849								
433840	4.561	4.73	10.1	4.63	3.30	4.16	28.75	880.00	908.75
433841	1.156								
433842	0.932								
433843	0.603								
433844	2.074								
433845	0.618								
433846	2.031								
433847	0.563								
433848	0.006								
433849	0.367								
433850	0.370								
433851	0.964								
433852	0.702								
433853	2.166								
433854	> 5.000	4.64	17.1	6.61	6.02	6.65	44.49	1388.0	1432.5
433855	0.330								
433856	0.456								
433857	0.507								
433858	0.620								
433859	2.842								
433860	0.192								
433861	0.947								
433862	0.788								
433863	3.859	3.94							
433864	2.342								
433865	0.609								
433866	0.483								
433867	0.258								
433868	0.019								
433869	> 5.000	14.0	524	4.66	4.90	11.1	16.41	1328.0	1344.4
433870	2.069								
433871	1.251								
433872	0.007								
433873	2.800								
433874	1.187								
433875	0.827								
433876	0.632								
433877	1.148								
433878	1.885								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433879	0.523								
433880	0.591								
433881	4.784	4.75							
433882	0.893								
433883	0.795								
433884	1.438								
433885	4.549	4.43	87.1	3.69	2.97	6.09	45.41	1334.0	1379.4
433886	4.126	3.86							
433887	0.102								
433888	0.459								
433889	0.469								
433890	0.457								
433891	1.006								
433892	1.764								
433893	0.850								
433894	0.716								
433895	0.759								
433896	0.006								
433897	0.761								
433898	1.462								
433899	1.587								
433900	1.997								
433901	> 5.000	20.9	129	3.58	3.16	6.82	35.06	1239.0	1274.1
433902	1.530								
433903	1.193								
433904	3.186	3.79							
433905	1.353								
433906	1.717								
433907	1.356								
433908	1.566								
433909	1.033								
433910	1.342								
433911	1.261								
433912	0.479								
433913	2.076								
433914	1.038								
433915	0.664								
433916	1.447								
433917	0.996								
433918	0.782								
433919	0.206								
433920	0.641								
433921	0.634								
433922	0.900								
433923	0.529								
433924	< 0.005								
433925	1.558								
433926	0.832								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433927	0.949								
433928	0.877								
433929	0.793								
433930	0.945								
433931	0.539								
433932	1.237								
433933	0.917								
433934	0.962								
433935	1.182								
433936	0.684								
433937	1.019								
433938	1.644								
433939	2.303								
433940	1.962								
433941	0.601								
433942	0.348								
433943	0.717								
433944	0.841								
433945	0.547								
433946	0.682								
433947	2.619								
433948	0.011								
433949	0.450								
433950	0.030								
433951	0.671								
433952	1.121								
433953	0.637								
433954	0.326								
433955	0.097								
433956	0.720								
433957	0.632								
433958	0.598								
433959	1.685								
433960	0.182								
433961	2.218								
433962	1.627								
433963	1.378								
433964	1.727								
433965	1.428								
433966	0.801								
433967	1.447								
433968	1.935								
433969	0.864								
433970	1.038								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
OREAS 229b (Fire Assay) Meas					11.8				11.6
OREAS 229b (Fire Assay) Cert					11.9				11.9
OREAS 229b (Fire Assay) Meas					12.3				12.0
OREAS 229b (Fire Assay) Cert					11.9				11.9
Oreas 237 (Fire Assay) Meas	2.180								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.143								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.208								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.179								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.194								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.183								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.500								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.504								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.505								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.498								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.503								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.501								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 228 Meas									8.37
OREAS 228 Cert									8.73
OREAS 228 Meas									8.65
OREAS 228 Cert									8.73
433832 Dup	2.111								
433834 Orig		423	20.5	20.9	24.8	12.77	1259.0	1271.8	
433840 Orig	4.797	10.1	4.63	3.30	4.16	28.75	880.00	908.75	
433840 Dup	4.324								
433850 Orig	0.375								
433850 Dup	0.365								
433854 Orig		17.1	6.61	6.02	6.65	44.49	1388.0	1432.5	
433861 Orig	0.929								
433861 Dup	0.966								
433869 Orig		524	4.66	4.90	11.1	16.41	1328.0	1344.4	
433872 Orig	0.006								
433872 Dup	0.007								
433880 Split Orig PREP DUP	0.591								
433880 Split PREP DUP	0.614								
433882 Orig	0.845								
433882 Dup	0.940								
433885 Orig	4.549	87.1	3.69	2.97	6.09	45.41	1334.0	1379.4	
433887 Orig	0.111								
433887 Dup	0.092								
433901 Orig		129	3.58	3.16	6.82	35.06	1239.0	1274.1	
433916 Orig	1.365								
433916 Dup	1.528								
433930 Split PREP DUP	0.802								
433930 Split Orig PREP DUP	0.945								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank									< 0.02
Method Blank									< 0.02
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank									< 0.02
Method Blank									< 0.02

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
Method Blank					< 0.03				
Method Blank					< 0.03				
Method Blank					< 0.03				
Method Blank					< 0.03				
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								



Report No.: A21-14156
Report Date: 09-Aug-21
Date Submitted: 27-Jul-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

67 Core samples were submitted for analysis.

Table with 3 columns: Analytical package, Description, and Testing Date. Rows include 1A2 (ppm), 1A3-50, and 1A4 (100mesh).

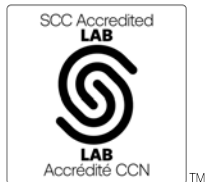
REPORT A21-14156

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
433971	1.046								
433972	0.005								
433973	4.724	4.59							
433974	2.729								
433975	2.457								
433976	> 5.000	7.30	67.6	6.96	6.83	7.28	6.350	989.00	995.35
433977	> 5.000	5.67	85.1	5.32	4.96	5.72	7.810	1070.0	1077.8
433978	1.841								
433979	2.844								
433980	0.631								
433981	1.779								
433982	3.690	4.19							
433983	> 5.000	5.17	23.7	6.04	5.77	6.09	10.08	950.00	960.08
433984	1.434								
433985	0.397								
433986	0.586								
433987	> 5.000	6.52	28.6	8.41	7.71	8.35	11.64	811.00	822.64
433988	0.443								
433989	0.359								
433990	0.728								
433991	1.125								
433992	1.004								
433993	> 5.000	10.1	65.4	8.00	7.59	9.69	30.26	887.00	917.26
433994	3.606	2.90							
433995	1.700								
433996	0.008								
433997	> 5.000	20.8	221	7.20	6.85	9.05	11.69	1223.0	1234.7
433998	0.253								
433999	1.765								
434000	0.280								
441001	1.956								
441002	4.837	4.74							
441003	4.773	4.26							
441004	> 5.000	11.7	705	3.58	4.39	8.09	7.520	1278.0	1285.5
441005	1.724								
441006	> 5.000	4.63	4.09	2.66	3.01	2.88	33.73	980.00	1013.7
441007	0.268								
441008	0.840								
441009	0.429								
441010	0.627								
441011	4.921	4.34							
441012	0.466								
441013	1.029								
441014	0.240								
441015	0.252								
441016	0.300								
441017	1.354								
441018	0.295								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
441019	0.143								
441020	0.123								
441021	1.519								
441022	2.909								
441023	0.154								
441024	< 0.005								
441025	0.470								
441026	0.312								
441027	0.118								
441028	0.147								
441029	0.142								
441030	0.940								
441031	1.245								
441032	0.181								
441033	0.317								
441034	3.080	3.43							
441035	1.827								
441036	0.670								
441037	0.276								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.4				11.8			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		12.0				12.3			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.206								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.194								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.180								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas E1336 (Fire Assay) Meas	0.518								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 228 Meas		8.86							
OREAS 228 Cert		8.73							
OREAS 228 Meas		8.81							
OREAS 228 Cert		8.73							
433976 Orig			67.6	6.96	6.83	7.28	6.350	989.00	995.35
433977 Orig			85.1	5.32	4.96	5.72	7.810	1070.0	1077.8
433983 Orig			23.7	6.04	5.77	6.09	10.08	950.00	960.08
433987 Orig			28.6	8.41	7.71	8.35	11.64	811.00	822.64
433993 Orig			65.4	8.00	7.59	9.69	30.26	887.00	917.26
433997 Orig			221	7.20	6.85	9.05	11.69	1223.0	1234.7
434000 Orig	0.274								
434000 Dup	0.285								
441004 Orig			705	3.58	4.39	8.09	7.520	1278.0	1285.5
441006 Orig			4.09	2.66	3.01	2.88	33.73	980.00	1013.7
441015 Orig	0.276								
441015 Dup	0.227								
441020 Split Orig PREP DUP	0.123								
441020 Split PREP DUP	0.154								
441024 Orig	< 0.005								
441024 Dup	< 0.005								
441034 Orig	3.305								
441034 Dup	2.854								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank		< 0.02							
Method Blank		< 0.02							



Report No.: A21-15269
Report Date: 14-Sep-21
Date Submitted: 12-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
Row 1: 1A2-Timmins (ppm) | GOP AA-Au (Au - Fire Assay AA)

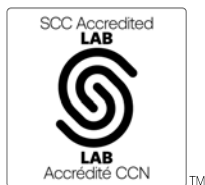
REPORT A21-15269

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

[Handwritten signature]

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Report No.: A21-15269
Report Date: 14-Sep-21
Date Submitted: 12-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A3-50	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-09-09 16:34:13
1A4 (100mesh)	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-09-14 12:56:44

REPORT A21-15269

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
443641	0.057								
443642	0.272								
443643	0.395								
443644	0.213								
443645	0.107								
443646	1.353								
443647	0.364								
443648	< 0.005								
443649	0.116								
443650	0.181								
443651	0.100								
443652	0.190								
443653	0.231								
443654	0.096								
443655	0.137								
443656	0.218								
443657	0.169								
443658	0.155								
443659	0.131								
443660	0.176								
443661	0.102								
443662	0.137								
443663	0.070								
443664	0.152								
443665	0.027								
443666	0.228								
443667	0.012								
443668	0.441								
443669	0.259								
443670	0.154								
443671	0.021								
443672	< 0.005								
443673	0.105								
443674	0.094								
443675	0.139								
443676	0.150								
443677	0.416								
443678	> 5.000	8.94	68.3	4.00	4.11	5.51	40.49	1751.0	1791.5
443679	0.212								
443680	0.148								
443681	0.083								
443682	0.164								
443683	0.490								
443684	1.499								
443685	0.068								
443686	0.134								
443687	0.122								
443688	0.255								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
443689	0.053								
443690	0.064								
443691	0.588								
443692	0.136								
443693	0.843								
443694	0.483								
443695	0.101								
443696	< 0.005								
443697	0.601								
443698	0.217								
443699	1.042								
443700	0.861								
443701	1.993								
443702	0.436								
443703	1.523								
443704	0.851								
443705	1.084								
443706	0.373								
443707	0.196								
443708	< 0.005								
443709	0.172								
443710	0.243								
443711	0.189								
443712	0.474								
443713	0.021								
443714	1.471								
443715	0.258								
443716	0.173								
443717	0.089								
443718	0.836								
443719	0.553								
443720	0.077								
443721	0.327								
443722	0.337								
443723	2.717								
443724	< 0.005								
443725	0.046								
443726	0.095								
443727	0.084								
443728	0.526								
443729	0.063								
443730	0.043								
443731	0.029								
443732	0.056								
443733	0.150								
443734	0.346								
443735	0.049								
443736	0.646								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
443737	0.086								
443738	0.309								
443739	0.156								
443740	0.036								
443741	0.021								
443742	0.020								
443743	0.011								
443744	0.039								
443745	0.016								
443746	0.016								
443747	0.656								
443748	< 0.005								
443749	0.096								
443750	0.073								
443751	0.079								
443752	0.558								
443753	0.238								
443754	2.751								
443755	0.076								
443756	0.192								
443757	0.086								
443758	0.190								
443759	0.375								
443760	0.171								
443761	0.207								
443762	4.911	3.93							
443763	0.036								
443764	0.207								
443765	0.176								
443766	1.351								
443767	0.391								
443768	0.255								
443769	0.134								
443770	0.133								
443771	0.195								
443772	< 0.005								
443773	0.478								
443774	0.884								
443775	0.514								
443776	0.699								
443777	0.599								
443778	0.846								
443779	2.751								
443780	1.953								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas						12.4			
OREAS 229b (Fire Assay) Cert						11.9			
Oreas 237 (Fire Assay) Meas	2.232								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.207								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.243								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.244								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.216								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.496								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.503								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.482								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.501								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 228 Meas		8.43							
OREAS 228 Cert		8.73							
443648 Orig	< 0.005								
443648 Dup	< 0.005								
443658 Orig	0.154								
443658 Dup	0.156								
443678 Orig			68.3	4.00	4.11	5.51	40.49	1751.0	1791.5
443690 Split Orig PREP DUP	0.064								
443690 Split	0.072								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
PREP DUP									
443721 Orig	0.261								
443721 Dup	0.394								
443740 Split PREP DUP	0.051								
443740 Split Orig PREP DUP	0.036								
443748 Orig	0.005								
443748 Dup	< 0.005								
443770 Orig	0.146								
443770 Dup	0.121								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-15270
Report Date: 16-Sep-21
Date Submitted: 12-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A3-50 and 1A4 (100mesh) with their respective testing dates.

REPORT A21-15270

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Report No.: A21-15270
Report Date: 16-Sep-21
Date Submitted: 12-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	

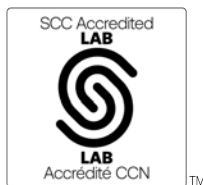
REPORT A21-15270

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
443501	0.007								
443502	0.013								
443503	0.014								
443504	0.006								
443505	< 0.005								
443506	0.011								
443507	0.222								
443508	0.184								
443509	0.116								
443510	0.007								
443511	< 0.005								
443512	0.480								
443513	0.016								
443514	< 0.005								
443515	< 0.005								
443516	0.027								
443517	0.059								
443518	0.008								
443519	0.013								
443520	0.038								
443521	< 0.005								
443522	< 0.005								
443523	0.013								
443524	< 0.005								
443525	0.020								
443526	< 0.005								
443527	0.011								
443528	0.051								
443529	2.772								
443530	> 5.000	123	1.64	2.06	3.72	33.62	2141.0	2174.6	3.00
443531	0.301								
443532	0.019								
443533	0.325								
443534	0.351								
443535	0.021								
443536	0.664								
443537	0.037								
443538	0.218								
443539	0.229								
443540	0.046								
443541	0.067								
443542	0.659								
443543	0.032								
443544	0.063								
443545	0.013								
443546	0.005								
443547	0.026								
443548	< 0.005								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
443549	0.032								
443550	0.021								
443551	0.118								
443552	0.111								
443553	0.096								
443554	0.090								
443555	0.018								
443556	0.068								
443557	0.067								
443558	0.074								
443559	0.030								
443560	0.167								
443561	0.148								
443562	0.128								
443563	0.480								
443564	0.337								
443565	0.069								
443566	0.057								
443567	0.064								
443568	0.027								
443569	0.068								
443570	0.040								
443571	0.005								
443572	< 0.005								
443573	0.040								
443574	0.628								
443575	0.015								
443576	0.034								
443577	0.010								
443578	< 0.005								
443579	0.022								
443580	0.027								
443581	0.035								
443582	0.034								
443583	0.043								
443584	1.479								
443585	0.076								
443586	0.008								
443587	0.007								
443588	0.007								
443589	0.026								
443590	0.026								
443591	0.023								
443592	0.160								
443593	0.068								
443594	< 0.005								
443595	< 0.005								
443596	< 0.005								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
443597	< 0.005								
443598	0.063								
443599	0.102								
443600	0.225								
443601	0.143								
443602	0.098								
443603	0.010								
443604	0.123								
443605	< 0.005								
443606	0.031								
443607	0.083								
443608	0.096								
443609	0.016								
443610	0.046								
443611	0.044								
443612	0.503								
443613	0.028								
443614	0.028								
443615	0.071								
443616	0.545								
443617	0.131								
443618	0.105								
443619	0.155								
443620	0.052								
443621	0.332								
443622	0.233								
443623	0.466								
443624	< 0.005								
443625	0.229								
443626	0.110								
443627	0.048								
443628	0.029								
443629	0.050								
443630	0.072								
443631	0.068								
443632	0.113								
443633	0.324								
443634	0.632								
443635	0.255								
443636	0.673								
443637	0.234								
443638	0.068								
443639	0.105								
443640	0.030								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
OREAS 229b (Fire Assay) Meas					11.8				11.6
OREAS 229b (Fire Assay) Cert					11.9				11.9
Oreas 237 (Fire Assay) Meas	2.190								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.202								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.269								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.271								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.230								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.260								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas E1336 (Fire Assay) Meas	0.510								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.504								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.495								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.512								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 228 Meas									8.59
OREAS 228 Cert									8.73
443505 Orig	< 0.005								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	g/mt	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
443505 Dup	< 0.005								
443515 Orig	< 0.005								
443515 Dup	< 0.005								
443524 Orig	< 0.005								
443524 Dup	< 0.005								
443530 Orig		123	1.64	2.06	3.72	33.62	2141.0	2174.6	
443543 Orig	0.036								
443543 Dup	0.027								
443550 Split Orig PREP DUP	0.021								
443550 Split PREP DUP	0.023								
443562 Orig	0.153								
443562 Dup	0.104								
443582 Orig	0.041								
443582 Dup	0.026								
443600 Split PREP DUP	0.156								
443600 Split Orig PREP DUP	0.225								
443619 Orig	0.185								
443619 Dup	0.125								
443628 Orig	0.026								
443628 Dup	0.031								
443633 Orig	0.382								
443633 Dup	0.267								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank					< 0.03				
Method Blank					< 0.03				
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank									< 0.02
Method Blank									< 0.02



Report No.: A21-15277
Report Date: 06-Oct-21
Date Submitted: 12-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

50 Core samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested, Testing Date. Row 1: 1A2-Timmins (ppm), GOP AA-Au (Au - Fire Assay AA)

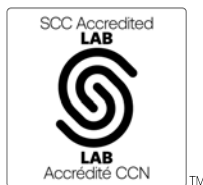
REPORT A21-15277

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Report No.: A21-15277
Report Date: 06-Oct-21
Date Submitted: 12-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

50 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A3-50	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-09-13 13:49:57
1A4 (100mesh)	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-10-06 14:44:32

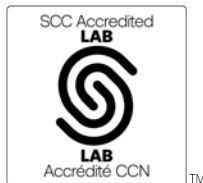
REPORT A21-15277

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Notes:

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LabID: 266

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TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
443781	0.911								
443782	3.404	3.25							
443783	0.009								
443784	1.509								
443785	0.128								
443786	0.586								
443787	0.351								
443788	1.175								
443789	0.355								
443790	0.330								
443791	0.337								
443792	0.946								
443793	0.138								
443794	0.200								
443795	0.139								
443796	0.010								
443797	0.161								
443798	0.214								
443799	0.228								
443800	1.546								
443801	0.188								
443802	0.188								
443803	> 5.000	9.53	579	2.29	2.04	4.99	5.320	1082.0	1087.3
443804	0.006								
443805	0.067								
443806	0.077								
443807	0.011								
443808	4.584	3.85							
443809	0.241								
443810	0.195								
443811	0.259								
443812	0.501								
443813	0.272								
443814	0.257								
443815	0.210								
443816	0.520								
443817	0.174								
443818	0.239								
443819	0.090								
443820	0.123								
443821	0.180								
443822	0.168								
443823	0.158								
443824	0.005								
443825	0.498								
443826	0.840								
443827	0.427								
443828	0.274								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
443829	0.213								
443830	0.225								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.8							
OREAS 229b (Fire Assay) Cert		11.9							
OREAS 229b (Fire Assay) Meas		12.1							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire Assay) Meas	2.190								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.218								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.271								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.245								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.205								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 257b (Fire Assay) Meas						13.5			
OREAS 257b (Fire Assay) Cert						14.2			
Oreas E1336 (Fire Assay) Meas	0.510								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.508								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.508								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.508								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.519								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 228 Meas		8.44							
OREAS 228 Cert		8.73							
OREAS 228 Meas		8.74							

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 228 Cert		8.73							
443803 Orig	> 5.000		579	2.29	2.04	4.99	5.320	1082.0	1087.3
443803 Dup	> 5.000								
443806 Orig	0.086								
443806 Dup	0.068								
443820 Orig	0.130								
443820 Dup	0.116								
443829 Orig	0.192								
443829 Dup	0.233								
443830 Split Orig PREP DUP	0.225								
443830 Split PREP DUP	0.247								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-16004
Report Date: 05-Oct-21
Date Submitted: 23-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 3 columns: Analytical package, Description, and Testing Date. Rows include 1A2 (ppm), 1A3-50, and 1A4 (100mesh).

REPORT A21-16004

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
443831	0.673								
443832	0.537								
443833	0.163								
443834	0.216								
443835	0.203								
443836	0.674								
443837	0.629								
443838	0.225								
443839	0.535								
443840	0.301								
443841	0.531								
443842	0.282								
443843	1.909								
443844	0.107								
443845	0.290								
443846	1.199								
443847	0.479								
443848	< 0.005								
443849	0.731								
443850	0.462								
443851	0.498								
443852	1.648								
443853	0.922								
443854	2.060								
443855	0.300								
443856	0.324								
443857	0.238								
443858	0.390								
443859	0.163								
443860	0.173								
443861	0.785								
443862	0.723								
443863	0.517								
443864	0.522								
443865	0.113								
443866	0.647								
443867	0.544								
443868	0.521								
443869	1.194								
443870	2.027								
443871	0.221								
443872	< 0.005								
443873	1.646								
443874	0.345								
443875	0.382								
443876	1.022								
443877	0.765								
443878	0.136								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
443879	0.631								
443880	0.781								
443881	1.512								
443882	0.808								
443883	0.390								
443884	1.494								
443885	0.452								
443886	0.403								
443887	0.711								
443888	0.611								
443889	0.715								
443890	1.868								
443891	0.764								
443892	1.267								
443893	2.322								
443894	0.480								
443895	1.000								
443896	< 0.005								
443897	0.391								
443898	0.038								
443899	0.163								
443900	0.216								
443901	0.503								
443902	0.454								
443903	0.781								
443904	1.130								
443905	0.364								
443906	0.398								
443907	0.366								
443908	0.331								
443909	0.123								
443910	0.170								
443911	0.062								
443912	0.476								
443913	0.008								
443914	0.008								
443915	0.008								
443916	0.005								
443917	0.006								
443918	0.006								
443919	0.005								
443920	0.042								
443921	1.277								
443922	2.406								
443923	< 0.005								
443924	0.105								
443925	0.576								
443926	0.244								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
443927	0.518								
443928	0.518								
443929	0.285								
443930	0.229								
443931	1.046								
443932	0.778								
443933	0.622								
443934	2.284								
443935	0.877								
443936	0.634								
443937	> 5.000	11.6	61.1	8.15	8.00	10.4	48.14	1065.0	1113.1
443938	0.014								
443939	3.320	3.83							
443940	4.147	4.85							
443941	0.381								
443942	4.251	4.62							
443943	2.443								
443944	3.241	2.89							
443945	1.619								
443946	1.456								
443947	1.815								
443948	0.005								
443949	0.337								
443950	0.331								
443951	0.132								
443952	0.161								
443953	0.280								
443954	0.185								
443955	1.452								
443956	2.814								
443957	2.336								
443958	2.751								
443959	0.381								
443960	0.180								
443961	1.603								
443962	> 5.000	6.36	29.6	6.52	5.21	6.56	51.87	1702.3	1754.2
443963	> 5.000	5.70	15.3	4.72	5.07	5.32	42.04	1003.0	1045.0
443964	> 5.000	11.6	32.8	8.10	6.95	7.53	0.0000	1521.0	1521.0
443965	0.785								
443966	1.771								
443967	1.363								
443968	1.388								
443969	0.942								
443970	0.953								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.3							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire Assay) Meas	2.264								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.180								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.188								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.238								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.236								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 257b (Fire Assay) Meas						14.3			
OREAS 257b (Fire Assay) Cert						14.2			
Oreas E1336 (Fire Assay) Meas	0.500								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.494								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.511								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.514								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.503								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 228 Meas		8.60							
OREAS 228 Cert		8.73							
443837 Orig	0.628								
443837 Dup	0.630								
443847 Orig	0.487								
443847 Dup	0.472								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
443877 Orig	0.757								
443877 Dup	0.772								
443880 Split Orig PREP DUP	0.781								
443880 Split PREP DUP	0.848								
443886 Orig	0.356								
443886 Dup	0.449								
443896 Orig	0.005								
443896 Dup	< 0.005								
443901 Orig	0.462								
443901 Dup	0.545								
443916 Orig	0.005								
443916 Dup	0.006								
443930 Split PREP DUP	0.162								
443930 Split Orig PREP DUP	0.229								
443937 Orig			61.1	8.15	8.00	10.4	48.14	1065.0	1113.1
443939 Orig	3.361								
443939 Dup	3.279								
443954 Orig	0.192								
443954 Dup	0.177								
443962 Orig			29.6	6.52	5.21	6.56	51.87	1702.3	1754.2
443963 Orig			15.3	4.72	5.07	5.32	42.04	1003.0	1045.0
443964 Orig	> 5.000		32.8	8.10	6.95	7.53	0.0000	1521.0	1521.0
443964 Dup	> 5.000								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-16009
Report Date: 28-Sep-21
Date Submitted: 23-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

66 Core samples were submitted for analysis.

Table with 3 columns: Analytical package, Method, and Testing Date. Rows include 1A2 (ppm), 1A3-50, and 1A4 (100mesh).

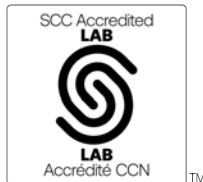
REPORT A21-16009

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
443971	0.010								
443972	< 0.005								
443973	0.877								
443974	1.932								
443975	0.963								
443976	2.249								
443977	0.466								
443978	0.841								
443979	0.410								
443980	0.916								
443981	1.353								
443982	0.297								
443983	0.397								
443984	1.454								
443985	0.319								
443986	0.261								
443987	0.553								
443988	0.233								
443989	0.033								
443990	0.144								
443991	0.083								
443992	0.172								
443993	0.309								
443994	4.981	5.69	91.9	2.25	2.44	4.30	37.49	1680.0	1717.5
443995	0.285								
443996	0.008								
443997	0.143								
443998	0.990								
443999	0.253								
444000	0.701								
450451	0.333								
450452	1.873								
450453	0.038								
450454	0.482								
450455	0.529								
450456	1.157								
450457	4.994	5.14							
450458	4.024	3.65							
450459	0.802								
450460	0.184								
450461	0.106								
450462	1.526								
450463	1.454								
450464	3.878	3.89							
450465	0.301								
450466	0.370								
450467	1.410								
450468	1.734								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
450469	0.957								
450470	> 5.000	6.87	69.9	1.09	0.88	2.97	46.01	1548.0	1594.0
450471	0.204								
450472	0.005								
450473	4.239	3.48							
450474	0.720								
450475	2.690								
450476	0.454								
450477	0.488								
450478	0.176								
450479	0.906								
450480	0.144								
450481	0.142								
450482	0.198								
450483	0.115								
450484	1.455								
450485	0.040								
450486	0.014								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.7				12.3			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		11.6							
OREAS 229b (Fire Assay) Cert		11.9							
Oreas 237 (Fire Assay) Meas	2.172								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.155								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 257b (Fire Assay) Meas						14.4			
OREAS 257b (Fire Assay) Cert						14.2			
Oreas E1336 (Fire Assay) Meas	0.510								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.505								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 228 Meas		8.80							
OREAS 228 Cert		8.73							
OREAS 228 Meas		8.48							
OREAS 228 Cert		8.73							
443980 Orig	0.925								
443980 Dup	0.908								
443990 Orig	0.137								
443990 Dup	0.150								
443994 Orig			91.9	2.25	2.44	4.30	37.49	1680.0	1717.5
444000 Orig	0.680								
444000 Dup	0.721								
450465 Orig	0.315								
450465 Dup	0.287								
450470 Split Orig PREP DUP	> 5.000	6.87							
450470 Split PREP DUP	> 5.000	7.41							
450470 Orig			69.9	1.09	0.88	2.97	46.01	1548.0	1594.0
450474 Orig	0.620								
450474 Dup	0.821								
450483 Orig	0.111								
450483 Dup	0.118								
Method Blank	0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-16003
Report Date: 22-Sep-21
Date Submitted: 12-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 3 columns: Analytical package, Test description, and Testing Date. Rows include 1A2 (ppm), 1A3-50, and 1A4 (100mesh).

REPORT A21-16003

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448901	0.005								
448902	0.023								
448903	0.052								
448904	0.722								
448905	0.008								
448906	0.097								
448907	0.043								
448908	0.097								
448909	0.032								
448910	0.020								
448911	0.057								
448912	0.497								
448913	0.341								
448914	0.095								
448915	0.011								
448916	0.085								
448917	0.022								
448918	0.025								
448919	0.037								
448920	0.046								
448921	0.088								
448922	0.019								
448923	0.024								
448924	< 0.005								
448925	0.006								
448926	0.027								
448927	0.072								
448928	0.010								
448929	0.029								
448930	0.015								
448931	0.033								
448932	0.007								
448933	0.032								
448934	0.029								
448935	0.017								
448936	0.684								
448937	0.041								
448938	0.016								
448939	0.020								
448940	0.057								
448941	0.033								
448942	0.018								
448943	0.010								
448944	0.053								
448945	0.085								
448946	0.075								
448947	0.067								
448948	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448949	0.525								
448950	0.363								
448951	0.114								
448952	0.097								
448953	0.058								
448954	0.113								
448955	0.132								
448956	0.234								
448957	0.025								
448958	0.067								
448959	0.095								
448960	0.187								
448961	0.240								
448962	0.022								
448963	0.095								
448964	0.638								
448965	0.065								
448966	0.023								
448967	0.090								
448968	0.019								
448969	0.034								
448970	0.025								
448971	0.070								
448972	< 0.005								
448973	0.114								
448974	0.131								
448975	0.073								
448976	0.326								
448977	0.182								
448978	1.780								
448979	0.301								
448980	0.965								
448981	0.076								
448982	0.697								
448983	0.114								
448984	1.494								
448985	0.253								
448986	0.257								
448987	0.040								
448988	0.005								
448989	0.045								
448990	0.076								
448991	0.121								
448992	0.067								
448993	0.099								
448994	0.011								
448995	0.014								
448996	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448997	0.030								
448998	0.014								
448999	0.015								
449000	0.009								
449001	< 0.005								
449002	0.030								
449003	0.049								
449004	0.009								
449005	0.029								
449006	0.079								
449007	0.068								
449008	0.016								
449009	0.139								
449010	0.028								
449011	0.007								
449012	0.503								
449013	0.675								
449014	0.007								
449015	0.006								
449016	0.052								
449017	0.007								
449018	0.049								
449019	0.124								
449020	0.026								
449021	0.062								
449022	0.086								
449023	0.293								
449024	< 0.005								
449025	0.279								
449026	0.021								
449027	0.702								
449028	0.048								
449029	0.054								
449030	0.054								
449031	0.181								
449032	0.167								
449033	0.242								
449034	0.031								
449035	0.008								
449036	0.687								
449037	0.027								
449038	> 5.000	15.9	883	10.2	10.2	16.7	12.80	1711.0	1723.8
449039	0.006								
449040	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.6				12.3			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.226								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.225								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.185								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.210								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas E1336 (Fire Assay) Meas	0.528								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.506								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.524								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.525								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 228 Meas		8.48							
OREAS 228 Cert		8.73							
448906 Orig	0.104								
448906 Dup	0.089								
448917 Orig	0.023								
448917 Dup	0.021								
448927 Orig	0.062								
448927 Dup	0.081								
448947 Orig	0.069								
448947 Dup	0.064								
448950 Split Orig PREP DUP	0.363								
448950 Split PREP DUP	0.368								
448966 Orig	0.027								
448966 Dup	0.018								
448971 Orig	0.067								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
448971 Dup	0.073								
448986 Orig	0.231								
448986 Dup	0.284								
449000 Split PREP DUP	0.009								
449000 Split Orig PREP DUP	0.009								
449009 Orig	0.163								
449009 Dup	0.115								
449024 Orig	< 0.005								
449024 Dup	< 0.005								
449034 Orig	0.033								
449034 Dup	0.028								
449038 Orig			883	10.2	10.2	16.7	12.80	1711.0	1723.8
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-16011
Report Date: 17-Sep-21
Date Submitted: 23-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

56 Core samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2 (ppm) | GOP AA-Au (Au - Fire Assay AA) | 2021-09-14 12:29:29

REPORT A21-16011

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

[Handwritten signature]

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
448845	0.030	
448846	0.006	
448847	0.018	
448848	0.006	
448849	0.019	
448850	0.025	
448851	0.028	
448852	0.017	
448853	0.029	
448854	0.034	
448855	0.027	
448856	0.009	
448857	0.009	
448858	0.013	
448859	0.060	
448860	0.191	
448861	0.023	
448862	0.203	
448863	3.160	2.63
448864	0.057	
448865	0.300	
448866	0.028	
448867	0.066	
448868	2.065	
448869	0.032	
448870	0.070	
448871	0.054	
448872	< 0.005	
448873	0.034	
448874	0.027	
448875	0.043	
448876	0.100	
448877	0.021	
448878	0.021	
448879	0.068	
448880	0.022	
448881	0.027	
448882	0.006	
448883	0.020	
448884	1.513	
448885	0.016	
448886	0.015	
448887	0.025	
448888	0.023	
448889	0.025	
448890	0.016	
448891	0.230	
448892	0.131	
448893	0.228	
448894	0.055	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
448895	0.076	
448896	0.005	
448897	0.042	
448898	0.195	
448899	0.022	
448900	< 0.005	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.02
Method Code	FA-AA	FA- GRA
OREAS 229b (Fire Assay) Meas		11.6
OREAS 229b (Fire Assay) Cert		11.9
Oreas 237 (Fire Assay) Meas	2.148	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.214	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas 237 (Fire Assay) Meas	2.242	
Oreas 237 (Fire Assay) Cert	2.21	
Oreas E1336 (Fire Assay) Meas	0.502	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.512	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.518	
Oreas E1336 (Fire Assay) Cert	0.510	
OREAS 228 Meas		8.59
OREAS 228 Cert		8.73
448879 Orig	0.060	
448879 Dup	0.077	
448889 Orig	0.028	
448889 Dup	0.021	
448894 Split Orig PREP DUP	0.055	
448894 Split PREP DUP	0.060	
448900 Orig	< 0.005	
448900 Dup	0.016	
Method Blank	0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	0.005	
Method Blank		< 0.02
Method Blank		< 0.02



Report No.: A21-17090
Report Date: 13-Oct-21
Date Submitted: 09-Sep-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 3 columns: Analytical package, Description, and Testing Date. Rows include 1A2 (ppm), 1A3-50, and 1A4 (100mesh).

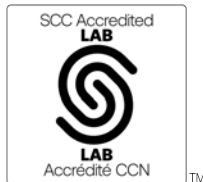
REPORT A21-17090

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
449041	0.007								
449042	0.007								
449043	0.009								
449044	0.009								
449045	0.243								
449046	0.090								
449047	0.282								
449048	0.006								
449049	0.034								
449050	0.050								
449051	0.011								
449052	0.194								
449053	0.357								
449054	0.158								
449055	0.673								
449056	0.229								
449057	0.702								
449058	0.576								
449059	0.386								
449060	0.187								
449061	> 5.000	19.6	3.47	4.06	4.12	23.99	1050.0	1074.0	5.54
449062	0.409								
449063	0.152								
449064	0.206								
449065	0.086								
449066	0.024								
449067	0.965								
449068	0.025								
449069	0.040								
449070	0.062								
449071	0.535								
449072	0.008								
449073	0.092								
449074	0.303								
449075	0.086								
449076	0.040								
449077	0.069								
449078	0.031								
449079	0.094								
449080	0.070								
449081	0.039								
449082	0.070								
449083	0.080								
449084	1.502								
449085	0.027								
449086	0.023								
449087	0.218								
449088	0.141								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
449089	0.036								
449090	0.039								
449091	0.065								
449092	0.053								
449093	0.199								
449094	0.245								
449095	0.058								
449096	< 0.005								
449097	0.014								
449098	0.080								
449099	0.044								
449100	0.047								
449101	0.048								
449102	0.515								
449103	0.076								
449104	0.031								
449105	0.244								
449106	0.616								
449107	0.573								
449108	0.419								
449109	0.279								
449110	0.337								
449111	0.162								
449112	0.513								
449113	0.190								
449114	0.755								
449115	0.616								
449116	0.022								
449117	0.505								
449118	0.230								
449119	0.877								
449120	1.995								
449121	2.807								
449122	0.696								
449123	0.753								
449124	< 0.005								
449125	0.202								
449126	0.130								
449127	0.277								
449128	0.444								
449129	0.086								
449130	0.089								
449131	0.110								
449132	0.174								
449133	0.370								
449134	0.169								
449135	0.007								
449136	0.691								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
449137	0.096								
449138	0.065								
449139	0.179								
449140	0.033								
449141	0.105								
449142	0.067								
449143	0.052								
449144	0.018								
449145	0.061								
449146	0.075								
449147	0.197								
449148	< 0.005								
449149	0.227								
449150	0.231								
449151	0.109								
449152	0.243								
449153	0.459								
449154	1.060								
449155	0.258								
449156	0.655								
449157	1.826								
449158	1.402								
449159	0.895								
449160	0.193								
449161	1.026								
449162	0.894								
449163	0.222								
449164	2.943								
449165	1.143								
449166	0.279								
449167	2.799								
449168	1.530								
449169	0.961								
449170	0.732								
449171	0.095								
449172	0.005								
449173	0.077								
449174	0.033								
449175	0.503								
449176	1.118								
449177	0.932								
449178	0.009								
449179	2.470								
449180	0.864								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
Oreas 237 (Fire Assay) Meas	2.326								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.273								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.227								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.260								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.309								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 257b (Fire Assay) Meas					14.4				14.2
OREAS 257b (Fire Assay) Cert					14.2				14.2
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.520								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 228 Meas									8.58
OREAS 228 Cert									8.73
449061 Orig		19.6	3.47	4.06	4.12	23.99	1050.0	1074.0	
449067 Orig	0.975								
449067 Dup	0.956								
449087 Orig	0.225								
449087 Dup	0.210								
449090 Split Orig PREP DUP	0.039								
449090 Split PREP DUP	0.040								
449097 Orig	0.014								
449097 Dup	0.015								
449107 Orig	0.599								
449107 Dup	0.548								
449127 Orig	0.288								
449127 Dup	0.266								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
449140 Split PREP DUP	0.047								
449140 Split Orig PREP DUP	0.033								
449151 Orig	0.116								
449151 Dup	0.103								
449166 Orig	0.273								
449166 Dup	0.285								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank					< 0.03				
Method Blank					< 0.03				
Method Blank									< 0.02
Method Blank									< 0.02



Report No.: A21-17095
 Report Date: 12-Oct-21
 Date Submitted: 09-Sep-21
 Your Reference: GOS-234

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

144 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2 (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-10-05 12:21:29
1A3-50	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-10-07 11:11:49
1A4 (100mesh)	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-10-12 13:30:07

REPORT A21-17095

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
 41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
 TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
449181	0.608								
449182	1.111								
449183	0.043								
449184	1.592								
449185	4.020	4.21							
449186	2.460								
449187	1.162								
449188	2.543								
449189	0.748								
449190	0.847								
449191	1.154								
449192	3.233	3.55							
449193	0.412								
449194	0.204								
449195	0.379								
449196	0.005								
449197	0.679								
449198	0.507								
449199	2.737								
449200	1.018								
449201	0.374								
449202	0.349								
449203	0.828								
449204	1.515								
449205	1.452								
449206	1.446								
449207	2.382								
449208	1.101								
449209	0.634								
449210	1.285								
449211	1.796								
449212	0.528								
449213	2.549								
449214	0.025								
449215	0.010								
449216	0.008								
449217	0.017								
449218	0.012								
449219	0.429								
449220	0.388								
449221	0.183								
449222	1.529								
449223	0.660								
449224	0.007								
449225	0.678								
449226	0.330								
449227	0.401								
449228	1.724								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
449229	0.708								
449230	0.507								
449231	0.166								
449232	1.446								
449233	0.480								
449234	> 5.000	5.40	105	2.28	2.73	3.14	11.04	1763.0	1774.0
449235	0.708								
449236	0.702								
449237	0.240								
449238	0.064								
449239	0.054								
449240	0.049								
449241	0.130								
449242	0.492								
449243	1.151								
449244	2.147								
449245	0.552								
449246	0.731								
449247	0.655								
449248	0.007								
449249	1.314								
449250	0.336								
449251	0.753								
449252	0.409								
449253	0.133								
449254	1.113								
449255	1.513								
449256	1.239								
449257	1.343								
449258	0.595								
449259	0.557								
449260	0.192								
449261	0.336								
449262	1.317								
449263	1.351								
449264	0.181								
449265	0.441								
449266	0.502								
449267	0.160								
449268	0.163								
449269	0.174								
449270	1.994								
449271	0.426								
449272	0.007								
449273	0.297								
449274	0.392								
449275	0.330								
449276	0.164								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
449277	0.307								
449278	0.400								
449279	0.406								
449280	0.235								
449281	0.441								
449282	0.042								
449283	0.277								
449284	1.482								
449285	0.179								
449286	0.465								
449287	0.401								
449288	0.091								
449289	0.329								
449290	0.397								
449291	0.183								
449292	0.095								
449293	0.188								
449294	0.287								
449295	0.178								
449296	< 0.005								
449297	0.466								
449298	0.086								
449299	0.024								
449300	0.032								
449301	0.016								
449302	0.009								
449303	0.055								
449304	0.035								
449305	0.031								
449306	0.043								
449307	0.052								
449308	0.017								
449309	0.029								
449310	0.017								
449311	0.030								
449312	0.498								
449313	0.054								
449314	0.038								
449315	0.029								
449316	0.036								
449317	0.135								
449318	0.055								
449319	0.069								
449320	0.026								
449321	0.075								
449322	0.055								
449323	0.020								
449324	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Oreas 237 (Fire Assay) Meas	2.241								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.257								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.300								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 257b (Fire Assay) Meas		14.4				14.4			
OREAS 257b (Fire Assay) Cert		14.2				14.2			
OREAS 257b (Fire Assay) Meas		14.6							
OREAS 257b (Fire Assay) Cert		14.2							
Oreas E1336 (Fire Assay) Meas	0.512								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.520								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 228 Meas		8.65							
OREAS 228 Cert		8.73							
OREAS 228 Meas		8.88							
OREAS 228 Cert		8.73							
449187 Orig	1.234								
449187 Dup	1.091								
449230 Split Orig PREP DUP	0.507								
449230 Split PREP DUP	0.534								
449234 Orig			105	2.28	2.73	3.14	11.04	1763.0	1774.0
449252 Orig	0.416								
449252 Dup	0.402								
449280 Split PREP DUP	0.184								
449280 Split Orig PREP DUP	0.235								
449291 Orig	0.184								
449291 Dup	0.183								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-15268
Report Date: 15-Sep-21
Date Submitted: 12-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2-Timmins (ppm) | GOP AA-Au (Au - Fire Assay AA)

REPORT A21-15268

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Report No.: A21-15268
Report Date: 15-Sep-21
Date Submitted: 12-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A3-50	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-09-09 16:34:13
1A4 (100mesh)	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-09-14 12:56:44

REPORT A21-15268

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
449501	0.093								
449502	0.031								
449503	0.118								
449504	0.045								
449505	0.018								
449506	0.024								
449507	0.013								
449508	0.060								
449509	> 5.000	16.6	77.2	2.60	1.94	4.57	43.97	1389.0	1433.0
449510	0.008								
449511	0.033								
449512	0.476								
449513	0.014								
449514	0.035								
449515	0.019								
449516	0.072								
449517	0.109								
449518	0.111								
449519	0.095								
449520	0.034								
449521	0.028								
449522	0.054								
449523	0.083								
449524	< 0.005								
449525	0.061								
449526	0.041								
449527	0.069								
449528	0.044								
449529	0.117								
449530	0.086								
449531	0.692								
449532	0.459								
449533	0.009								
449534	0.034								
449535	0.026								
449536	0.657								
449537	0.068								
449538	0.037								
449539	0.134								
449540	0.155								
449541	3.221	3.13							
449542	0.016								
449543	0.065								
449544	0.041								
449545	0.234								
449546	0.015								
449547	0.033								
449548	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
449549	0.021								
449550	0.026								
449551	0.008								
449552	0.043								
449553	< 0.005								
449554	0.006								
449555	< 0.005								
449556	0.019								
449557	< 0.005								
449558	< 0.005								
449559	0.011								
449560	0.176								
449561	0.005								
449562	1.338								
449563	0.040								
449564	0.017								
449565	0.006								
449566	0.007								
449567	0.008								
449568	< 0.005								
449569	0.091								
449570	0.014								
449571	0.009								
449572	< 0.005								
449573	1.340								
449574	0.424								
449575	0.017								
449576	0.089								
449577	0.016								
449578	0.076								
449579	0.011								
449580	0.014								
449581	0.005								
449582	0.009								
449583	0.022								
449584	1.506								
449585	0.014								
449586	0.007								
449587	0.025								
449588	0.022								
449589	0.014								
449590	0.024								
449591	0.011								
449592	0.017								
449593	0.006								
449594	0.011								
449595	0.005								
449596	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
449597	0.006								
449598	0.045								
449599	0.011								
449600	0.146								
449601	0.016								
449602	0.185								
449603	0.016								
449604	0.007								
449605	0.011								
449606	0.093								
449607	0.411								
449608	0.091								
449609	0.011								
449610	0.009								
449611	0.013								
449612	0.491								
449613	0.195								
449614	0.030								
449615	0.037								
449616	0.051								
449617	0.037								
449618	0.172								
449619	0.025								
449620	0.118								
449621	0.052								
449622	0.405								
449623	3.857	3.65							
449624	0.008								
449625	0.622								
449626	0.027								
449627	0.315								
449628	0.158								
449629	0.062								
449630	0.016								
449631	0.020								
449632	0.024								
449633	0.012								
449634	0.019								
449635	0.008								
449636	0.669								
449637	0.010								
449638	0.007								
449639	0.007								
449640	0.007								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.1				12.4			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
Oreas 237 (Fire Assay) Meas	2.165								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.276								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.252								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.249								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.248								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas E1336 (Fire Assay) Meas	0.512								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.499								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.492								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.522								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 228 Meas		8.74							
OREAS 228 Cert		8.73							
OREAS 228 Meas		8.43							
OREAS 228 Cert		8.73							
449509 Orig	> 5.000		77.2	2.60	1.94	4.57	43.97	1389.0	1433.0
449509 Dup	> 5.000								
449519 Orig	0.090								
449519 Dup	0.100								
449528 Orig	0.044								
449542 Orig	0.018								
449542 Dup	0.015								
449550 Split Orig PREP DUP	0.026								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	g/mt	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
449550 Split PREP DUP	0.024								
449561 Orig	< 0.005								
449561 Dup	< 0.005								
449576 Orig	0.087								
449576 Dup	0.092								
449585 Orig	0.015								
449585 Dup	0.013								
449600 Split PREP DUP	0.182								
449600 Split Orig PREP DUP	0.146								
449608 Orig	0.092								
449608 Dup	0.090								
449618 Orig	0.160								
449618 Dup	0.185								
449633 Orig	0.011								
449633 Dup	0.013								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank	0.005								
Method Blank	0.005								



Report No.: A21-15276
Report Date: 14-Sep-21
Date Submitted: 12-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

80 Core samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
Row 1: 1A2-Timmins (ppm) | QOP AA-Au (Au - Fire Assay AA)

REPORT A21-15276

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
449641	0.016
449642	0.030
449643	0.015
449644	0.018
449645	0.233
449646	0.045
449647	0.014
449648	0.009
449649	0.029
449650	0.026
449651	0.027
449652	0.057
449653	0.071
449654	0.065
449655	0.122
449656	0.091
449657	0.043
449658	0.052
449659	0.167
449660	0.192
449661	0.076
449662	0.044
449663	0.302
449664	0.135
449665	0.082
449666	0.234
449667	0.032
449668	0.104
449669	0.560
449670	0.097
449671	0.103
449672	0.006
449673	0.335
449674	0.093
449675	0.179
449676	0.040
449677	0.119
449678	0.337
449679	0.035
449680	0.070
449681	0.117
449682	0.058
449683	0.043
449684	1.416
449685	0.154
449686	0.039
449687	0.058
449688	0.074
449689	0.200
449690	0.151
449691	0.074

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
449692	0.037
449693	0.102
449694	0.129
449695	0.072
449696	0.007
449697	0.186
449698	0.094
449699	0.154
449700	0.143
449701	0.053
449702	0.710
449703	0.530
449704	0.047
449705	0.642
449706	0.183
449707	0.291
449708	0.279
449709	0.515
449710	0.866
449711	0.030
449712	0.503
449713	0.117
449714	0.585
449715	0.149
449716	0.596
449717	0.126
449718	0.143
449719	0.338
449720	0.171

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.190
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.218
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.271
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.245
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.205
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.510
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.508
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.508
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.519
Oreas E1336 (Fire Assay) Cert	0.510
449643 Orig	0.016
449643 Dup	0.015
449654 Orig	0.060
449654 Dup	0.070
449664 Orig	0.151
449664 Dup	0.120
449690 Split Orig PREP DUP	0.151
449690 Split PREP DUP	0.136
449693 Orig	0.095
449693 Dup	0.110
449703 Orig	0.533
449703 Dup	0.527
449718 Orig	0.136
449718 Dup	0.150
Method Blank	< 0.005

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
Method Blank	0.005
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-16005-Final2
Report Date: 08-Oct-21
Date Submitted: 23-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 3 columns: Analytical package, Test description, and Testing Date. Rows include 1A2 (ppm), 1A3-50, and 1A4 (100mesh).

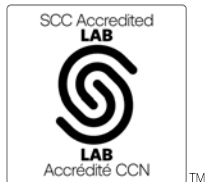
REPORT A21-16005-Final2

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
449771	1.315

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.210
Oreas 237 (Fire Assay) Cert	2.21
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-16007
Report Date: 17-Sep-21
Date Submitted: 23-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

119 Core samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested, Testing Date. Row 1: 1A2 (ppm), GOP AA-Au (Au - Fire Assay AA), 2021-09-14 12:46:20

REPORT A21-16007

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
449861	0.422
449862	0.596
449863	0.640
449864	0.208
449865	0.324
449866	0.581
449867	0.608
449868	0.540
449869	0.494
449870	0.498
449871	0.317
449872	< 0.005
449873	0.409
449874	0.214
449875	1.205
449876	0.596
449877	0.192
449878	0.201
449879	0.558
449880	0.304
449881	0.235
449882	0.399
449883	0.364
449884	1.450
449885	0.037
449886	0.885
449887	0.343
449888	0.392
449889	0.144
449890	0.140
449891	0.226
449892	0.331
449893	0.157
449894	0.372
449895	0.367
449896	< 0.005
449897	0.059
449898	0.138
449899	0.329
449900	0.352
449901	0.740
449902	0.099
449903	0.390
449904	0.262
449905	0.138
449906	0.438
449907	0.177
449908	0.194
449909	0.427
449910	0.494
449911	0.456

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
449912	0.501
449913	0.220
449914	0.446
449915	0.168
449916	0.462
449917	0.224
449918	0.214
449919	0.110
449920	0.459
449921	0.510
449922	0.014
449923	0.223
449924	< 0.005
449925	0.234
449926	0.054
449927	0.227
449928	0.121
449929	0.206
449930	0.183
449931	0.481
449932	0.152
449933	0.139
449934	0.233
449935	0.265
449936	0.681
449937	0.221
449938	0.029
449939	0.145
449940	0.147
449941	0.153
449942	0.255
449943	0.135
449944	0.445
449945	0.875
449946	0.275
449947	0.045
449948	< 0.005
449949	0.037
449950	0.045
449951	0.189
449952	0.106
449953	0.186
449954	0.136
449955	0.065
449956	0.061
449957	0.124
449958	0.166
449959	0.102
449960	0.181
449961	0.156
449962	0.362

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
449963	0.645
449964	0.181
449965	0.200
449966	0.211
449967	0.232
449968	0.150
449969	0.052
449970	0.050
449971	0.065
449972	< 0.005
449973	0.050
449974	0.014
449975	0.027
449976	0.197
449977	0.231
449978	0.124
449979	0.100

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.148
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.197
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.194
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.199
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.174
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.502
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.526
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.521
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.517
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.516
Oreas E1336 (Fire Assay) Cert	0.510
449879 Orig	0.564
449879 Dup	0.551
449889 Orig	0.127
449889 Dup	0.161
449910 Split Orig PREP DUP	0.494
449910 Split PREP DUP	0.439
449916 Orig	0.462
449916 Dup	0.462
449917 Orig	0.211
449917 Dup	0.237
449927 Orig	0.267
449927 Dup	0.187
449930 Orig	0.171
449930 Dup	0.195
449945 Orig	0.852

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
449945 Dup	0.899
449955 Orig	0.066
449955 Dup	0.064
449959 Split PREP DUP	0.103
449959 Split Orig PREP DUP	0.102
449966 Orig	0.202
449966 Dup	0.220
449971 Orig	0.064
449971 Dup	0.066
Method Blank	< 0.005
Method Blank	0.005
Method Blank	0.005
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005



Report No.: A21-18566-ReAssay
Report Date: 25-Oct-21
Date Submitted: 04-Oct-21
Your Reference: 234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

31 Pulp samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested, Testing Date. Row 1: 1A2 (ppm), GOP AA-Au (Au - Fire Assay AA), 2021-10-18 11:15:31

REPORT A21-18566-ReAssay

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
449809	2.561
449810	0.865
449811	1.066
258692	0.496
449813	2.084
449814	0.951
449815	1.910
449816	0.590
449817	0.315
449818	0.813
449819	0.368
449820	0.845
449821	0.166
449822	0.359
449823	0.438
258693	< 0.005
449825	0.710
449826	0.398
449827	0.385
449828	0.252
449829	0.266
449830	0.286
449831	0.253
449832	0.409
449833	0.194
449834	0.236
449835	0.500
258694	0.653
449837	0.923
449838	0.756
449839	0.834

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.173
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.205
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.176
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.530
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.516
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.511
Oreas E1336 (Fire Assay) Cert	0.510
449818 Orig	0.813
449828 Orig	0.256
449828 Dup	0.248
449838 Dup	0.756
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-17089
 Report Date: 12-Oct-21
 Date Submitted: 09-Sep-21
 Your Reference: GOS-234

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2 (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-09-29 13:45:55
1A3-50	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-10-01 12:58:37
1A4 (100mesh)	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-10-06 14:44:32

REPORT A21-17089

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

Footnote: Sample 442341 contained coarse gold and more material is required to perform repeat Gravimetric Analysis.



LabID: 266

ACTIVATION LABORATORIES LTD.
 41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
 TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
442231	0.076								
442232	0.026								
442233	0.011								
442234	0.044								
442235	0.304								
442236	0.635								
442237	0.026								
442238	0.031								
442239	0.265								
442240	0.108								
442241	0.093								
442242	0.020								
442243	0.023								
442244	0.067								
442245	0.126								
442246	0.011								
442247	0.015								
442248	< 0.005								
442249	0.037								
442250	0.021								
442251	0.138								
442252	0.077								
442253	0.399								
442254	0.152								
442255	0.037								
442256	0.413								
442257	0.030								
442258	0.007								
442259	0.016								
442260	0.178								
442261	0.021								
442262	0.181								
442263	0.096								
442264	0.387								
442265	0.440								
442266	0.076								
442267	0.100								
442268	0.008								
442269	0.183								
442270	0.727								
442271	0.962								
442272	< 0.005								
442273	0.252								
442274	0.080								
442275	0.204								
442276	0.012								
442277	0.434								
442278	0.108								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
442279	< 0.005								
442280	0.005								
442281	1.222								
442282	0.084								
442283	0.090								
442284	1.501								
442285	0.301								
442286	0.178								
442287	0.257								
442288	0.044								
442289	0.041								
442290	0.095								
442291	0.197								
442292	0.681								
442293	0.849								
442294	0.193								
442295	0.477								
442296	< 0.005								
442297	1.802								
442298	0.958								
442299	3.003	3.76							
442300	0.362								
442301	0.955								
442302	0.809								
442303	0.428								
442304	2.818								
442305	0.755								
442306	0.703								
442307	0.258								
442308	0.309								
442309	> 5.000	10.3	263	6.49	6.92	11.1	19.71	1142.0	1161.7
442310	0.919								
442311	0.824								
442312	0.490								
442313	1.250								
442314	1.900								
442315	4.695	4.12							
442316	0.268								
442317	0.361								
442318	0.951								
442319	1.520								
442320	1.041								
442321	3.280	2.88							
442322	0.816								
442323	0.993								
442324	< 0.005								
442325	1.085								
442326	0.684								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
442327	2.229								
442328	0.962								
442329	0.700								
442330	0.774								
442331	0.219								
442332	0.505								
442333	0.174								
442334	1.346								
442335	1.274								
442336	0.658								
442337	0.375								
442338	0.477								
442339	0.481								
442340	> 5.000	12.5	282	11.2	12.2	17.2	19.76	961.00	980.76
442341	> 5.000		47.3	1.66	2.33	2.99	23.14	1031.0	1054.1
442342	0.675								
442343	0.748								
442344	2.947								
442345	0.759								
442346	2.789								
442347	0.613								
442348	< 0.005								
442349	0.411								
442350	0.413								
442351	0.413								
442352	0.470								
442353	0.316								
442354	1.023								
442355	0.585								
442356	0.148								
442357	0.260								
442358	0.429								
442359	0.269								
442360	0.182								
442361	0.393								
442362	0.412								
442363	0.259								
442364	0.944								
442365	0.280								
442366	< 0.005								
442367	0.006								
442368	0.009								
442369	0.120								
442370	0.173								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Oreas 237 (Fire Assay) Meas	2.326								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.254								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.164								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.230								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.208								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.242								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 257b (Fire Assay) Meas		13.5				13.5			
OREAS 257b (Fire Assay) Cert		14.2				14.2			
OREAS 257b (Fire Assay) Meas		14.2							
OREAS 257b (Fire Assay) Cert		14.2							
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.504								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.514								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.512								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
OREAS 228 Meas		8.93							
OREAS 228 Cert		8.73							
OREAS 228 Meas		8.69							
OREAS 228 Cert		8.73							
442237 Orig	0.026								
442237 Dup	0.026								
442247 Orig	0.019								
442247 Dup	0.011								
442257 Orig	0.031								
442257 Dup	0.029								
442280 Split Orig PREP DUP	0.005								
442280 Split PREP DUP	< 0.005								
442297 Orig	1.825								
442297 Dup	1.779								
442309 Orig			263	6.49	6.92	11.1	19.71	1142.0	1161.7
442317 Orig	0.377								
442317 Dup	0.345								
442330 Split PREP DUP	0.825								
442330 Split Orig PREP DUP	0.774								
442340 Orig			282	11.2	12.2	17.2	19.76	961.00	980.76
442341 Orig			47.3	1.66	2.33	2.99	23.14	1031.0	1054.1
442356 Orig	0.150								
442356 Dup	0.147								
442366 Orig	0.005								
442366 Dup	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.02								
Method Blank	< 0.02								
Method Blank	< 0.02								
Method Blank	< 0.02								
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank	< 0.005								
Method Blank	< 0.005								



Report No.: A21-17091
Report Date: 12-Oct-21
Date Submitted: 09-Sep-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 3 columns: Analytical package, Description, and Testing Date. Rows include 1A2 (ppm), 1A3-50, and 1A4 (100mesh).

REPORT A21-17091

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
442371	0.265								
442372	< 0.005								
442373	0.190								
442374	0.029								
442375	0.093								
442376	0.334								
442377	0.236								
442378	0.270								
442379	0.197								
442380	> 5.000	16.3	12.8	0.94	0.75	8.76	2898	1491.0	4389.0
442381	0.554								
442382	0.122								
442383	0.308								
442384	1.562								
442385	0.545								
442386	0.131								
442387	0.613								
442388	0.222								
442389	0.669								
442390	0.127								
442391	0.372								
442392	0.171								
442393	0.257								
442394	1.231								
442395	2.251								
442396	< 0.005								
442397	0.293								
442398	0.267								
442399	0.059								
442400	0.145								
442401	0.523								
442402	0.600								
442403	0.801								
442404	0.302								
442405	0.213								
442406	0.953								
442407	0.048								
442408	0.291								
442409	0.169								
442410	0.577								
442411	> 5.000	28.2	3290	40.6	40.0	101	26.94	1414.0	1440.9
442412	< 0.005								
442413	0.497								
442414	0.594								
442415	0.079								
442416	2.797								
442417	0.654								
442418	0.900								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
442419	0.589								
442420	0.363								
442421	0.415								
442422	0.288								
442423	> 5.000	5.57	36.5	2.09	1.33	2.38	25.20	1293.0	1318.2
442424	< 0.005								
442425	0.289								
442426	0.700								
442427	1.099								
442428	0.275								
442429	0.926								
442430	0.994								
442431	0.282								
442432	0.284								
442433	0.461								
442434	0.900								
442435	0.371								
442436	0.692								
442437	0.480								
442438	0.227								
442439	0.051								
442440	0.143								
442441	0.927								
442442	> 5.000	4.45	65.7	2.33	2.18	3.65	29.27	1302.0	1331.3
442443	0.339								
442444	1.021								
442445	0.588								
442446	0.590								
442447	1.187								
442448	< 0.005								
442449	0.084								
442450	0.065								
441051	0.488								
441052	0.255								
441053	0.228								
441054	0.514								
441055	> 5.000	6.06	306	1.84	2.76	197	2279	1283.0	3562.0
441056	0.217								
441057	0.202								
441058	2.001								
441059	0.271								
441060	0.174								
441061	0.023								
441062	0.229								
441063	0.274								
441064	0.053								
441065	0.645								
441066	3.706	3.83							

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
441067	0.215								
441068	0.286								
441069	1.234								
441070	0.903								
441071	0.230								
441072	< 0.005								
441073	0.193								
441074	0.100								
441075	0.548								
441076	0.075								
441077	1.391								
441078	0.894								
441079	0.698								
441080	0.126								
441081	0.193								
441082	0.324								
441083	0.349								
441084	1.451								
441085	3.427	4.29							
441086	0.637								
441087	1.552								
441088	0.271								
441089	0.209								
441090	0.350								
441091	0.910								
441092	2.307								
441093	0.491								
441094	1.357								
441095	1.541								
441096	< 0.005								
441097	1.780								
441098	3.333	2.62							
441099	0.766								
441100	3.151	3.86							
441101	0.419								
441102	0.267								
441103	0.495								
441104	2.892								
441105	3.074	3.07							
441106	0.198								
441107	0.679								
441108	0.689								
441109	0.366								
441110	0.440								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Oreas 237 (Fire Assay) Meas	2.196								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.224								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.209								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.232								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.243								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 257b (Fire Assay) Meas		14.4				13.5			
OREAS 257b (Fire Assay) Cert		14.2				14.2			
OREAS 257b (Fire Assay) Meas		14.6							
OREAS 257b (Fire Assay) Cert		14.2							
OREAS 257b (Fire Assay) Meas		14.8							
OREAS 257b (Fire Assay) Cert		14.2							
Oreas E1336 (Fire Assay) Meas	0.500								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.517								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 228 Meas		8.65							
OREAS 228 Cert		8.73							
OREAS 228 Meas		8.88							
OREAS 228 Cert		8.73							
442377 Orig	0.231								
442377 Dup	0.242								



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-17096
 Report Date: 04-Oct-21
 Date Submitted: 09-Sep-21
 Your Reference: GOS-234

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

137 Core samples were submitted for analysis.

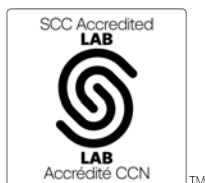
The following analytical package(s) were requested:		Testing Date:
1A2 (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-09-28 11:39:49

REPORT **A21-17096**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
 41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
 TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Eseme, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
442094	< 0.005
442095	< 0.005
442096	< 0.005
442097	< 0.005
442098	< 0.005
442099	0.017
442100	0.019
442101	0.016
442102	0.066
442103	0.026
442104	0.063
442105	0.124
442106	0.095
442107	0.043
442108	0.043
442109	0.069
442110	0.087
442111	0.021
442112	0.455
442113	0.034
442114	0.094
442115	0.051
442116	0.011
442117	0.253
442118	0.166
442119	0.060
442120	0.087
442121	0.026
442122	0.026
442123	0.131
442124	< 0.005
442125	0.051
442126	0.242
442127	0.242
442128	0.008
442129	0.073
442130	0.074
442131	0.050
442132	0.176
442133	0.718
442134	0.411
442135	0.148
442136	0.674
442137	0.073
442138	0.094
442139	0.383
442140	0.345
442141	0.530
442142	0.308
442143	1.797
442144	0.365

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
442145	0.255
442146	1.705
442147	0.302
442148	0.005
442149	0.117
442150	0.091
442151	1.119
442152	2.572
442153	0.406
442154	0.265
442155	0.187
442156	0.343
442157	0.079
442158	0.362
442159	0.100
442160	0.183
442161	0.038
442162	0.084
442163	0.100
442164	0.920
442165	0.083
442166	0.013
442167	0.087
442168	0.535
442169	0.239
442170	0.342
442171	0.275
442172	< 0.005
442173	0.096
442174	0.087
442175	0.019
442176	0.201
442177	0.576
442178	0.140
442179	0.389
442180	0.227
442181	0.262
442182	0.361
442183	0.242
442184	1.523
442185	0.082
442186	0.118
442187	0.342
442188	0.384
442189	0.314
442190	0.312
442191	0.516
442192	0.181
442193	0.186
442194	0.502
442195	0.247

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
442196	< 0.005
442197	0.110
442198	0.222
442199	0.710
442200	0.459
442201	0.106
442202	0.493
442203	0.961
442204	1.882
442205	0.232
442206	0.379
442207	0.387
442208	0.283
442209	0.493
442210	0.606
442211	0.380
442212	0.516
442213	0.851
442214	0.840
442215	0.943
442216	0.501
442217	0.198
442218	0.490
442219	0.187
442220	0.267
442221	0.212
442222	0.085
442223	0.120
442224	< 0.005
442225	0.166
442226	0.307
442227	2.042
442228	0.397
442229	0.252
442230	0.136

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.196
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.161
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.175
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.219
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.500
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.528
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.521
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.510
Oreas E1336 (Fire Assay) Cert	0.510
442100 Orig	0.024
442100 Dup	0.013
442110 Orig	0.080
442110 Dup	0.093
442120 Orig	0.085
442120 Dup	0.089
442140 Orig	0.353
442140 Dup	0.337
442150 Orig	0.096
442150 Dup	0.087
442160 Orig	0.183
442160 Dup	0.182
442180 Orig	0.249
442180 Dup	0.206
442190 Orig	0.298
442190 Dup	0.326
442204 Orig	1.744
442204 Dup	2.019
442229 Orig	0.269
442229 Dup	0.234
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-17097
Report Date: 13-Oct-21
Date Submitted: 09-Sep-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

57 Core samples were submitted for analysis.

Table with 3 columns: Analytical package, Description, and Testing Date. Rows include 1A2 (ppm), 1A3-50, and 1A4 (100mesh).

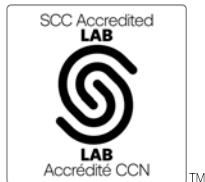
REPORT A21-17097

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
441111	0.494								
441112	0.474								
441113	> 5.000	3.95	17.4	2.56	2.22	3.19	54.17	962.00	1016.2
441114	> 5.000	8.36	92.7	3.19	4.57	6.50	31.06	1021.0	1052.1
441115	1.741								
441116	0.827								
441117	2.684								
441118	> 5.000	6.03	38.7	3.92	4.05	4.65	19.35	996.00	1015.3
441119	0.746								
441120	1.665								
441121	0.008								
441122	0.796								
441123	0.150								
441124	< 0.005								
441125	1.280								
441126	0.065								
441127	0.165								
441128	0.037								
441129	0.221								
441130	0.106								
441131	0.219								
441132	0.326								
441133	0.098								
441134	0.122								
441135	0.088								
441136	0.670								
441137	0.051								
441138	0.045								
441139	0.138								
441140	0.848								
441141	0.891								
441142	0.008								
441143	< 0.005								
441144	0.158								
441145	0.390								
441146	0.049								
441147	0.893								
441148	< 0.005								
441149	2.637								
441150	1.293								
441151	0.432								
441152	0.085								
441153	0.294								
441154	0.264								
441155	0.417								
441156	0.204								
441157	0.551								
441158	0.289								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
441159	0.506								
441160	0.187								
441161	0.354								
441162	0.163								
441163	0.099								
441164	0.197								
441165	0.013								
441166	0.027								
441167	0.044								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Oreas 237 (Fire Assay) Meas	2.254								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.175								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.104								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 257b (Fire Assay) Meas		14.6				13.5			
OREAS 257b (Fire Assay) Cert		14.2				14.2			
OREAS 257b (Fire Assay) Meas		13.5							
OREAS 257b (Fire Assay) Cert		14.2							
OREAS 257b (Fire Assay) Meas		14.2							
OREAS 257b (Fire Assay) Cert		14.2							
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.516								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 228 Meas		8.91							
OREAS 228 Cert		8.73							
OREAS 228 Meas		8.93							
OREAS 228 Cert		8.73							
OREAS 228 Meas		8.69							
OREAS 228 Cert		8.73							
441113 Orig			17.4	2.56	2.22	3.19	54.17	962.00	1016.2
441114 Orig			92.7	3.19	4.57	6.50	31.06	1021.0	1052.1
441118 Orig			38.7	3.92	4.05	4.65	19.35	996.00	1015.3
441129 Orig	0.260								
441129 Dup	0.182								
441146 Orig	0.056								
441146 Dup	0.041								
441158 Orig	0.247								
441158 Dup	0.331								
441159 Split Orig PREP DUP	0.506								
441159 Split PREP DUP	0.510								
Method Blank	< 0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank		< 0.02							
Method Blank		< 0.02							



Report No.: A21-18709-ReAssay
Report Date: 25-Oct-21
Date Submitted: 06-Oct-21
Your Reference: 234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

31 Pulp samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2 (ppm) | QOP AA-Au (Au - Fire Assay AA) | 2021-10-18 11:15:31

REPORT A21-18709-ReAssay

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé , Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
442121	0.010
442122	0.016
442123	0.140
442124	< 0.005
442125	0.037
442126	0.248
442127	0.236
442128	0.006
442129	0.074
442130	0.081
442131	0.043
442132	0.143
442133	0.697
442134	0.370
442135	0.161
258695	0.490
442137	0.089
442138	0.089
442139	0.400
442140	0.422
442141	0.470
442142	0.317
442143	1.721
442144	0.334
442145	0.205
442146	1.511
442147	0.345
442148	< 0.005
442149	0.106
442150	0.079
442151	1.007

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.173
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.205
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.212
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.530
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.516
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.508
Oreas E1336 (Fire Assay) Cert	0.510
442126 Orig	0.261
442126 Dup	0.234
442138 Orig	0.093
442138 Dup	0.085
442148 Orig	< 0.005
442148 Dup	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-16013
Report Date: 17-Sep-21
Date Submitted: 23-Aug-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

50 Core samples were submitted for analysis.

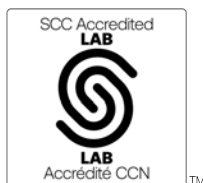
Table with 2 columns: Analytical package(s) requested, Testing Date. Row 1: 1A2 (ppm), GOP AA-Au (Au - Fire Assay AA), 2021-09-14 12:29:29

REPORT A21-16013

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
442001	0.158
442002	1.065
442003	0.065
442004	0.012
442005	0.005
442006	< 0.005
442007	< 0.005
442008	< 0.005
442009	0.013
442010	0.060
442011	0.042
442012	0.519
442013	0.395
442014	0.239
442015	0.058
442016	0.509
442017	0.448
442018	0.036
442019	0.007
442020	0.145
442021	0.433
442022	0.062
442023	0.021
442024	0.005
442025	0.138
442026	0.070
442027	0.100
442028	0.083
442029	0.020
442030	0.023
442031	0.147
442032	0.088
442033	0.062
442034	0.247
442035	0.513
442036	0.691
442037	1.009
442038	0.077
442039	0.492
442040	0.169
442041	0.047
442042	0.270
442043	0.143
442044	2.553
442045	1.350
442046	0.625
442047	0.459
442048	< 0.005
442049	0.209
442050	0.292

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.148
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.196
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.150
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.502
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.512
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.519
Oreas E1336 (Fire Assay) Cert	0.510
442010 Orig	0.070
442010 Dup	0.050
442020 Orig	0.153
442020 Dup	0.137
442030 Orig	0.023
442030 Dup	0.022
442050 Split Orig PREP DUP	0.292
442050 Split PREP DUP	0.305
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005
Method Blank	0.005



Report No.: A21-17098
Report Date: 04-Oct-21
Date Submitted: 09-Sep-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

43 Core samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2 (ppm) | GOP AA-Au (Au - Fire Assay AA) | 2021-10-04 13:45:27

REPORT A21-17098

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
442051	0.050
442052	0.182
442053	0.044
442054	0.039
442055	0.032
442056	0.336
442057	0.506
442058	1.175
442059	0.083
442060	0.192
442061	0.178
442062	0.154
442063	0.410
442064	0.031
442065	0.075
442066	0.118
442067	0.043
442068	0.111
442069	0.063
442070	0.065
442071	0.077
442072	< 0.005
442073	0.074
442074	0.111
442075	0.088
442076	1.709
442077	0.150
442078	0.106
442079	0.049
442080	0.126
442081	0.377
442082	0.099
442083	1.986
442084	1.485
442085	0.186
442086	0.069
442087	0.068
442088	0.089
442089	0.016
442090	0.013
442091	0.022
442092	0.034
442093	0.020

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.246
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.134
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.520
Oreas E1336 (Fire Assay) Cert	0.510
442059 Orig	0.082
442059 Dup	0.084
442070 Orig	0.062
442070 Dup	0.067
442080 Orig	0.114
442080 Dup	0.139
442089 Orig	0.016
442089 Dup	0.016
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-17506-Revised
 Report Date: 15-Dec-21
 Date Submitted: 16-Sep-21
 Your Reference: GOS

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

80 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-TBay (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-11-02 10:14:41
1A3-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-11-05 22:08:41
1A4 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-12-10 15:25:21

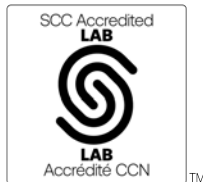
REPORT **A21-17506-Revised**

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 673

ACTIVATION LABORATORIES LTD.
 1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
 TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
449461	0.007								
449462	0.008								
449463	0.057								
449464	> 5.000	57.8	14.3	13.8	14.6	12.11	977.00	989.11	15.5
449465	0.033								
449466	0.032								
449467	0.017								
449468	0.008								
449469	0.006								
449470	0.016								
449471	0.369								
449472	< 0.005								
449473	0.699								
449474	0.011								
449475	0.015								
449476	0.008								
449477	0.016								
449478	0.008								
449479	0.023								
449480	0.008								
449481	0.030								
449482	0.011								
449483	0.054								
449484	1.431								
449485	0.068								
449486	0.018								
449487	0.390								
449488	0.197								
449489	0.006								
449490	0.006								
449491	< 0.005								
449492	0.014								
449493	0.014								
449494	0.017								
449495	0.021								
449496	< 0.005								
449497	0.025								
449498	0.006								
449499	0.019								
449500	0.014								
442501	0.044								
442502	0.028								
442503	0.123								
442504	0.209								
442505	0.090								
442506	0.051								
442507	0.082								
442508	0.205								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
442509	0.069								
442510	0.112								
442511	0.082								
442512	0.486								
442513	0.132								
442514	0.038								
442515	0.203								
442516	0.011								
442517	0.021								
442518	0.013								
442519	0.147								
442520	0.069								
442521	0.145								
442522	0.174								
442523	0.028								
442524	< 0.005								
442525	0.024								
442526	0.025								
442527	0.094								
442528	0.169								
442529	0.009								
442530	0.007								
442531	0.006								
442532	0.361								
442533	0.090								
442534	0.079								
442535	0.036								
442536	0.674								
442537	0.050								
442538	0.128								
442539	0.088								
442540	0.050								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
OREAS 229b (Fire Assay) Meas					11.8				
OREAS 229b (Fire Assay) Cert					11.9				
Oreas 237 (Fire Assay) Meas	2.231								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.249								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.227								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.263								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 257b (Fire Assay) Meas					14.9				
OREAS 257b (Fire Assay) Cert					14.2				
Oreas E1336 (Fire Assay) Meas	0.509								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.513								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.510								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.506								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 245 Fire assay Meas									25.8
OREAS 245 Fire assay Cert									25.7
OREAS 297 (Fire Assay) Meas									18.1
OREAS 297 (Fire Assay) Cert									17.8
449464 Orig	> 5.000	57.8	14.3	13.8	14.6	12.11	977.00	989.11	
449464 Dup	> 5.000								
449478 Orig	0.008								
449478 Dup	0.011								
449488 Orig	0.197								
449488 Dup	0.171								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-GRA
449499 Orig	0.019								
449499 Dup	0.018								
442510 Split Orig PREP DUP	0.112								
442510 Split PREP DUP	0.121								
442513 Orig	0.132								
442513 Dup	0.131								
442522 Orig	0.174								
442522 Dup	0.152								
442533 Orig	0.090								
442533 Dup	0.116								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank									< 0.03
Method Blank									< 0.03
Method Blank					< 0.03			0.00000	



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-17508
 Report Date: 05-Nov-21
 Date Submitted: 16-Sep-21
 Your Reference: GOS-234

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

136 Core samples were submitted for analysis.

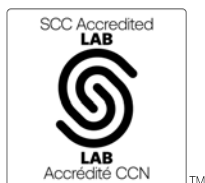
The following analytical package(s) were requested:		Testing Date:
1A2-TBay (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-11-01 17:52:46

REPORT **A21-17508**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 673

ACTIVATION LABORATORIES LTD.
 1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
 TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
449325	0.166
449326	0.129
449327	0.353
449328	0.633
449329	0.178
449330	0.186
449331	0.047
449332	0.048
449333	0.057
449334	0.044
449335	0.077
449336	0.681
449337	0.220
449338	0.222
449339	0.299
449340	0.133
449341	0.148
449342	0.332
449343	0.095
449344	0.153
449345	< 0.005
449346	< 0.005
449347	< 0.005
449348	< 0.005
449349	0.239
449350	0.063
449351	0.055
449352	0.045
449353	0.070
449354	0.223
449355	0.173
449356	0.077
449357	0.107
449358	0.288
449359	0.412
449360	0.180
449361	0.238
449362	0.402
449363	0.173
449364	0.061
449365	0.028
449366	0.053
449367	0.077
449368	0.173
449369	0.311
449370	0.191
449371	0.665
449372	< 0.005
449373	0.643
449374	0.112
449375	0.200

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
449376	0.217
449377	0.112
449378	0.347
449379	0.125
449380	0.173
449381	0.042
449382	0.071
449383	0.036
449384	1.489
449385	0.015
449386	0.096
449387	0.045
449388	0.699
449389	0.067
449390	0.061
449391	0.074
449392	0.079
449393	0.230
449394	0.134
449395	0.009
449396	< 0.005
449397	0.434
449398	0.076
449399	0.022
449400	< 0.005
449401	0.045
449402	1.178
449403	0.055
449404	0.268
449405	0.090
449406	0.116
449407	0.185
449408	0.032
449409	0.104
449410	0.042
449411	0.083
449412	0.503
449413	0.102
449414	2.348
449415	0.274
449416	0.064
449417	0.027
449418	0.031
449419	0.021
449420	0.024
449421	0.042
449422	0.241
449423	0.101
449424	< 0.005
449425	0.106
449426	0.320

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
449427	0.166
449428	2.041
449429	0.100
449430	0.102
449431	0.155
449432	0.167
449433	0.029
449434	0.033
449435	0.302
449436	0.685
449437	0.022
449438	0.054
449439	0.162
449440	0.022
449441	0.035
449442	0.086
449443	0.190
449444	0.531
449445	0.219
449446	0.553
449447	0.083
449448	< 0.005
449449	0.020
449450	0.016
449451	0.169
449452	0.047
449453	0.121
449454	0.187
449455	2.230
449456	0.025
449457	0.015
449458	< 0.005
449459	< 0.005
449460	0.182

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	3.101
OREAS 238 (Fire Assay) Cert	3.03
Oreas 237 (Fire Assay) Meas	2.291
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.250
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.297
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.516
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.523
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.529
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.516
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.529
Oreas E1336 (Fire Assay) Cert	0.510
449333 Orig	0.046
449333 Dup	0.067
449343 Orig	0.111
449343 Dup	0.080
449347 Orig	< 0.005
449347 Dup	< 0.005
449374 Split Orig PREP DUP	0.112
449374 Split PREP DUP	0.097
449377 Orig	0.105
449377 Dup	0.120
449413 Orig	0.087
449413 Dup	0.117
449416 Orig	0.071
449416 Dup	0.057
449425 Split Orig PREP DUP	0.106
449425 Split PREP DUP	0.116
449437 Orig	0.023

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
449437 Dup	0.021
449446 Orig	0.518
449446 Dup	0.589
449450 Orig	0.016
449450 Dup	0.016
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-17851
Report Date: 16-Nov-21
Date Submitted: 23-Sep-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

133 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details for 1A2-Timmins, 1A3-Timmins, and 1A4 (100mesh)-Timmins.

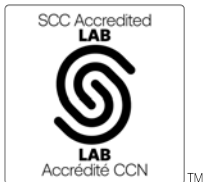
REPORT A21-17851

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
442681	0.111								
442682	0.085								
442683	0.034								
442684	1.591								
442685	0.077								
442686	0.021								
442687	0.032								
442688	0.024								
442689	0.019								
442690	0.025								
442691	0.055								
442692	0.057								
442693	0.042								
442694	0.042								
442695	0.127								
442696	< 0.005								
442697	0.023								
442698	0.025								
442699	0.041								
442700	0.134								
442701	0.137								
442702	0.544								
442703	0.106								
442704	0.064								
442705	0.200								
442706	0.056								
442707	0.083								
442708	0.068								
442709	0.090								
442710	0.078								
442711	0.081								
442712	0.510								
442713	0.151								
442714	0.184								
442715	0.008								
442716	0.152								
442717	0.048								
442718	0.006								
442719	0.015								
442720	0.078								
442721	3.815	4.22							
442722	0.413								
442723	0.523								
442724	0.005								
442725	1.502								
442726	0.804								
442727	0.559								
442728	0.180								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
442729	0.333								
442730	0.135								
442731	0.082								
442732	0.227								
442733	0.302								
442734	> 5.000	8.22	33.5	4.50	4.26	4.94	52.51	2709.0	2761.5
442735	0.844								
442736	0.710								
442737	0.433								
442738	1.938								
442739	0.328								
442740	0.276								
442741	0.219								
442742	0.147								
442743	0.358								
442744	0.583								
442745	1.132								
442746	0.551								
442747	0.533								
442748	0.007								
442749	1.145								
442750	1.993								
442751	0.442								
442752	0.650								
442753	0.211								
442754	1.663								
442755	0.210								
442756	0.125								
442757	0.173								
442758	0.237								
442759	0.226								
442760	0.185								
442761	0.204								
442762	0.116								
442763	0.150								
442764	0.122								
442765	0.028								
442766	0.097								
442767	0.045								
442768	0.027								
442769	0.030								
442770	0.016								
442771	0.017								
442772	< 0.005								
442773	0.021								
442774	0.340								
442775	0.321								
442776	0.435								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
442777	0.133								
442778	0.112								
442779	0.081								
442780	0.079								
442781	0.089								
442782	1.069								
442783	0.560								
442784	1.561								
442785	0.089								
442786	1.377								
442787	0.066								
442788	0.416								
442789	0.342								
442790	0.225								
442791	0.103								
442792	> 5.000	13.7	174	9.14	7.67	14.9	67.27	1649.0	1716.3
442793	0.515								
442794	0.014								
442795	< 0.005								
442796	0.005								
442797	0.079								
442798	0.220								
442799	0.073								
442800	0.013								
442801	0.502								
442802	0.800								
442803	0.058								
442804	0.061								
442805	0.149								
442806	0.137								
442807	0.138								
442808	0.604								
442809	0.494								
442810	0.271								
442811	0.133								
442812	0.511								
442813	0.079								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		12.1				11.9			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 239 (Fire Assay) Meas	3.470								
OREAS 239 (Fire Assay) Cert	3.55								
OREAS 239 (Fire Assay) Meas	3.543								
OREAS 239 (Fire Assay) Cert	3.55								
OREAS 239 (Fire Assay) Meas	3.695								
OREAS 239 (Fire Assay) Cert	3.55								
OREAS 239 (Fire Assay) Meas	3.539								
OREAS 239 (Fire Assay) Cert	3.55								
OREAS 239 (Fire Assay) Meas	3.539								
OREAS 239 (Fire Assay) Cert	3.55								
OREAS 239 (Fire Assay) Meas	3.553								
OREAS 239 (Fire Assay) Cert	3.55								
OREAS 228b (Fire Assay) Meas	> 5.000	8.61				8.67			
OREAS 228b (Fire Assay) Cert	8.57	8.57				8.57			
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.495								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.501								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.527								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.505								
Oreas E1336 (Fire Assay) Cert	0.510								
442690 Orig	0.024								
442690 Dup	0.025								
442700 Orig	0.135								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
442700 Dup	0.134								
442730 Split Orig PREP DUP	0.135								
442730 Split PREP DUP	0.106								
442734 Orig			33.5	4.50	4.26	4.94	52.51	2709.0	2761.5
442737 Orig	0.444								
442737 Dup	0.422								
442738 Orig	1.932								
442738 Dup	1.944								
442748 Orig	0.006								
442748 Dup	0.008								
442751 Orig	0.416								
442751 Dup	0.469								
442766 Orig	0.108								
442766 Dup	0.086								
442776 Orig	0.375								
442776 Dup	0.495								
442780 Split PREP DUP	0.067								
442780 Split Orig PREP DUP	0.079								
442791 Orig	0.112								
442791 Dup	0.094								
442792 Orig			174	9.14	7.67	14.9	67.27	1649.0	1716.3
442806 Orig	0.135								
442806 Dup	0.138								
442813 Orig	0.077								
442813 Dup	0.080								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.03							
Method Blank		< 0.03							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank	< 0.005								
Method Blank	< 0.005								



Report No.: A21-17853
Report Date: 12-Nov-21
Date Submitted: 23-Sep-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested, Testing Date. Row 1: 1A2-Timmins (ppm), GOP AA-Au (Au - Fire Assay AA), 2021-11-09 08:15:50

REPORT A21-17853

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
442541	0.071
442542	< 0.005
442543	0.009
442544	0.027
442545	0.035
442546	0.042
442547	0.052
442548	< 0.005
442549	0.056
442550	0.047
442551	0.031
442552	0.053
442553	0.079
442554	0.020
442555	0.012
442556	0.061
442557	0.013
442558	0.068
442559	0.005
442560	0.181
442561	0.043
442562	0.046
442563	0.109
442564	0.148
442565	0.163
442566	0.022
442567	0.007
442568	0.008
442569	< 0.005
442570	< 0.005
442571	0.309
442572	< 0.005
442573	0.111
442574	0.090
442575	0.068
442576	0.031
442577	0.014
442578	0.037
442579	0.125
442580	0.032
442581	0.131
442582	0.099
442583	0.607
442584	1.508
442585	0.294
442586	0.566
442587	0.075
442588	0.123
442589	0.735
442590	0.739
442591	0.137

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
442592	0.058
442593	0.133
442594	0.088
442595	0.198
442596	< 0.005
442597	0.333
442598	0.080
442599	0.051
442600	0.137
442601	0.147
442602	0.210
442603	0.043
442604	0.071
442605	0.038
442606	0.245
442607	0.124
442608	0.134
442609	0.142
442610	0.170
442611	0.129
442612	0.507
442613	0.243
442614	0.300
442615	0.288
442616	0.367
442617	0.061
442618	0.070
442619	0.170
442620	0.095
442621	0.115
442622	0.051
442623	0.162
442624	< 0.005
442625	0.039
442626	0.046
442627	0.081
442628	1.642
442629	0.076
442630	0.073
442631	0.046
442632	0.108
442633	0.014
442634	0.011
442635	0.009
442636	0.672
442637	0.007
442638	0.015
442639	0.006
442640	0.008
442641	0.012
442642	0.017

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
442643	0.029
442644	0.126
442645	0.074
442646	0.137
442647	0.126
442648	< 0.005
442649	0.104
442650	0.116
442651	0.023
442652	0.035
442653	0.022
442654	0.073
442655	0.073
442656	0.166
442657	0.115
442658	0.143
442659	0.112
442660	0.174
442661	0.201
442662	0.091
442663	0.055
442664	1.442
442665	0.254
442666	0.770
442667	0.144
442668	0.292
442669	0.086
442670	0.184
442671	0.175
442672	< 0.005
442673	0.187
442674	0.099
442675	0.321
442676	0.191
442677	0.125
442678	0.299
442679	0.646
442680	0.060

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OREAS 239 (Fire Assay) Meas	3.441
OREAS 239 (Fire Assay) Cert	3.55
OREAS 239 (Fire Assay) Meas	3.578
OREAS 239 (Fire Assay) Cert	3.55
OREAS 239 (Fire Assay) Meas	3.605
OREAS 239 (Fire Assay) Cert	3.55
OREAS 239 (Fire Assay) Meas	3.561
OREAS 239 (Fire Assay) Cert	3.55
OREAS 239 (Fire Assay) Meas	3.580
OREAS 239 (Fire Assay) Cert	3.55
OREAS 239 (Fire Assay) Meas	3.685
OREAS 239 (Fire Assay) Cert	3.55
OREAS 239 (Fire Assay) Meas	3.498
OREAS 239 (Fire Assay) Cert	3.55
OREAS 228b (Fire Assay) Meas	> 5.000
OREAS 228b (Fire Assay) Cert	8.57
Oreas E1336 (Fire Assay) Meas	0.517
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.506
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.497
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.518
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.524
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.518
Oreas E1336 (Fire Assay) Cert	0.510
442547 Orig	0.053
442547 Dup	0.051



Report No.: A21-17504
Report Date: 08-Nov-21
Date Submitted: 16-Sep-21
Your Reference: GOS

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

80 Core samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested and Testing Date. Row 1: 1A2-TBay (ppm), GOP AA-Au (Au - Fire Assay AA), 2021-11-02 07:21:31

REPORT A21-17504

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 673

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
444081	0.049
444082	0.045
444083	0.025
444084	1.466
444085	0.057
444086	0.101
444087	0.060
444088	0.262
444089	< 0.005
444090	< 0.005
444091	0.163
444092	0.057
444093	0.027
444094	0.019
444095	0.030
444096	< 0.005
444097	0.025
444098	0.020
444099	0.041
444100	0.556
444101	0.118
444102	0.816
444103	0.250
444104	0.632
444105	0.395
444106	0.463
444107	0.209
444108	0.160
444109	0.171
444110	0.204
444111	0.095
444112	0.493
444113	0.075
444114	0.059
444115	0.033
444116	0.062
444117	0.049
444118	0.019
444119	< 0.005
444120	< 0.005
444121	0.050
444122	0.011
444123	0.091
444124	< 0.005
444125	0.437
444126	0.328
444127	0.210
444128	0.072
444129	0.121
444130	0.090
444131	0.326

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
444132	0.090
444133	0.030
444134	0.159
444135	0.022
444136	0.654
444137	0.104
444138	0.068
444139	0.142
444140	0.016
444141	0.150
444142	0.081
444143	0.051
444144	0.069
444145	0.027
444146	0.049
444147	0.035
444148	< 0.005
444149	0.015
444150	0.090
444151	0.041
444152	0.106
444153	0.017
444154	0.015
444155	0.055
444156	0.015
444157	1.071
444158	0.377
444159	0.098
444160	0.180

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	3.121
OREAS 238 (Fire Assay) Cert	3.03
OREAS 238 (Fire Assay) Meas	3.067
OREAS 238 (Fire Assay) Cert	3.03
Oreas 237 (Fire Assay) Meas	2.280
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.231
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.246
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.517
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.502
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.524
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.513
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.515
Oreas E1336 (Fire Assay) Cert	0.510
444089 Orig	< 0.005
444089 Dup	< 0.005
444099 Orig	0.047
444099 Dup	0.035
444102 Orig	0.816
444124 Orig	< 0.005
444124 Dup	< 0.005
444130 Split Orig PREP DUP	0.090
444130 Split PREP DUP	0.092
444133 Orig	0.028
444133 Dup	0.032
444158 Orig	0.393
444158 Dup	0.361
Method Blank	< 0.005
Method Blank	< 0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-17505
Report Date: 02-Nov-21
Date Submitted: 16-Sep-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

80 Core samples were submitted for analysis.

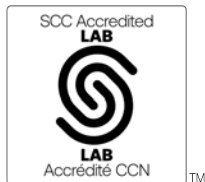
Table with 2 columns: Analytical package(s) requested and Testing Date. Row 1: 1A2-TBay (ppm), GOP AA-Au (Au - Fire Assay AA), 2021-11-02 07:21:31

REPORT A21-17505

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 673

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
444001	0.183
444002	0.208
444003	0.673
444004	0.608
444005	0.153
444006	0.202
444007	0.267
444008	0.231
444009	0.444
444010	0.390
444011	0.567
444012	0.504
444013	0.421
444014	0.276
444015	0.236
444016	0.159
444017	0.298
444018	0.165
444019	0.110
444020	0.120
444021	0.115
444022	0.170
444023	0.171
444024	< 0.005
444025	0.162
444026	0.301
444027	0.143
444028	0.079
444029	0.112
444030	0.156
444031	0.213
444032	0.467
444033	0.171
444034	0.208
444035	0.147
444036	0.670
444037	0.153
444038	0.139
444039	0.251
444040	0.209
444041	0.281
444042	0.469
444043	0.622
444044	0.184
444045	0.139
444046	0.047
444047	0.398
444048	< 0.005
444049	0.067
444050	0.062
444051	0.083

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
444052	0.119
444053	0.243
444054	0.295
444055	0.078
444056	0.047
444057	0.137
444058	0.122
444059	0.057
444060	0.179
444061	0.091
444062	0.097
444063	0.141
444064	0.153
444065	0.243
444066	0.151
444067	0.129
444068	0.197
444069	0.059
444070	0.058
444071	0.157
444072	< 0.005
444073	0.083
444074	0.075
444075	0.110
444076	0.098
444077	0.102
444078	0.028
444079	0.010
444080	0.065

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.216
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.250
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.231
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.506
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.524
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.519
Oreas E1336 (Fire Assay) Cert	0.510
444009 Orig	0.402
444009 Dup	0.487
444019 Orig	0.116
444019 Dup	0.105
444023 Orig	0.173
444023 Dup	0.169
444044 Orig	0.190
444044 Dup	0.178
444050 Split Orig PREP DUP	0.062
444050 Split PREP DUP	0.068
444053 Orig	0.233
444053 Dup	0.254
444057 Orig	0.134
444057 Dup	0.140
444078 Orig	0.032
444078 Dup	0.024
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-17848
Report Date: 05-Nov-21
Date Submitted: 23-Sep-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

50 Core samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2-TBay (ppm) | QOP AA-Au (Au - Fire Assay AA) | 2021-11-02 07:21:31

REPORT A21-17848

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 673

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

[Handwritten signature]

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
444161	0.035
444162	0.049
444163	0.122
444164	0.015
444165	0.399
444166	0.024
444167	0.030
444168	0.059
444169	0.313
444170	0.087
444171	0.125
444172	< 0.005
444173	0.527
444174	0.347
444175	0.055
444176	0.118
444177	0.025
444178	0.013
444179	0.018
444180	< 0.005
444181	0.035
444182	0.006
444183	0.021
444184	1.430
444185	0.006
444186	< 0.005
444187	0.044
444188	< 0.005
444189	< 0.005
444190	< 0.005
444191	0.015
444192	0.042
444193	< 0.005
444194	< 0.005
444195	< 0.005
444196	< 0.005
444197	0.007
444198	0.006
444199	< 0.005
444200	0.005
444201	< 0.005
444202	< 0.005
444203	0.016
444204	0.047
444205	0.014
444206	0.015
444207	0.021
444208	0.047
444209	0.031
444210	0.054

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	3.067
OREAS 238 (Fire Assay) Cert	3.03
Oreas 237 (Fire Assay) Meas	2.227
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.243
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.502
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.504
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.509
Oreas E1336 (Fire Assay) Cert	0.510
444169 Orig	0.345
444169 Dup	0.282
444179 Orig	0.019
444179 Dup	0.016
444183 Orig	0.024
444183 Dup	0.019
444210 Split Orig PREP DUP	0.054
444210 Split PREP DUP	0.046
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

Report No.: A21-18797
 Report Date: 10-Nov-21
 Date Submitted: 06-Oct-21
 Your Reference: GOS-234

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

106 Core samples were submitted for analysis.

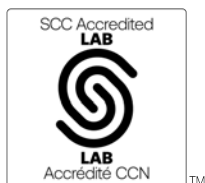
The following analytical package(s) were requested:		Testing Date:
1A2-Timmins (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-11-10 11:37:35

REPORT **A21-18797**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
 1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
444351	0.128
444352	0.166
444353	0.169
444354	0.068
444355	0.131
444356	0.049
444357	0.019
444358	0.025
444359	0.077
444360	0.181
444361	0.189
444362	0.247
444363	0.212
444364	0.394
444365	0.763
444366	0.300
444367	0.251
444368	0.301
444369	0.137
444370	0.211
444371	0.612
444372	0.006
444373	0.560
444374	0.046
444375	0.014
444376	0.024
444377	0.219
444378	0.058
444379	0.030
444380	0.287
444381	0.026
444382	0.424
444383	0.048
444384	1.468
444385	0.040
444386	0.087
444387	0.017
444388	0.011
444389	0.208
444390	0.102
444391	0.014
444392	0.084
444393	0.064
444394	0.014
444395	0.009
444396	< 0.005
444397	0.025
444398	0.053
444399	0.019
444400	0.043
444401	0.073

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
444402	0.212
444403	0.061
444404	0.185
444405	0.064
444406	0.106
444407	0.054
444408	0.051
444409	0.013
444410	0.014
444411	0.009
444412	0.477
444413	0.008
444414	0.017
444415	0.075
444416	0.070
444417	0.058
444418	0.024
444419	0.016
444420	0.076
444421	0.107
444422	0.057
444423	0.047
444424	< 0.005
444425	0.240
444426	0.017
444427	0.123
444428	0.035
444429	0.014
444430	0.019
444431	0.010
444432	0.045
444433	0.012
444434	0.005
444435	0.011
444436	0.669
444437	0.037
444438	0.009
444439	0.279
444440	0.041
444441	0.044
444442	0.214
444443	0.048
444444	0.229
444445	0.018
444446	1.550
444447	0.087
444448	< 0.005
444449	0.335
444450	0.263
444451	0.130
444452	0.661

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
444453	0.385
444454	0.211
444455	0.493
444456	0.609

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OREAS 239 (Fire Assay) Meas	3.593
OREAS 239 (Fire Assay) Cert	3.55
OREAS 239 (Fire Assay) Meas	3.554
OREAS 239 (Fire Assay) Cert	3.55
OREAS 239 (Fire Assay) Meas	3.507
OREAS 239 (Fire Assay) Cert	3.55
OREAS 239 (Fire Assay) Meas	3.558
OREAS 239 (Fire Assay) Cert	3.55
Oreas E1336 (Fire Assay) Meas	0.514
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.520
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.511
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.515
Oreas E1336 (Fire Assay) Cert	0.510
444353 Orig	0.140
444353 Dup	0.197
444364 Orig	0.357
444364 Dup	0.431
444374 Orig	0.036
444374 Dup	0.056
444394 Orig	0.012
444394 Dup	0.016
444400 Split Orig PREP DUP	0.043
444400 Split PREP DUP	0.025
444403 Orig	0.058
444403 Dup	0.064
444413 Orig	0.008
444413 Dup	0.007
444434 Orig	0.005
444434 Dup	0.005
444444 Orig	0.181
444444 Dup	0.277
444450 Split PREP DUP	0.253
444450 Split Orig PREP DUP	0.263

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
444455 Orig	0.494
444455 Dup	0.493
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-18799
Report Date: 10-Nov-21
Date Submitted: 06-Oct-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested, Testing Date. Row 1: 1A2 (ppm), GOP AA-Au (Au - Fire Assay AA), 2021-11-01 17:18:17

REPORT A21-18799

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
444211	0.007
444212	0.499
444213	0.008
444214	0.052
444215	0.023
444216	0.024
444217	0.031
444218	0.064
444219	0.058
444220	0.089
444221	0.069
444222	0.032
444223	0.018
444224	0.005
444225	0.023
444226	0.013
444227	0.021
444228	0.020
444229	0.031
444230	0.052
444231	0.097
444232	0.197
444233	0.042
444234	0.043
444235	0.228
444236	0.687
444237	0.045
444238	0.012
444239	0.016
444240	0.053
444241	0.162
444242	< 0.005
444243	< 0.005
444244	< 0.005
444245	< 0.005
444246	0.024
444247	0.075
444248	< 0.005
444249	0.040
444250	0.075
444251	0.029
444252	< 0.005
444253	< 0.005
444254	< 0.005
444255	0.030
444256	0.019
444257	0.244
444258	0.006
444259	0.042
444260	0.194
444261	0.011

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
444262	0.007
444263	0.011
444264	< 0.005
444265	0.011
444266	0.020
444267	0.010
444268	0.011
444269	0.008
444270	0.011
444271	< 0.005
444272	< 0.005
444273	0.007
444274	< 0.005
444275	< 0.005
444276	0.010
444277	0.005
444278	< 0.005
444279	< 0.005
444280	0.006
444281	0.005
444282	0.005
444283	< 0.005
444284	1.518
444285	0.127
444286	0.006
444287	0.007
444288	0.018
444289	0.034
444290	0.043
444291	0.054
444292	0.022
444293	0.015
444294	0.029
444295	0.012
444296	< 0.005
444297	0.012
444298	0.009
444299	0.018
444300	0.016
444301	0.020
444302	0.015
444303	0.015
444304	0.015
444305	0.011
444306	0.007
444307	0.018
444308	0.986
444309	0.371
444310	0.262
444311	0.237
444312	0.498

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
444313	0.074
444314	0.024
444315	0.099
444316	0.361
444317	0.530
444318	0.215
444319	0.072
444320	0.347
444321	0.083
444322	0.080
444323	0.129
444324	< 0.005
444325	0.008
444326	0.083
444327	0.253
444328	0.217
444329	1.311
444330	1.020
444331	0.134
444332	0.079
444333	0.055
444334	0.153
444335	0.076
444336	0.688
444337	0.460
444338	0.086
444339	0.124
444340	0.074
444341	0.321
444342	0.124
444343	0.208
444344	0.033
444345	0.396
444346	0.177
444347	0.110
444348	< 0.005
444349	0.190
444350	0.129

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas 237 (Fire Assay) Meas	2.234
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.295
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.246
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.268
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.245
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.238
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.256
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.215
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.262
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.267
Oreas 237 (Fire Assay) Cert	2.21
Oreas E1336 (Fire Assay) Meas	0.525
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.521
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.518
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.521
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.515

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.514
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.510
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.529
Oreas E1336 (Fire Assay) Cert	0.510
444220 Orig	0.082
444220 Dup	0.095
444261 Split Orig PREP DUP	0.011
444261 Split PREP DUP	0.005
444261 Orig	0.005
444261 Dup	0.017
444267 Orig	0.010
444267 Dup	0.011
444268 Orig	0.011
444268 Dup	0.011
444278 Orig	< 0.005
444278 Dup	0.019
444281 Orig	0.005
444281 Dup	0.005
444296 Orig	< 0.005
444296 Dup	< 0.005
444306 Orig	0.008
444306 Dup	0.006
444310 Split PREP DUP	0.271
444310 Split Orig PREP DUP	0.262
444321 Orig	0.073
444321 Dup	0.094
444346 Orig	0.179
444346 Dup	0.175
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.006
Method Blank	0.006



Report No.: A21-18793
Report Date: 11-Nov-21
Date Submitted: 06-Oct-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested and Testing Date. Row 1: 1A2-Timmins (ppm), GOP AA-Au (Au - Fire Assay AA), 2021-11-09 15:30:35

REPORT A21-18793

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
442951	0.785
442952	0.083
442953	0.261
442954	0.031
442955	0.145
442956	0.216
442957	0.051
442958	0.067
442959	0.021
442960	0.176
442961	0.063
442962	0.241
442963	0.059
442964	0.158
442965	0.283
442966	0.068
442967	0.054
442968	0.115
442969	0.406
442970	0.178
442971	2.354
442972	< 0.005
442973	0.009
442974	0.022
442975	0.145
442976	0.027
442977	0.029
442978	0.192
442979	0.413
442980	0.099
442981	0.037
442982	0.448
442983	0.013
442984	1.488
442985	0.259
442986	0.062
442987	0.066
442988	0.025
442989	0.195
442990	0.026
442991	0.261
442992	0.055
442993	< 0.005
442994	0.172
442995	0.006
442996	< 0.005
442997	0.229
442998	0.108
442999	0.133
443000	0.083
443001	0.038

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
443002	0.064
443003	0.141
443004	0.250
443005	0.360
443006	0.233
443007	0.471
443008	0.097
443009	1.697
443010	0.025
443011	2.843
443012	0.488
443013	0.013
443014	0.227
443015	0.430
443016	0.608
443017	0.116
443018	0.553
443019	0.237
443020	0.785
443021	0.067
443022	0.102
443023	0.059
443024	< 0.005
443025	< 0.005
443026	0.055
443027	0.099
443028	0.078
443029	0.451
443030	0.147
443031	0.102
443032	0.081
443033	0.239
443034	0.127
443035	0.203
443036	0.658
443037	0.195
443038	0.506
443039	0.246
443040	0.190
443041	< 0.005
443042	0.069
443043	0.470
443044	0.220
443045	0.422
443046	0.417
443047	0.362
443048	< 0.005
443049	0.149
443050	0.205
443051	0.468
443052	0.507

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
443053	1.719
443054	2.094
443055	2.576
443056	0.615
443057	0.453
443058	0.471
443059	0.158
443060	0.176
443061	0.220
443062	0.728
443063	0.360
443064	1.365
443065	0.612
443066	0.050
443067	0.020
443068	0.101
443069	0.276
443070	0.094
443071	0.045
443072	< 0.005
443073	0.805
443074	0.027
443075	0.125
443076	0.087
443077	0.166
443078	0.179
443079	0.443
443080	0.128
443081	0.009
443082	0.067
443083	0.021
443084	1.446
443085	0.021
443086	0.171
443087	0.061
443088	0.395
443089	0.186
443090	0.182

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OREAS 239 (Fire Assay) Meas	3.451
OREAS 239 (Fire Assay) Cert	3.55
OREAS 239 (Fire Assay) Meas	3.596
OREAS 239 (Fire Assay) Cert	3.55
OREAS 239 (Fire Assay) Meas	3.644
OREAS 239 (Fire Assay) Cert	3.55
OREAS 239 (Fire Assay) Meas	3.604
OREAS 239 (Fire Assay) Cert	3.55
OREAS 239 (Fire Assay) Meas	3.537
OREAS 239 (Fire Assay) Cert	3.55
OREAS 239 (Fire Assay) Meas	3.678
OREAS 239 (Fire Assay) Cert	3.55
Oreas E1336 (Fire Assay) Meas	0.505
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.506
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.510
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.520
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.511
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.521
Oreas E1336 (Fire Assay) Cert	0.510
442959 Orig	0.020
442959 Dup	0.023
442969 Orig	0.457
442969 Dup	0.355
442979 Orig	0.413
442986 Orig	0.069
442986 Dup	0.055
442998 Orig	0.125
442998 Dup	0.091

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
443000 Split Orig PREP DUP	0.083
443000 Split PREP DUP	0.103
443000 Orig	0.078
443000 Dup	0.088
443000 Split PREP DUP	0.103
443007 Orig	0.491
443007 Dup	0.452
443022 Orig	0.106
443022 Dup	0.099
443032 Orig	0.094
443032 Dup	0.069
443042 Orig	0.080
443042 Dup	0.059
443050 Split PREP DUP	0.223
443050 Orig	0.205
443050 Split Orig PREP DUP	0.205
443050 Split PREP DUP	0.223
443055 Orig	2.630
443055 Dup	2.523
443070 Orig	0.087
443070 Dup	0.100
443087 Orig	0.063
443087 Dup	0.060
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005



Report No.: A21-18817
Report Date: 16-Nov-21
Date Submitted: 06-Oct-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

141 Core samples were submitted for analysis.

Table with 3 columns: Analytical package, Description, and Testing Date. Rows include 1A2 (ppm), 1A3-50, and 1A4 (100mesh).

REPORT A21-18817

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
443091	0.162								
443092	1.562								
443093	0.418								
443094	0.071								
443095	0.046								
443096	< 0.005								
443097	0.152								
443098	0.290								
443099	0.351								
443100	0.014								
443101	0.031								
443102	0.020								
443103	0.029								
443104	0.029								
443105	0.026								
443106	0.060								
443107	0.037								
443108	0.108								
443109	0.130								
443110	0.046								
443111	0.475								
443112	0.507								
443113	0.087								
443114	0.092								
443115	0.071								
443116	0.049								
443117	0.150								
443118	0.093								
443119	0.006								
443120	0.118								
443121	0.221								
443122	0.266								
443123	0.274								
443124	0.461								
443125	0.064								
443126	0.110								
443127	0.179								
443128	0.059								
443129	0.263								
443130	0.312								
443131	0.197								
443132	0.076								
443133	0.282								
443134	0.299								
443135	0.048								
443136	0.683								
443137	0.096								
443138	0.099								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
443139	0.072								
443140	0.082								
443141	0.093								
443142	0.147								
443143	0.226								
443144	0.078								
443145	0.312								
443146	0.102								
443147	0.325								
443148	< 0.005								
443149	0.102								
443150	0.056								
443151	0.093								
443152	0.196								
443153	0.123								
443154	0.448								
443155	0.947								
443156	0.226								
443157	0.509								
443158	0.313								
443159	0.465								
443160	0.190								
443161	0.949								
443162	1.088								
443163	1.099								
443164	0.248								
443165	0.127								
443166	0.175								
443167	0.018								
443168	0.270								
443169	0.092								
443170	0.108								
443171	0.014								
443172	< 0.005								
443173	0.085								
443174	0.201								
443175	0.235								
443176	0.277								
443177	0.479								
443178	0.187								
443179	0.137								
443180	0.607								
443181	0.217								
443182	0.405								
443183	0.679								
443184	1.539								
443185	0.864								
443186	1.648								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
443187	0.937								
443188	0.226								
443189	0.088								
443190	0.187								
443191	0.029								
443192	0.988								
443193	0.400								
443194	0.031								
443195	0.289								
443196	< 0.005								
443197	0.270								
443198	0.126								
443199	0.702								
443200	0.537								
443201	0.498								
443202	1.294								
443203	3.079	2.98							
443204	> 5.000	6.55	26.7	6.93	6.20	7.37	56.40	1362.0	1418.4
443205	4.059	3.64							
443206	0.368								
443207	3.616	4.60							
443208	1.488								
443209	1.486								
443210	1.175								
443211	1.439								
443212	0.504								
443213	1.026								
443214	0.713								
443215	2.243								
443216	0.520								
443217	0.556								
443218	0.009								
443219	0.010								
443220	1.057								
443221	0.887								
443222	1.369								
443223	1.944								
443224	< 0.005								
443225	0.664								
443226	2.940								
443227	> 5.000	5.42	1.95	4.79	4.56	4.55	58.87	1250.0	1308.9
443228	1.367								
443229	2.006								
443230	2.743								
443283	0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Oreas 237 (Fire Assay) Meas	2.295								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.295								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.246								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.268								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.245								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.238								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.256								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.215								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.262								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.267								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 257b (Fire Assay) Meas		13.5				13.5			
OREAS 257b (Fire Assay) Cert		14.2				14.2			
Oreas E1336 (Fire Assay) Meas	0.526								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.518								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.514								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.510								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.529								
Oreas E1336 (Fire Assay) Cert	0.510								
443091 Orig	0.167								
443091 Dup	0.157								
443101 Orig	0.029								
443101 Dup	0.032								
443116 Orig	0.049								
443116 Dup	0.048								
443140 Split Orig PREP DUP	0.082								
443140 Split PREP DUP	0.081								
443140 Orig	0.092								
443140 Dup	0.072								
443154 Orig	0.452								
443154 Dup	0.444								
443159 Orig	0.478								
443159 Dup	0.451								
443169 Orig	0.088								
443169 Dup	0.096								
443179 Orig	0.131								
443179 Dup	0.142								
443190 Split PREP DUP	0.188								
443190 Split Orig PREP DUP	0.187								
443192 Orig	0.939								
443192 Dup	1.036								
443204 Orig			26.7	6.93	6.20	7.37	56.40	1362.0	1418.4
443210 Orig	1.240								
443210 Dup	1.110								
443227 Orig			1.95	4.79	4.56	4.55	58.87	1250.0	1308.9
Method Blank	< 0.005								



Report No.: A21-18819
Report Date: 16-Nov-21
Date Submitted: 06-Oct-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

137 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s), Testing Date, and details. Rows include 1A2-Timmins (ppm), 1A3-Timmins, and 1A4 (100mesh)-Timmins.

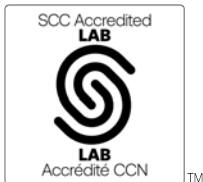
REPORT A21-18819

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
442814	0.029								
442815	0.267								
442816	1.142								
442817	0.081								
442818	0.017								
442819	0.019								
442820	0.042								
442821	0.343								
442822	0.169								
442823	0.343								
442824	0.006								
442825	0.049								
442826	0.040								
442827	0.122								
442828	0.043								
442829	0.237								
442830	0.232								
442831	0.280								
442832	0.242								
442833	0.113								
442834	0.129								
442835	0.042								
442836	0.467								
442837	0.030								
442838	0.019								
442839	0.014								
442840	0.007								
442841	0.008								
442842	0.006								
442843	0.007								
442844	0.007								
442845	0.007								
442846	0.012								
442847	0.019								
442848	< 0.005								
442849	0.011								
442850	0.013								
442851	0.015								
442852	0.013								
442853	0.011								
442854	0.012								
442855	0.014								
442856	0.012								
442857	0.013								
442858	0.015								
442859	0.013								
442860	0.186								
442861	0.023								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
442862	0.012								
442863	0.013								
442864	0.014								
442865	0.012								
442866	0.038								
442867	0.028								
442868	0.401								
442869	1.332								
442870	1.043								
442871	1.032								
442872	0.008								
442873	0.332								
442874	0.292								
442875	0.867								
442876	> 5.000	7.41	101	4.46	5.02	7.79	60.18	1844.0	1904.2
442877	> 5.000	8.98	27.3	5.38	5.43	6.61	49.35	842.00	891.35
442878	0.158								
442879	0.534								
442880	0.537								
442881	0.209								
442882	0.486								
442883	0.430								
442884	1.429								
442885	0.801								
442886	0.028								
442887	0.996								
442888	0.756								
442889	0.422								
442890	0.420								
442891	0.984								
442892	1.098								
442893	0.774								
442894	1.917								
442895	0.687								
442896	0.007								
442897	1.858								
442898	0.212								
442899	0.077								
442900	0.020								
442901	0.361								
442902	> 5.000	6.67	63.6	2.29	1.72	4.34	42.24	1072.0	1114.2
442903	0.347								
442904	0.616								
442905	0.880								
442906	1.117								
442907	0.275								
442908	0.560								
442909	0.331								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
442910	0.310								
442911	0.438								
442912	1.065								
442913	0.549								
442914	0.696								
442915	0.319								
442916	0.627								
442917	1.042								
442918	1.660								
442919	0.442								
442920	1.146								
442921	0.653								
442922	0.918								
442923	0.547								
442924	< 0.005								
442925	0.067								
442926	0.038								
442927	0.120								
442928	0.065								
442929	0.453								
442930	0.439								
442931	0.405								
442932	0.281								
442933	0.243								
442934	0.024								
442935	0.432								
442936	0.654								
442937	0.254								
442938	0.063								
442939	0.056								
442940	0.194								
442941	0.799								
442942	0.125								
442943	0.136								
442944	0.101								
442945	0.635								
442946	0.240								
442947	0.227								
442948	< 0.005								
442949	0.214								
442950	0.236								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Meas		11.9				11.9			
OREAS 229b (Fire Assay) Cert		11.9				11.9			
OREAS 229b (Fire Assay) Meas		12.1							
OREAS 229b (Fire Assay) Cert		11.9							
OREAS 239 (Fire Assay) Meas	3.441								
OREAS 239 (Fire Assay) Cert	3.55								
OREAS 239 (Fire Assay) Meas	3.543								
OREAS 239 (Fire Assay) Cert	3.55								
OREAS 239 (Fire Assay) Meas	3.599								
OREAS 239 (Fire Assay) Cert	3.55								
OREAS 239 (Fire Assay) Meas	3.721								
OREAS 239 (Fire Assay) Cert	3.55								
OREAS 239 (Fire Assay) Meas	3.664								
OREAS 239 (Fire Assay) Cert	3.55								
OREAS 239 (Fire Assay) Meas	3.690								
OREAS 239 (Fire Assay) Cert	3.55								
OREAS 228b (Fire Assay) Meas	> 5.000	8.52				8.67			
OREAS 228b (Fire Assay) Cert	8.57	8.57				8.57			
OREAS 228b (Fire Assay) Meas		8.61							
OREAS 228b (Fire Assay) Cert		8.57							
Oreas E1336 (Fire Assay) Meas	0.517								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.530								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.528								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.526								
Oreas E1336 (Fire Assay) Meas	0.510								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.520								
Oreas E1336 (Fire Assay) Cert	0.510								
442816 Orig	1.068								
442816 Dup	1.216								
442827 Orig	0.124								
442827 Dup	0.120								
442837 Orig	0.033								
442837 Dup	0.026								
442857 Orig	0.013								
442857 Dup	0.013								
442863 Split Orig PREP DUP	0.013								
442863 Split PREP DUP	0.013								
442876 Orig	> 5.000		101	4.46	5.02	7.79	60.18	1844.0	1904.2
442876 Dup	> 5.000								
442877 Orig			27.3	5.38	5.43	6.61	49.35	842.00	891.35
442897 Orig	1.802								
442897 Dup	1.914								
442902 Orig			63.6	2.29	1.72	4.34	42.24	1072.0	1114.2
442905 Orig	0.899								
442905 Dup	0.860								
442907 Orig	0.264								
442907 Dup	0.287								
442909 Orig	0.326								
442909 Dup	0.337								
442913 Split PREP DUP	0.535								
442913 Split Orig PREP DUP	0.549								
442916 Orig	0.593								
442916 Dup	0.662								
442919 Orig	0.447								
442919 Dup	0.436								
442932 Orig	0.281								
442932 Dup	0.281								
442944 Orig	0.119								
442944 Dup	0.082								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank		< 0.03							
Method Blank		< 0.03							
Method Blank						< 0.03			
Method Blank						< 0.03			
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.03							
Method Blank		< 0.03							



Report No.: A21-18820
Report Date: 16-Nov-21
Date Submitted: 06-Oct-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

52 Core samples were submitted for analysis.

Table with 3 columns: Analytical package requested, Test description, and Testing Date. Rows include 1A2 (ppm) and 1A3-50.

REPORT A21-18820

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
443231	1.618								
443232	1.398								
443233	0.864								
443234	0.236								
443235	0.220								
443236	2.042								
443237	0.120								
443238	0.171								
443239	0.251								
443240	0.157								
443241	> 5.000	66.3	5.57	4.75	8.32	66.40	1217.0	1283.4	12.7
443242	0.630								
443243	0.317								
443244	0.023								
443245	0.256								
443246	0.247								
443247	0.693								
443248	0.007								
443249	0.415								
443250	0.431								
443251	0.122								
443252	1.085								
443253	0.506								
443254	0.587								
443255	0.083								
443256	0.216								
443257	0.043								
443258	0.195								
443259	0.174								
443260	0.191								
443261	0.397								
443262	0.697								
443263	0.056								
443264	0.048								
443265	0.134								
443266	2.359								
443267	0.266								
443268	0.171								
443269	1.055								
443270	0.513								
443271	0.166								
443272	< 0.005								
443273	0.865								
443274	0.715								
443275	0.792								
443276	0.303								
443277	0.702								
443278	0.254								

Results

Activation Laboratories Ltd.

Report: A21-18820

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.02
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
443279	0.286								
443280	0.487								
443281	0.030								
443282	0.271								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Oreas 237 (Fire Assay) Meas	2.295								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.295								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.246								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.268								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.245								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.238								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.256								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.215								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.262								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.267								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 257b (Fire Assay) Meas		13.5				13.5			
OREAS 257b (Fire Assay) Cert		14.2				14.2			
Oreas E1336 (Fire Assay) Meas	0.526								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.518								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.515								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.514								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.510								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.529								
Oreas E1336 (Fire Assay) Cert	0.510								
OREAS 228 Meas		8.20							
OREAS 228 Cert		8.73							
443234 Orig	0.263								
443234 Dup	0.208								
443241 Orig			66.3	5.57	4.75	8.32	66.40	1217.0	1283.4
443244 Orig	0.019								
443244 Dup	0.026								
443254 Orig	0.615								
443254 Dup	0.558								
443266 Orig	2.286								
443266 Dup	2.433								
443274 Orig	0.754								
443274 Dup	0.676								
443280 Split Orig PREP DUP	0.487								
443280 Split PREP DUP	0.493								
443281 Orig	0.025								
443281 Dup	0.036								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-21505-ReAssay
Report Date: 19-Nov-21
Date Submitted: 17-Nov-21
Your Reference: 234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

31 Pulp samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested and Testing Date. Row 1: 1A2-Timmins (ppm) | GOP AA-Au (Au - Fire Assay AA) | 2021-11-18 10:42:37

REPORT A21-21505-ReAssay

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
442821	0.377
442822	0.150
442823	0.203
442824	< 0.005
442825	0.037
442826	0.030
442827	0.128
442828	0.020
442829	0.259
442830	0.250
442831	0.293
442832	0.252
442833	0.093
442834	0.104
442835	0.029
258697	0.706
442837	0.021
442838	0.012
442839	0.013
442840	0.008
442841	0.005
442842	0.005
442843	< 0.005
442844	0.005
442845	0.006
442846	0.006
442847	< 0.005
442848	< 0.005
442849	0.007
442850	0.009
442851	0.007

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OREAS 239 (Fire Assay) Meas	3.651
OREAS 239 (Fire Assay) Cert	3.55
OREAS 239 (Fire Assay) Meas	3.695
OREAS 239 (Fire Assay) Cert	3.55
Oreas E1336 (Fire Assay) Meas	0.520
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.506
Oreas E1336 (Fire Assay) Cert	0.510
442827 Orig	0.115
442827 Dup	0.141
442837 Orig	0.022
442837 Dup	0.020
442847 Orig	< 0.005
442847 Dup	0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-21507-ReAssay
Report Date: 13-Dec-21
Date Submitted: 17-Nov-21
Your Reference: 234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

31 Pulp samples were submitted for analysis.

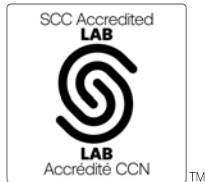
Table with 3 columns: Analytical package requested, Test description, and Testing Date. Rows include 1A2-Timmins (ppm) and 1A3-Timmins.

REPORT A21-21507-ReAssay

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA- GRA
442897	1.896	
442898	0.272	
442899	0.075	
442900	0.012	
442901	0.357	
442902	> 5.000	6.02
442903	0.570	
442904	0.711	
442905	1.020	
442906	0.973	
442907	0.397	
442908	0.685	
442909	0.355	
442910	0.444	
442911	0.386	
258698	0.506	
442913	0.578	
442914	0.212	
442915	0.377	
442916	0.568	
442917	1.107	
442918	1.848	
442919	0.399	
442920	1.242	
442921	0.682	
442922	0.979	
442923	0.551	
442924	0.008	
442925	0.066	
442926	0.019	
442927	0.151	

Analyte Symbol	Au	Au
Unit Symbol	ppm	g/tonne
Lower Limit	0.005	0.03
Method Code	FA-AA	FA- GRA
OREAS 229b (Fire Assay) Meas		11.9
OREAS 229b (Fire Assay) Cert		11.9
OREAS 256 (Fire Assay) Meas		7.60
OREAS 256 (Fire Assay) Cert		7.66
OREAS 239 (Fire Assay) Meas	3.696	
OREAS 239 (Fire Assay) Cert	3.55	
OREAS 239 (Fire Assay) Meas	3.580	
OREAS 239 (Fire Assay) Cert	3.55	
OREAS 239 (Fire Assay) Meas	3.409	
OREAS 239 (Fire Assay) Cert	3.55	
OREAS 239 (Fire Assay) Meas	3.592	
OREAS 239 (Fire Assay) Cert	3.55	
Oreas E1336 (Fire Assay) Meas	0.523	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.520	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.505	
Oreas E1336 (Fire Assay) Cert	0.510	
Oreas E1336 (Fire Assay) Meas	0.490	
Oreas E1336 (Fire Assay) Cert	0.510	
442902 Orig		6.02
442903 Orig	0.570	
442903 Dup	0.661	
442913 Dup	0.578	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank	< 0.005	
Method Blank		< 0.03
Method Blank		< 0.03
Method Blank	< 0.005	
Method Blank	< 0.005	



Report No.: A21-19331
Report Date: 12-Nov-21
Date Submitted: 14-Oct-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

50 Core samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested and Testing Date. Row 1: 1A2-Geraldton (ppm) | GOP AA-Au (Au - Fire Assay AA) | 2021-11-12 16:32:12

REPORT A21-19331

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



ACTIVATION LABORATORIES LTD.
801 Main Street, P.O. Box 999, Geraldton, Ontario, Canada, P0T 1M0
TELEPHONE +807 854-2020 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Geraldton@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
446741	0.006
446742	0.021
446743	0.016
446744	0.029
446745	0.359
446746	0.783
446747	0.962
446748	< 0.005
446749	0.143
446750	0.098
446751	0.037
446752	0.387
446753	0.288
446754	0.245
446755	0.456
446756	0.320
446757	0.128
446758	0.368
446759	0.377
446760	0.178
446761	0.017
446762	0.055
446763	0.005
446764	0.009
446765	0.092
446766	0.081
446767	0.015
446768	0.295
446769	< 0.005
446770	1.275
446771	1.159
446772	< 0.005
446773	0.678
446774	1.340
446775	1.494
446776	0.153
446777	0.721
446778	0.129
446779	0.277
446780	0.034
446781	< 0.005
446782	< 0.005
446783	< 0.005
446784	1.383
446785	< 0.005
446786	0.010
446787	0.005
446788	< 0.005
446789	< 0.005
446790	< 0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OREAS 217 (Fire Assay) Meas	0.344
OREAS 217 (Fire Assay) Cert	0.338
OREAS 217 (Fire Assay) Meas	0.338
OREAS 217 (Fire Assay) Cert	0.338
Oreas 237 (Fire Assay) Meas	2.123
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.130
Oreas 237 (Fire Assay) Cert	2.21
446750 Orig	0.081
446750 Dup	0.115
446761 Orig	0.016
446761 Dup	0.018
446770 Orig	1.196
446770 Dup	1.353
446785 Orig	< 0.005
446785 Dup	< 0.005
446790 Split Orig PREP DUP	< 0.005
446790 Split PREP DUP	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-19332
Report Date: 23-Nov-21
Date Submitted: 14-Oct-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

100 Core samples were submitted for analysis.

Table with 3 columns: Analytical package requested, Test description, and Testing Date. Rows include 1A2-Geraldton (ppm), 1A3-50-Geraldton, and 1A4-1000 (100mesh)-Geraldton.

REPORT A21-19332

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



ACTIVATION LABORATORIES LTD.
801 Main Street, P.O. Box 999, Geraldton, Ontario, Canada, P0T 1M0
TELEPHONE +807 854-2020 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Geraldton@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
446641	0.073								
446642	0.464								
446643	0.059								
446644	0.030								
446645	0.037								
446646	0.487								
446647	0.030								
446648	< 0.005								
446649	0.092								
446650	0.080								
446651	0.080								
446652	0.024								
446653	0.034								
446654	0.030								
446655	0.021								
446656	2.789								
446657	0.487								
446658	0.103								
446659	> 5.000	8.07	36.6	7.79	7.87	8.86	68.00	1825.0	1893.0
446660	0.189								
446661	> 5.000	11.1	274	5.84	6.27	12.1	42.00	1822.0	1864.0
446662	0.242								
446663	0.584								
446664	0.217								
446665	0.100								
446666	0.146								
446667	0.168								
446668	0.028								
446669	0.018								
446670	0.009								
446671	0.025								
446672	< 0.005								
446673	0.043								
446674	0.083								
446675	0.205								
446676	0.114								
446677	0.233								
446678	0.114								
446679	0.300								
446680	0.137								
446681	0.067								
446682	0.117								
446683	0.225								
446684	1.429								
446685	0.088								
446686	0.100								
446687	0.088								
446688	1.034								

Results

Activation Laboratories Ltd.

Report: A21-19332

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
446689	0.196								
446690	0.191								
446691	1.483								
446692	0.018								
446693	0.828								
446694	0.181								
446695	0.338								
446696	< 0.005								
446697	0.033								
446698	0.034								
446699	2.105								
446700	0.302								
446701	0.112								
446702	0.029								
446703	0.079								
446704	0.240								
446705	0.127								
446706	0.250								
446707	0.171								
446708	0.360								
446709	0.172								
446710	0.137								
446711	0.037								
446712	0.474								
446713	0.098								
446714	0.084								
446715	0.072								
446716	0.048								
446717	0.567								
446718	3.304	4.27							
446719	0.162								
446720	0.010								
446721	0.030								
446722	0.055								
446723	0.284								
446724	< 0.005								
446725	0.576								
446726	0.092								
446727	0.120								
446728	0.066								
446729	3.004	2.65							
446730	0.097								
446731	0.026								
446732	0.685								
446733	0.170								
446734	0.942								
446735	0.064								
446736	0.663								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
446737	0.124								
446738	0.013								
446739	0.032								
446740	0.024								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 217 (Fire Assay) Meas	0.328								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.344								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.348								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.347								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.350								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 238 (Fire Assay) Meas		3.12				3.07			
OREAS 238 (Fire Assay) Cert		3.03				3.03			
OREAS 238 (Fire Assay) Meas		3.04							
OREAS 238 (Fire Assay) Cert		3.03							
Oreas 237 (Fire Assay) Meas	2.121								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.153								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.128								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.150								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.171								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 257b (Fire Assay) Meas		14.4				14.2			
OREAS 257b (Fire Assay) Cert		14.2				14.2			
OREAS 257b (Fire Assay) Meas		14.4							
OREAS 257b		14.2							

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
(Fire Assay) Cert									
OREAS 257b (Fire Assay) Meas		14.2							
OREAS 257b (Fire Assay) Cert		14.2							
446650 Orig	0.078								
446650 Dup	0.083								
446656 Orig	2.789								
446659 Orig			36.6	7.79	7.87	8.86	68.00	1825.0	1893.0
446661 Orig			274	5.84	6.27	12.1	42.00	1822.0	1864.0
446670 Orig	0.009								
446670 Dup	0.010								
446685 Orig	0.083								
446685 Dup	0.093								
446690 Split Orig PREP DUP	0.191								
446690 Split PREP DUP	0.197								
446694 Orig	0.178								
446694 Dup	0.183								
446718 Orig	3.282	4.22							
446718 Dup	3.325	4.32							
446719 Orig	0.150								
446719 Dup	0.175								
446729 Orig	2.889								
446729 Dup	3.119								
446739 Orig	0.037								
446739 Dup	0.027								
446740 Split PREP DUP	0.026								
446740 Split Orig PREP DUP	0.024								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-19334
Report Date: 23-Nov-21
Date Submitted: 14-Oct-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 3 columns: Analytical package requested, Test description, and Testing Date. Rows include 1A2-Geraldton (ppm), 1A3-50-Geraldton, and 1A4-1000 (100mesh)-Geraldton.

REPORT A21-19334

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



ACTIVATION LABORATORIES LTD.
801 Main Street, P.O. Box 999, Geraldton, Ontario, Canada, P0T 1M0
TELEPHONE +807 854-2020 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Geraldton@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
446501	0.068								
446502	0.151								
446503	0.203								
446504	0.218								
446505	0.146								
446506	0.231								
446507	0.998								
446508	0.122								
446509	> 5.000	8.10	13.1	8.86	9.19	9.21	46.00	951.00	997.00
446510	0.104								
446511	> 5.000	6.40	16.3	12.8	12.6	12.9	32.00	832.00	864.00
446512	< 0.005								
446513	0.510								
446514	0.124								
446515	0.034								
446516	0.118								
446517	0.182								
446518	0.066								
446519	0.042								
446520	0.268								
446521	0.172								
446522	0.041								
446523	0.020								
446524	< 0.005								
446525	0.069								
446526	0.013								
446527	< 0.005								
446528	0.058								
446529	0.111								
446530	0.089								
446531	0.053								
446532	0.080								
446533	0.031								
446534	0.235								
446535	0.046								
446536	0.684								
446537	0.024								
446538	0.033								
446539	0.020								
446540	0.018								
446541	0.012								
446542	0.045								
446543	0.041								
446544	0.081								
446545	0.013								
446546	0.272								
446547	0.074								
446548	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
446549	0.041								
446550	0.102								
446551	0.032								
446552	0.027								
446553	0.043								
446554	0.193								
446555	0.017								
446556	0.015								
446557	0.035								
446558	1.019								
446559	0.058								
446560	0.196								
446561	0.107								
446562	0.013								
446563	0.021								
446564	0.828								
446565	1.382								
446566	0.029								
446567	0.037								
446568	0.248								
446569	0.049								
446570	0.043								
446571	0.030								
446572	< 0.005								
446573	0.064								
446574	0.048								
446575	0.007								
446576	0.005								
446577	0.452								
446578	0.086								
446579	0.076								
446580	0.227								
446581	> 5.000	11.5	130	4.75	4.26	7.45	26.00	1079.0	1105.0
446582	0.008								
446583	0.198								
446584	1.428								
446585	0.039								
446586	0.042								
446587	0.140								
446588	0.076								
446589	0.236								
446590	2.226								
446591	0.310								
446592	0.348								
446593	0.579								
446594	0.437								
446595	0.082								
446596	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
446597	0.165								
446598	0.069								
446599	0.041								
446600	0.085								
446601	0.220								
446602	0.213								
446603	0.812								
446604	0.113								
446605	0.046								
446606	0.080								
446607	0.147								
446608	1.947								
446609	0.649								
446610	0.790								
446611	0.059								
446612	0.509								
446613	0.021								
446614	0.008								
446615	0.013								
446616	0.019								
446617	0.056								
446618	0.013								
446619	0.042								
446620	0.018								
446621	0.026								
446622	0.022								
446623	0.025								
446624	< 0.005								
446625	0.075								
446626	0.050								
446627	0.152								
446628	0.016								
446629	0.062								
446630	0.115								
446631	< 0.005								
446632	0.033								
446633	0.009								
446634	0.017								
446635	1.020								
446636	0.678								
446637	0.019								
446638	0.165								
446639	0.268								
446640	0.045								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 217 (Fire Assay) Meas	0.326								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.345								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.342								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.352								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.352								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.355								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.353								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 238 (Fire Assay) Meas		3.11				3.07			
OREAS 238 (Fire Assay) Cert		3.03				3.03			
Oreas 237 (Fire Assay) Meas	2.203								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.220								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.151								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.188								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.159								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.240								
Oreas 237 (Fire Assay) Cert	2.21								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Assay) Cert									
Oreas 237 (Fire Assay) Meas	2.213								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 257b (Fire Assay) Meas		14.2				14.2			
OREAS 257b (Fire Assay) Cert		14.2				14.2			
OREAS 257b (Fire Assay) Meas		14.1							
OREAS 257b (Fire Assay) Cert		14.2							
446509 Orig			13.1	8.86	9.19	9.21	46.00	951.00	997.00
446510 Orig	0.122								
446510 Dup	0.086								
446511 Orig			16.3	12.8	12.6	12.9	32.00	832.00	864.00
446520 Orig	0.294								
446520 Dup	0.242								
446530 Orig	0.090								
446530 Dup	0.087								
446545 Orig	0.012								
446545 Dup	0.014								
446550 Split Orig PREP DUP	0.102								
446550 Split PREP DUP	0.078								
446579 Orig	0.084								
446579 Dup	0.069								
446581 Orig			130	4.75	4.26	7.45	26.00	1079.0	1105.0
446588 Orig	0.078								
446588 Dup	0.074								
446589 Orig	0.236								
446590 Orig	2.226								
446600 Split PREP DUP	0.087								
446600 Split Orig PREP DUP	0.085								
446603 Orig	0.778								
446603 Dup	0.846								
446613 Orig	0.027								
446613 Dup	0.015								
446623 Orig	0.025								
446623 Dup	0.025								
446633 Orig	0.008								
446633 Dup	0.009								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank	< 0.005								
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-20687
 Report Date: 10-Dec-21
 Date Submitted: 28-Oct-21
 Your Reference: GOS-234

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

124 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-TBay (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-11-19 07:11:57
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	
1A4 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2021-11-29 15:46:28

REPORT A21-20687

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 673

ACTIVATION LABORATORIES LTD.
 1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
 TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
446791	0.005								
446792	< 0.005								
446793	0.008								
446794	0.342								
446795	0.006								
446796	< 0.005								
446797	0.006								
446798	0.009								
446799	< 0.005								
446800	0.015								
446801	0.008								
446802	0.359								
446803	0.478								
446804	0.898								
446805	0.054								
446806	< 0.005								
446807	0.005								
446808	0.005								
446809	0.231								
446810	0.274								
446811	0.125								
446812	0.481								
446813	0.454								
446814	0.211								
446815	0.057								
446816	0.192								
446817	0.302								
446818	0.153								
446819	0.147								
446820	0.232								
446821	0.570								
446822	0.504								
446823	0.006								
446824	< 0.005								
446825	1.629								
446826	1.782								
446827	1.901								
446828	1.657								
446829	0.819								
446830	0.702								
446831	0.475								
446832	0.467								
446833	0.478								
446834	0.138								
446835	0.739								
446836	0.674								
446837	0.214								
446838	1.128								

Results

Activation Laboratories Ltd.

Report: A21-20687

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
446839	0.508								
446840	0.905								
446841	0.389								
446842	0.538								
446843	0.422								
446844	0.466								
446845	0.272								
446846	0.254								
446847	0.852								
446848	< 0.005								
446849	0.113								
446850	0.216								
446851	0.271								
446852	1.202								
446853	0.445								
446854	0.554								
446855	0.364								
446856	0.278								
446857	0.130								
446858	0.221								
446859	0.302								
446860	0.181								
446861	0.408								
446862	0.186								
446863	0.113								
446864	0.052								
446865	> 5.000	1250	47.4	46.0	60.2	19.24	1698.0	1717.2	101
446866	> 5.000	32.3	4.54	4.87	4.93	15.05	1820.0	1835.1	5.50
446867	1.342								
446868	0.452								
446869	0.208								
446870	0.355								
446871	0.146								
446872	< 0.005								
446873	0.280								
446874	0.290								
446875	0.224								
446876	0.322								
446877	0.500								
446878	0.832								
446879	0.290								
446880	0.901								
446881	0.763								
446882	0.502								
446883	0.189								
446884	1.530								
446885	0.423								
446886	0.888								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
446887	0.522								
446888	0.585								
446889	0.026								
446890	0.036								
446891	0.075								
446892	0.433								
446893	0.479								
446894	4.487								4.14
446895	< 0.005								
446896	2.799								
446897	0.629								
446898	0.196								
446899	0.625								
446900	0.338								
446901	1.809								
446902	0.774								
446903	1.053								
446904	0.973								
446905	0.286								
446906	0.018								
446907	0.052								
446908	0.550								
446909	0.008								
446910	0.011								
446911	0.020								
446912	0.500								
446913	0.066								
446914	0.005								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
OREAS 229b (Fire Assay) Meas					12.0				11.8
OREAS 229b (Fire Assay) Cert					11.9				11.9
OREAS 229b (Fire Assay) Meas									12.1
OREAS 229b (Fire Assay) Cert									11.9
OREAS 238 (Fire Assay) Meas	3.118								
OREAS 238 (Fire Assay) Cert	3.03								
OREAS 238 (Fire Assay) Meas	3.066								
OREAS 238 (Fire Assay) Cert	3.03								
OREAS 238 (Fire Assay) Meas	3.144								
OREAS 238 (Fire Assay) Cert	3.03								
OREAS 238 (Fire Assay) Meas	3.189								
OREAS 238 (Fire Assay) Cert	3.03								
OREAS 238 (Fire Assay) Meas	3.150								
OREAS 238 (Fire Assay) Cert	3.03								
OREAS 238 (Fire Assay) Meas	2.965								
OREAS 238 (Fire Assay) Cert	3.03								
OREAS 257b (Fire Assay) Meas					13.8				14.5
OREAS 257b (Fire Assay) Cert					14.2				14.2
OREAS 257b (Fire Assay) Meas									14.5
OREAS 257b (Fire Assay) Cert									14.2
Oreas E1336 (Fire Assay) Meas	0.511								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.523								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.525								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.516								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.529								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.510								
Oreas E1336 (Fire Assay) Cert	0.510								
446799 Orig	< 0.005								
446799 Dup	< 0.005								
446809 Orig	0.231								
446809 Dup	0.224								
446813 Orig	0.454								
446813 Dup	0.342								
446834 Orig	0.138								
446834 Dup	0.147								
446840 Split Orig PREP DUP	0.905								
446840 Split PREP DUP	0.850								
446865 Orig		1250	47.4	46.0	60.2	19.24	1698.0	1717.2	
446866 Orig		32.3	4.54	4.87	4.93	15.05	1820.0	1835.1	
446882 Orig	0.502								
446882 Dup	0.471								
446890 Split PREP DUP	0.032								
446890 Split Orig PREP DUP	0.036								
446902 Orig	0.774								
446902 Dup	0.737								
446913 Orig	0.066								
446913 Dup	0.059								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank									< 0.03
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank									< 0.03
Method Blank					< 0.03				
Method Blank	< 0.005								
Method Blank	< 0.005								



Report No.: A21-19329
Report Date: 23-Nov-21
Date Submitted: 14-Oct-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

60 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A2-Geraldton (ppm), 1A3-50-Geraldton, and 1A4-1000 (100mesh)-Geraldton.

REPORT A21-19329

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



ACTIVATION LABORATORIES LTD.
801 Main Street, P.O. Box 999, Geraldton, Ontario, Canada, P0T 1M0
TELEPHONE +807 854-2020 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Geraldton@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
262391	0.038								
262392	0.138								
262393	0.287								
262394	0.066								
262395	0.100								
262396	< 0.005								
262397	0.065								
262398	0.027								
262399	3.110	3.52							
262400	0.259								
262401	0.386								
262402	0.010								
262403	0.019								
262404	0.086								
262405	0.017								
262406	0.178								
262407	0.176								
262408	0.503								
262409	0.545								
262410	0.378								
262411	0.089								
262412	0.496								
262413	0.256								
262414	0.131								
262415	0.266								
262416	0.508								
262417	0.723								
262418	0.472								
262419	0.807								
262420	0.185								
262421	0.042								
262422	0.058								
262423	0.031								
262424	< 0.005								
262425	0.041								
262426	0.030								
262427	0.061								
262428	0.237								
262429	0.670								
262430	0.364								
262431	0.412								
262432	> 5.000	6.67	58.7	4.82	5.21	7.71	62.00	1171.0	1233.0
262433	> 5.000	10.1	63.5	6.82	7.26	10.5	64.00	969.00	1033.0
262434	> 5.000	6.31	11.8	7.68	7.30	7.59	26.00	1021.0	1047.0
262435	2.824								
262436	0.673								
262437	1.213								
262438	0.304								

Results

Activation Laboratories Ltd.

Report: A21-19329

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
262439	0.250								
262440	0.562								
262441	0.208								
262442	0.208								
262443	0.359								
262444	0.437								
262445	0.795								
262446	1.117								
262447	0.487								
262448	< 0.005								
262449	1.129								
262450	0.847								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 217 (Fire Assay) Meas	0.344								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.351								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 217 (Fire Assay) Meas	0.352								
OREAS 217 (Fire Assay) Cert	0.338								
OREAS 238 (Fire Assay) Meas		3.11				3.07			
OREAS 238 (Fire Assay) Cert		3.03				3.03			
OREAS 238 (Fire Assay) Meas		3.04							
OREAS 238 (Fire Assay) Cert		3.03							
Oreas 237 (Fire Assay) Meas	2.153								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.230								
Oreas 237 (Fire Assay) Cert	2.21								
Oreas 237 (Fire Assay) Meas	2.248								
Oreas 237 (Fire Assay) Cert	2.21								
OREAS 257b (Fire Assay) Meas		14.2				14.2			
OREAS 257b (Fire Assay) Cert		14.2				14.2			
OREAS 257b (Fire Assay) Meas		14.2							
OREAS 257b (Fire Assay) Cert		14.2							
262400 Orig	0.252								
262400 Dup	0.267								
262410 Orig	0.395								
262410 Dup	0.362								
262420 Orig	0.207								
262420 Dup	0.162								
262432 Orig			58.7	4.82	5.21	7.71	62.00	1171.0	1233.0
262433 Orig			63.5	6.82	7.26	10.5	64.00	969.00	1033.0
262434 Orig			11.8	7.68	7.30	7.59	26.00	1021.0	1047.0
262435 Orig	2.957								
262435 Dup	2.691								
262440 Split Orig PREP DUP	0.562								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.005	0.02	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
262440 Split PREP DUP	0.576								
262444 Orig	0.488								
262444 Dup	0.386								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank	< 0.005								
Method Blank		< 0.02							
Method Blank		< 0.02							
Method Blank						< 0.03			
Method Blank						< 0.03			



Report No.: A21-19333
Report Date: 16-Nov-21
Date Submitted: 14-Oct-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2-Geraldton (ppm) | GOP AA-Au (Au - Fire Assay AA) | 2021-11-13 15:09:02

REPORT A21-19333

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



ACTIVATION LABORATORIES LTD.
801 Main Street, P.O. Box 999, Geraldton, Ontario, Canada, P0T 1M0
TELEPHONE +807 854-2020 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Geraldton@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

[Handwritten signature]

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
262251	0.117
262252	0.266
262253	0.507
262254	0.193
262255	2.321
262256	0.024
262257	0.062
262258	0.094
262259	0.140
262260	0.201
262261	0.206
262262	0.168
262263	0.315
262264	0.118
262265	0.108
262266	0.361
262267	0.173
262268	0.255
262269	0.131
262270	0.113
262271	0.310
262272	< 0.005
262273	0.238
262274	0.160
262275	0.087
262276	0.116
262277	0.307
262278	0.467
262279	0.331
262280	0.161
262281	0.150
262282	0.117
262283	0.115
262284	1.509
262285	0.160
262286	0.172
262287	0.010
262288	0.008
262289	0.041
262290	0.037
262291	0.632
262292	0.159
262293	0.313
262294	0.121
262295	0.046
262296	0.005
262297	0.028
262298	0.057
262299	0.037
262300	0.048
262301	0.118

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
262302	0.752
262303	0.201
262304	0.135
262305	1.078
262306	0.704
262307	0.134
262308	0.023
262309	0.046
262310	0.094
262311	0.090
262312	0.505
262313	0.158
262314	1.173
262315	0.454
262316	0.340
262317	0.323
262318	0.513
262319	0.380
262320	0.669
262321	< 0.005
262322	< 0.005
262323	< 0.005
262324	< 0.005
262325	0.844
262326	0.347
262327	0.008
262328	0.005
262329	0.005
262330	< 0.005
262331	0.008
262332	0.009
262333	0.043
262334	0.005
262335	< 0.005
262336	0.684
262337	< 0.005
262338	< 0.005
262339	< 0.005
262340	< 0.005
262341	< 0.005
262342	< 0.005
262343	0.264
262344	0.049
262345	0.107
262346	0.280
262347	0.817
262348	< 0.005
262349	< 0.005
262350	< 0.005
262351	< 0.005
262352	0.019

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
262353	0.018
262354	0.005
262355	< 0.005
262356	0.123
262357	0.222
262358	0.068
262359	0.018
262360	0.191
262361	0.028
262362	0.264
262363	0.024
262364	1.424
262365	0.198
262366	0.023
262367	0.082
262368	0.216
262369	0.025
262370	0.034
262371	0.283
262372	< 0.005
262373	1.513
262374	0.113
262375	0.072
262376	0.235
262377	0.029
262378	1.117
262379	< 0.005
262380	0.036
262381	0.008
262382	0.050
262383	0.026
262384	1.498
262385	0.107
262386	0.045
262387	0.048
262388	0.198
262389	0.118
262390	0.148

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OREAS 217 (Fire Assay) Meas	0.342
OREAS 217 (Fire Assay) Cert	0.338
OREAS 217 (Fire Assay) Meas	0.356
OREAS 217 (Fire Assay) Cert	0.338
OREAS 217 (Fire Assay) Meas	0.324
OREAS 217 (Fire Assay) Cert	0.338
OREAS 217 (Fire Assay) Meas	0.329
OREAS 217 (Fire Assay) Cert	0.338
OREAS 217 (Fire Assay) Meas	0.344
OREAS 217 (Fire Assay) Cert	0.338
OREAS 217 (Fire Assay) Meas	0.353
OREAS 217 (Fire Assay) Cert	0.338
Oreas 237 (Fire Assay) Meas	2.120
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.224
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.217
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.194
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.285
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.272
Oreas 237 (Fire Assay) Cert	2.21
262261 Orig	0.183
262261 Dup	0.228
262270 Orig	0.116
262270 Dup	0.111
262280 Orig	0.164
262280 Dup	0.158
262295 Orig	0.047
262295 Dup	0.045
262300 Split Orig	0.048

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
PREP DUP	
262300 Split	0.046
PREP DUP	
262304 Orig	0.135
262304 Dup	0.135
262314 Orig	1.128
262314 Dup	1.218
262329 Orig	0.005
262329 Dup	0.005
262339 Orig	< 0.005
262339 Dup	0.005
262349 Orig	0.005
262349 Dup	< 0.005
262350 Split	< 0.005
PREP DUP	
262350 Split Orig	< 0.005
PREP DUP	
262373 Orig	1.553
262373 Dup	1.473
262383 Orig	0.034
262383 Dup	0.018
Method Blank	< 0.005
Method Blank	0.005
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-20390
Report Date: 24-Nov-21
Date Submitted: 28-Oct-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

36 Core samples were submitted for analysis.

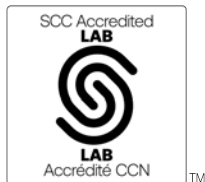
Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2-TBay (ppm) | GOP AA-Au (Au - Fire Assay AA) | 2021-11-19 14:06:23

REPORT A21-20390

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 673

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
441801	0.244
441802	0.395
441803	0.121
441804	0.145
441805	1.269
441806	0.022
441807	0.189
441808	0.096
441809	0.416
441810	0.692
441811	0.216
441812	0.475
441813	0.258
441814	0.937
441815	0.219
441816	0.454
441817	0.065
441818	0.106
441819	0.664
441820	0.674
441821	0.037
441822	0.535
441823	0.090
441824	< 0.005
441825	0.271
441826	0.187
441827	0.113
441828	0.034
441829	< 0.005
441830	0.007
441831	0.063
441832	0.208
441833	0.620
441834	1.652
441835	0.379
441836	0.664

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	3.118
OREAS 238 (Fire Assay) Cert	3.03
Oreas E1336 (Fire Assay) Meas	0.526
Oreas E1336 (Fire Assay) Cert	0.510
441809 Orig	0.452
441809 Dup	0.380
441827 Orig	0.116
441827 Dup	0.110
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-20391
Report Date: 10-Dec-21
Date Submitted: 28-Oct-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

Table with 3 columns: Analytical package(s), Test Name, and Testing Date. Rows include 1A2-TBay (ppm), 1A3-50-Tbay, and 1A4 (100mesh)-Tbay.

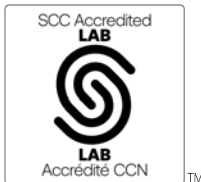
REPORT A21-20391

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Notes:

A representative 500 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 673

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
441661	0.108								
441662	0.059								
441663	0.015								
441664	0.013								
441665	0.041								
441666	0.090								
441667	0.087								
441668	0.069								
441669	0.011								
441670	0.045								
441671	0.062								
441672	< 0.005								
441673	0.303								
441674	0.105								
441675	0.066								
441676	0.113								
441677	0.102								
441678	0.201								
441679	0.453								
441680	0.201								
441681	0.487								
441682	0.255								
441683	0.260								
441684	1.446								
441685	0.207								
441686	0.065								
441687	0.216								
441688	0.183								
441689	0.101								
441690	0.081								
441691	0.051								
441692	0.128								
441693	0.073								
441694	0.012								
441695	0.085								
441696	< 0.005								
441697	0.175								
441698	0.331								
441699	0.613								
441700	0.317								
441701	1.530								
441702	0.361								
441703	0.252								
441704	0.201								
441705	0.418								
441706	0.188								
441707	0.240								
441708	0.206								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
441709	0.098								
441710	0.069								
441711	0.445								
441712	0.494								
441713	0.970								
441714	0.008								
441715	0.009								
441716	0.279								
441717	0.185								
441718	0.113								
441719	0.371								
441720	0.650								
441721	0.169								
441722	0.343								
441723	0.392								
441724	< 0.005								
441725	0.476								
441726	0.673								
441727	0.331								
441728	0.186								
441729	0.478								
441730	0.309								
441731	0.298								
441732	0.386								
441733	0.108								
441734	0.553								
441735	0.855								
441736	0.651								
441737	0.417								
441738	0.354								
441739	1.261								
441740	0.565								
441741	1.081								
441742	0.958								
441743	2.578								
441744	< 0.005								
441745	1.952								
441746	2.425								
441747	2.868								
441748	0.007								
441749	0.543								
441750	0.557								
441751	0.930								
441752	0.786								
441753	2.720								
441754	1.438								
441755	1.368								
441756	1.734								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
441757	0.762								
441758	0.491								
441759	0.855								
441760	0.161								
441761	0.042								
441762	4.737								4.75
441763	0.622								
441764	1.096								
441765	1.312								
441766	> 5.000	181	2.28	1.93	4.04	15.21	1390.0	1405.2	10.8
441767	1.108								
441768	0.358								
441769	0.155								
441770	0.132								
441771	0.332								
441772	0.005								
441773	0.138								
441774	0.456								
441775	0.394								
441776	0.393								
441777	0.051								
441778	0.239								
441779	0.126								
441780	0.043								
441781	0.032								
441782	0.617								
441783	0.271								
441784	1.460								
441785	1.529								
441786	0.941								
441787	0.209								
441788	0.061								
441789	0.112								
441790	0.149								
441791	0.263								
441792	0.297								
441793	1.843								
441794	1.550								
441795	0.436								
441796	0.005								
441797	0.299								
441798	0.788								
441799	1.833								
441800	0.591								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
OREAS 229b (Fire Assay) Meas					12.0				11.8
OREAS 229b (Fire Assay) Cert					11.9				11.9
OREAS 229b (Fire Assay) Meas									12.1
OREAS 229b (Fire Assay) Cert									11.9
OREAS 238 (Fire Assay) Meas	2.956								
OREAS 238 (Fire Assay) Cert	3.03								
OREAS 238 (Fire Assay) Meas	3.003								
OREAS 238 (Fire Assay) Cert	3.03								
OREAS 238 (Fire Assay) Meas	3.106								
OREAS 238 (Fire Assay) Cert	3.03								
OREAS 238 (Fire Assay) Meas	2.910								
OREAS 238 (Fire Assay) Cert	3.03								
OREAS 238 (Fire Assay) Meas	2.990								
OREAS 238 (Fire Assay) Cert	3.03								
OREAS 257b (Fire Assay) Meas					13.8				14.5
OREAS 257b (Fire Assay) Cert					14.2				14.2
OREAS 257b (Fire Assay) Meas									14.5
OREAS 257b (Fire Assay) Cert									14.2
Oreas E1336 (Fire Assay) Meas	0.499								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.524								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.521								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.522								
Oreas E1336 (Fire Assay) Cert	0.510								
Oreas E1336 (Fire Assay) Meas	0.512								
Oreas E1336 (Fire Assay) Cert	0.510								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
Assay) Cert									
Oreas E1336 (Fire Assay) Meas	0.508								
Oreas E1336 (Fire Assay) Cert	0.510								
441669 Orig	0.011								
441669 Dup	0.011								
441679 Orig	0.453								
441679 Dup	0.396								
441683 Orig	0.260								
441683 Dup	0.182								
441704 Orig	0.201								
441704 Dup	0.214								
441710 Split Orig PREP DUP	0.069								
441710 Split PREP DUP	0.102								
441714 Orig	0.008								
441714 Dup	0.010								
441718 Orig	0.113								
441718 Dup	0.132								
441739 Orig	1.261								
441739 Dup	1.261								
441747 Orig	2.868								
441747 Dup	2.783								
441749 Orig	0.543								
441749 Dup	0.571								
441759 Split PREP DUP	0.828								
441759 Split Orig PREP DUP	0.855								
441762 Orig									4.75
441766 Orig		181	2.28	1.93	4.04	15.21	1390.0	1405.2	10.8
441766 Dup									9.49
441771 Orig	0.332								
441771 Dup	0.343								
441786 Orig	0.941								
441786 Dup	0.981								
441787 Orig	0.209								
441787 Dup	0.167								
441793 Orig	1.843								
441793 Dup	1.812								
441794 Orig	1.550								
441794 Dup	1.454								
441795 Orig	0.436								
441795 Dup	0.364								
441799 Orig	1.833								
441799 Dup	1.602								
Method Blank	< 0.005								
Method Blank	0.005								

Analyte Symbol	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight	Au
Unit Symbol	ppm	g/mt	g/mt	g/mt	g/mt	g	g	g	g/tonne
Lower Limit	0.005	0.03	0.03	0.03	0.03				0.03
Method Code	FA-AA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA- GRA
Method Blank									< 0.03
Method Blank	< 0.005								
Method Blank	0.005								
Method Blank									< 0.03
Method Blank					< 0.03				



Report No.: A21-20392
 Report Date: 19-Nov-21
 Date Submitted: 28-Oct-21
 Your Reference: GOS-234

IAMGOLD Corporation
 2140 Regent Street Unit 10
 Sudbury Ontario P3E 5S8
 Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

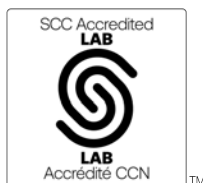
The following analytical package(s) were requested:		Testing Date:
1A2-TBay (ppm)	QOP AA-Au (Au - Fire Assay AA)	2021-11-18 18:12:09

REPORT **A21-20392**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 673

ACTIVATION LABORATORIES LTD.
 1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
 TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
 E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
 Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
441521	0.029
441522	0.080
441523	0.437
441524	< 0.005
441525	0.016
441526	0.008
441527	0.193
441528	0.049
441529	0.011
441530	0.010
441531	0.473
441532	0.700
441533	1.305
441534	0.810
441535	0.119
441536	0.669
441537	0.251
441538	0.340
441539	0.589
441540	0.100
441541	0.226
441542	0.015
441543	0.164
441544	0.215
441545	0.065
441546	0.046
441547	0.255
441548	< 0.005
441549	0.298
441550	0.208
441551	0.127
441552	0.058
441553	0.021
441554	0.075
441555	0.043
441556	0.046
441557	0.060
441558	0.049
441559	0.010
441560	0.178
441561	0.037
441562	0.061
441563	0.083
441564	0.016
441565	0.145
441566	0.063
441567	0.073
441568	2.855
441569	0.056
441570	0.053
441571	0.138

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
441572	< 0.005
441573	0.263
441574	1.198
441575	2.061
441576	1.043
441577	0.128
441578	0.109
441579	0.229
441580	0.088
441581	0.040
441582	0.014
441583	0.055
441584	1.445
441585	0.015
441586	0.008
441587	0.011
441588	0.015
441589	0.375
441590	0.235
441591	0.080
441592	0.163
441593	0.062
441594	0.048
441595	0.157
441596	< 0.005
441597	0.010
441598	0.007
441599	0.031
441600	0.018
441601	0.043
441602	0.697
441603	0.033
441604	1.074
441605	0.046
441606	0.336
441607	0.117
441608	0.055
441609	0.259
441610	0.235
441611	2.343
441612	0.480
441613	0.455
441614	0.538
441615	0.380
441616	0.576
441617	0.511
441618	0.173
441619	0.115
441620	0.120
441621	0.070
441622	1.813

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
441623	0.504
441624	0.005
441625	1.084
441626	0.145
441627	0.464
441628	0.862
441629	0.278
441630	0.349
441631	0.799
441632	2.613
441633	0.540
441634	1.112
441635	0.373
441636	0.657
441637	0.470
441638	0.611
441639	0.579
441640	0.197
441641	0.385
441642	2.162
441643	0.722
441644	0.528
441645	1.478
441646	0.188
441647	0.192
441648	< 0.005
441649	0.030
441650	0.029
441651	0.066
441652	0.136
441653	0.656
441654	0.620
441655	0.588
441656	0.154
441657	0.342
441658	0.104
441659	0.050
441660	0.189

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	3.173
OREAS 238 (Fire Assay) Cert	3.03
OREAS 238 (Fire Assay) Meas	2.965
OREAS 238 (Fire Assay) Cert	3.03
OREAS 238 (Fire Assay) Meas	3.117
OREAS 238 (Fire Assay) Cert	3.03
OREAS 238 (Fire Assay) Meas	3.102
OREAS 238 (Fire Assay) Cert	3.03
Oreas E1336 (Fire Assay) Meas	0.529
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.496
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.513
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.507
Oreas E1336 (Fire Assay) Cert	0.510
441529 Orig	0.010
441529 Dup	0.012
441539 Orig	0.589
441543 Orig	0.155
441543 Dup	0.174
441564 Orig	0.018
441564 Dup	0.015
441570 Split Orig PREP DUP	0.053
441570 Split PREP DUP	0.068
441574 Orig	1.142
441574 Dup	1.254
441578 Orig	0.120
441578 Dup	0.099
441599 Orig	0.035
441599 Dup	0.026
441613 Orig	0.485
441613 Dup	0.425
441620 Split PREP DUP	0.108
441620 Split Orig PREP DUP	0.120
441634 Orig	1.123

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
441634 Dup	1.102
441644 Orig	0.506
441644 Dup	0.551
Method Blank	0.005
Method Blank	0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-20688
Report Date: 19-Nov-21
Date Submitted: 28-Oct-21
Your Reference: GOS-234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

70 Core samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1A2-TBay (ppm) | QOP AA-Au (Au - Fire Assay AA) | 2021-11-18 20:58:47

REPORT A21-20688

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



LabID: 673

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
262451	2.889
262452	0.612
262453	0.130
262454	0.125
262455	0.759
262456	0.384
262457	0.417
262458	0.588
262459	0.435
262460	0.184
262461	0.991
262462	1.371
262463	0.643
262464	0.434
262465	1.233
262466	0.339
262467	0.750
262468	0.898
262469	0.284
262470	0.210
262471	2.265
262472	< 0.005
262473	0.116
262474	0.056
262475	0.373
262476	0.111
262477	0.142
262478	0.061
262479	0.163
262480	0.010
262481	0.008
262482	0.005
262483	0.005
262484	1.413
262485	0.014
262486	0.017
262487	0.954
262488	0.098
262489	0.035
262490	0.108
262491	0.016
262492	0.047
262493	0.010
262494	0.013
262495	0.080
262496	< 0.005
262497	0.013
262498	0.015
262499	0.006
262500	0.005
441501	0.493

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
441502	0.597
441503	0.386
441504	0.023
441505	0.917
441506	< 0.005
441507	0.022
441508	0.061
441509	0.015
441510	0.040
441511	0.005
441512	0.468
441513	0.005
441514	0.007
441515	< 0.005
441516	0.007
441517	0.008
441518	0.076
441519	0.006
441520	0.008

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OREAS 238 (Fire Assay) Meas	3.072
OREAS 238 (Fire Assay) Cert	3.03
OREAS 238 (Fire Assay) Meas	3.081
OREAS 238 (Fire Assay) Cert	3.03
Oreas E1336 (Fire Assay) Meas	0.502
Oreas E1336 (Fire Assay) Cert	0.510
Oreas E1336 (Fire Assay) Meas	0.520
Oreas E1336 (Fire Assay) Cert	0.510
262459 Orig	0.427
262459 Dup	0.443
262469 Orig	0.279
262469 Dup	0.289
262473 Orig	0.116
262494 Orig	0.012
262494 Dup	0.013
262500 Split Orig PREP DUP	0.005
262500 Split PREP DUP	0.005
441503 Orig	0.381
441503 Dup	0.391
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A21-21499-ReAssay
Report Date: 20-Dec-21
Date Submitted: 17-Nov-21
Your Reference: 234

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

25 Pulp samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested and Testing Date. Row 1: 1A2-Geraldton (ppm) | GOP AA-Au (Au - Fire Assay AA) | 2021-12-17 09:21:13

REPORT A21-21499-ReAssay

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.



ACTIVATION LABORATORIES LTD.
801 Main Street, P.O. Box 999, Geraldton, Ontario, Canada, P0T 1M0
TELEPHONE +807 854-2020 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Geraldton@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
262251	0.151
262252	0.243
262253	0.428
262254	0.207
262255	2.351
262256	0.026
262257	0.055
262258	0.074
262259	0.114
258696	0.176
262261	0.185
262262	0.125
262263	0.327
262264	0.142
262265	0.111
262266	0.130
262267	0.150
262268	0.206
262269	0.116
262270	0.109
262271	0.334
262272	< 0.005
262273	0.225
262274	0.111
262275	0.089

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OREAS 217 (Fire Assay) Meas	0.351
OREAS 217 (Fire Assay) Cert	0.338
OREAS 217 (Fire Assay) Meas	0.356
OREAS 217 (Fire Assay) Cert	0.338
Oreas 237 (Fire Assay) Meas	2.216
Oreas 237 (Fire Assay) Cert	2.21
Oreas 237 (Fire Assay) Meas	2.232
Oreas 237 (Fire Assay) Cert	2.21
262261 Dup	0.185
262270 Orig	0.109
262270 Dup	0.113
Method Blank	< 0.005
Method Blank	0.005
Method Blank	< 0.005

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION
CHESTER #1, MINE SITE, P.O. BOX 100
GOGAMA, ON P0M1W0
(705) 269-0010

ATTENTION TO: ALAN SMITH
PROJECT: GOS21-SPLIT

AGAT WORK ORDER: 21B824834

SOLID ANALYSIS REVIEWED BY: Sampada Neupane, Lab Technician

DATE REPORTED: Nov 17, 2021

PAGES (INCLUDING COVER): 6

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

*Notes

Disclaimer:

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

AGAT WORK ORDER: 21B824834

PROJECT: GOS21-SPLIT

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
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 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Nov 02, 2021 DATE RECEIVED: Nov 03, 2021 DATE REPORTED: Nov 17, 2021 SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.002
441070 (3161810)			0.493
441090 (3161811)			0.573
441110 (3161812)			0.484
441130 (3161813)			0.146
441150 (3161814)			1.86
442070 (3161815)			0.052
442090 (3161816)			0.015
442113 (3161817)			0.034
442133 (3161818)			0.701
442153 (3161819)			0.278
442173 (3161820)			0.076
442193 (3161821)			0.124
443284 (3161822)			0.164
442213 (3161823)			0.628
442250 (3161824)			0.028
442270 (3161825)			0.432
442290 (3161826)			0.070
442310 (3161827)			0.609
442330 (3161828)			0.656
442350 (3161829)			0.422
442370 (3161830)			0.148
442390 (3161831)			0.092
442410 (3161832)			0.519
442430 (3161833)			0.964
442450 (3161834)			0.093
443285 (3161835)			<0.002
449059 (3161836)			0.439
449080 (3161837)			0.057
449100 (3161838)			0.024
449120 (3161839)			1.32
449140 (3161840)			0.019
449159 (3161841)			0.656

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 21B824834

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Nov 02, 2021	DATE RECEIVED: Nov 03, 2021	DATE REPORTED: Nov 17, 2021	SAMPLE TYPE: Other
Analyte: Au	Unit: ppm	RDL: 0.002	
Sample ID (AGAT ID)			
449180 (3161842)		0.643	
449200 (3161843)		1.08	
449220 (3161844)		0.267	
449240 (3161845)		0.034	
449259 (3161846)		1.18	
449280 (3161847)		0.134	
443286 (3161848)		1.43	
449300 (3161849)		0.051	
449320 (3161850)		0.021	

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By: _____



AGAT Laboratories

Quality Assurance - Replicate
AGAT WORK ORDER: 21B824834
PROJECT: GOS21-SPLIT

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ATTENTION TO: ALAN SMITH

Parameter														



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Quality Assurance - Certified Reference materials
 AGAT WORK ORDER: 21B824834
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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

Parameter	CRM #1 (ref.GSP6D)				CRM #2 (ref.GS7K)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	0.769	0.82	107%	90% - 110%	7.06	6.77	96%	90% - 110%								

Method Summary

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

AGAT WORK ORDER: 21B824834

PROJECT: GOS21-SPLIT

ATTENTION TO: ALAN SMITH

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Au	MIN-12019	BUGBEE, E: A Textbook of Fire Assaying	AA

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION
CHESTER #1, MINE SITE, P.O. BOX 100
GOGAMA, ON P0M1W0
(705) 269-0010

ATTENTION TO: ALAN SMITH
PROJECT: GOS21-SPLIT

AGAT WORK ORDER: 21B824961

SOLID ANALYSIS REVIEWED BY: Ruth Joseph, Lab Technician

DATE REPORTED: Nov 12, 2021

PAGES (INCLUDING COVER): 7

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

*Notes

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AGAT WORK ORDER: 21B824961

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Nov 02, 2021	DATE RECEIVED: Nov 03, 2021	DATE REPORTED: Nov 12, 2021	SAMPLE TYPE: Other
Analyte: Au	Unit: ppm	RDL: 0.002	
Sample ID (AGAT ID)			
433850 (3162675)		0.341	
433870 (3162676)		1.79	
433890 (3162677)		0.353	
433910 (3162678)		1.28	
433930 (3162679)		0.895	
433950 (3162680)		0.028	
433970 (3162681)		1.28	
433990 (3162682)		0.810	
441010 (3162683)		0.563	
441030 (3162684)		0.882	
445470 (3162685)		0.008	
445490 (3162686)		0.004	
448340 (3162687)		0.021	
448361 (3162688)		0.031	
448380 (3162689)		0.117	
443287 (3162690)		0.003	
448400 (3162691)		0.067	
448420 (3162692)		0.013	
448440 (3162693)		0.068	
448459 (3162694)		0.028	
448480 (3162695)		0.004	
448500 (3162696)		0.144	
448520 (3162697)		>10.0	
448540 (3162698)		0.386	
448561 (3162699)		0.565	
448580 (3162700)		0.214	
448600 (3162701)		0.774	
448620 (3162702)		0.336	
448640 (3162703)		0.982	
448661 (3162704)		0.179	
448680 (3162705)		0.229	
448700 (3162706)		0.270	

Certified By: _____



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Certificate of Analysis

AGAT WORK ORDER: 21B824961

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Nov 02, 2021

DATE RECEIVED: Nov 03, 2021

DATE REPORTED: Nov 12, 2021

SAMPLE TYPE: Other

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 21B824961

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

(202-564) Fire Assay - Au Ore Grade, Gravimetric finish (50g charge)

DATE SAMPLED: Nov 02, 2021 DATE RECEIVED: Nov 03, 2021 DATE REPORTED: Nov 12, 2021 SAMPLE TYPE: Other

Analyte:	Au-Grav
Unit:	g/t
RDL:	0.5
Sample ID (AGAT ID)	448520 (3162697)
	12.7

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

Certified By: _____



CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

(202-564) Fire Assay - Au Ore Grade, Gravimetric finish (50g charge)

Parameter	Sample ID	REPLICATE #1												
		Original	Replicate	RPD										
Au-Grav	3162697	12.7	13.8	8.9%										



CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

Parameter	CRM #1 (ref.GSP6D)				CRM #2 (ref.GS7K)									
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits						
Au	0.769	0.75	98%	90% - 110%	7.06	6.78	96%	90% - 110%						

(202-564) Fire Assay - Au Ore Grade, Gravimetric finish (50g charge)

Parameter	CRM #1 (ref.GS20)				CRM #2 (ref.GS7K)									
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits						
Au-Grav	19.65	19.0	96%	90% - 110%										

Method Summary

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

AGAT WORK ORDER: 21B824961

PROJECT: GOS21-SPLIT

ATTENTION TO: ALAN SMITH

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Au	MIN-12019	BUGBEE, E: A Textbook of Fire Assaying	AA
Au-Grav	MIN-12004	BUGBEE, E: A Textbook of Fire Assaying	GRAVIMETRIC

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION
CHESTER #1, MINE SITE, P.O. BOX 100
GOGAMA, ON P0M1W0
(705) 269-0010

ATTENTION TO: ALAN SMITH
PROJECT: GOS21-SPLIT

AGAT WORK ORDER: 21B824983

SOLID ANALYSIS REVIEWED BY: Ruth Joseph, Lab Technician

DATE REPORTED: Nov 12, 2021

PAGES (INCLUDING COVER): 6

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*Notes

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AGAT WORK ORDER: 21B824983

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Nov 02, 2021	DATE RECEIVED: Nov 03, 2021	DATE REPORTED: Nov 12, 2021	SAMPLE TYPE: Other
Analyte: Au	Unit: ppm	RDL: 0.002	
442020 (3162932)		0.147	
442040 (3162933)		0.083	
443850 (3162934)		0.363	
443870 (3162935)		1.18	
443890 (3162936)		2.00	
443910 (3162937)		0.126	
443930 (3162938)		0.175	
443950 (3162939)		0.369	
443970 (3162940)		0.980	
443990 (3162941)		0.151	
448864 (3162942)		0.046	
448883 (3162943)		0.014	
443288 (3162944)		0.639	
448920 (3162945)		0.043	
448940 (3162946)		0.102	
448959 (3162947)		0.084	
448980 (3162948)		0.933	
449000 (3162949)		0.005	
449020 (3162950)		0.022	
449040 (3162951)		<0.002	
449740 (3162952)		0.426	
449759 (3162953)		0.329	
449780 (3162954)		4.38	
449800 (3162955)		0.716	
449820 (3162956)		0.828	
443289 (3162957)		<0.002	
449840 (3162958)		2.27	
449859 (3162959)		1.38	
449880 (3162960)		0.307	
449900 (3162961)		0.324	
449920 (3162962)		0.340	
449940 (3162963)		0.169	

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Certificate of Analysis

AGAT WORK ORDER: 21B824983

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Nov 02, 2021

DATE RECEIVED: Nov 03, 2021

DATE REPORTED: Nov 12, 2021

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.002
449959 (3162964)			0.109
450459 (3162965)			0.841
450480 (3162966)			0.142

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By: _____



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Quality Assurance - Replicate
AGAT WORK ORDER: 21B824983
PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

Parameter														



CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

Parameter	CRM #1 (ref.GSP6D)				CRM #2 (ref.GS7K)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	0.769	0.75	98%	90% - 110%	7.06	7.76	110%	90% - 110%								

Method Summary

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

AGAT WORK ORDER: 21B824983

PROJECT: GOS21-SPLIT

ATTENTION TO: ALAN SMITH

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Au	MIN-12019	BUGBEE, E: A Textbook of Fire Assaying	AA

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION
CHESTER #1, MINE SITE, P.O. BOX 100
GOGAMA, ON P0M1W0
(705) 269-0010

ATTENTION TO: ALAN SMITH
PROJECT: GOS21-SPLIT

AGAT WORK ORDER: 21B825067

SOLID ANALYSIS REVIEWED BY: Sampada Neupane, Lab Technician

DATE REPORTED: Dec 02, 2021

PAGES (INCLUDING COVER): 7

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AGAT WORK ORDER: 21B825067

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Nov 02, 2021	DATE RECEIVED: Nov 03, 2021	DATE REPORTED: Dec 02, 2021	SAMPLE TYPE: Other
Analyte: Au	Unit: ppm	RDL: 0.002	
443520 (3163408)		0.027	
443540 (3163409)		0.054	
443559 (3163410)		0.039	
443580 (3163411)		0.026	
443600 (3163412)		0.471	
443620 (3163413)		0.061	
443640 (3163414)		0.046	
443659 (3163415)		0.174	
443680 (3163416)		0.115	
443700 (3163417)		0.525	
443720 (3163418)		0.142	
443740 (3163419)		0.021	
443290 (3163420)		0.468	
443759 (3163421)		0.298	
443780 (3163422)		2.38	
443800 (3163423)		0.856	
443820 (3163424)		0.107	
448739 (3163425)		>10.0	
448759 (3163426)		0.269	
448779 (3163427)		0.398	
448799 (3163428)		0.289	
448819 (3163429)		0.762	
448838 (3163430)		2.80	
449520 (3163431)		0.009	
449540 (3163432)		0.186	
443291 (3163433)		<0.002	
449559 (3163434)		0.003	
449580 (3163435)		0.007	
449600 (3163436)		0.385	
449620 (3163437)		0.130	
449640 (3163438)		<0.002	
449659 (3163439)		0.166	

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 21B825067

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Nov 02, 2021	DATE RECEIVED: Nov 03, 2021	DATE REPORTED: Dec 02, 2021	SAMPLE TYPE: Other
Analyte: Au	Unit: ppm	RDL: 0.002	
Sample ID (AGAT ID)			
449680 (3163440)		0.081	
449700 (3163441)		0.105	
449720 (3163442)		0.141	

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 21B825067

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

(202-064) Fire Assay - Au Ore Grade, Gravimetric finish

DATE SAMPLED: Nov 02, 2021

DATE RECEIVED: Nov 03, 2021

DATE REPORTED: Dec 02, 2021

SAMPLE TYPE: Other

Analyte:	Au-Grav
Unit:	g/t
RDL:	0.5
Sample ID (AGAT ID)	448739 (3163425)
	IS

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By: _____



AGAT Laboratories

Quality Assurance - Replicate
AGAT WORK ORDER: 21B825067
PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

Parameter														



AGAT Laboratories

Quality Assurance - Certified Reference materials
 AGAT WORK ORDER: 21B825067
 PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

Parameter	CRM #1 (ref.GSP6D)				CRM #2 (ref.GS7K)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	0.769	0.79	103%	90% - 110%	7.06	7.05	100%	90% - 110%								

Method Summary

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

AGAT WORK ORDER: 21B825067

PROJECT: GOS21-SPLIT

ATTENTION TO: ALAN SMITH

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Au	MIN-12019	BUGBEE, E: A Textbook of Fire Assaying	AA
Au-Grav	MIN-12004	BUGBEE, E: A Textbook of Fire Assaying	GRAVIMETRIC

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION
CHESTER #1, MINE SITE, P.O. BOX 100
GOGAMA, ON P0M1W0
(705) 269-0010

ATTENTION TO: ALAN SMITH
PROJECT: GOS21-SPLIT

AGAT WORK ORDER: 21B825084

SOLID ANALYSIS REVIEWED BY: Xunjia Liang, Lab Analyst

DATE REPORTED: Nov 10, 2021

PAGES (INCLUDING COVER): 7

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*Notes

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Certificate of Analysis

AGAT WORK ORDER: 21B825084

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Nov 02, 2021	DATE RECEIVED: Nov 03, 2021	DATE REPORTED: Nov 10, 2021	SAMPLE TYPE: Other
Analyte:	Au		
Unit:	ppm		
RDL:	0.002		
Sample ID (AGAT ID)			
442559 (3163497)	<0.002		
442580 (3163498)	0.026		
442600 (3163499)	0.084		
442620 (3163500)	0.069		
442640 (3163501)	<0.002		
442659 (3163502)	0.112		
442680 (3163503)	0.060		
442700 (3163504)	0.083		
442720 (3163505)	0.096		
442740 (3163506)	0.179		
442759 (3163507)	0.309		
442780 (3163508)	0.056		
443292 (3163509)	0.18		
442800 (3163510)	0.005		
442833 (3163511)	0.079		
442853 (3163512)	0.015		
442873 (3163513)	0.483		
442893 (3163514)	0.808		
442913 (3163515)	0.731		
442933 (3163516)	0.183		
442970 (3163517)	0.204		
442990 (3163518)	0.021		
443010 (3163519)	2.53		
443030 (3163520)	0.135		
443050 (3163521)	0.429		
443293 (3163522)	<0.002		
443070 (3163523)	0.081		
443090 (3163524)	0.185		
443110 (3163525)	0.010		
443130 (3163526)	0.277		
443150 (3163527)	0.028		
443170 (3163528)	0.057		

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 21B825084

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Nov 02, 2021	DATE RECEIVED: Nov 03, 2021	DATE REPORTED: Nov 10, 2021	SAMPLE TYPE: Other
Analyte:	Au		
Unit:	ppm		
RDL:	0.002		
Sample ID (AGAT ID)			
443190 (3163529)	0.331		
443210 (3163530)	1.55		
443230 (3163531)	1.94		
443250 (3163532)	0.331		
443270 (3163533)	0.471		
444020 (3163534)	0.099		
443294 (3163535)	1.44		
444040 (3163536)	0.226		
444059 (3163537)	0.051		
444080 (3163538)	0.047		
444100 (3163539)	0.868		
444120 (3163540)	0.004		
444140 (3163541)	0.068		
444159 (3163542)	0.083		
444180 (3163543)	0.009		
444200 (3163544)	0.007		
444230 (3163545)	0.030		
444250 (3163546)	0.046		
444270 (3163547)	0.019		
443295 (3163548)	<0.002		
444290 (3163549)	0.038		
444310 (3163550)	0.215		
444330 (3163551)	0.962		
444350 (3163552)	0.096		
444370 (3163553)	0.841		
444390 (3163554)	0.078		
444410 (3163555)	<0.002		
444430 (3163556)	0.026		
444450 (3163557)	0.398		
449344 (3163558)	0.204		
449364 (3163559)	0.057		
449383 (3163560)	0.044		

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 21B825084

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Nov 02, 2021	DATE RECEIVED: Nov 03, 2021	DATE REPORTED: Nov 10, 2021	SAMPLE TYPE: Other
Analyte: Au	Unit: ppm	RDL: 0.002	
Sample ID (AGAT ID)			
443296 (3163561)		0.668	
449404 (3163562)		0.227	
449423 (3163563)		0.067	
449444 (3163564)		0.568	
449480 (3163565)		0.006	
449500 (3163566)		0.009	
449520 (3163567)		0.039	
449540 (3163568)		0.049	

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



AGAT Laboratories

Quality Assurance - Replicate
AGAT WORK ORDER: 21B825084
PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

Parameter														



CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

Parameter	CRM #1 (ref.GSP6D)				CRM #2 (ref.GS7K)				CRM #3 (ref.GS1X)				CRM #4 (ref.ME1705)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.769	0.78	101%	90% - 110%	7.06	6.58	93%	90% - 110%	1.299	1.17	90%	90% - 110%	3.62	3.70	102%	90% - 110%

Method Summary

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

AGAT WORK ORDER: 21B825084

PROJECT: GOS21-SPLIT

ATTENTION TO: ALAN SMITH

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Au	MIN-12019	BUGBEE, E: A Textbook of Fire Assaying	AA

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION
CHESTER #1, MINE SITE, P.O. BOX 100
GOGAMA, ON P0M1W0
(705) 269-0010

ATTENTION TO: ALAN SMITH
PROJECT: GOS21-SPLIT

AGAT WORK ORDER: 21B825102

SOLID ANALYSIS REVIEWED BY: Sampada Neupane, Lab Technician

DATE REPORTED: Nov 15, 2021

PAGES (INCLUDING COVER): 5

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Certificate of Analysis

AGAT WORK ORDER: 21B825102

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Nov 02, 2021 DATE RECEIVED: Nov 03, 2021 DATE REPORTED: Nov 15, 2021 SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.002
433420 (3163748)			1.72
433808 (3163749)			0.295
445400 (3163750)			0.005
433440 (3163751)			0.831
433828 (3163752)			0.942
445420 (3163753)			0.463
433461 (3163754)			0.312
445440 (3163755)			0.196
433480 (3163756)			0.428
433500 (3163757)			0.599
443297 (3163758)			<0.002

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By: _____



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Quality Assurance - Replicate
AGAT WORK ORDER: 21B825102
PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

Parameter														



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Quality Assurance - Certified Reference materials
 AGAT WORK ORDER: 21B825102
 PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

Parameter	CRM #1 (ref.GS7K)													
	Expect	Actual	Recovery	Limits										
Au	7.06	6.76	96%	90% - 110%										

Method Summary

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

AGAT WORK ORDER: 21B825102

PROJECT: GOS21-SPLIT

ATTENTION TO: ALAN SMITH

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Au	MIN-12019	BUGBEE, E: A Textbook of Fire Assaying	AA

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION
CHESTER #1, MINE SITE, P.O. BOX 100
GOGAMA, ON P0M1W0
(705) 269-0010

ATTENTION TO: ALAN SMITH
PROJECT: GOS21-SPLIT

AGAT WORK ORDER: 21B841336

SOLID ANALYSIS REVIEWED BY: Sampada Neupane, Lab Technician

DATE REPORTED: Dec 20, 2021

PAGES (INCLUDING COVER): 7

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AGAT WORK ORDER: 21B841336

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 06, 2021 DATE RECEIVED: Dec 07, 2021 DATE REPORTED: Dec 20, 2021 SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.002
439726 (3310288)			0.070
439741 (3310289)			0.923
439756 (3310290)			0.007
439771 (3310291)			0.103
439786 (3310292)			0.100
439801 (3310293)			0.438
439816 (3310294)			0.034
439831 (3310295)			0.045
439846 (3310296)			0.088
439861 (3310297)			0.329
439876 (3310298)			0.007
439891 (3310299)			0.056
443401 (3310300)			0.467
435501 (3310301)			0.348
435516 (3310302)			0.418
435531 (3310303)			0.560
435546 (3310304)			0.146
435561 (3310305)			0.108
435576 (3310306)			0.032
435591 (3310307)			0.418
435606 (3310308)			0.475
435621 (3310309)			0.319
435635 (3310310)			0.532
435651 (3310311)			0.930
435666 (3310312)			3.83
443402 (3310313)			0.004
435681 (3310314)			1.83
435695 (3310315)			1.97
435711 (3310316)			1.01
439901 (3310317)			0.016
439916 (3310318)			0.003
439931 (3310319)			0.014

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 21B841336

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 06, 2021

DATE RECEIVED: Dec 07, 2021

DATE REPORTED: Dec 20, 2021

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.002
439946 (3310320)			0.020
439961 (3310321)			0.015
439976 (3310322)			0.018
439991 (3310323)			0.017
440000 (3310324)			0.011
438501 (3310325)			0.012
443403 (3310326)			0.655
438516 (3310327)			0.056
438531 (3310328)			0.180
438546 (3310329)			0.111
438561 (3310330)			0.076
438576 (3310331)			0.103
438591 (3310332)			0.133
438606 (3310333)			0.084
438621 (3310334)			0.213
438635 (3310335)			0.072
438651 (3310336)			0.123

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 21B841336

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

(202-064) Fire Assay - Au Ore Grade, Gravimetric finish

DATE SAMPLED: Dec 06, 2021

DATE RECEIVED: Dec 07, 2021

DATE REPORTED: Dec 20, 2021

SAMPLE TYPE: Other

Analyte: Au-Grav

Unit: g/t

Sample ID (AGAT ID) RDL: 0.5

435666 (3310312) 3.0

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



AGAT Laboratories

Quality Assurance - Replicate
 AGAT WORK ORDER: 21B841336
 PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

(202-064) Fire Assay - Au Ore Grade, Gravimetric finish

Parameter	Sample ID	REPLICATE #1		RPD										
		Original	Replicate											
Au-Grav	3310312	3.0	3.3	10.5%										



CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

Parameter	CRM #1 (ref.GSP6D)				CRM #2 (ref.GS7K)				CRM #3 (ref.GS1X)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	0.769	0.75	97%	90% - 110%	7.06	6.79	96%	90% - 110%	1.299	1.34	103%	90% - 110%				

(202-064) Fire Assay - Au Ore Grade, Gravimetric finish

Parameter	CRM #1 (ref.GS20)				CRM #2 (ref.GS7K)				CRM #3 (ref.GS1X)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au-Grav	19.65	19.2	98%	95% - 105%												

Method Summary

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

AGAT WORK ORDER: 21B841336

PROJECT: GOS21-SPLIT

ATTENTION TO: ALAN SMITH

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Au	MIN-12019	BUGBEE, E: A Textbook of Fire Assaying	AA
Au-Grav	MIN-12004	BUGBEE, E: A Textbook of Fire Assaying	GRAVIMETRIC

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION
CHESTER #1, MINE SITE, P.O. BOX 100
GOGAMA, ON P0M1W0
(705) 269-0010

ATTENTION TO: ALAN SMITH
PROJECT: GOS21-SPLIT

AGAT WORK ORDER: 21B845852

SOLID ANALYSIS REVIEWED BY: Xunjia Liang, Lab Analyst

DATE REPORTED: Jan 05, 2022

PAGES (INCLUDING COVER): 9

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

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Certificate of Analysis

AGAT WORK ORDER: 21B845852

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 15, 2021

DATE RECEIVED: Dec 14, 2021

DATE REPORTED: Jan 05, 2022

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.002
432901 (3352873)			0.037
432940 (3352874)			0.042
432941 (3352875)			0.191
432956 (3352876)			0.633
432971 (3352877)			0.038
432986 (3352878)			0.023
433000 (3352879)			0.514
254301 (3352880)			0.149
254316 (3352881)			0.057
254331 (3352882)			0.020
254346 (3352883)			0.116
254361 (3352884)			0.247
443404 (3352885)			<0.002
254376 (3352886)			0.032
254391 (3352887)			0.071
254406 (3352888)			0.125
254420 (3352889)			0.156
254452 (3352890)			0.152
254467 (3352891)			1.27
254482 (3352892)			0.096
254497 (3352893)			0.342
436501 (3352894)			0.102
436516 (3352895)			0.205
436531 (3352896)			0.622
436546 (3352897)			0.208
443405 (3352898)			0.166
436561 (3352899)			4.74
436576 (3352900)			4.73
436591 (3352901)			0.227
436606 (3352902)			0.285
436621 (3352903)			0.222
436635 (3352904)			0.020

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 21B845852

PROJECT: GOS21-SPLIT

5623 McADAM ROAD
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 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 15, 2021	DATE RECEIVED: Dec 14, 2021	DATE REPORTED: Jan 05, 2022	SAMPLE TYPE: Other
Analyte:	Au		
Unit:	ppm		
RDL:	0.002		
Sample ID (AGAT ID)			
436651 (3352905)	0.009		
436665 (3352906)	0.366		
436681 (3352907)	0.083		
436695 (3352908)	0.038		
435046 (3352909)	0.184		
435061 (3352910)	0.038		
443406 (3352911)	<0.002		
435076 (3352912)	0.035		
435121 (3352913)	0.611		
435135 (3352914)	0.153		
435151 (3352915)	0.224		
435166 (3352916)	0.263		
435181 (3352917)	0.884		
435195 (3352918)	8.43		
435211 (3352919)	0.501		
435226 (3352920)	2.85		
435241 (3352921)	0.370		
435256 (3352922)	0.006		
435271 (3352923)	0.140		
443407 (3352924)	1.53		
435286 (3352925)	0.332		
435301 (3352926)	0.268		
435316 (3352927)	0.360		
435331 (3352928)	0.490		
435346 (3352929)	0.210		
435361 (3352930)	0.484		
435376 (3352931)	0.179		
435421 (3352932)	0.078		
435435 (3352933)	>10.0		
435451 (3352934)	1.38		
435464 (3352935)	0.785		
435291 (3352936)	0.128		

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 21B845852

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 15, 2021	DATE RECEIVED: Dec 14, 2021	DATE REPORTED: Jan 05, 2022	SAMPLE TYPE: Other
Analyte:	Au		
Unit:	ppm		
RDL:	0.002		
Sample ID (AGAT ID)			
443408 (3352937)	<0.002		
435306 (3352938)	0.190		
436704 (3352939)	0.002		
436719 (3352940)	0.003		
436734 (3352941)	0.148		
436749 (3352942)	0.228		
436764 (3352943)	0.004		
436779 (3352944)	0.043		
436794 (3352945)	0.036		
436809 (3352946)	0.063		
436823 (3352947)	0.187		
436839 (3352948)	0.084		
436854 (3352949)	0.061		
443409 (3352950)	0.453		
436869 (3352951)	0.167		
436883 (3352952)	0.053		
436899 (3352953)	0.041		
436914 (3352954)	0.041		
436929 (3352955)	0.056		
436944 (3352956)	0.268		
436959 (3352957)	0.293		
436974 (3352958)	0.162		
436989 (3352959)	0.172		
437004 (3352960)	0.037		
437018 (3352961)	0.254		
435465 (3352962)	0.425		
443410 (3352963)	0.004		
435480 (3352964)	0.058		
435495 (3352965)	0.085		
431159 (3352966)	0.018		
431174 (3352967)	0.009		
431189 (3352968)	0.009		

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 21B845852

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 15, 2021 DATE RECEIVED: Dec 14, 2021 DATE REPORTED: Jan 05, 2022 SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.002
431204 (3352969)			0.112
431219 (3352970)			0.255
431234 (3352971)			<0.002
431249 (3352972)			0.033
431264 (3352973)			0.085
431279 (3352974)			0.074
431294 (3352975)			0.050
443411 (3352976)			0.652
431309 (3352977)			1.36
431323 (3352978)			<0.002
437019 (3352979)			0.022
437034 (3352980)			0.148
437049 (3352981)			0.070
437064 (3352982)			0.020
437079 (3352983)			0.009
437094 (3352984)			0.026
437109 (3352985)			<0.002
437123 (3352986)			0.008
437139 (3352987)			0.173

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 21B845852

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

(202-064) Fire Assay - Au Ore Grade, Gravimetric finish

DATE SAMPLED: Dec 15, 2021

DATE RECEIVED: Dec 14, 2021

DATE REPORTED: Jan 05, 2022

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au-Grav	g/t	0.5	
436561 (3352899)				6.6
436576 (3352900)				IS
435195 (3352918)				8.7
435435 (3352933)				12.3

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	3352951	0.167	0.228	31.0%	3352977	1.36	1.38	1.5%	3352873	0.037	0.065	56.2%	3352925	0.332	0.271	20.2%



CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

	CRM #1 (ref.GSP6D)				CRM #2 (ref.GS7K)				CRM #3 (ref.GS1X)				CRM #4 (ref.GSP6D)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.769	0.85	110%	90% - 110%	7.06	6.86	97%	90% - 110%	1.299	1.20	92%	90% - 110%	0.769	0.75	97%	90% - 110%
	CRM #5 (ref.GS7K)				CRM #6 (ref.GS1X)				CRM #7 (ref.ME1705)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	7.06	6.81	96%	90% - 110%	1.299	1.24	95%	90% - 110%	3.62	3.39	94%	90% - 110%				

(202-064) Fire Assay - Au Ore Grade, Gravimetric finish

	CRM #1 (ref.GS37)															
Parameter	Expect	Actual	Recovery	Limits												
Au-Grav	37.08	37.2	100%	95% - 105%												

Method Summary

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

AGAT WORK ORDER: 21B845852

PROJECT: GOS21-SPLIT

ATTENTION TO: ALAN SMITH

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Au	MIN-12019	BUGBEE, E: A Textbook of Fire Assaying	AA
Au-Grav	MIN-12004	BUGBEE, E: A Textbook of Fire Assaying	GRAVIMETRIC

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION
CHESTER #1, MINE SITE, P.O. BOX 100
GOGAMA, ON P0M1W0
(705) 269-0010

ATTENTION TO: ALAN SMITH
PROJECT: GOS21-SPLIT

AGAT WORK ORDER: 21B845869

SOLID ANALYSIS REVIEWED BY: Sampada Neupane, Lab Technician

DATE REPORTED: Dec 29, 2021

PAGES (INCLUDING COVER): 9

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*Notes

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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.



Certificate of Analysis

AGAT WORK ORDER: 21B845869

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 15, 2021 DATE RECEIVED: Dec 14, 2021 DATE REPORTED: Dec 29, 2021 SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.002
437151 (3353077)			0.026
437166 (3353078)			0.047
437181 (3353079)			0.009
437195 (3353080)			0.100
437211 (3353081)			0.072
437226 (3353082)			0.195
437241 (3353083)			0.603
437256 (3353084)			0.032
437271 (3353085)			0.412
437286 (3353086)			0.055
437301 (3353087)			2.58
437316 (3353088)			0.185
443412 (3353089)			0.004
437331 (3353090)			0.521
437366 (3353091)			0.662
437382 (3353092)			1.81
437397 (3353093)			7.65
437411 (3353094)			0.537
437427 (3353095)			0.005
437442 (3353096)			1.80
437457 (3353097)			0.291
437500 (3353098)			0.116
437515 (3353099)			0.081
437530 (3353100)			0.004
440001 (3353101)			0.027
443413 (3353102)			0.194
440016 (3353103)			1.09
440031 (3353104)			0.030
440046 (3353105)			0.028
440061 (3353106)			6.74
440076 (3353107)			0.022
440091 (3353108)			0.092

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 21B845869

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 15, 2021	DATE RECEIVED: Dec 14, 2021	DATE REPORTED: Dec 29, 2021	SAMPLE TYPE: Other
Analyte: Au	Unit: ppm	RDL: 0.002	
Sample ID (AGAT ID)			
440106 (3353109)		0.077	
440121 (3353110)		0.746	
440135 (3353111)		0.321	
440151 (3353112)		0.109	
440166 (3353113)		0.054	
440181 (3353114)		0.045	
443414 (3353115)		<0.002	
440195 (3353116)		0.407	
440211 (3353117)		0.006	
440226 (3353118)		0.070	
440241 (3353119)		0.005	
440256 (3353120)		0.117	
440271 (3353121)		0.101	
440286 (3353122)		0.012	
440301 (3353123)		0.027	
440316 (3353124)		0.009	
440331 (3353125)		1.27	
440346 (3353126)		0.162	
440361 (3353127)		0.053	
443415 (3353128)		1.39	
440376 (3353129)		1.05	
440391 (3353130)		0.891	
440406 (3353131)		1.07	
440421 (3353132)		>10.0	
440435 (3353133)		0.235	
440451 (3353134)		0.116	
439501 (3353135)		0.028	
439516 (3353136)		0.039	
439531 (3353137)		0.143	
439546 (3353138)		0.032	
439561 (3353139)		0.021	
439576 (3353140)		0.191	

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 21B845869

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 15, 2021	DATE RECEIVED: Dec 14, 2021	DATE REPORTED: Dec 29, 2021	SAMPLE TYPE: Other
Analyte:	Au		
Unit:	ppm		
RDL:	0.002		
Sample ID (AGAT ID)			
443416 (3353141)	<0.002		
439591 (3353142)	0.016		
439606 (3353143)	0.061		
439621 (3353144)	0.021		
439676 (3353145)	1.51		
439691 (3353146)	0.012		
439719 (3353147)	0.004		
437537 (3353148)	0.003		
437551 (3353149)	1.66		
437567 (3353150)	0.067		
437582 (3353151)	0.024		
437597 (3353152)	0.041		
437612 (3353153)	0.451		
443417 (3353154)	0.458		
437627 (3353155)	0.468		
437642 (3353156)	1.50		
437657 (3353157)	0.009		
437671 (3353158)	0.005		
437687 (3353159)	0.154		
437702 (3353160)	0.130		
437717 (3353161)	0.330		
437732 (3353162)	2.11		
437747 (3353163)	0.770		
437762 (3353164)	9.56		
437777 (3353165)	0.062		
437792 (3353166)	0.013		
443418 (3353167)	<0.002		
438661 (3353168)	0.488		
438676 (3353169)	0.294		
438691 (3353170)	0.100		
438706 (3353171)	0.230		
438721 (3353172)	0.028		

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 21B845869

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 15, 2021 DATE RECEIVED: Dec 14, 2021 DATE REPORTED: Dec 29, 2021 SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.002
438735 (3353173)			0.260
437801 (3353174)			0.018
437816 (3353175)			0.031
437831 (3353176)			0.035
437846 (3353177)			0.030
437861 (3353178)			0.006
437876 (3353179)			0.050
443419 (3353180)			0.651
437891 (3353181)			0.026
437906 (3353182)			0.056
437921 (3353183)			0.113
437935 (3353184)			0.262
437951 (3353185)			0.153
437966 (3353186)			0.086
437981 (3353187)			0.679
437995 (3353188)			0.032
431326 (3353189)			0.004

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 21B845869

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

(202-064) Fire Assay - Au Ore Grade, Gravimetric finish

DATE SAMPLED: Dec 15, 2021

DATE RECEIVED: Dec 14, 2021

DATE REPORTED: Dec 29, 2021

SAMPLE TYPE: Other

Analyte:	Au-Grav
Unit:	g/t
RDL:	0.5
Sample ID (AGAT ID)	
437397 (3353093)	7.9
440061 (3353106)	5.4
440421 (3353132)	10.7
437762 (3353164)	8.1

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By: _____



CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	3353155	0.468	0.497	6.1%	3353181	0.026	0.027	3.4%	3353077	0.026	0.031	17.4%	3353103	1.09	1.13	3.5%
	REPLICATE #5															
Parameter	Sample ID	Original	Replicate	RPD												
Au	3353129	1.05	0.862	19.5%												



CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

	CRM #1 (ref.GSP6D)				CRM #2 (ref.GS7J)				CRM #3 (ref.GS1X)				CRM #4 (ref.GSP6D)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.769	0.70	91%	90% - 110%	7.34	7.35	100%	90% - 110%	1.299	1.28	99%	90% - 110%	0.769	0.70	91%	90% - 110%
	CRM #5 (ref.GS7J)				CRM #6 (ref.GS1X)				CRM #7 (ref.ME1705)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	7.34	6.98	95%	90% - 110%	1.299	1.28	98%	90% - 110%	3.62	3.42	94%	90% - 110%				

(202-064) Fire Assay - Au Ore Grade, Gravimetric finish

	CRM #1 (ref.GS20)															
Parameter	Expect	Actual	Recovery	Limits												
Au-Grav	19.65	19.4	98%	95% - 105%												

Method Summary

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

AGAT WORK ORDER: 21B845869

PROJECT: GOS21-SPLIT

ATTENTION TO: ALAN SMITH

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Au	MIN-12019	BUGBEE, E: A Textbook of Fire Assaying	AA
Au-Grav	MIN-12004	BUGBEE, E: A Textbook of Fire Assaying	GRAVIMETRIC

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION
CHESTER #1, MINE SITE, P.O. BOX 100
GOGAMA, ON P0M1W0
(705) 269-0010

ATTENTION TO: ALAN SMITH
PROJECT: GOS21-SPLIT

AGAT WORK ORDER: 21B845924

SOLID ANALYSIS REVIEWED BY: Ruth Joseph, Lab Technician

DATE REPORTED: Jan 05, 2022

PAGES (INCLUDING COVER): 9

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*Notes

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Certificate of Analysis

AGAT WORK ORDER: 21B845924

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 15, 2021	DATE RECEIVED: Dec 14, 2021	DATE REPORTED: Jan 05, 2022	SAMPLE TYPE: Other
Analyte: Au	Unit: ppm	RDL: 0.002	
Sample ID (AGAT ID)			
435721 (3353954)		0.299	
435735 (3353955)		0.360	
435751 (3353956)		0.481	
435766 (3353957)		0.007	
435781 (3353958)		0.025	
435795 (3353959)		0.055	
435811 (3353960)		0.236	
435826 (3353961)		0.148	
435841 (3353962)		0.217	
435856 (3353963)		0.183	
435901 (3353964)		0.664	
435916 (3353965)		1.64	
443420 (3353966)		0.003	
435931 (3353967)		1.12	
435946 (3353968)		0.347	
435961 (3353969)		0.151	
435976 (3353970)		0.251	
435991 (3353971)		0.211	
438751 (3353972)		0.138	
438766 (3353973)		0.045	
440454 (3353974)		0.182	
440469 (3353975)		0.296	
440483 (3353976)		0.190	
440499 (3353977)		0.122	
440514 (3353978)		0.014	
443421 (3353979)		0.157	
440529 (3353980)		0.369	
440544 (3353981)		1.00	
440559 (3353982)		0.132	
440574 (3353983)		0.634	
440615 (3353984)		<0.002	
440630 (3353985)		0.166	

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 21B845924

PROJECT: GOS21-SPLIT

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

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 15, 2021 DATE RECEIVED: Dec 14, 2021 DATE REPORTED: Jan 05, 2022 SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte: Au	Unit: ppm	RDL: 0.002
440645 (3353986)		0.230	
440659 (3353987)		0.077	
438769 (3353988)		0.695	
438783 (3353989)		0.083	
438799 (3353990)		0.128	
438814 (3353991)		1.48	
443422 (3353992)		<0.002	
438829 (3353993)		0.066	
438844 (3353994)		0.738	
438859 (3353995)		0.108	
438874 (3353996)		0.024	
438889 (3353997)		0.406	
438904 (3353998)		0.096	
438919 (3353999)		0.252	
438934 (3354000)		1.03	
438949 (3354001)		0.957	
438959 (3354002)		0.115	
440671 (3354003)		0.013	
440686 (3354004)		0.025	
443423 (3354005)		1.55	
440701 (3354006)		0.005	
440716 (3354007)		0.009	
440731 (3354008)		0.152	
440746 (3354009)		0.107	
440761 (3354010)		1.08	
440771 (3354011)		0.034	
440786 (3354012)		2.82	
440801 (3354013)		0.260	
440816 (3354014)		0.090	
440831 (3354015)		0.456	
440846 (3354016)		0.276	
440861 (3354017)		0.089	

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Certificate of Analysis

AGAT WORK ORDER: 21B845924

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 15, 2021 DATE RECEIVED: Dec 14, 2021 DATE REPORTED: Jan 05, 2022 SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.002
443424 (3354018)			0.002
440871 (3354019)			1.15
440886 (3354020)			1.06
440901 (3354021)			2.19
440916 (3354022)			0.134
440931 (3354023)			0.075
440946 (3354024)			0.152
440961 (3354025)			0.008
438961 (3354026)			0.008
438976 (3354027)			0.013
438991 (3354028)			0.120
439006 (3354029)			0.004
439021 (3354030)			0.056
443425 (3354031)			0.475
439035 (3354032)			0.257
439051 (3354033)			0.089
439061 (3354034)			0.015
439076 (3354035)			1.48
439091 (3354036)			1.08
439106 (3354037)			0.593
439120 (3354038)			0.898
439121 (3354039)			4.36
439135 (3354040)			0.607
439151 (3354041)			0.954
439166 (3354042)			0.934
439181 (3354043)			0.842
443426 (3354044)			0.003
439195 (3354045)			0.281
439211 (3354046)			0.734
439226 (3354047)			0.048
439241 (3354048)			0.506
434427 (3354049)			0.876

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 21B845924

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 15, 2021

DATE RECEIVED: Dec 14, 2021

DATE REPORTED: Jan 05, 2022

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.002
434442 (3354050)			0.007
434457 (3354051)			0.010
434471 (3354052)			0.002
434487 (3354053)			0.037
434502 (3354054)			0.069
434517 (3354055)			0.272
434532 (3354056)			0.491
443427 (3354057)			0.645
434547 (3354058)			2.02
434559 (3354059)			0.007
434561 (3354060)			0.758
434576 (3354061)			0.624
434591 (3354062)			0.302
434606 (3354063)			0.208
434621 (3354064)			0.154
433001 (3354065)			0.003
433016 (3354066)			<0.002
433031 (3354067)			0.071
433046 (3354068)			0.209
433061 (3354069)			0.108
443428 (3354070)			<0.002
433076 (3354071)			0.814
433091 (3354072)			0.110
433106 (3354073)			0.190
433121 (3354074)			<0.002
433135 (3354075)			1.30

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 21B845924

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

(202-064) Fire Assay - Au Ore Grade, Gravimetric finish

DATE SAMPLED: Dec 15, 2021

DATE RECEIVED: Dec 14, 2021

DATE REPORTED: Jan 05, 2022

SAMPLE TYPE: Other

Analyte:	Au-Grav
Unit:	g/t
RDL:	0.5
Sample ID (AGAT ID)	
439121 (3354039)	4.8

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	3353954	0.299	0.338	12.3%	3353980	0.369	0.442	18.2%	3354006	0.005	0.006	14.5%	3354032	0.257	0.268	4.2%
	REPLICATE #5															
Parameter	Sample ID	Original	Replicate	RPD												
Au	3354058	2.02	2.22	9.4%												



CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

	CRM #1 (ref.GSP6D)				CRM #2 (ref.GS7J)				CRM #3 (ref.GS1X)				CRM #4 (ref.ME1705)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.769	0.81	105%	90% - 110%	7.34	6.88	94%	90% - 110%	1.299	1.19	92%	90% - 110%	3.62	3.64	100%	90% - 110%
	CRM #5 (ref.GS7J)				CRM #6 (ref.GS1X)				CRM #7 (ref.ME1705)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	7.34	7.49	102%	90% - 110%	1.299	1.17	90%	90% - 110%	3.62	3.49	96%	90% - 110%				

Method Summary

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

AGAT WORK ORDER: 21B845924

PROJECT: GOS21-SPLIT

ATTENTION TO: ALAN SMITH

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Au	MIN-12019	BUGBEE, E: A Textbook of Fire Assaying	AA
Au-Grav	MIN-12004	BUGBEE, E: A Textbook of Fire Assaying	GRAVIMETRIC

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION
CHESTER #1, MINE SITE, P.O. BOX 100
GOGAMA, ON P0M1W0
(705) 269-0010

ATTENTION TO: ALAN SMITH
PROJECT: GOS21-SPLIT

AGAT WORK ORDER: 21B845938

SOLID ANALYSIS REVIEWED BY: Sampada Neupane, Lab Technician

DATE REPORTED: Dec 29, 2021

PAGES (INCLUDING COVER): 9

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

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- 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.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.



Certificate of Analysis

AGAT WORK ORDER: 21B845938

PROJECT: GOS21-SPLIT

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CANADA L4Z 1N9
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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 16, 2021	DATE RECEIVED: Dec 14, 2021	DATE REPORTED: Dec 29, 2021	SAMPLE TYPE: Other
----------------------------	-----------------------------	-----------------------------	--------------------

	Analyte:	Unit:	RDL:	
	Au	ppm	0.002	
Sample ID (AGAT ID)				
433141 (3356147)			0.382	
433156 (3356148)			2.22	
433171 (3356149)			0.079	
431351 (3356150)			0.009	
431366 (3356151)			0.034	
431381 (3356152)			0.032	
431395 (3356153)			0.154	
431411 (3356154)			<0.002	
431426 (3356155)			0.019	
431441 (3356156)			0.029	
431456 (3356157)			0.412	
431471 (3356158)			0.051	
443429 (3356159)			0.163	
431486 (3356160)			0.012	
431491 (3356161)			0.210	
433501 (3356162)			0.012	
433516 (3356163)			0.005	
433531 (3356164)			<0.002	
433546 (3356165)			0.019	
433561 (3356166)			0.006	
433576 (3356167)			0.063	
433591 (3356168)			1.91	
434631 (3356169)			0.199	
434646 (3356170)			1.15	
434661 (3356171)			0.093	
443430 (3356172)			<0.002	
434676 (3356173)			0.394	
434691 (3356174)			0.334	
434706 (3356175)			0.042	
434721 (3356176)			0.865	
434735 (3356177)			0.095	
434751 (3356178)			0.213	

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 21B845938

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 16, 2021	DATE RECEIVED: Dec 14, 2021	DATE REPORTED: Dec 29, 2021	SAMPLE TYPE: Other
Analyte:	Au		
Unit:	ppm		
RDL:	0.002		
Sample ID (AGAT ID)			
434766 (3356179)	1.10		
434771 (3356180)	0.366		
434786 (3356181)	1.07		
434801 (3356182)	0.622		
434816 (3356183)	0.873		
434831 (3356184)	1.71		
443431 (3356185)	1.41		
434846 (3356186)	>10.0		
434861 (3356187)	0.920		
434876 (3356188)	1.04		
434891 (3356189)	1.86		
434906 (3356190)	1.29		
434911 (3356191)	0.510		
434926 (3356192)	2.52		
434941 (3356193)	1.27		
434956 (3356194)	0.043		
433601 (3356195)	0.004		
433616 (3356196)	0.035		
433631 (3356197)	0.013		
443432 (3356198)	<0.002		
433646 (3356199)	1.70		
433661 (3356200)	0.043		
433676 (3356201)	0.070		
433691 (3356202)	0.029		
433706 (3356203)	>10.0		
433721 (3356204)	0.028		
433735 (3356205)	0.017		
433741 (3356206)	0.022		
433756 (3356207)	0.120		
433771 (3356208)	0.175		
433786 (3356209)	0.148		
440988 (3356210)	0.448		

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 21B845938

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 16, 2021 DATE RECEIVED: Dec 14, 2021 DATE REPORTED: Dec 29, 2021 SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.002
443433 (3356211)			0.090
441000 (3356212)			0.061
434001 (3356213)			0.286
434016 (3356214)			0.121
434031 (3356215)			1.66
434046 (3356216)			0.145
434061 (3356217)			0.008
434076 (3356218)			0.003
434091 (3356219)			0.350
434106 (3356220)			0.086
434111 (3356221)			0.060
434126 (3356222)			0.026
434141 (3356223)			0.015
443434 (3356224)			0.002
434156 (3356225)			0.133
434171 (3356226)			0.059
434186 (3356227)			0.032
434200 (3356228)			0.016
434201 (3356229)			0.010
434216 (3356230)			0.185
434231 (3356231)			0.094
434246 (3356232)			0.209
434261 (3356233)			1.21
434276 (3356234)			0.141
434291 (3356235)			0.334
434306 (3356236)			0.033
443435 (3356237)			0.645
434321 (3356238)			0.157
434335 (3356239)			0.015
434341 (3356240)			0.032
434356 (3356241)			0.150
434371 (3356242)			0.037

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 21B845938

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 16, 2021	DATE RECEIVED: Dec 14, 2021	DATE REPORTED: Dec 29, 2021	SAMPLE TYPE: Other
Analyte: Au	Unit: ppm	RDL: 0.002	
Sample ID (AGAT ID)			
434386 (3356243)		0.006	
434401 (3356244)		0.146	
434416 (3356245)		0.087	
436001 (3356246)		0.166	
436016 (3356247)		0.052	
436031 (3356248)		0.122	
436046 (3356249)		0.219	
443436 (3356250)		0.002	
436061 (3356251)		0.008	
436076 (3356252)		0.172	
436091 (3356253)		0.013	
436106 (3356254)		0.040	
436121 (3356255)		0.032	
436135 (3356256)		0.006	
436141 (3356257)		0.022	
436156 (3356258)		0.039	
436171 (3356259)		0.158	
436186 (3356260)		0.046	
436198 (3356261)		0.042	
433241 (3356262)		0.022	
443437 (3356263)		0.178	
433256 (3356264)		0.541	
433271 (3356265)		0.006	
433286 (3356266)		0.406	
433301 (3356267)		0.246	

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

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 21B845938

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

(202-064) Fire Assay - Au Ore Grade, Gravimetric finish

DATE SAMPLED: Dec 16, 2021

DATE RECEIVED: Dec 14, 2021

DATE REPORTED: Dec 29, 2021

SAMPLE TYPE: Other

Analyte:	Au-Grav
Unit:	g/t
RDL:	0.5
Sample ID (AGAT ID)	
434846 (3356186)	20.5
433706 (3356203)	28.6

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

Certified By: _____



CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	3356225	0.133	0.109	19.7%	3356251	0.008	0.008	2.4%	3356147	0.382	0.360	6.1%	3356173	0.394	0.358	9.6%
	REPLICATE #5															
Parameter	Sample ID	Original	Replicate	RPD												
Au	3356199	1.70	1.76	3.2%												

(202-064) Fire Assay - Au Ore Grade, Gravimetric finish

	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Au-Grav	3356203	28.6	25.0	13.6%												



CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

	CRM #1 (ref.GSP6D)				CRM #2 (ref.GS7K)				CRM #3 (ref.GS1X)				CRM #4 (ref.ME1705)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.769	0.81	106%	90% - 110%	7.06	6.72	95%	90% - 110%	1.299	1.20	93%	90% - 110%	3.62	3.87	107%	90% - 110%
	CRM #5 (ref.ME1705)				CRM #6 (ref.GSP6D)				CRM #7 (ref.GS7K)				CRM #8 (ref.GS1X)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	3.62	3.28	91%	90% - 110%	0.769	0.74	97%	90% - 110%	7.06	6.60	93%	90% - 110%	1.299	1.28	99%	90% - 110%

(202-064) Fire Assay - Au Ore Grade, Gravimetric finish

	CRM #1 (ref.GS20)															
Parameter	Expect	Actual	Recovery	Limits												
Au-Grav	19.65	18.9	96%	95% - 105%												

Method Summary

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

AGAT WORK ORDER: 21B845938

PROJECT: GOS21-SPLIT

ATTENTION TO: ALAN SMITH

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Au	MIN-12019	BUGBEE, E: A Textbook of Fire Assaying	AA
Au-Grav	MIN-12004	BUGBEE, E: A Textbook of Fire Assaying	GRAVIMETRIC

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION
CHESTER #1, MINE SITE, P.O. BOX 100
GOGAMA, ON P0M1W0
(705) 269-0010

ATTENTION TO: ALAN SMITH
PROJECT: GOS21-SPLIT

AGAT WORK ORDER: 21B846093

SOLID ANALYSIS REVIEWED BY: Sampada Neupane, Lab Technician

DATE REPORTED: Dec 29, 2021

PAGES (INCLUDING COVER): 10

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

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- 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.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.



Certificate of Analysis

AGAT WORK ORDER: 21B846093

PROJECT: GOS21-SPLIT

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

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 16, 2021 DATE RECEIVED: Dec 14, 2021 DATE REPORTED: Dec 29, 2021 SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.002
439268 (3356324)			3.49
439283 (3356325)			0.471
439298 (3356326)			0.670
439313 (3356327)			0.018
439328 (3356328)			0.037
439343 (3356329)			0.027
439358 (3356330)			0.224
439373 (3356331)			0.066
439388 (3356332)			0.039
439400 (3356333)			0.106
439401 (3356334)			0.153
439416 (3356335)			0.102
443438 (3356336)			<0.002
439431 (3356337)			0.115
439446 (3356338)			0.085
439461 (3356339)			0.180
439476 (3356340)			0.293
439491 (3356341)			0.138
448001 (3356342)			0.054
448016 (3356343)			>10.0
448031 (3356344)			0.500
448046 (3356345)			0.740
448059 (3356346)			0.074
434958 (3356347)			0.027
434973 (3356348)			0.015
443439 (3356349)			1.37
434988 (3356350)			0.021
435000 (3356351)			0.002
431501 (3356352)			0.003
431516 (3356353)			0.035
431531 (3356354)			0.543
431546 (3356355)			0.101

Certified By: _____



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ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 16, 2021 DATE RECEIVED: Dec 14, 2021 DATE REPORTED: Dec 29, 2021 SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.002
431559 (3356356)			0.095
431561 (3356357)			0.048
431576 (3356358)			0.045
431591 (3356359)			0.125
431606 (3356360)			0.294
431621 (3356361)			0.159
443440 (3356362)			0.003
431635 (3356363)			0.051
431651 (3356364)			0.324
436199 (3356365)			0.050
436214 (3356366)			0.034
436229 (3356367)			0.080
436244 (3356368)			0.240
436259 (3356369)			0.081
436274 (3356370)			0.040
436289 (3356371)			0.154
436300 (3356372)			0.149
448061 (3356373)			0.061
448076 (3356374)			7.50
443441 (3356375)			0.480
448091 (3356376)			0.106
448106 (3356377)			0.380
448121 (3356378)			2.64
448135 (3356379)			3.35
448151 (3356380)			0.140
448166 (3356381)			0.109
431661 (3356382)			0.017
431676 (3356383)			0.017
431691 (3356384)			0.270
431706 (3356385)			0.331
431721 (3356386)			0.746
431735 (3356387)			0.533

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Certificate of Analysis

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ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 16, 2021 DATE RECEIVED: Dec 14, 2021 DATE REPORTED: Dec 29, 2021 SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.002
443442 (3356388)			<0.002
431751 (3356389)			0.041
431766 (3356390)			0.748
431781 (3356391)			3.53
445001 (3356392)			0.034
445016 (3356393)			0.040
445031 (3356394)			0.072
431791 (3356395)			>10.0
431806 (3356396)			1.44
431821 (3356397)			0.139
431835 (3356398)			1.58
431851 (3356399)			4.17
431866 (3356400)			1.32
443443 (3356401)			0.642
431881 (3356402)			0.053
431891 (3356403)			0.921
431906 (3356404)			0.263
431921 (3356405)			0.202
431935 (3356406)			0.178
431951 (3356407)			0.037
448171 (3356408)			0.192
448186 (3356409)			0.087
448201 (3356410)			0.011
448216 (3356411)			0.153
448228 (3356412)			0.037
436301 (3356413)			0.262
443444 (3356414)			0.003
436316 (3356415)			0.188
436331 (3356416)			0.709
436346 (3356417)			0.417
436361 (3356418)			0.545
436376 (3356419)			0.232

Certified By: _____



Certificate of Analysis

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 16, 2021

DATE RECEIVED: Dec 14, 2021

DATE REPORTED: Dec 29, 2021

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.002
436391 (3356420)			0.081
436401 (3356421)			0.016
436416 (3356422)			0.896
436431 (3356423)			0.628
436446 (3356424)			0.442
436461 (3356425)			2.57
436476 (3356426)			0.153
443445 (3356427)			0.169
436491 (3356428)			0.122
445041 (3356429)			0.031
445056 (3356430)			0.127
445071 (3356431)			0.021
445086 (3356432)			0.105
445101 (3356433)			0.007
445116 (3356434)			0.015
445131 (3356435)			0.065
445146 (3356436)			0.074
445161 (3356437)			0.016
445176 (3356438)			0.132
445181 (3356439)			0.159
443446 (3356440)			<0.002
445195 (3356441)			0.019
445211 (3356442)			0.028
445226 (3356443)			0.063
445241 (3356444)			0.056
445256 (3356445)			0.166
445271 (3356446)			0.025
445286 (3356447)			0.019
445301 (3356448)			0.005
445316 (3356449)			0.031
445321 (3356450)			0.048
445335 (3356451)			0.016

Certified By: _____



Certificate of Analysis

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PROJECT: GOS21-SPLIT

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ATTENTION TO: ALAN SMITH

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

DATE SAMPLED: Dec 16, 2021

DATE RECEIVED: Dec 14, 2021

DATE REPORTED: Dec 29, 2021

SAMPLE TYPE: Other

Analyte:	Unit:	RDL:
Au	ppm	0.002
Sample ID (AGAT ID)		
445351 (3356452)		0.469
443447 (3356453)		1.41
445366 (3356454)		0.046
445380 (3356455)		0.050

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 21B846093

PROJECT: GOS21-SPLIT

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CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

(202-064) Fire Assay - Au Ore Grade, Gravimetric finish

DATE SAMPLED: Dec 16, 2021

DATE RECEIVED: Dec 14, 2021

DATE REPORTED: Dec 29, 2021

SAMPLE TYPE: Other

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:	Value
	Au-Grav	g/t	0.5	
439268 (3356324)				3.6
448016 (3356343)				16.5
448076 (3356374)				6.53
448135 (3356379)				3.5
431781 (3356391)				3.44
431791 (3356395)				25.1
431851 (3356399)				4.5

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By: _____



CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	3356402	0.053	0.049	7.2%	3356428	0.122	0.222	58.4%	3356454	0.046	0.033	31.7%	3356324	3.49	3.56	2%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	3356350	0.021	0.022	7.9%	3356376	0.106	0.083	24.1%								

(202-064) Fire Assay - Au Ore Grade, Gravimetric finish

	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Au-Grav	3356395	25.1	26.3	4.7%												



CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

ATTENTION TO: ALAN SMITH

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

	CRM #1 (ref.GSP6D)				CRM #2 (ref.GS7J)				CRM #3 (ref.GS1X)				CRM #4 (ref.ME1705)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.769	0.85	110%	90% - 110%	7.34	6.93	94%	90% - 110%	1.299	1.17	90%	90% - 110%	3.62	3.54	98%	90% - 110%
	CRM #5 (ref.GSP6D)				CRM #6 (ref.GS7J)				CRM #7 (ref.GS1X)				CRM #8 (ref.ME1705)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.769	0.74	97%	90% - 110%	7.34	7.31	100%	90% - 110%	1.299	1.29	99%	90% - 110%	3.62	3.41	94%	90% - 110%

(202-064) Fire Assay - Au Ore Grade, Gravimetric finish

	CRM #1 (ref.GS20)															
Parameter	Expect	Actual	Recovery	Limits												
Au-Grav	19.65	20.2	103%	95% - 105%												

Method Summary

CLIENT NAME: IAMGOLD CORPORATION, COTE GOLD DIVISION

AGAT WORK ORDER: 21B846093

PROJECT: GOS21-SPLIT

ATTENTION TO: ALAN SMITH

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Au	MIN-12019	BUGBEE, E: A Textbook of Fire Assaying	AA
Au-Grav	MIN-12004	BUGBEE, E: A Textbook of Fire Assaying	GRAVIMETRIC

Appendix C:
Drill Plan Map (1:2,500)

430400

430600

430800

431000

431200

431400

N

41P12D092

41P12D093

LEA-109882

41P12D094

Weeduck Lake

41P12D095

LEA-109881

PAT-11125

5268000

5268000

PAT-11126

PAT-11127

GOS21-95

GOS21-92

GOS21-88

41P12D114

MLO-10659

41P12D112

41P12D113

GOS21-94

GOS21-100

GOS21-101

41P12D115

PAT-11122

CHESTER Twp.

GOS21-63

GOS21-85

GOS21-64

GOS21-64

GOS21-98

GOS21-89

GOS21-90

GOS21-86

GOS21-97

GOS21-96

GOS21-69

GOS21-67

GOS21-81

GOS21-83

GOS21-103

MLO-10658

GOS21-65

MLO-10660

5267800

5267800

PAT-11126

GOS21-87

GOS21-74

GOS21-93

GOS21-91

5267600

5267600

-109688

GOS21-71

GOS21-99

GOS21-68

Three Duck Lake

PAT-11120

GOS21-82

GOS21-70

GOS21-72

GOS21-73

GOS21-78

GOS21-76

5267400

5267400

41P12D132

41P12D133

GOS21-84

GOS21-80

GOS21-79

GOS21-77

GOS21-75

GOS21-102

41P12D134

PAT-11121

41P12D135

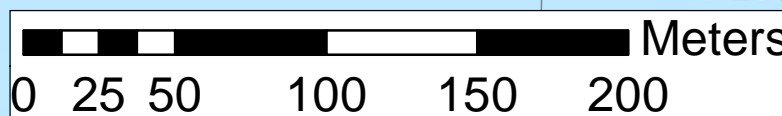
5267200

5267200

PAT-11117

Legend

- GOS 2021 DDH Traces
- GOS_2021_DDH_Collars
- Roads/Trails
- Provincial Grid Cell
- Mining Land Tenure
- Lakes



41P12D152

41P12D153

430400

430600

430800

431000

431200

431400

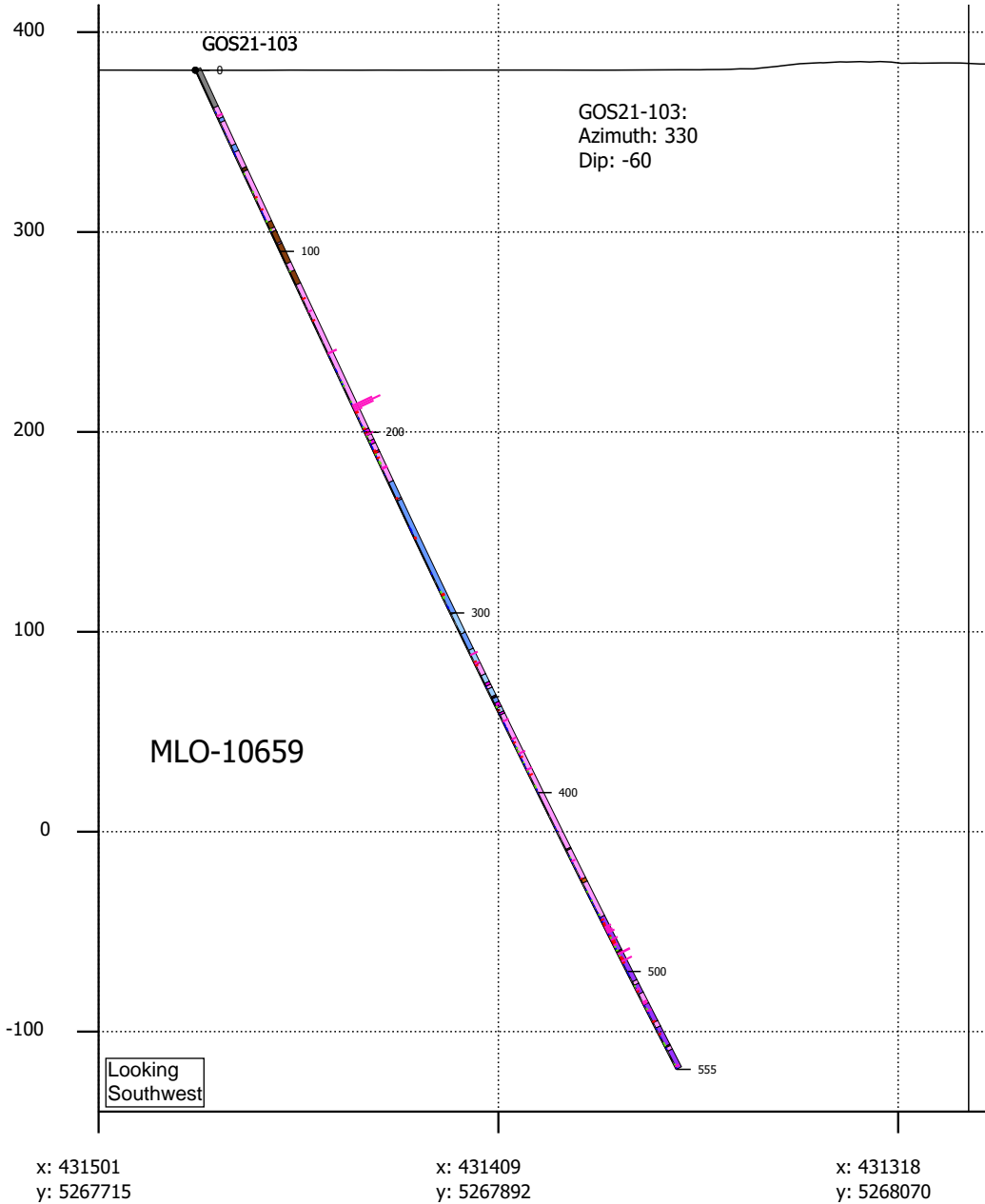
5267200

5267200

Appendix D:
Vertical Sections

A

GOS21-103

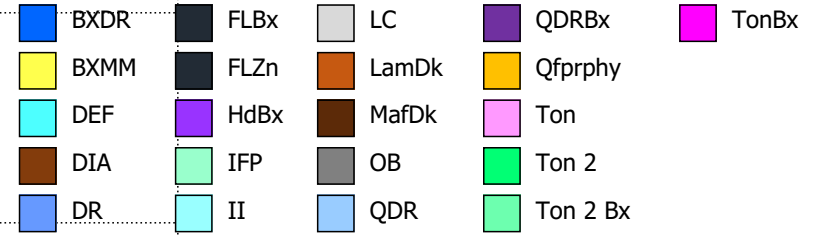
B

Location

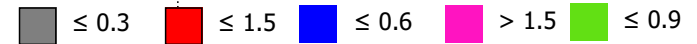
A:

B:

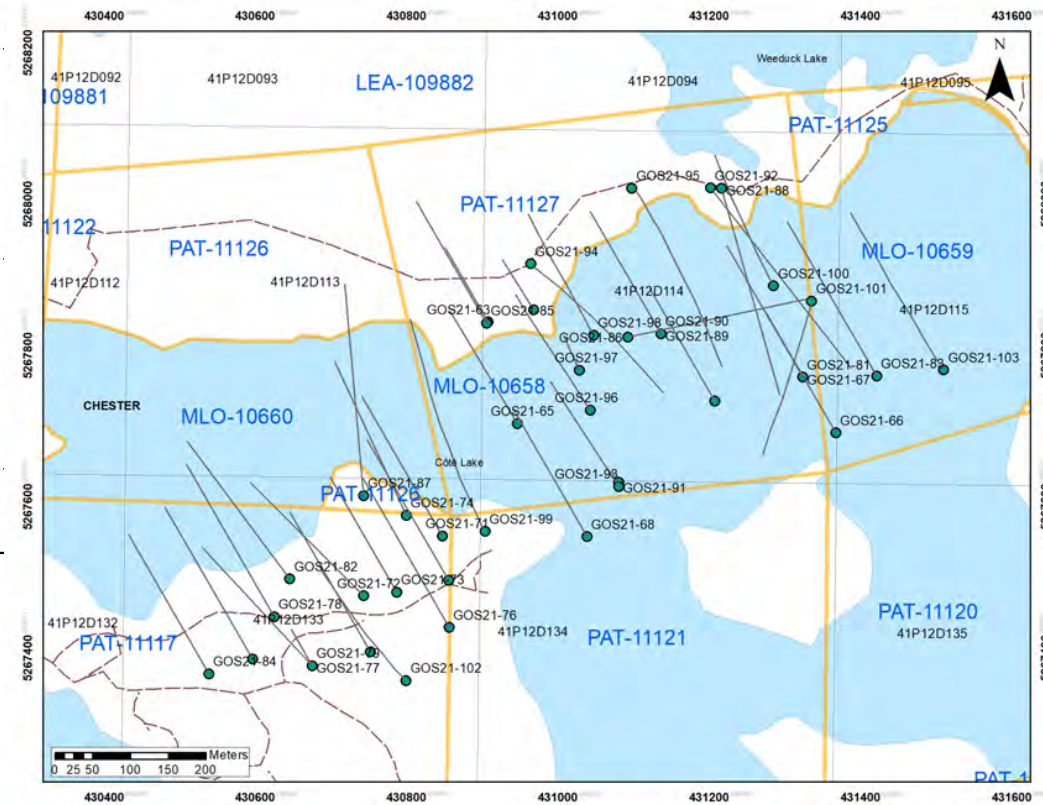
Group



AU_FINAL_GPT



Legend



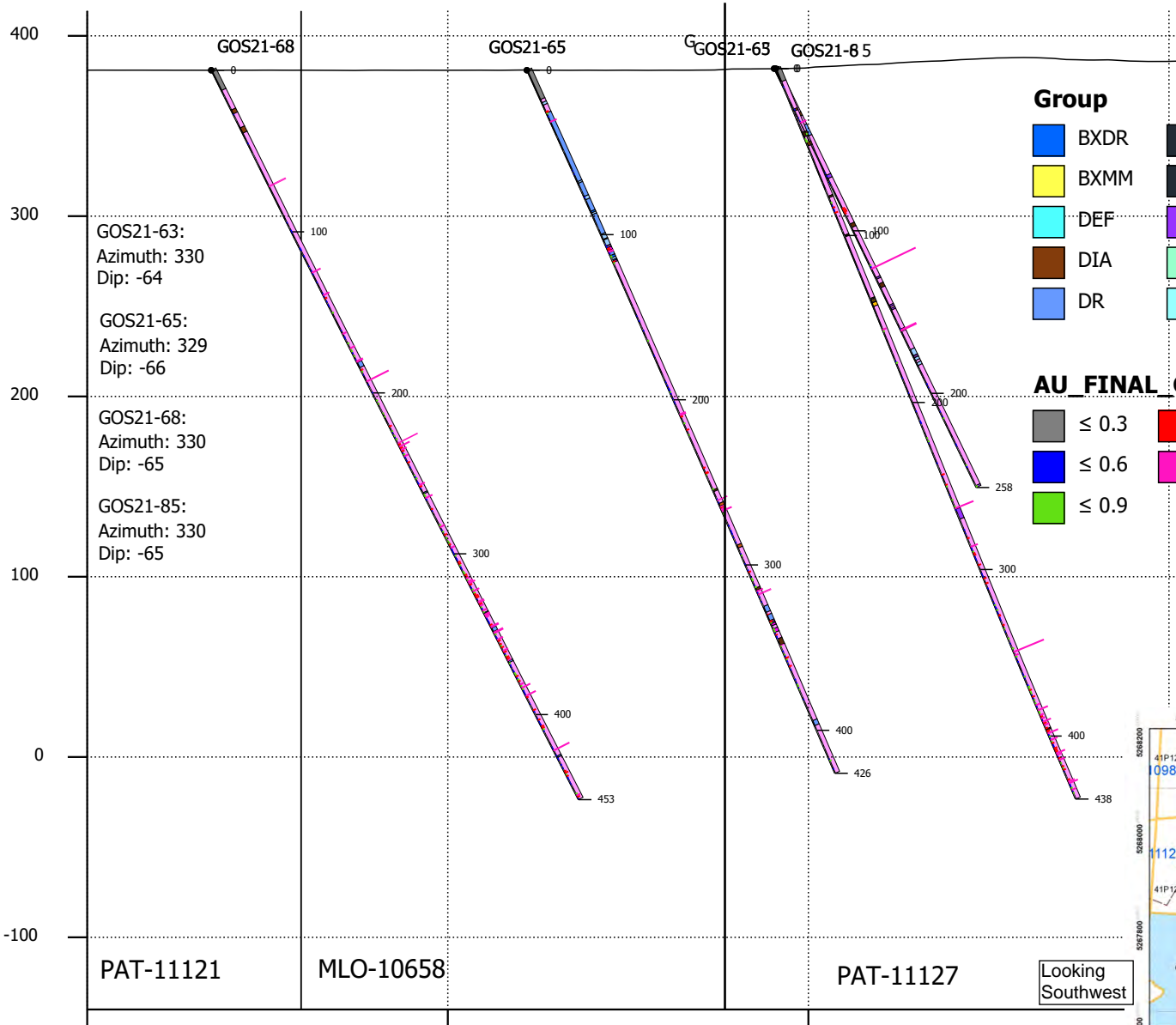
0m

200m

Scale: 1:3,600

Vertical exaggeration: 1x

A GOS21-63, GOS21-65, GOS21-68, GOS21-85



x: 431056
y: 5267486

x: 430965
y: 5267663

x: 430873
y: 5267841

Location

A: 431056, 5267486

B: 430777, 5268028



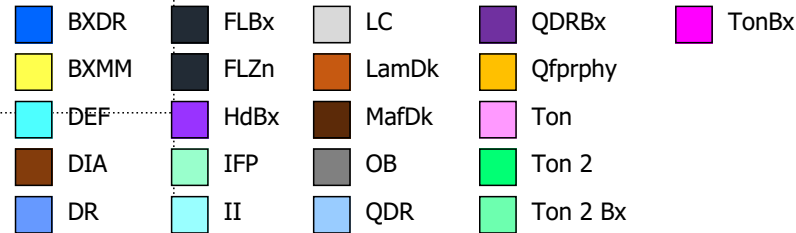
Scale: 1:3,600

Vertical exaggeration: 1x

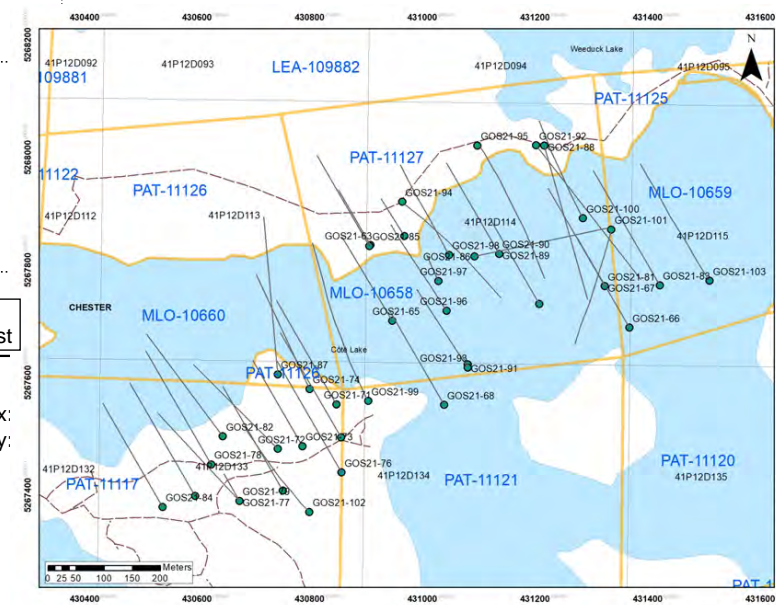
B

Legend

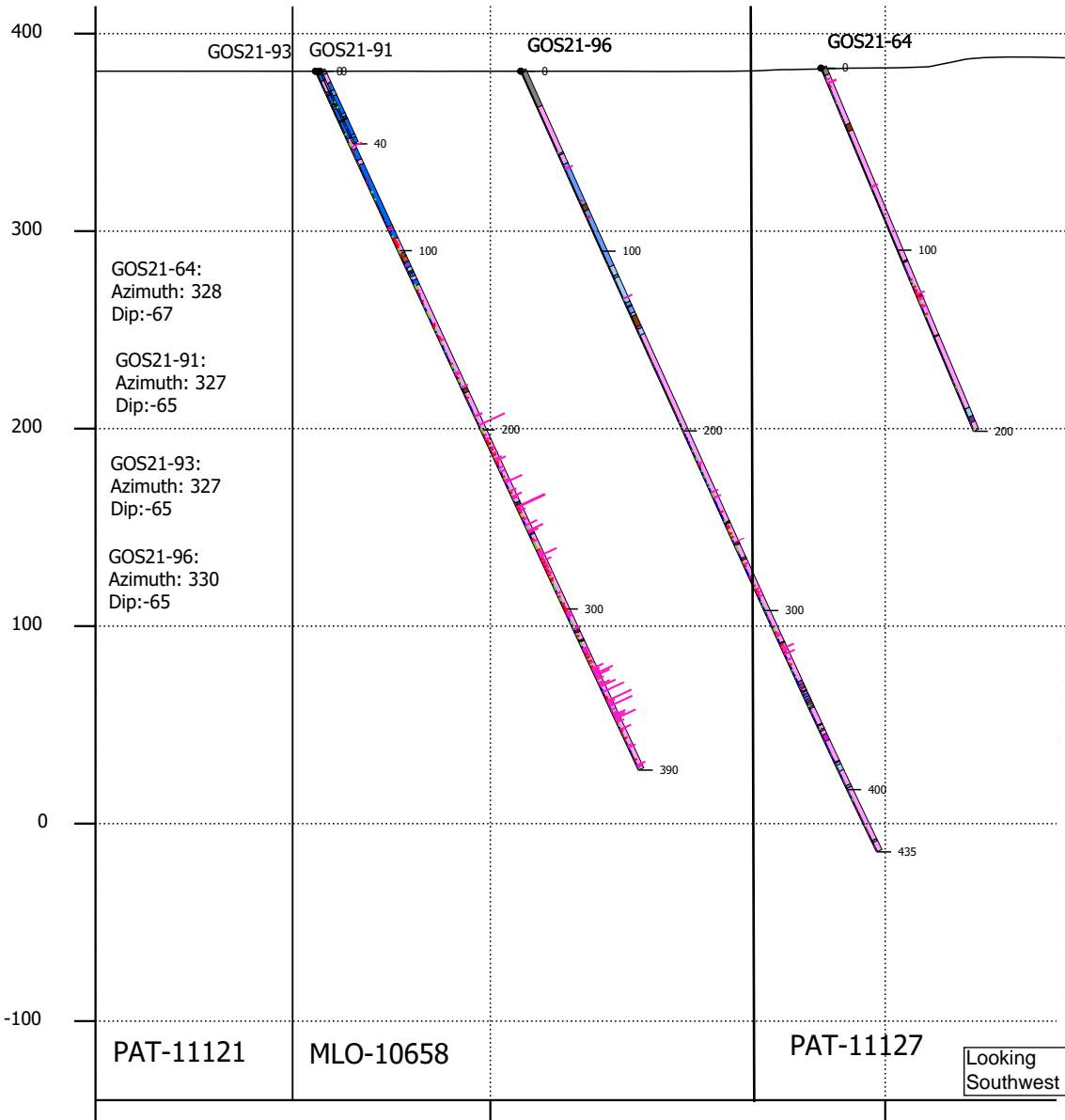
Group



AU_FINAL GPT



A GOS21-64, GOS21-91, GOS21-93, GOS21-96



GOS21-64:
Azimuth: 328
Dip:-67

GOS21-91:
Azimuth: 327
Dip:-65

GOS21-93:
Azimuth: 327
Dip:-65

GOS21-96:
Azimuth: 330
Dip:-65

PAT-11121

MLO-10658

PAT-11127

Looking
Southwest

x: 431101
y: 5267509

x: 431009
y: 5267686

x: 430918
y: 5267864

Location

A: 431101, 5267509

B: 430821, 5268051

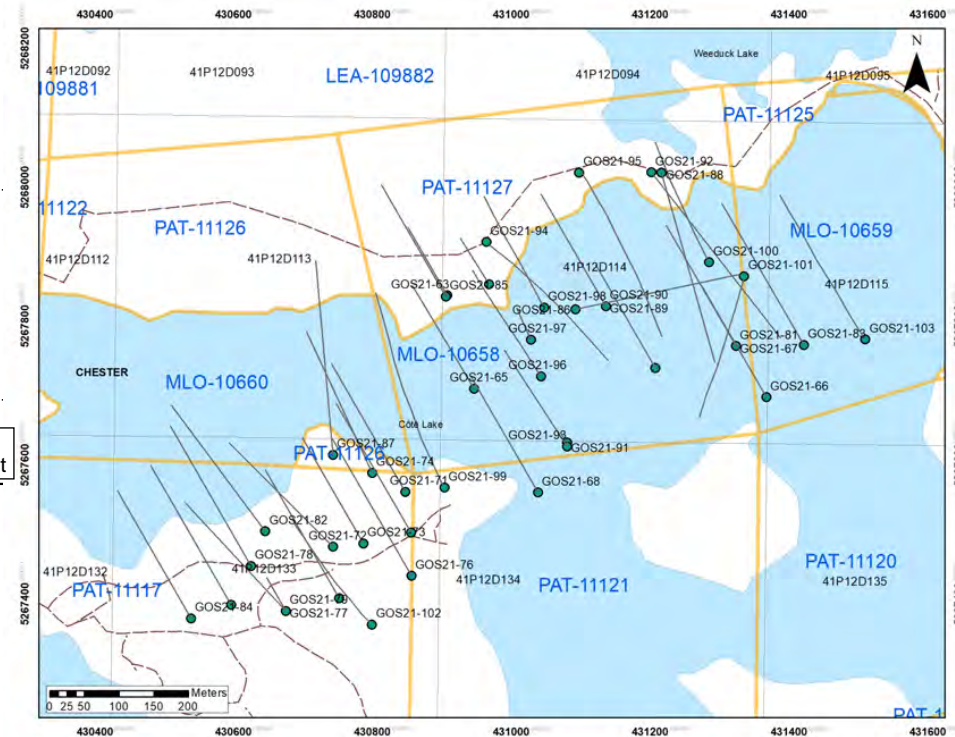
B

Legend

Group

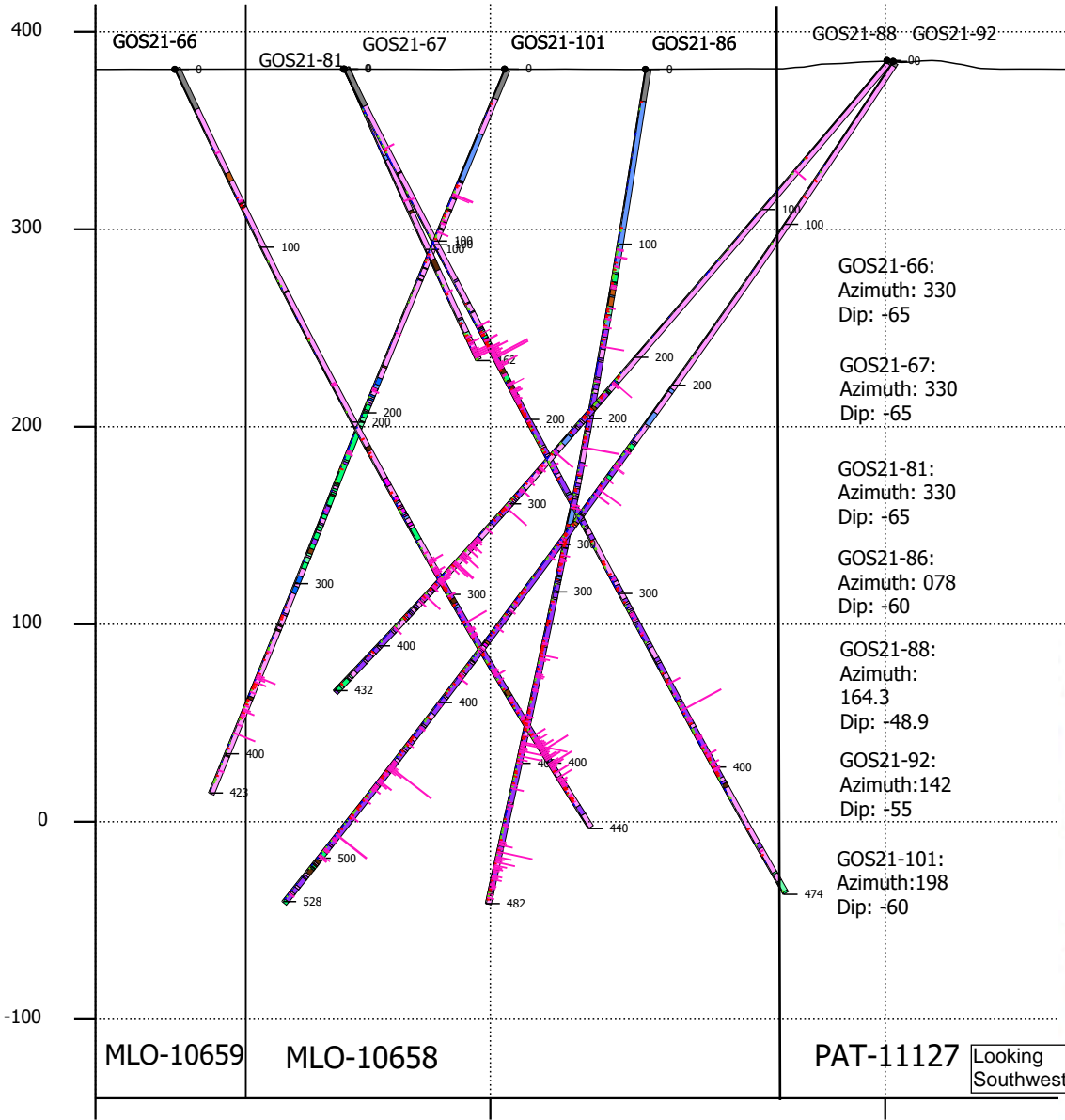


AU_FINAL_GPT



Scale: 1:3,600
Vertical exaggeration: 1x

A
GOS21-66, GOS21-67, GOS21-81, GOS21-86, GOS21-88, GOS21-92, GOS21-101



GOS21-66:
Azimuth: 330
Dip: -65

GOS21-67:
Azimuth: 330
Dip: -65

GOS21-81:
Azimuth: 330
Dip: -65

GOS21-86:
Azimuth: 078
Dip: -60

GOS21-88:
Azimuth:
164.3
Dip: -48.9

GOS21-92:
Azimuth:142
Dip: -55

GOS21-101:
Azimuth:198
Dip: -60

MLO-10659 MLO-10658 PAT-11127

x: 431368 y: 5267646 x: 431276 y: 5267824 x: 431184 y: 5268002

Location



Scale: 1:3,600
 Vertical exaggeration: 1x
 A: 431368, 5267646
 B: 431088, 5268188

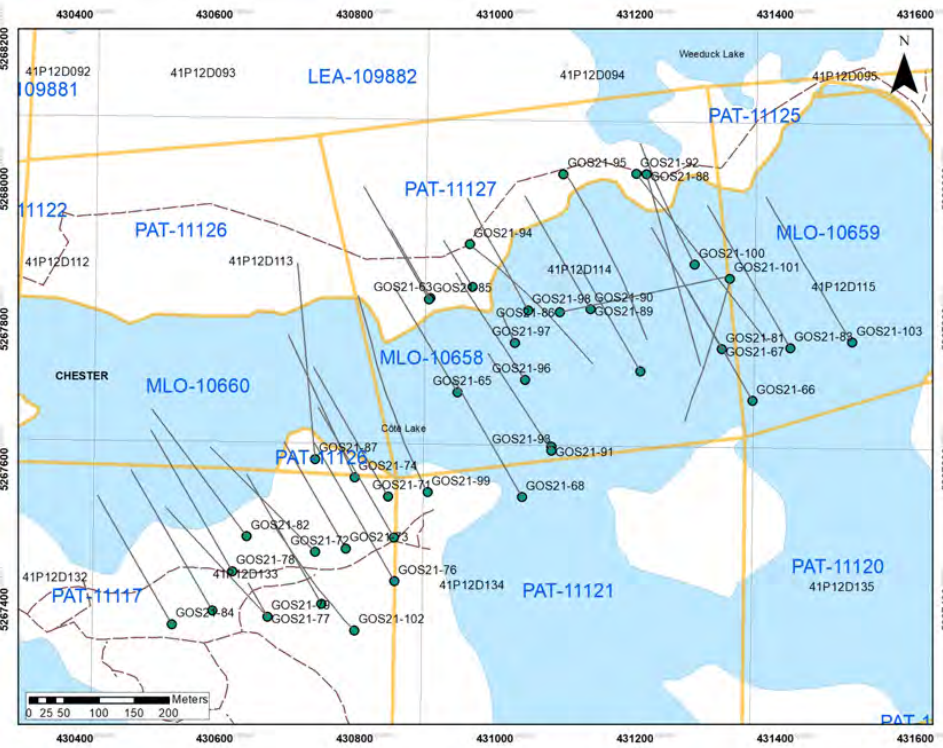
B

Legend

Group	BXDR	FLBx	LC	QDRBx	TonBx
	BXMM	FLZn	LamDk	Qfprphy	
	DEF	HdBx	MafDk	Ton	
	DIA	IFP	OB	Ton 2	
	DR	II	QDR	Ton 2 Bx	

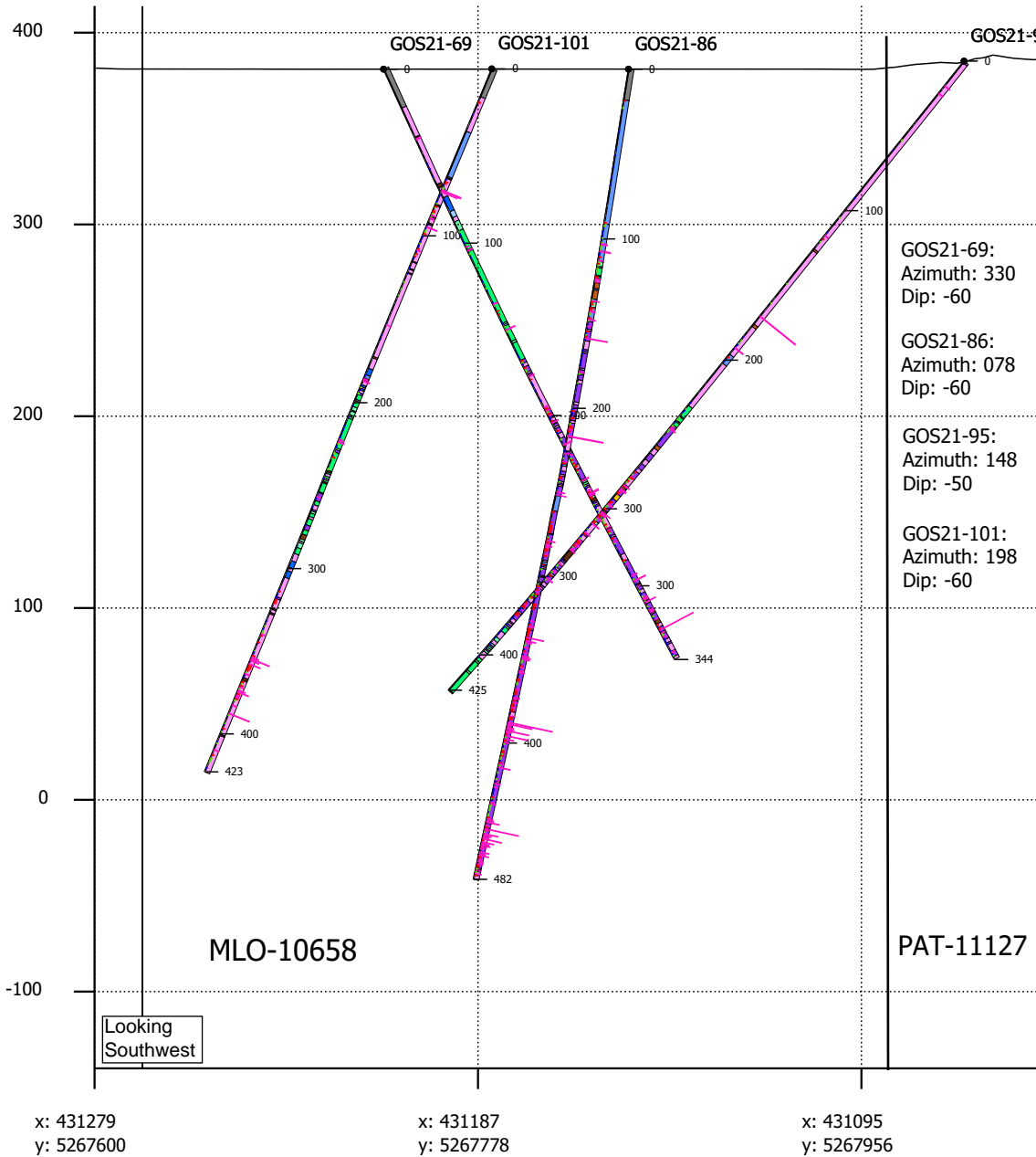
AU_FINAL_GPT

≤ 0.3	≤ 1.5	≤ 0.9
≤ 0.6	> 1.5	

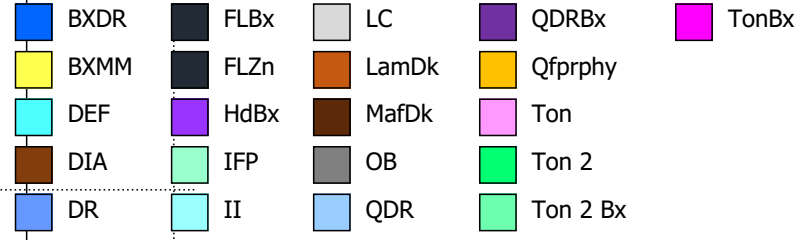


A GOS21-69, GOS21-86, GOS21-95, GOS21-101

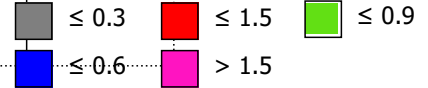
B



Group



AU_FINAL_GPT

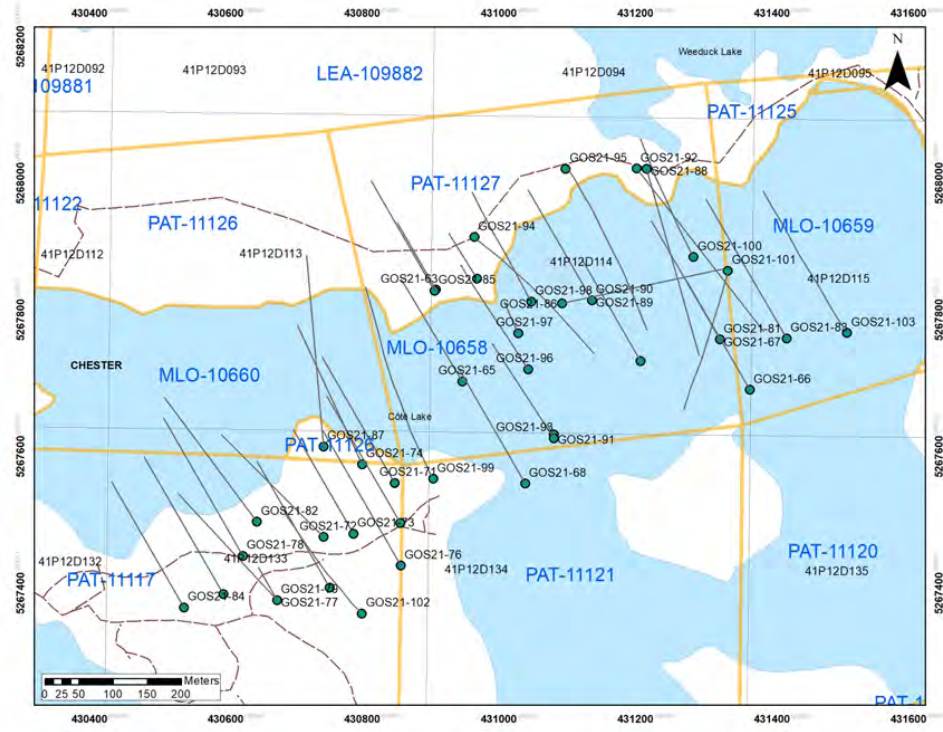


Legend



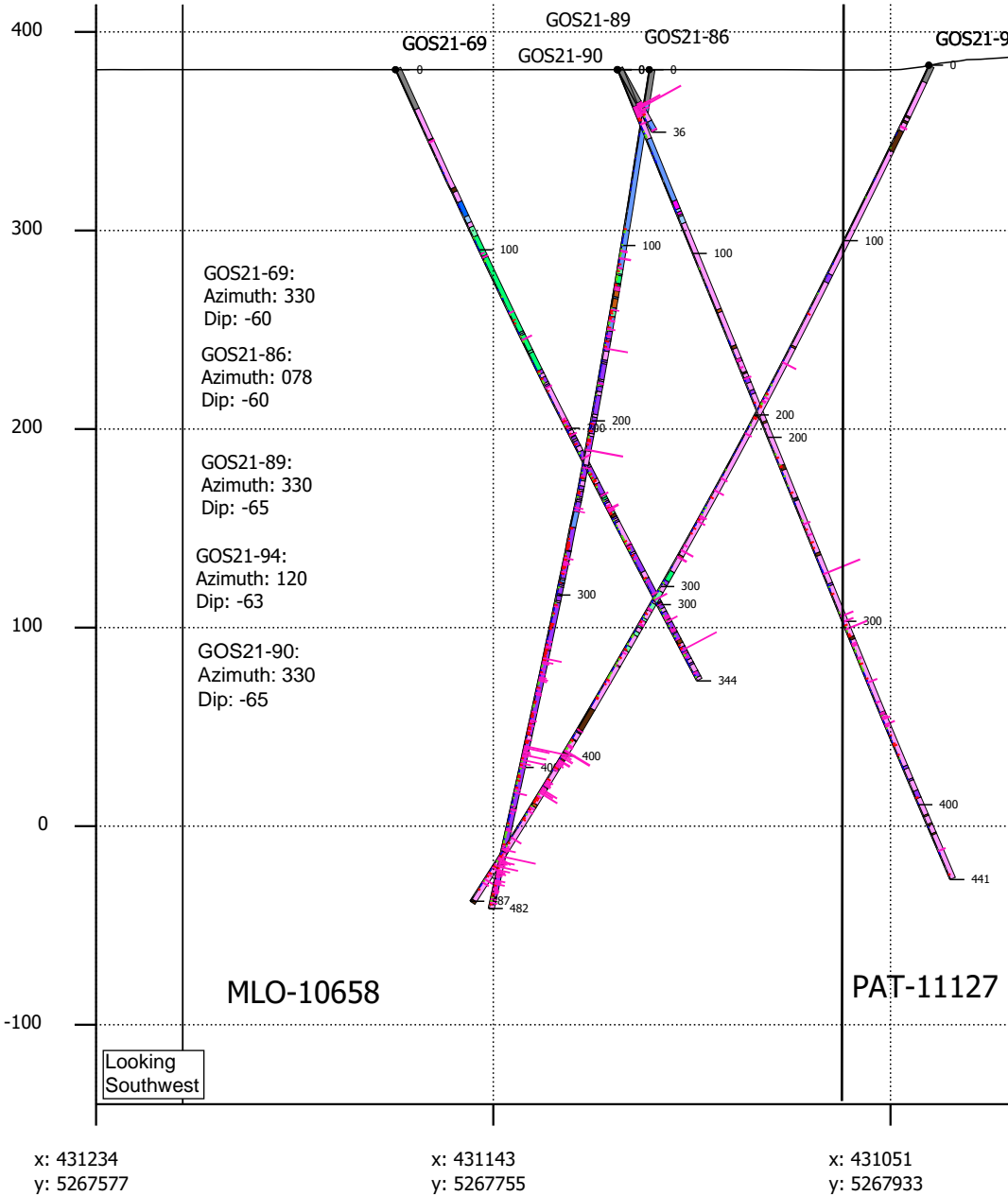
Scale: 1:3,600
Vertical exaggeration: 1x

Location
 A: 431279,5267600
 B: 430999, 5268142

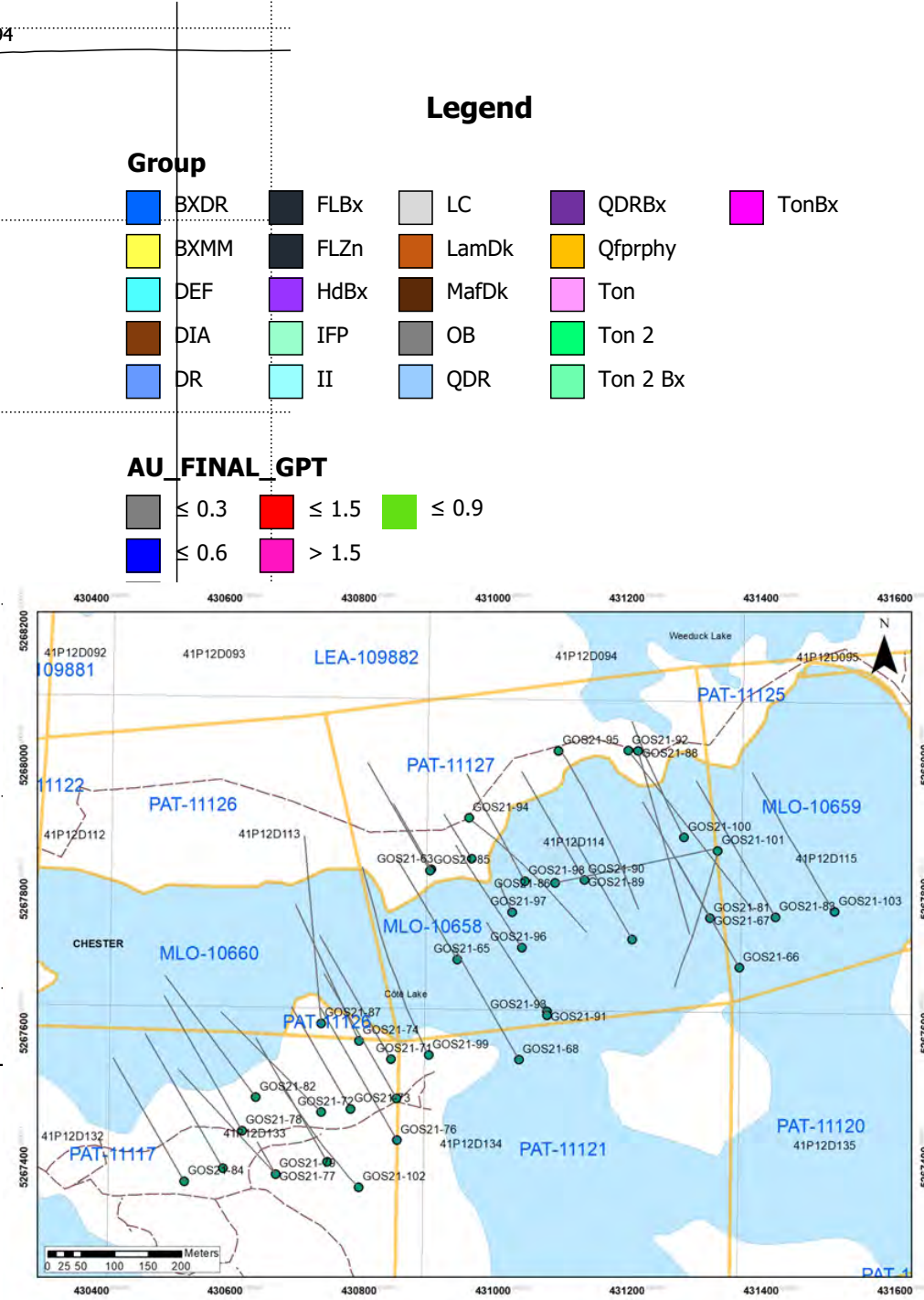


A

GOS21-69, GOS21-86, GOS21-89, GOS21-90, GOS21-94

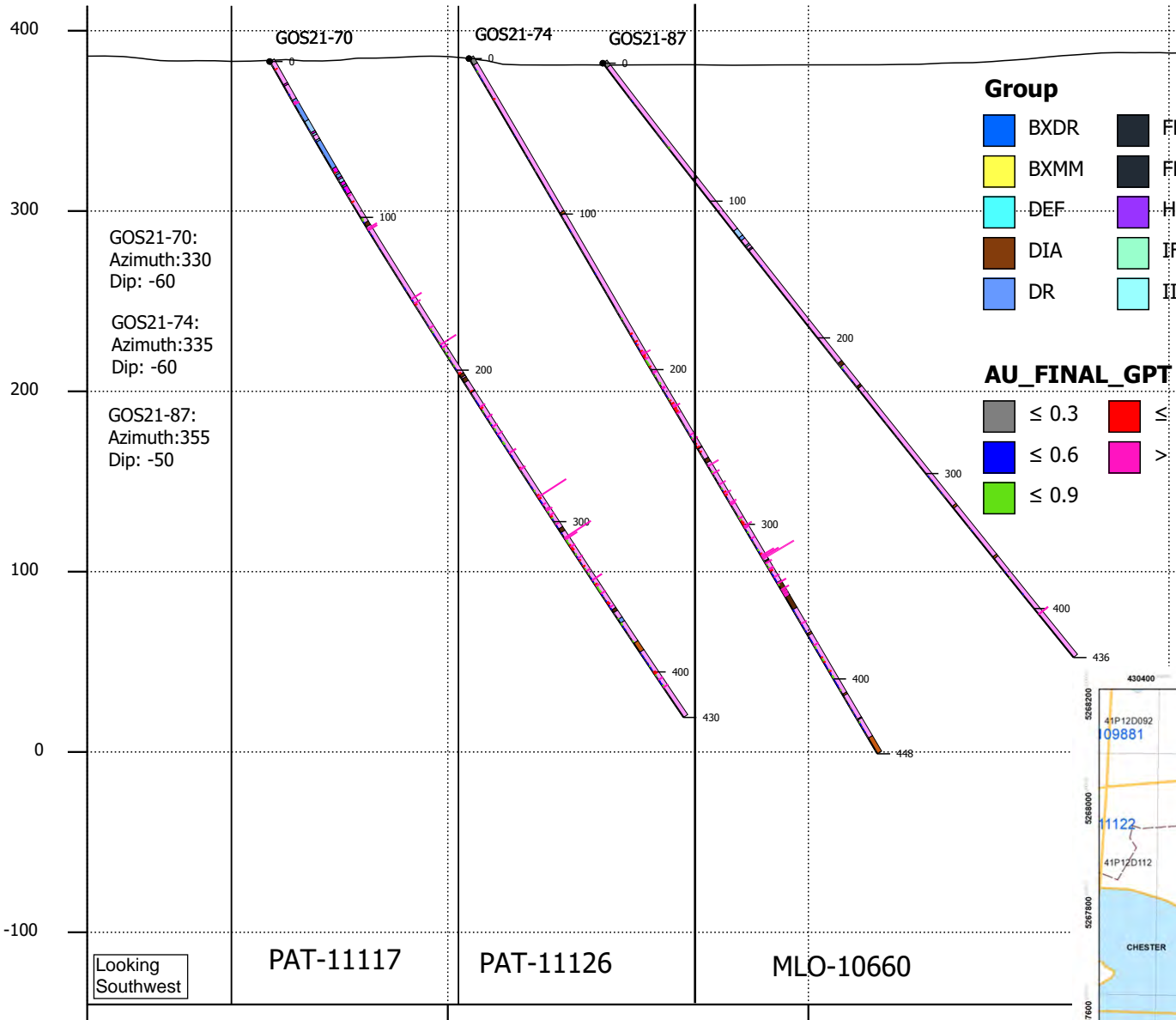


B



Scale: 1:3,600
 Vertical exaggeration: 1x
 A: 431234, 5267577
 B: 430955, 5268120

A GOS21-70, GOS21-74, GOS21-87



GOS21-70:
Azimuth:330
Dip: -60

GOS21-74:
Azimuth:335
Dip: -60

GOS21-87:
Azimuth:355
Dip: -50

Looking
Southwest

PAT-11117 PAT-11126 MLO-10660

x: 430879 x: 430787 x: 430695
y: 5267394 y: 5267572 y: 5267750

Location

A: 430879, 5267394

B: 430599, 5267936

B

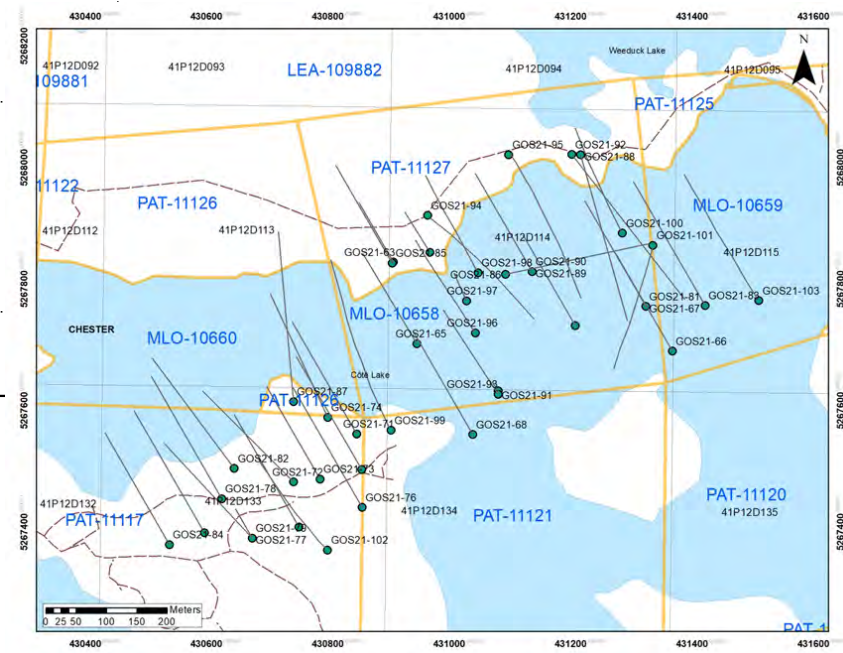
Legend

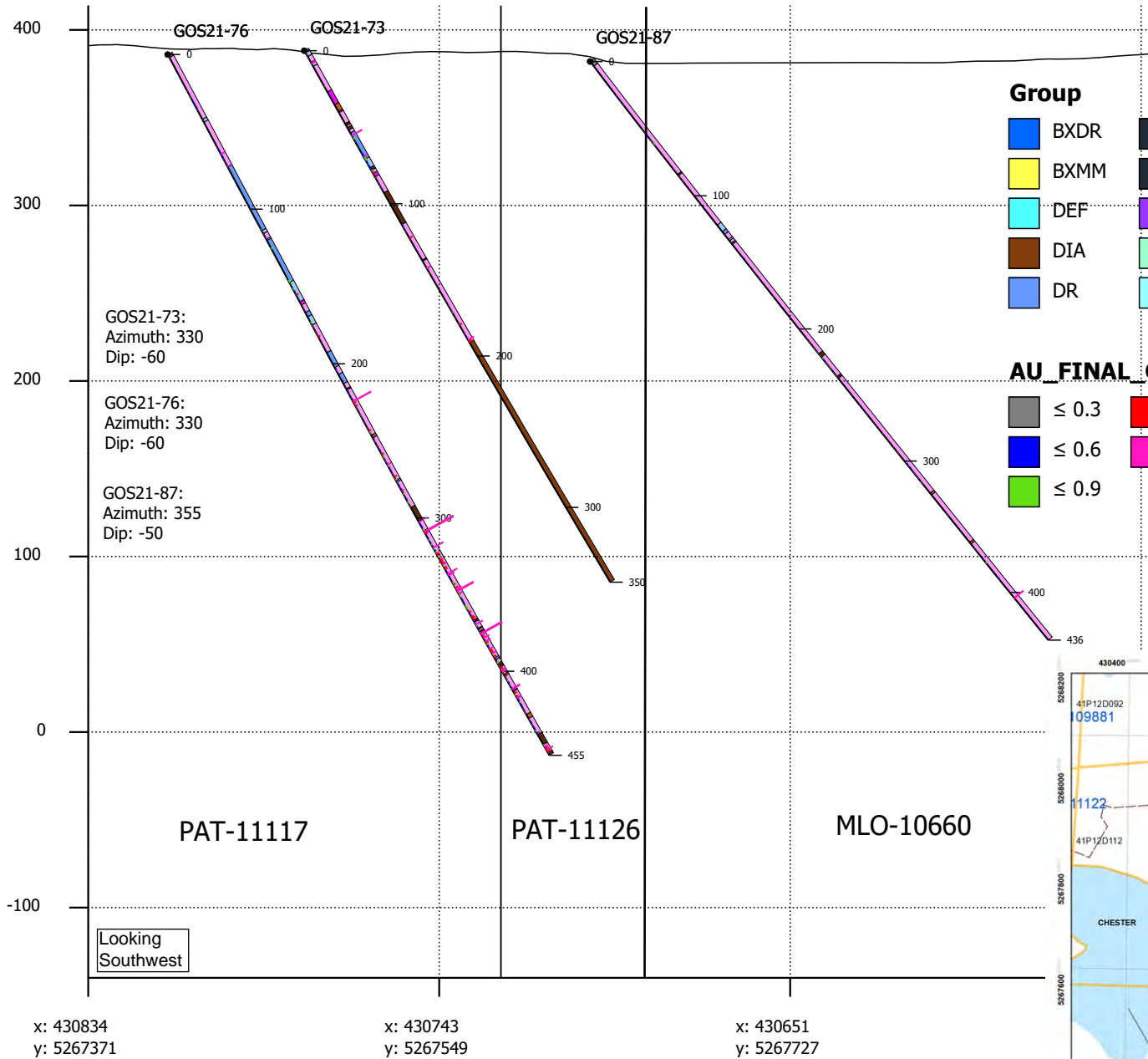
Group

- | | | | | |
|------------------------------------------|---------------------------------------------|--------------------------------------------|--------------------------------------------------|--------------------------------------------|
| ■ BXDR | ■ FLBx | ■ LC | ■ QDRBx | ■ TonBx |
| ■ BXMM | ■ FLZn | ■ LamDk | ■ Qfprphy | |
| ■ DEF | ■ HdBx | ■ MafDk | ■ Ton | |
| ■ DIA | ■ IFP | ■ OB | ■ Ton 2 | |
| ■ DR | ■ II | ■ QDR | ■ Ton 2 Bx | |

AU_FINAL_GPT

- | | |
|----------------------------------------------|--------------------------------------------|
| ■ ≤ 0.3 | ■ ≤ 1.5 |
| ■ ≤ 0.6 | ■ > 1.5 |
| ■ ≤ 0.9 | |



A**GOS21-73, GOS21-76, GOS21-87****B**

PAT-11117

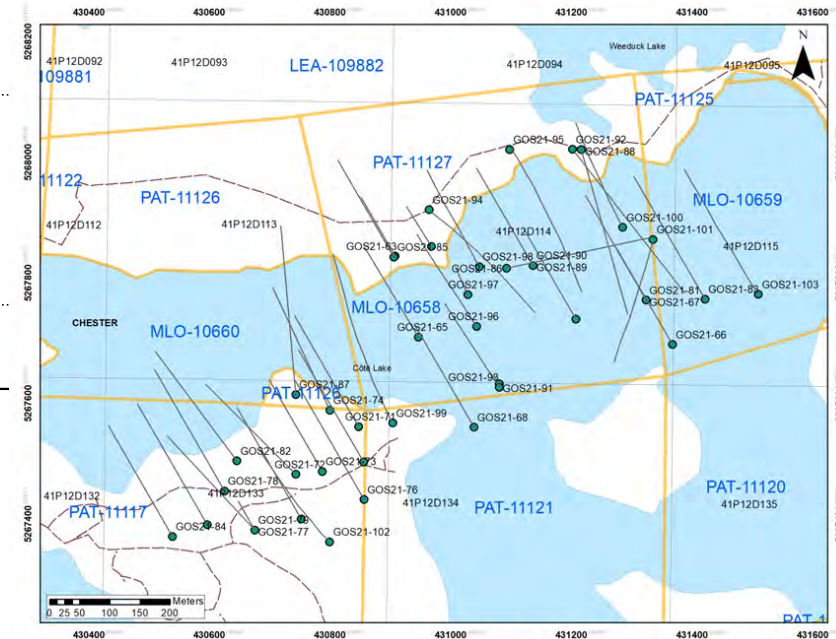
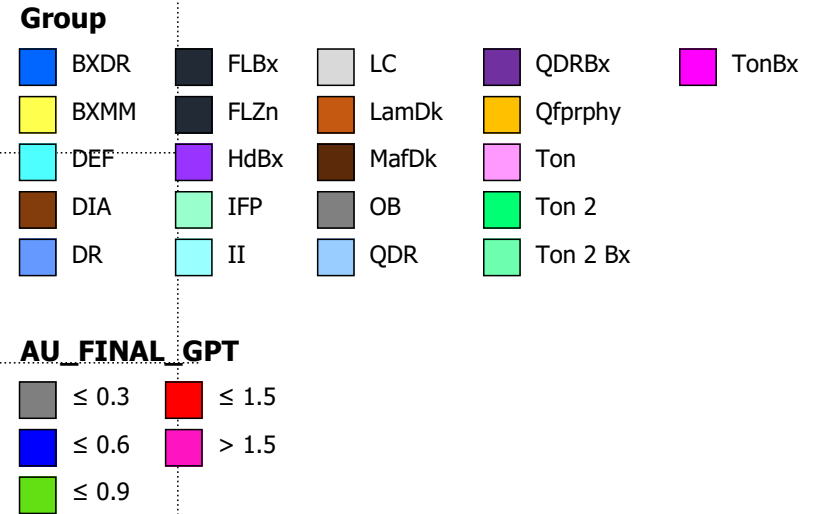
PAT-11126

MLO-10660

Location

A: 430834, 5267371

B: 430555, 5267914

Legend

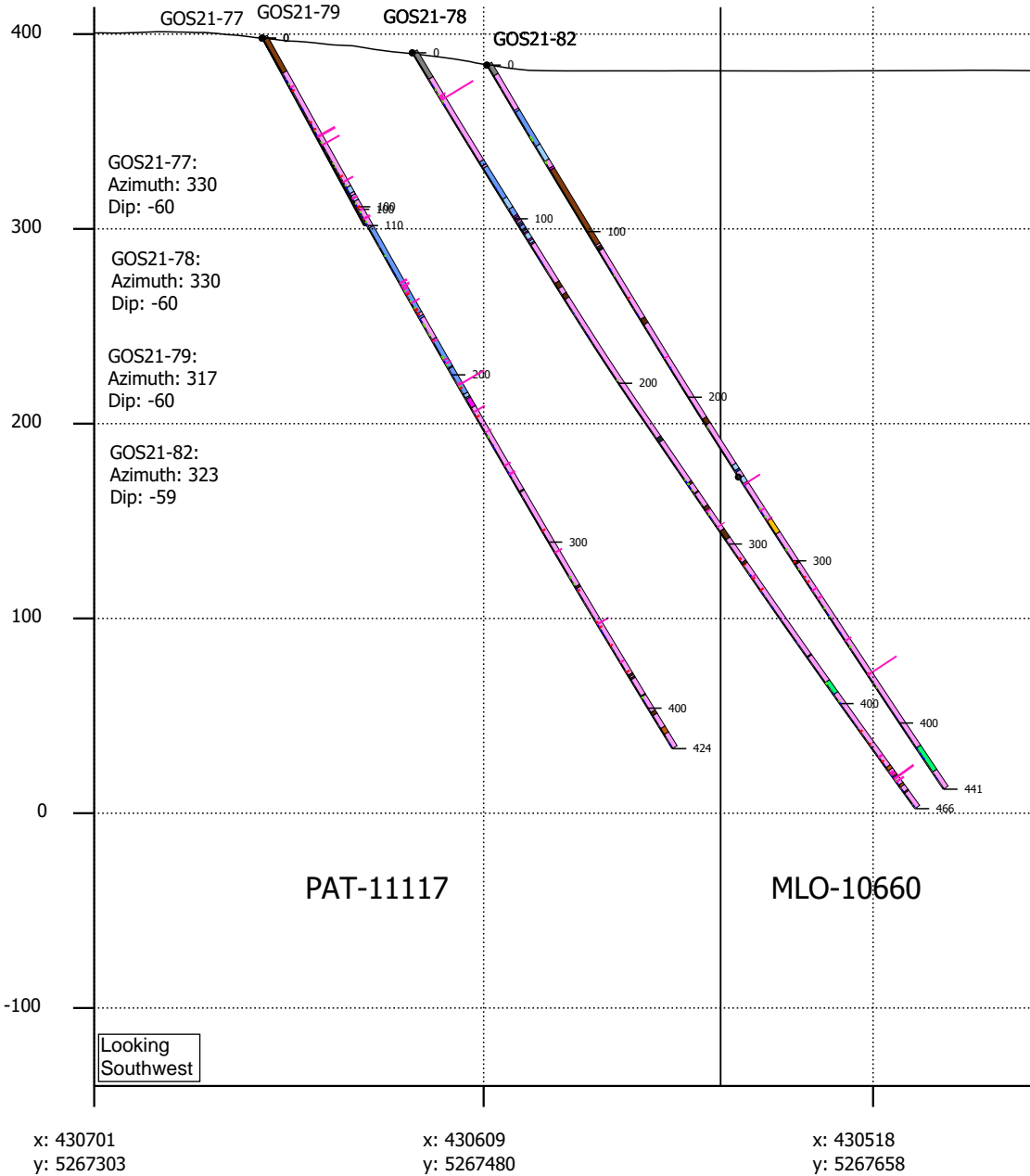
0m

200m

Scale: 1:3,600

Vertical exaggeration: 1x

A GOS21-77, GOS21-78, GOS21-79, GOS21-82



x: 430701
y: 5267303

x: 430609
y: 5267480

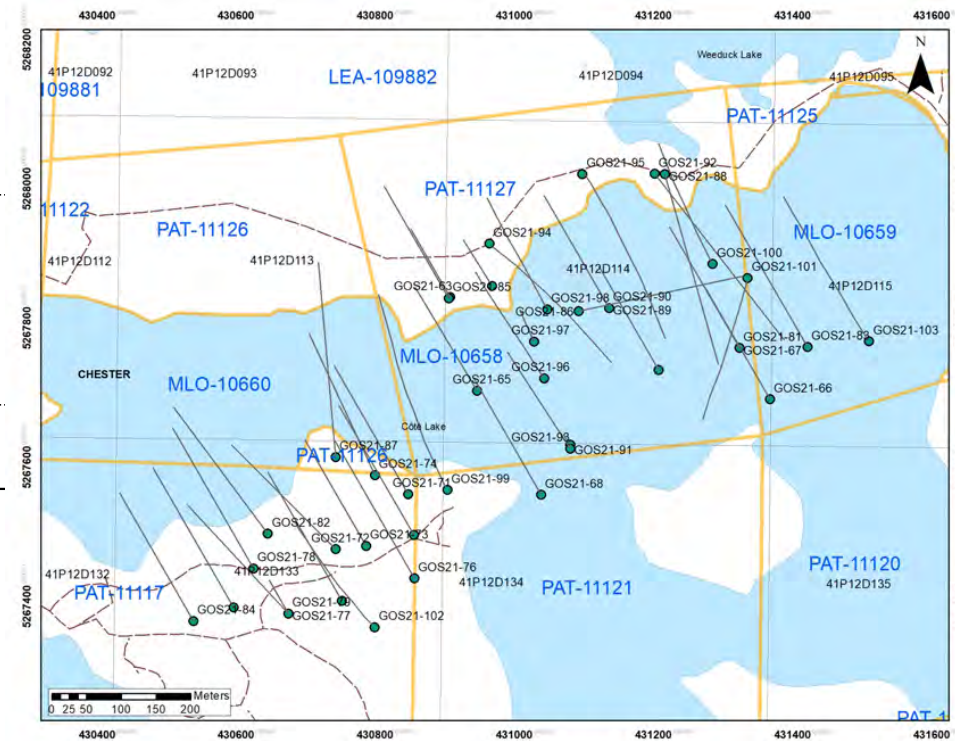
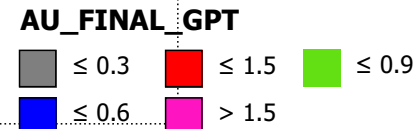
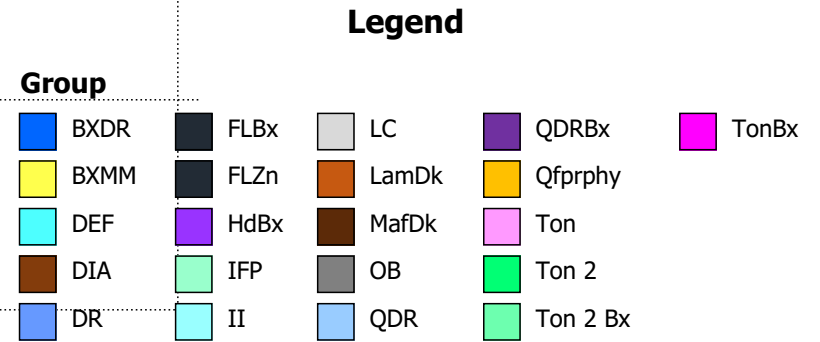
x: 430518
y: 5267658

Location

A: 430701, 5267303

B: 430421, 5267845

B



0m

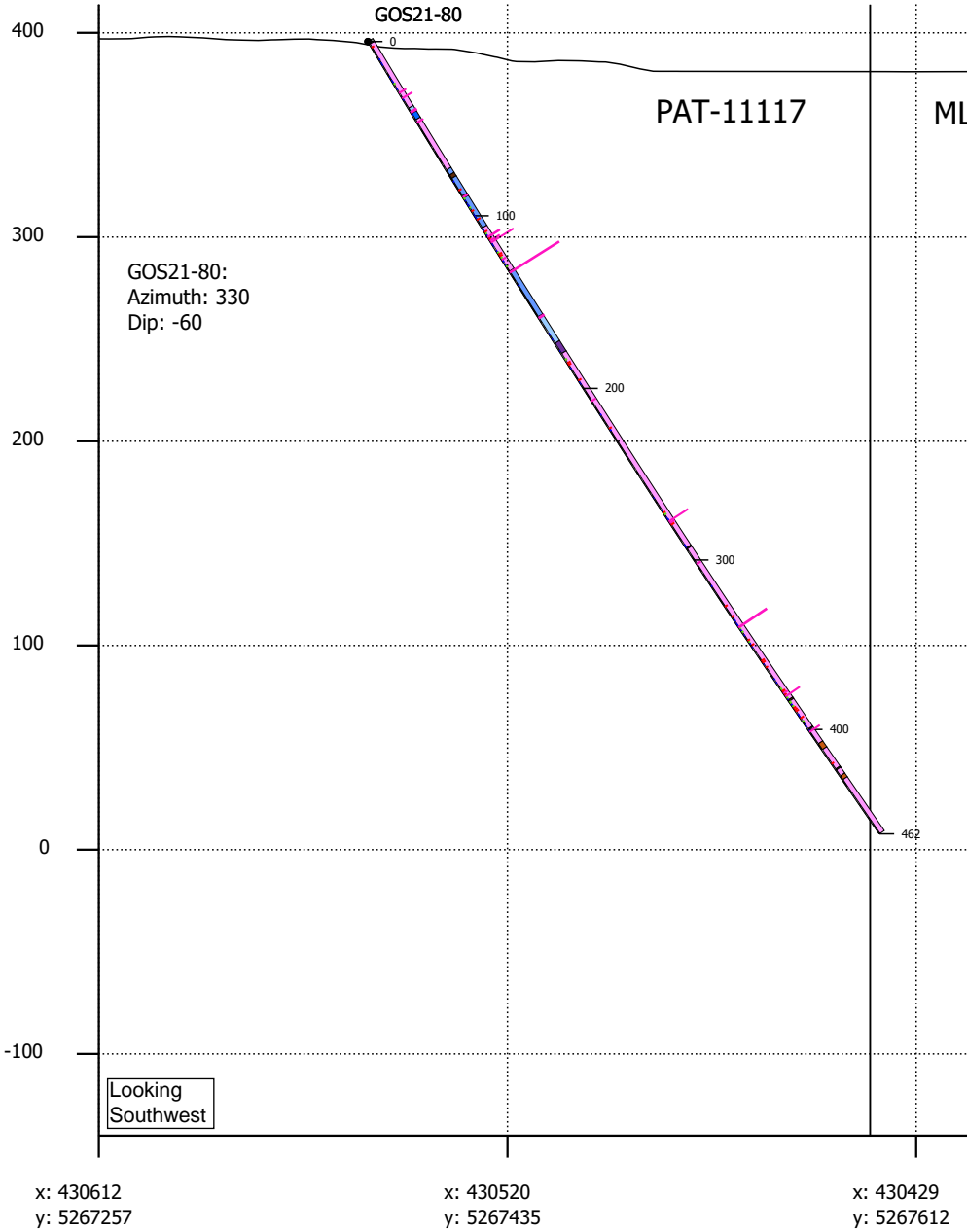
200m

Scale: 1:3,600

Vertical exaggeration: 1x

A

GOS21-80



Location

200m

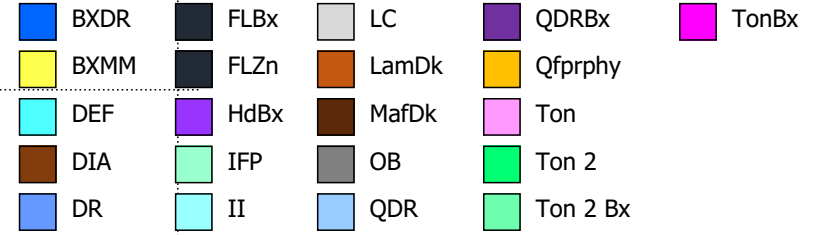
Scale: 1:3,600

A: 430612, 5267257

B: 430333, 5267799

B

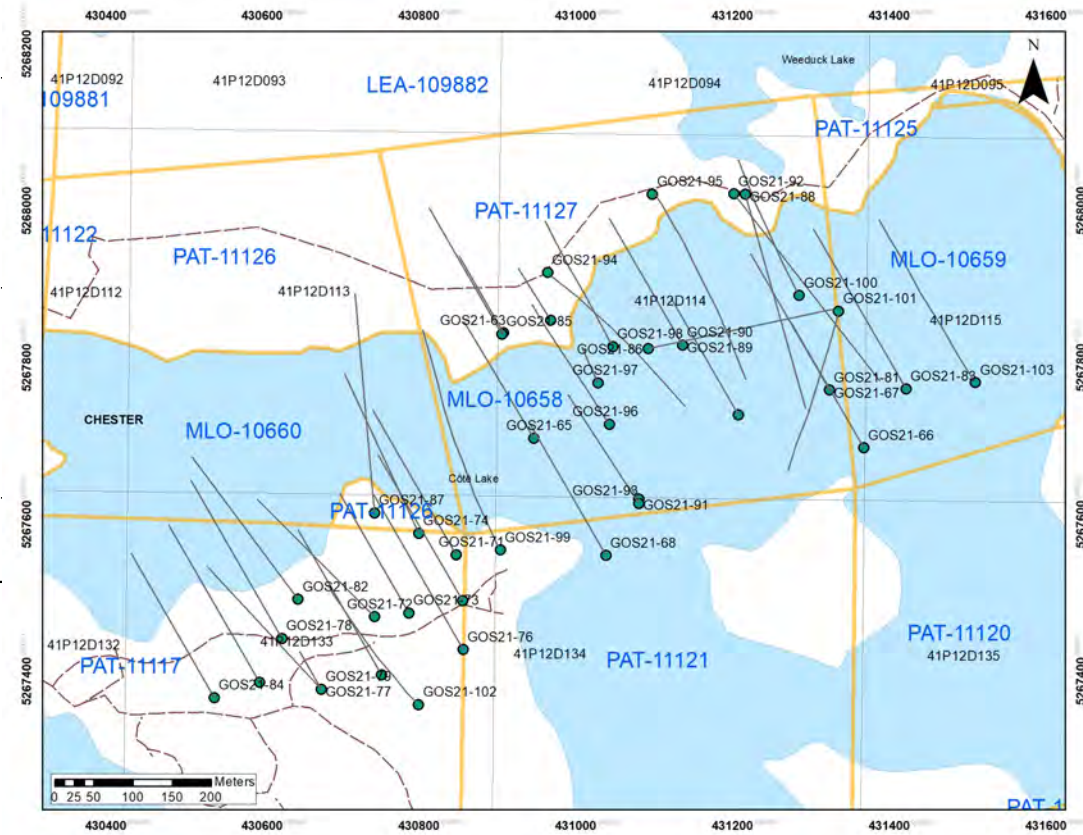
Group



AU_FINAL_GPT

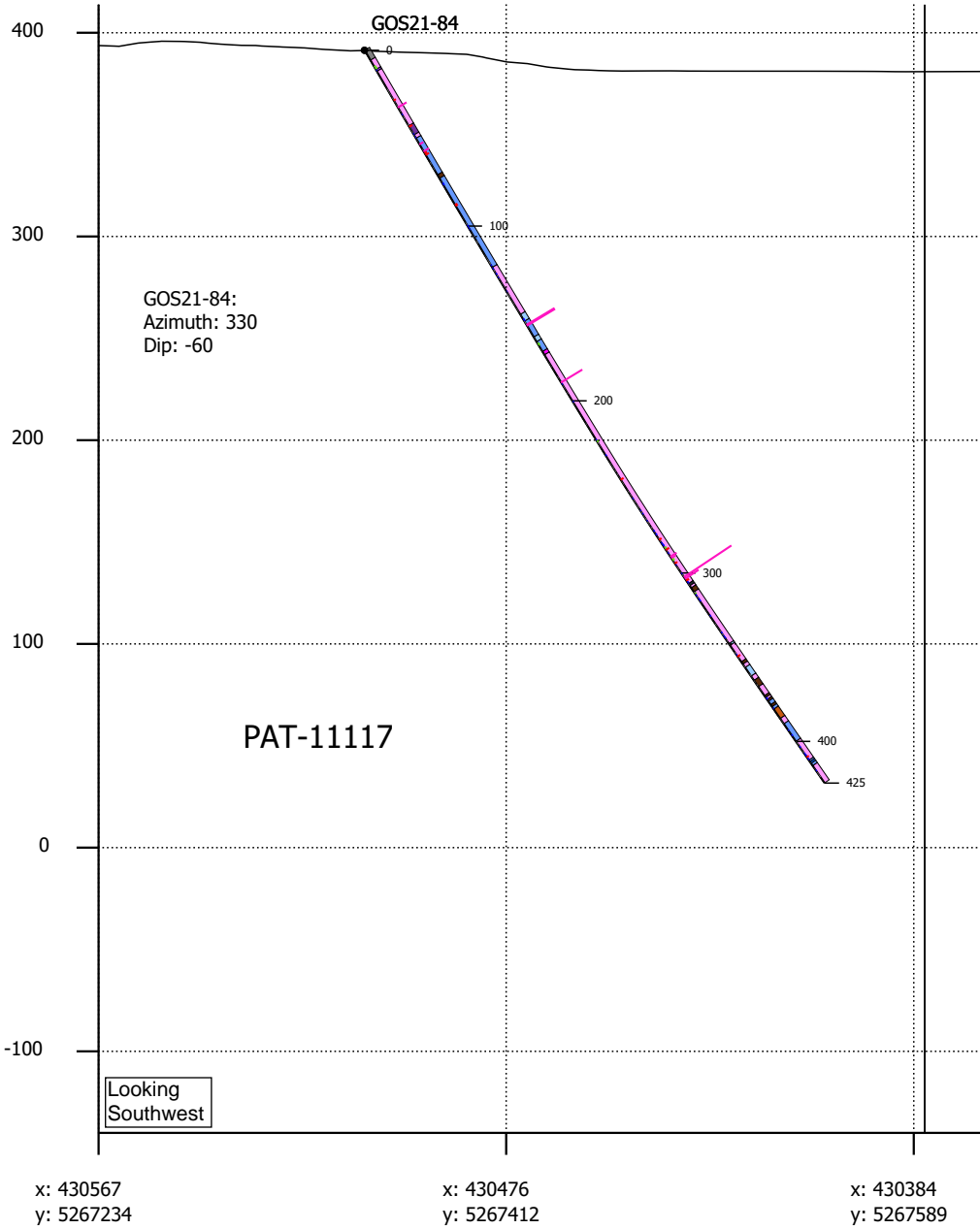


Legend

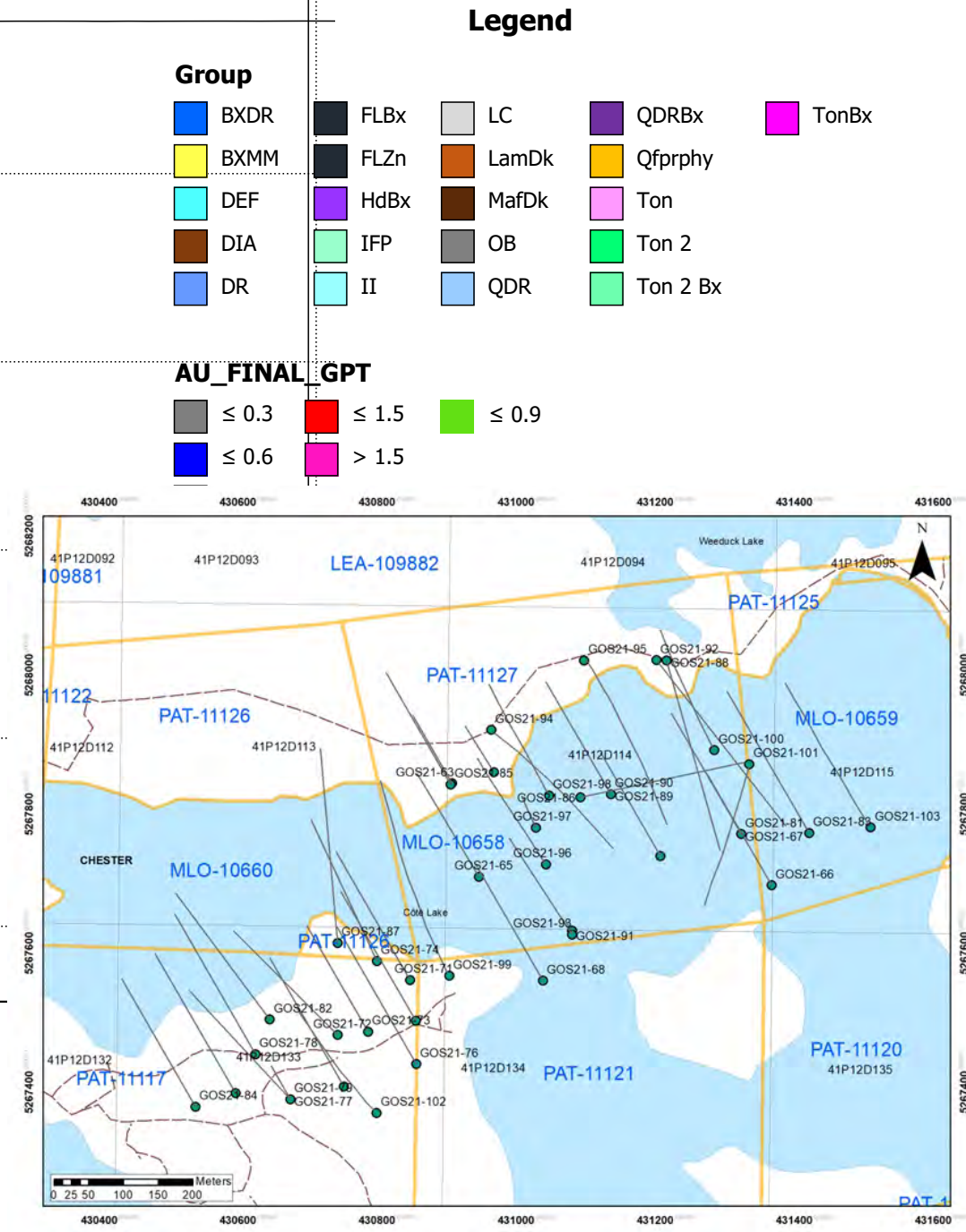


A

GOS21-84



B



Location

A: 430567, 5267234

B: 430288, 5267776

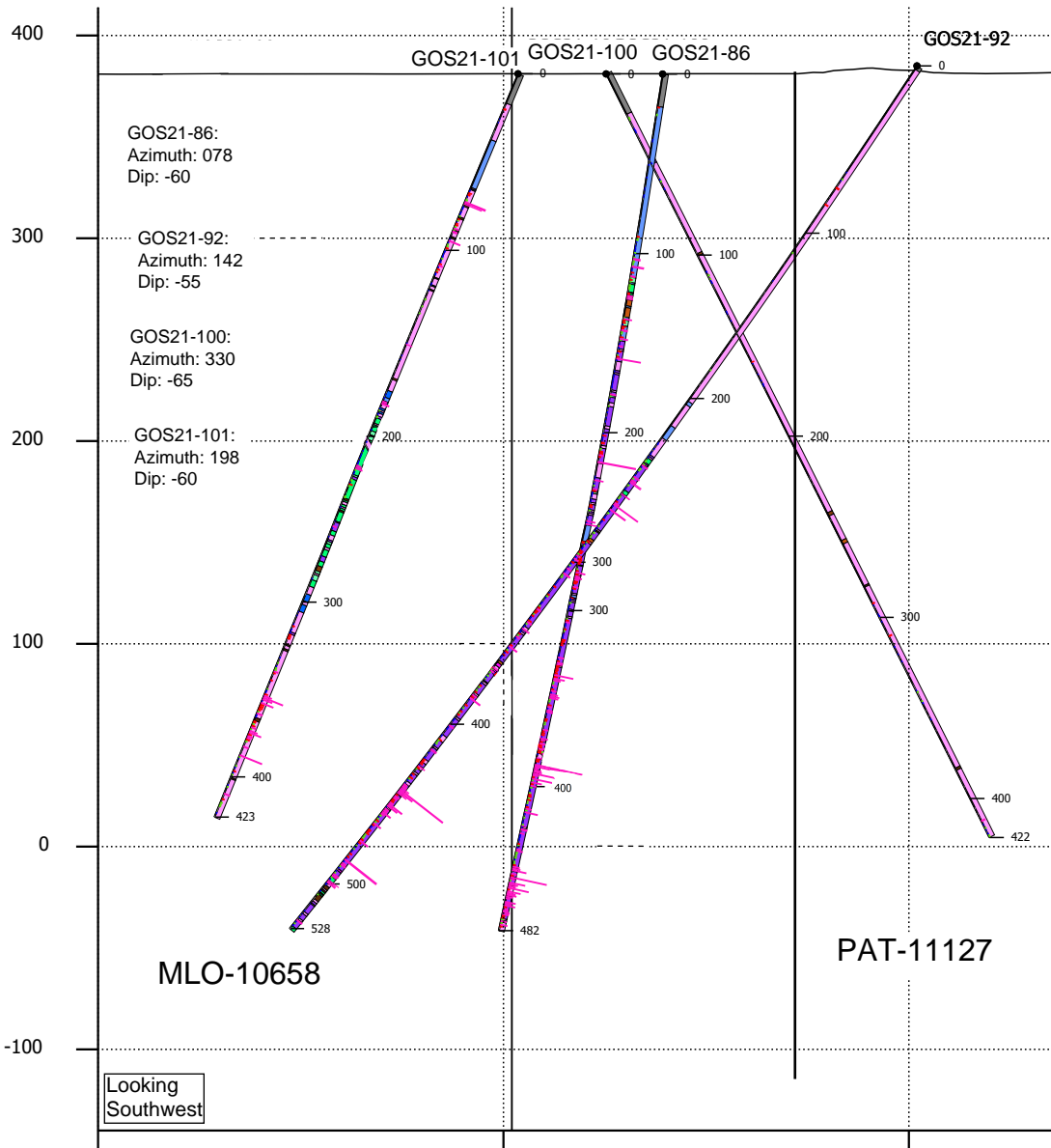


Vertical exaggeration: 1x

Scale: 1:3,600

A

GOS21-86, GOS21-92, GOS21-100, GOS21-101



x: 431412 y: 5267669 x: 431320 y: 5267847 x: 431229 y: 5268024

Location

A: 431412, 5267669

B: 431133, 5268211



Scale: 1:3,600
Vertical exaggeration: 1x

B

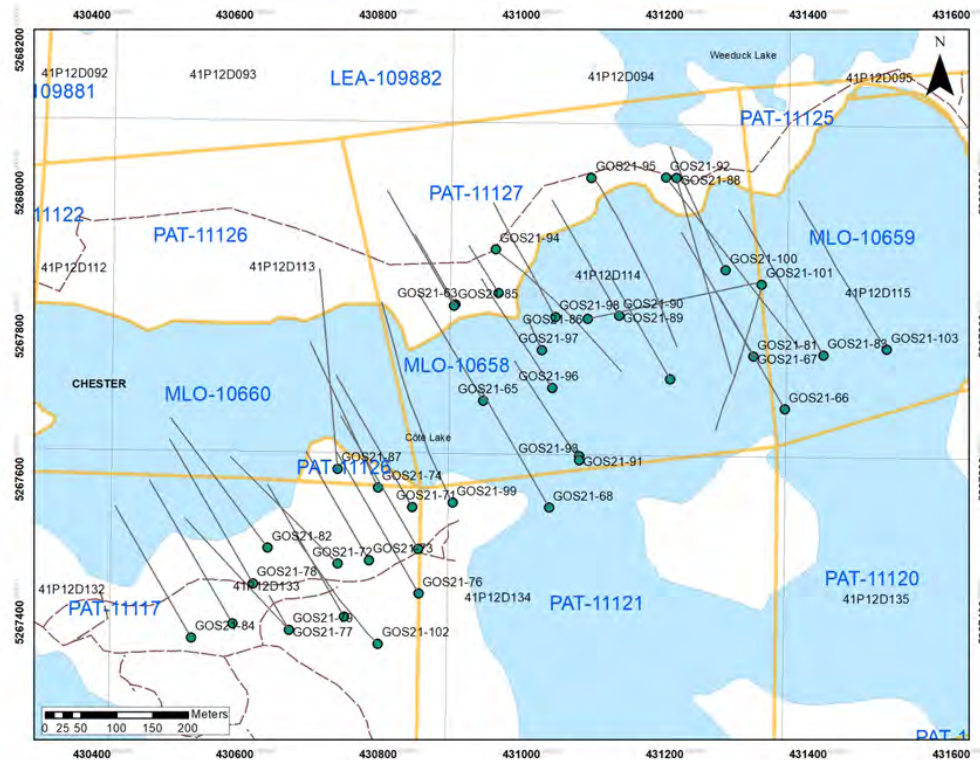
Legend

Group

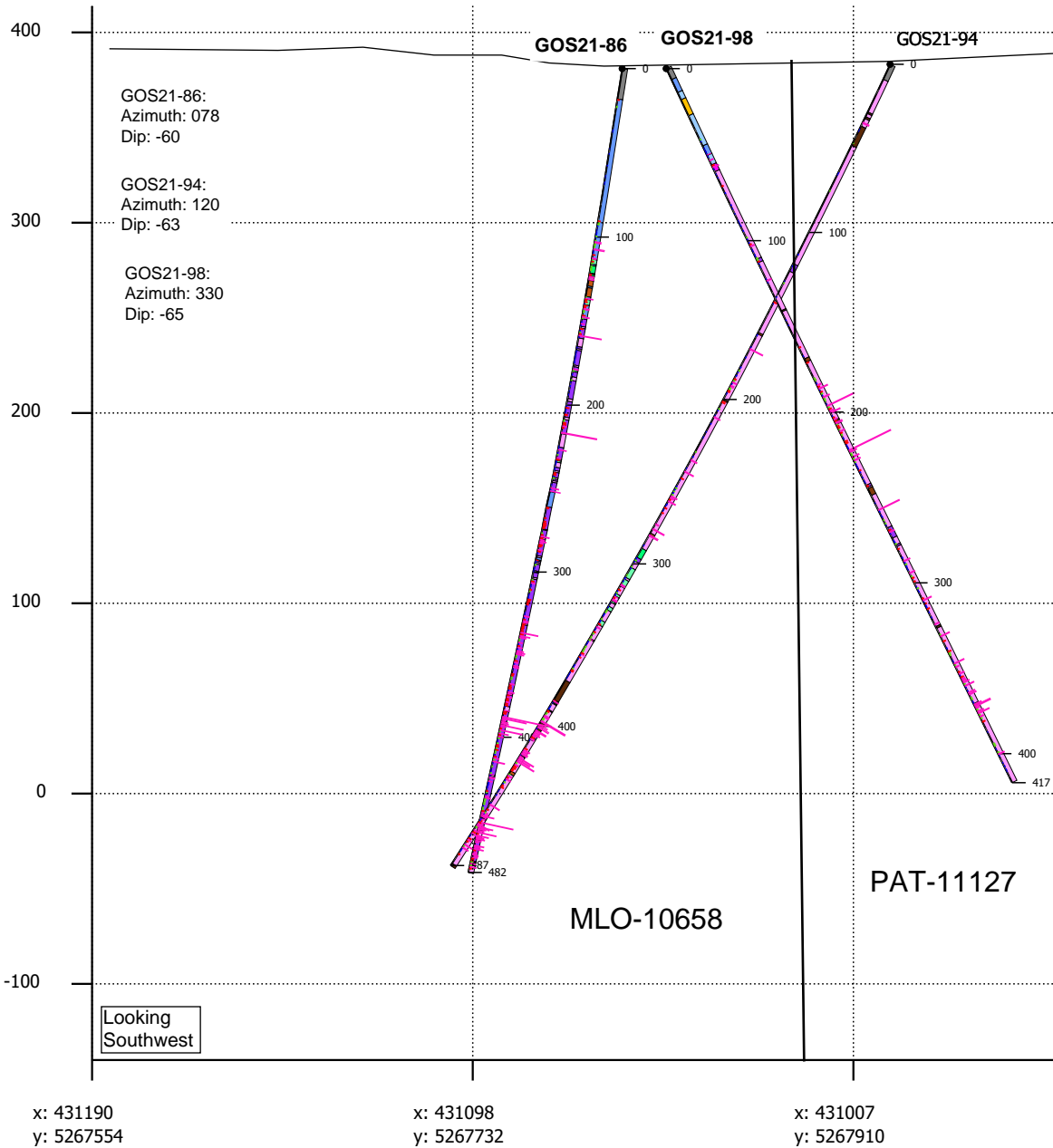
- | | | | | |
|--------------------------------------------|-----------------------------------------------|----------------------------------------------|-----------------------------------------------|----------------------------------------------|
| ■ BXDR | ■ FLBx | ■ LC | ■ QDRBx | ■ TonBx |
| ■ BXMM | ■ FLZn | ■ LamDk | ■ Qfprphy | |
| ■ DEF | ■ HdBx | ■ MafDk | ■ Ton | |
| ■ DIA | ■ IFP | ■ OB | ■ Ton 2 | |
| ■ DR | ■ II | ■ QDR | ■ Ton 2 Bx | |

AU_FINAL_GPT

- | | |
|--------------------------------------------|----------------------------------------------|
| ■ ≤ 0.3 | ■ ≤ 1.5 |
| ■ ≤ 0.6 | ■ > 1.5 |
| ■ ≤ 0.9 | |



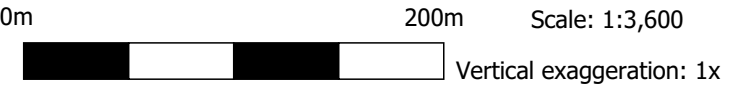
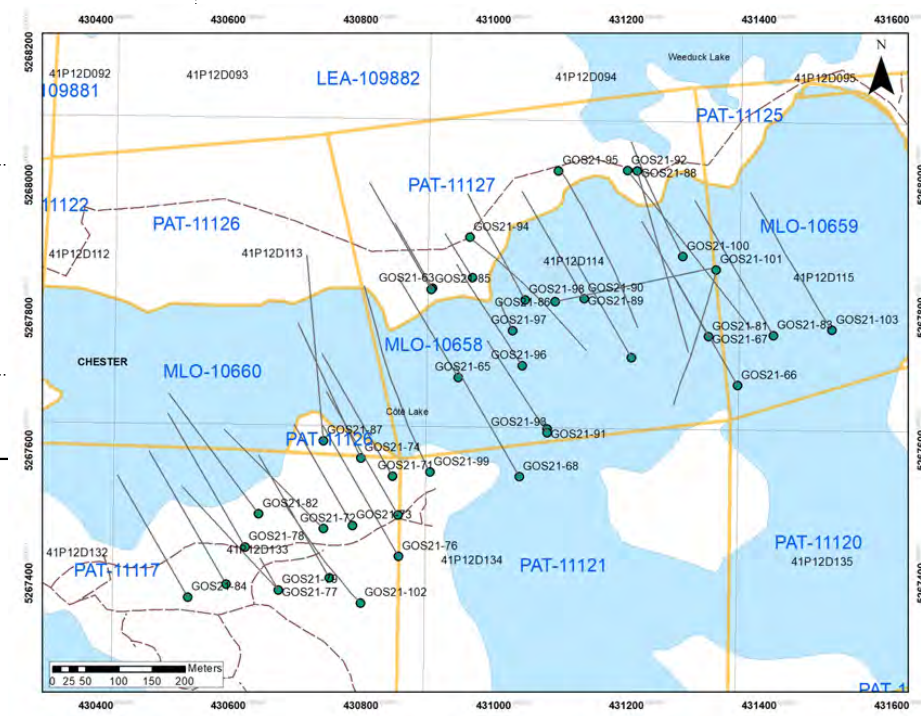
A GOS21-86, GOS21-94, GOS21-98



B Legend

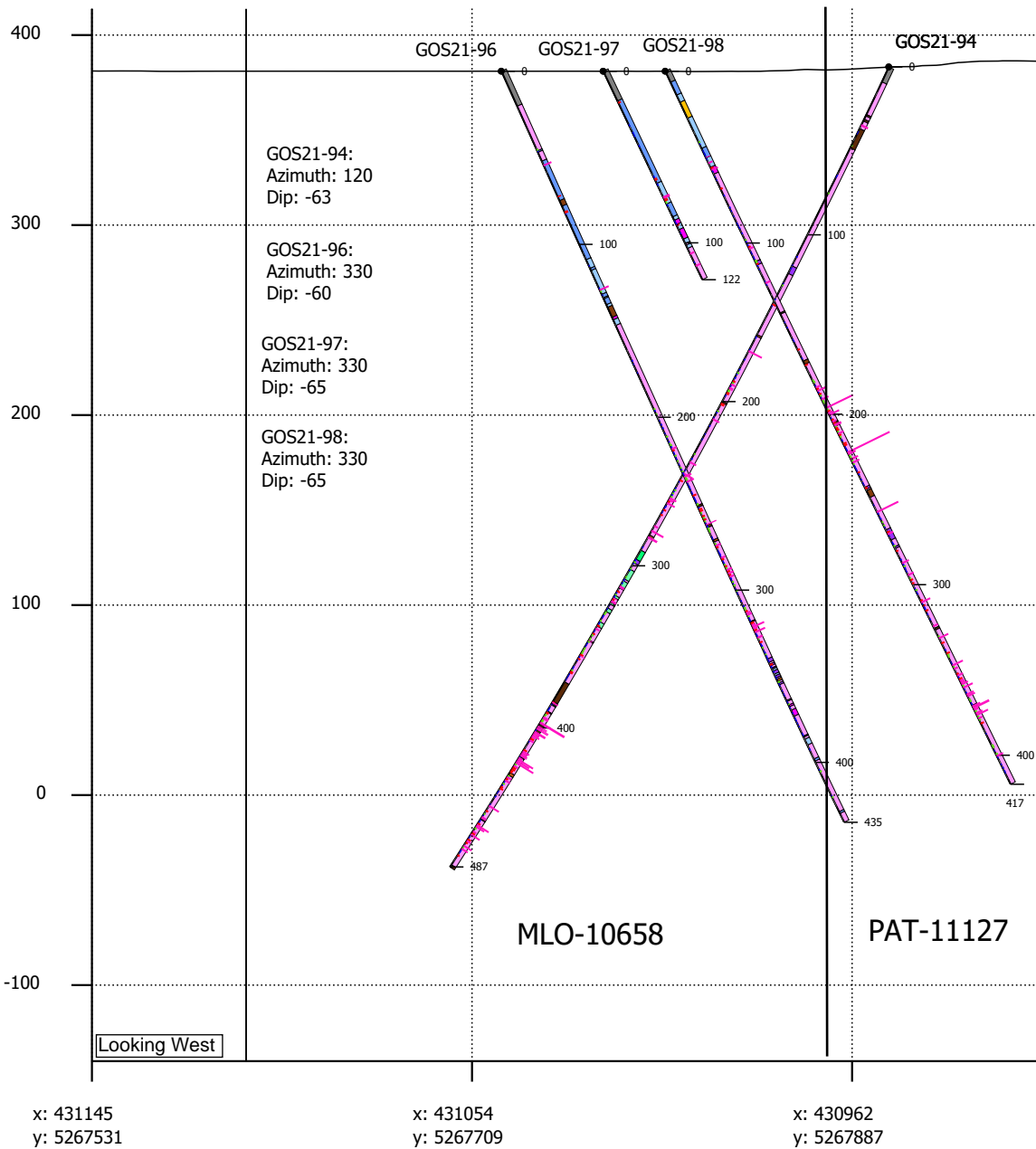
Group	
Blue	BXDR
Yellow	BXMM
Cyan	DEF
Brown	DIA
Light Blue	DR
Dark Grey	FLBx
Black	FLZn
Purple	HdBx
Light Green	IFP
Cyan	II
Light Grey	LC
Brown	LamDk
Dark Brown	MafDk
Grey	OB
Light Blue	QDR
Purple	QDRBx
Yellow	Qfprphy
Pink	Ton
Green	Ton 2
Light Green	Ton 2 Bx
Magenta	TonBx

AU_FINAL_GPT	
Grey	≤ 0.3
Blue	≤ 0.6
Green	≤ 0.9
Red	≤ 1.5
Magenta	> 1.5



A: 431190, 5267554
B: 430910, 5268097

A GOS21-94, GOS21-96, GOS21-97, GOS21-98

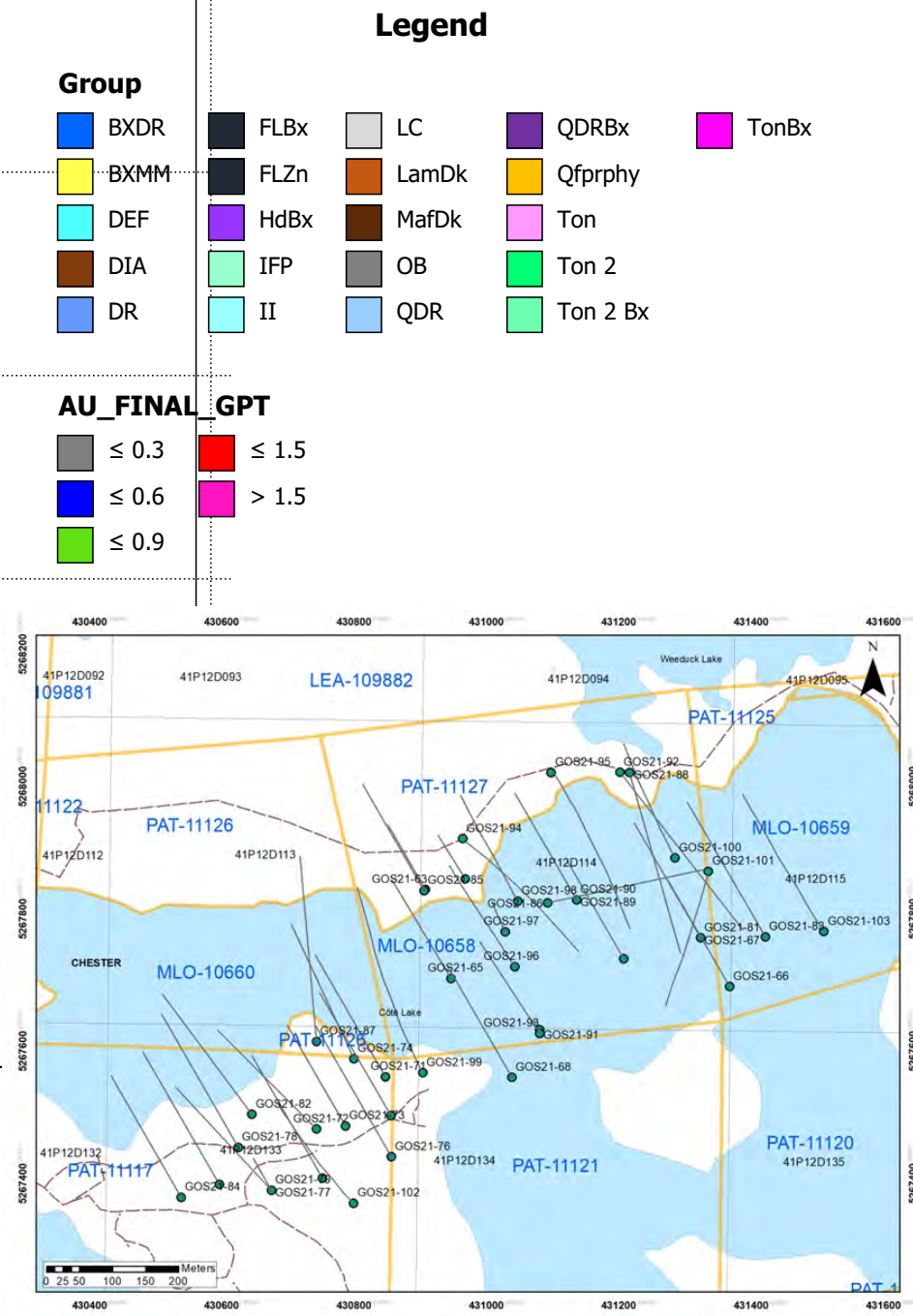


Location

A: 431145, 5267531

B: 430866, 5268074

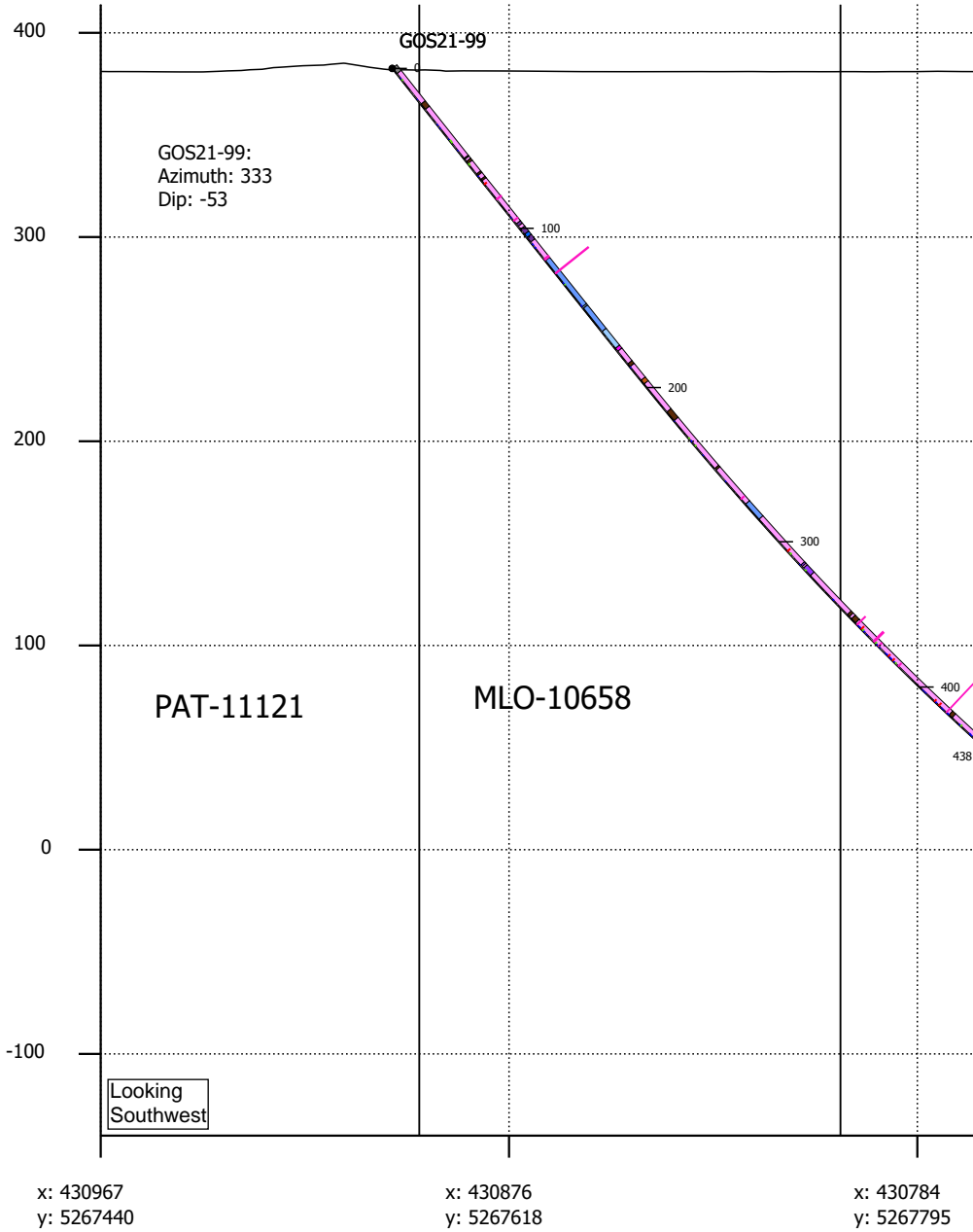
B



A

GOS21-99

B



Location

A: 430967, 5267440
B: 430688, 5267982

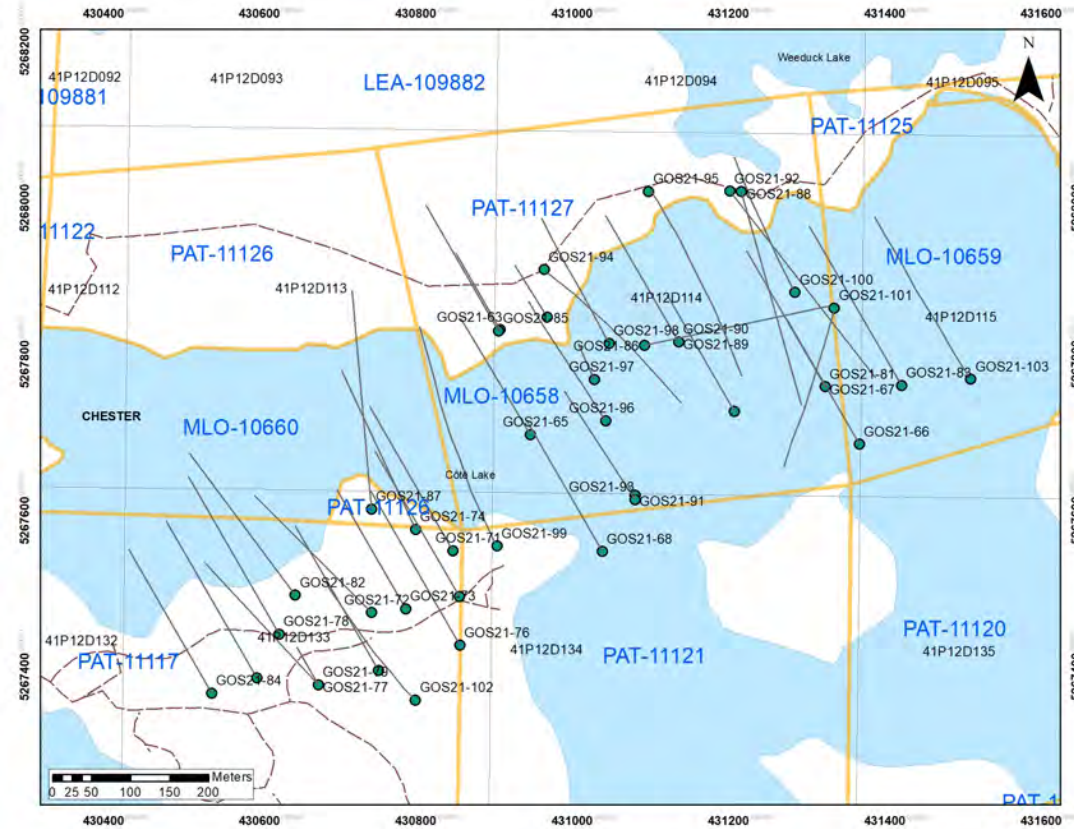
Legend

Group

- | | | | | |
|--------------------------------------------|-----------------------------------------------|----------------------------------------------|----------------------------------------------------|----------------------------------------------|
| ■ BXDR | ■ FLBx | ■ LC | ■ QDRBx | ■ TonBx |
| ■ BXMM | ■ FLZn | ■ LamDk | ■ Qfprphy | |
| ■ DEF | ■ HdBx | ■ MafDk | ■ Ton | |
| ■ DIA | ■ IFP | ■ OB | ■ Ton 2 | |
| ■ DR | ■ II | ■ QDR | ■ Ton 2 Bx | |

AU_FINAL_GPT

- | | | |
|-------------------------------------------|----------------------------------------------|--------------------------------------------|
| ■ ≤ 0.3 | ■ ≤ 1.5 | ■ ≤ 0.9 |
| ■ ≤ 0.6 | ■ > 1.5 | |



Appendix E:
QA/QC Charts

Hole_ID	QC_Sample	QC_Type	AU_FINAL	UCL
GOS21-63	254024	Blank	0.005	0.1
GOS21-63	254031	Blank	0.005	0.1
GOS21-63	254048	Blank	0.005	0.1
GOS21-63	254072	Blank	0.005	0.1
GOS21-63	254096	Blank	0.005	0.1
GOS21-63	254124	Blank	0.005	0.1
GOS21-63	254148	Blank	0.005	0.1
GOS21-63	254172	Blank	0.005	0.1
GOS21-63	254196	Blank	0.032	0.1
GOS21-63	254207	Blank	0.005	0.1
GOS21-63	254224	Blank	0.005	0.1
GOS21-63	254248	Blank	0.005	0.1
GOS21-63	254272	Blank	0.005	0.1
GOS21-64	262024	Blank	0.005	0.1
GOS21-64	262048	Blank	0.005	0.1
GOS21-64	262072	Blank	0.005	0.1
GOS21-64	262074	Blank	0.005	0.1
GOS21-64	262096	Blank	0.005	0.1
GOS21-64	262124	Blank	0.005	0.1
GOS21-64	262148	Blank	0.005	0.1
GOS21-65	432024	Blank	0.005	0.1
GOS21-65	1078560	Blank	0.005	0.1
GOS21-65	1078572	Blank	0.005	0.1
GOS21-65	1078596	Blank	0.005	0.1
GOS21-65	1078624	Blank	0.005	0.1
GOS21-65	1078648	Blank	0.005	0.1
GOS21-65	1078672	Blank	0.005	0.1
GOS21-65	1078696	Blank	0.005	0.1
GOS21-65	1078724	Blank	0.005	0.1
GOS21-65	1078748	Blank	0.005	0.1
GOS21-65	1078772	Blank	0.005	0.1
GOS21-65	1078796	Blank	0.005	0.1
GOS21-65	1078824	Blank	0.005	0.1
GOS21-65	1078848	Blank	0.005	0.1
GOS21-65	1078872	Blank	0.005	0.1
GOS21-65	1078896	Blank	0.008	0.1
GOS21-65	1078924	Blank	0.005	0.1
GOS21-65	1078948	Blank	0.005	0.1
GOS21-65	1078972	Blank	0.005	0.1
GOS21-65	1078996	Blank	0.005	0.1
GOS21-66	432048	Blank	0.005	0.1
GOS21-66	432072	Blank	0.005	0.1
GOS21-66	432084	Blank	0.005	0.1
GOS21-66	432096	Blank	0.005	0.1
GOS21-66	432124	Blank	0.005	0.1
GOS21-66	432148	Blank	0.005	0.1
GOS21-66	432172	Blank	0.005	0.1
GOS21-66	432196	Blank	0.005	0.1
GOS21-66	432224	Blank	0.005	0.1
GOS21-66	432248	Blank	0.005	0.1
GOS21-66	432272	Blank	0.005	0.1
GOS21-66	432296	Blank	0.005	0.1
GOS21-66	432324	Blank	0.005	0.1
GOS21-66	432348	Blank	0.005	0.1
GOS21-66	432372	Blank	0.005	0.1

GOS21-66	432396	Blank	0.005	0.1
GOS21-66	432424	Blank	0.005	0.1
GOS21-66	432442	Blank	0.006	0.1
GOS21-66	432445	Blank	0.005	0.1
GOS21-66	432448	Blank	0.006	0.1
GOS21-66	432453	Blank	0.007	0.1
GOS21-66	432464	Blank	0.006	0.1
GOS21-66	432467	Blank	0.005	0.1
GOS21-66	432469	Blank	0.005	0.1
GOS21-66	432471	Blank	0.005	0.1
GOS21-66	432474	Blank	0.005	0.1
GOS21-66	432479	Blank	0.019	0.1
GOS21-66	432494	Blank	0.005	0.1
GOS21-66	432496	Blank	0.005	0.1
GOS21-67	438024	Blank	0.005	0.1
GOS21-67	438048	Blank	0.005	0.1
GOS21-67	438072	Blank	0.005	0.1
GOS21-67	438096	Blank	0.005	0.1
GOS21-67	438124	Blank	0.005	0.1
GOS21-67	438148	Blank	0.005	0.1
GOS21-68	431024	Blank	0.005	0.1
GOS21-68	431048	Blank	0.005	0.1
GOS21-68	431072	Blank	0.005	0.1
GOS21-68	431096	Blank	0.007	0.1
GOS21-68	431124	Blank	0.005	0.1
GOS21-68	431139	Blank	0.005	0.1
GOS21-68	431148	Blank	0.005	0.1
GOS21-68	438172	Blank	0.006	0.1
GOS21-68	438196	Blank	0.005	0.1
GOS21-68	438224	Blank	0.005	0.1
GOS21-68	438248	Blank	0.005	0.1
GOS21-68	438272	Blank	0.005	0.1
GOS21-68	438296	Blank	0.005	0.1
GOS21-68	438324	Blank	0.005	0.1
GOS21-68	438348	Blank	0.005	0.1
GOS21-68	438372	Blank	0.005	0.1
GOS21-68	438396	Blank	0.005	0.1
GOS21-68	438424	Blank	0.005	0.1
GOS21-68	438448	Blank	0.005	0.1
GOS21-68	438472	Blank	0.005	0.1
GOS21-68	438496	Blank	0.005	0.1
GOS21-69	432524	Blank	0.005	0.1
GOS21-69	432548	Blank	0.005	0.1
GOS21-69	432572	Blank	0.005	0.1
GOS21-69	432596	Blank	0.005	0.1
GOS21-69	432624	Blank	0.005	0.1
GOS21-69	432648	Blank	0.005	0.1
GOS21-69	432672	Blank	0.005	0.1
GOS21-69	432696	Blank	0.005	0.1
GOS21-69	432724	Blank	0.005	0.1
GOS21-69	432748	Blank	0.005	0.1
GOS21-69	432772	Blank	0.005	0.1
GOS21-69	432796	Blank	0.005	0.1
GOS21-69	432824	Blank	0.005	0.1
GOS21-69	432833	Blank	0.005	0.1
GOS21-69	432845	Blank	0.005	0.1

GOS21-69	432848	Blank	0.005	0.1
GOS21-69	432855	Blank	0.010	0.1
GOS21-69	432872	Blank	0.005	0.1
GOS21-69	432896	Blank	0.005	0.1
GOS21-70	254324	Blank	0.005	0.1
GOS21-70	254348	Blank	0.005	0.1
GOS21-70	254372	Blank	0.005	0.1
GOS21-70	254396	Blank	0.005	0.1
GOS21-70	254424	Blank	0.005	0.1
GOS21-70	254448	Blank	0.005	0.1
GOS21-70	254472	Blank	0.005	0.1
GOS21-70	254496	Blank	0.005	0.1
GOS21-70	432924	Blank	0.221	0.1
GOS21-70	432948	Blank	0.005	0.1
GOS21-70	432972	Blank	0.005	0.1
GOS21-70	432996	Blank	0.005	0.1
GOS21-70	436512	Blank	0.006	0.1
GOS21-70	436524	Blank	0.006	0.1
GOS21-70	436548	Blank	0.005	0.1
GOS21-70	436572	Blank	0.005	0.1
GOS21-70	436596	Blank	0.005	0.1
GOS21-70	436603	Blank	0.005	0.1
GOS21-70	436616	Blank	0.005	0.1
GOS21-70	436624	Blank	0.005	0.1
GOS21-70	436632	Blank	0.005	0.1
GOS21-70	436648	Blank	0.005	0.1
GOS21-70	436666	Blank	0.005	0.1
GOS21-70	436672	Blank	0.005	0.1
GOS21-70	436696	Blank	0.005	0.1
GOS21-71	435024	Blank	0.005	0.1
GOS21-71	435048	Blank	0.005	0.1
GOS21-71	435072	Blank	0.005	0.1
GOS21-71	435096	Blank	1.605	0.1
GOS21-71	435124	Blank	0.005	0.1
GOS21-71	435148	Blank	0.005	0.1
GOS21-71	435172	Blank	0.005	0.1
GOS21-71	435196	Blank	0.006	0.1
GOS21-71	435224	Blank	0.005	0.1
GOS21-71	435248	Blank	0.005	0.1
GOS21-71	435272	Blank	0.005	0.1
GOS21-71	435296	Blank	0.005	0.1
GOS21-71	435324	Blank	0.005	0.1
GOS21-71	435348	Blank	0.005	0.1
GOS21-71	435372	Blank	0.005	0.1
GOS21-71	435396	Blank	0.005	0.1
GOS21-71	435424	Blank	0.005	0.1
GOS21-71	435448	Blank	0.005	0.1
GOS21-72	436724	Blank	0.005	0.1
GOS21-72	436748	Blank	0.005	0.1
GOS21-72	436772	Blank	0.005	0.1
GOS21-72	436796	Blank	0.005	0.1
GOS21-72	436824	Blank	0.005	0.1
GOS21-72	436848	Blank	0.005	0.1
GOS21-72	436872	Blank	0.005	0.1
GOS21-72	436896	Blank	0.005	0.1
GOS21-72	436924	Blank	0.005	0.1

GOS21-72	436948	Blank	0.005	0.1
GOS21-72	436972	Blank	0.005	0.1
GOS21-72	436996	Blank	0.005	0.1
GOS21-73	431172	Blank	0.005	0.1
GOS21-73	431196	Blank	0.005	0.1
GOS21-73	431224	Blank	0.005	0.1
GOS21-73	431248	Blank	0.005	0.1
GOS21-73	431272	Blank	0.005	0.1
GOS21-73	431296	Blank	0.005	0.1
GOS21-73	431324	Blank	0.005	0.1
GOS21-73	435472	Blank	0.005	0.1
GOS21-73	435496	Blank	0.005	0.1
GOS21-74	437024	Blank	0.005	0.1
GOS21-74	437048	Blank	0.005	0.1
GOS21-74	437072	Blank	0.005	0.1
GOS21-74	437096	Blank	0.005	0.1
GOS21-74	437124	Blank	0.005	0.1
GOS21-74	437148	Blank	0.005	0.1
GOS21-74	437172	Blank	0.005	0.1
GOS21-74	437196	Blank	0.005	0.1
GOS21-74	437224	Blank	0.005	0.1
GOS21-74	437248	Blank	0.005	0.1
GOS21-74	437272	Blank	0.005	0.1
GOS21-74	437296	Blank	0.005	0.1
GOS21-74	437314	Blank	0.005	0.1
GOS21-74	437322	Blank	0.005	0.1
GOS21-74	437324	Blank	0.005	0.1
GOS21-74	437348	Blank	0.005	0.1
GOS21-74	437352	Blank	0.468	0.1
GOS21-74	437354	Blank	0.005	0.1
GOS21-74	437365	Blank	0.005	0.1
GOS21-74	437367	Blank	0.006	0.1
GOS21-74	437372	Blank	0.005	0.1
GOS21-74	437375	Blank	0.005	0.1
GOS21-74	437396	Blank	0.005	0.1
GOS21-74	437424	Blank	0.005	0.1
GOS21-74	437448	Blank	0.005	0.1
GOS21-74	437472	Blank	0.005	0.1
GOS21-74	437496	Blank	0.005	0.1
GOS21-74	437524	Blank	0.005	0.1
GOS21-75	440024	Blank	0.005	0.1
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GOS21-101	442996	Blank	0.01	0.1
GOS21-101	443024	Blank	0.01	0.1
GOS21-101	443048	Blank	0.01	0.1
GOS21-101	443072	Blank	0.01	0.1
GOS21-101	443096	Blank	0.01	0.1
GOS21-101	443283	Blank	0.01	0.1
GOS21-101	443148	Blank	0.01	0.1
GOS21-101	443172	Blank	0.01	0.1
GOS21-101	443196	Blank	0.01	0.1
GOS21-101	443224	Blank	0.01	0.1
GOS21-101	443248	Blank	0.01	0.1
GOS21-101	443272	Blank	0.01	0.1
GOS21-102	446582	Blank	0.01	0.1
GOS21-102	446512	Blank	0.01	0.1
GOS21-102	446524	Blank	0.01	0.1
GOS21-102	446548	Blank	0.01	0.1
GOS21-102	446572	Blank	0.01	0.1
GOS21-102	446596	Blank	0.01	0.1
GOS21-102	446624	Blank	0.01	0.1
GOS21-102	446648	Blank	0.01	0.1
GOS21-102	446672	Blank	0.01	0.1
GOS21-102	446696	Blank	0.01	0.1
GOS21-102	446724	Blank	0.01	0.1
GOS21-102	446748	Blank	0.01	0.1
GOS21-102	446772	Blank	0.01	0.1
GOS21-102	446796	Blank	0.01	0.1
GOS21-102	446824	Blank	0.01	0.1
GOS21-102	446848	Blank	0.01	0.1

GOS21-102	446872	Blank	0.01	0.1
GOS21-102	446895	Blank	0.01	0.1
GOS21-103	262272	Blank	0.01	0.1
GOS21-103	262296	Blank	0.01	0.1
GOS21-103	262324	Blank	0.01	0.1
GOS21-103	262348	Blank	0.01	0.1
GOS21-103	262372	Blank	0.01	0.1
GOS21-103	262379	Blank	0.01	0.1
GOS21-103	262396	Blank	0.01	0.1
GOS21-103	262424	Blank	0.01	0.1
GOS21-103	262448	Blank	0.01	0.1
GOS21-103	262472	Blank	0.01	0.1
GOS21-103	262496	Blank	0.01	0.1
GOS21-103	441506	Blank	0.01	0.1
GOS21-103	441524	Blank	0.01	0.1
GOS21-103	441548	Blank	0.01	0.1
GOS21-103	441572	Blank	0.01	0.1
GOS21-103	441596	Blank	0.01	0.1
GOS21-103	441624	Blank	0.01	0.1
GOS21-103	441648	Blank	0.01	0.1
GOS21-103	441672	Blank	0.01	0.1
GOS21-103	441696	Blank	0.01	0.1
GOS21-103	441724	Blank	0.01	0.1
GOS21-103	441744	Blank	0.01	0.1
GOS21-103	441748	Blank	0.01	0.1
GOS21-103	441772	Blank	0.01	0.1
GOS21-103	441796	Blank	0.01	0.1
GOS21-103	441824	Blank	0.01	0.1
GOS21-94	443524	Blank	0.01	0.1
GOS21-94	443548	Blank	0.01	0.1
GOS21-94	443572	Blank	0.01	0.1
GOS21-94	443596	Blank	0.01	0.1
GOS21-94	443624	Blank	0.01	0.1
GOS21-94	443648	Blank	0.01	0.1
GOS21-94	443672	Blank	0.01	0.1
GOS21-94	443696	Blank	0.01	0.1
GOS21-94	443708	Blank	0.01	0.1
GOS21-94	443724	Blank	0.01	0.1
GOS21-94	443745	Blank	0.02	0.1
GOS21-94	443748	Blank	0.01	0.1
GOS21-94	443772	Blank	0.01	0.1
GOS21-94	443783	Blank	0.01	0.1
GOS21-94	443796	Blank	0.01	0.1
GOS21-94	443804	Blank	0.01	0.1
GOS21-94	443824	Blank	0.01	0.1
GOS21-94	443848	Blank	0.01	0.1
GOS21-94	443872	Blank	0.01	0.1
GOS21-94	443896	Blank	0.01	0.1
GOS21-94	443924	Blank	0.11	0.1
GOS21-94	443948	Blank	0.01	0.1
GOS21-94	443972	Blank	0.01	0.1
GOS21-94	443996	Blank	0.01	0.1
GOS21-94	450472	Blank	0.01	0.1
GOS21-95	448848	Blank	0.01	0.1
GOS21-95	448872	Blank	0.01	0.1
GOS21-95	448896	Blank	0.01	0.1

GOS21-95	448924	Blank	0.01	0.1
GOS21-95	448948	Blank	0.01	0.1
GOS21-95	448972	Blank	0.01	0.1
GOS21-95	448996	Blank	0.01	0.1
GOS21-95	449024	Blank	0.01	0.1
GOS21-95	449048	Blank	0.01	0.1
GOS21-95	449072	Blank	0.01	0.1
GOS21-95	449096	Blank	0.01	0.1
GOS21-95	449124	Blank	0.01	0.1
GOS21-95	449148	Blank	0.01	0.1
GOS21-95	449172	Blank	0.01	0.1
GOS21-95	449178	Blank	0.01	0.1
GOS21-95	449196	Blank	0.01	0.1
GOS21-95	449224	Blank	0.01	0.1
GOS21-95	449248	Blank	0.01	0.1
GOS21-95	449272	Blank	0.01	0.1
GOS21-95	449296	Blank	0.01	0.1
GOS21-95	449324	Blank	0.01	0.1
GOS21-96	449510	Blank	0.01	0.1
GOS21-96	449524	Blank	0.01	0.1
GOS21-96	449548	Blank	0.01	0.1
GOS21-96	449572	Blank	0.01	0.1
GOS21-96	449596	Blank	0.01	0.1
GOS21-96	449624	Blank	0.01	0.1
GOS21-96	449648	Blank	0.01	0.1
GOS21-96	449672	Blank	0.01	0.1
GOS21-96	449696	Blank	0.01	0.1
GOS21-96	449724	Blank	0.01	0.1
GOS21-96	449748	Blank	0.01	0.1
GOS21-96	449772	Blank	0.01	0.1
GOS21-96	449796	Blank	0.01	0.1
GOS21-96	449824	Blank	0.45	0.1
GOS21-96	449848	Blank	0.01	0.1
GOS21-96	449872	Blank	0.01	0.1
GOS21-96	449896	Blank	0.01	0.1
GOS21-96	449924	Blank	0.01	0.1
GOS21-96	449948	Blank	0.01	0.1
GOS21-96	449972	Blank	0.01	0.1
GOS21-97	442024	Blank	0.01	0.1
GOS21-97	442048	Blank	0.01	0.1
GOS21-97	442072	Blank	0.01	0.1
GOS21-98	442096	Blank	0.01	0.1
GOS21-98	442124	Blank	0.01	0.1
GOS21-98	442148	Blank	0.01	0.1
GOS21-98	442172	Blank	0.01	0.1
GOS21-98	442196	Blank	0.01	0.1
GOS21-98	442224	Blank	0.01	0.1
GOS21-98	442248	Blank	0.01	0.1
GOS21-98	442272	Blank	0.01	0.1
GOS21-98	442296	Blank	0.01	0.1
GOS21-98	442324	Blank	0.01	0.1
GOS21-98	442348	Blank	0.01	0.1
GOS21-98	442372	Blank	0.01	0.1
GOS21-98	442396	Blank	0.01	0.1
GOS21-98	442412	Blank	0.01	0.1
GOS21-98	442424	Blank	0.01	0.1

Hole_ID	QC_Sample_No	QC_Type	Standard	AU_FINAL_GPT	Mean	UCL (3sd)	LCL(3sd)	0.4854
GOS21-63	254012	Standard	OREAS 502c	0.492	0.485360976	0.537	0.434	pass
GOS21-63	254112	Standard	OREAS 502c	0.49	0.485360976	0.537	0.434	pass
GOS21-63	254212	Standard	OREAS 502c	0.463	0.485360976	0.537	0.434	pass
GOS21-64	262012	Standard	OREAS 502c	0.499	0.485360976	0.537	0.434	pass
GOS21-64	262112	Standard	OREAS 502c	0.502	0.485360976	0.537	0.434	pass
GOS21-65	432012	Standard	OREAS 502c	0.487	0.485360976	0.537	0.434	pass
GOS21-65	1078612	Standard	OREAS 502c	0.486	0.485360976	0.537	0.434	pass
GOS21-65	1078712	Standard	OREAS 502c	0.474	0.485360976	0.537	0.434	pass
GOS21-65	1078812	Standard	OREAS 502c	0.484	0.485360976	0.537	0.434	pass
GOS21-65	1078912	Standard	OREAS 502c	0.494	0.485360976	0.537	0.434	pass
GOS21-66	432112	Standard	OREAS 502c	0.479	0.485360976	0.537	0.434	pass
GOS21-66	432212	Standard	OREAS 502c	0.499	0.485360976	0.537	0.434	pass
GOS21-66	432312	Standard	OREAS 502c	0.474	0.485360976	0.537	0.434	pass
GOS21-66	432412	Standard	OREAS 502c	0.502	0.485360976	0.537	0.434	pass
GOS21-66	432512	Standard	OREAS 502c	0.505	0.485360976	0.537	0.434	pass
GOS21-67	438012	Standard	OREAS 502c	0.498	0.485360976	0.537	0.434	pass
GOS21-67	438112	Standard	OREAS 502c	0.505	0.485360976	0.537	0.434	pass
GOS21-68	431012	Standard	OREAS 502c	0.508	0.485360976	0.537	0.434	pass
GOS21-68	431112	Standard	OREAS 502c	0.5	0.485360976	0.537	0.434	pass
GOS21-68	438212	Standard	OREAS 502c	0.448	0.485360976	0.537	0.434	pass
GOS21-68	438312	Standard	OREAS 502c	0.492	0.485360976	0.537	0.434	pass
GOS21-68	438412	Standard	OREAS 502c	0.498	0.485360976	0.537	0.434	pass
GOS21-69	432612	Standard	OREAS 502c	0.47	0.485360976	0.537	0.434	pass
GOS21-69	432712	Standard	OREAS 502c	0.482	0.485360976	0.537	0.434	pass
GOS21-69	432812	Standard	OREAS 502c	0.467	0.485360976	0.537	0.434	pass
GOS21-70	254312	Standard	OREAS 502c	0.467	0.485360976	0.537	0.434	pass
GOS21-70	254412	Standard	OREAS 502c	0.462	0.485360976	0.537	0.434	pass
GOS21-70	432912	Standard	OREAS 502c	0.473	0.485360976	0.537	0.434	pass
GOS21-70	436513	Standard	OREAS 502c	0.478	0.485360976	0.537	0.434	pass
GOS21-70	436612	Standard	OREAS 502c	0.484	0.485360976	0.537	0.434	pass
GOS21-71	435012	Standard	OREAS 502c	0.461	0.485360976	0.537	0.434	pass
GOS21-71	435112	Standard	OREAS 502c	0.485	0.485360976	0.537	0.434	pass
GOS21-71	435212	Standard	OREAS 502c	0.487	0.485360976	0.537	0.434	pass
GOS21-71	435312	Standard	OREAS 502c	0.477	0.485360976	0.537	0.434	pass
GOS21-71	435412	Standard	OREAS 502c	0.466	0.485360976	0.537	0.434	pass
GOS21-72	436712	Standard	OREAS 502c	0.486	0.485360976	0.537	0.434	pass
GOS21-72	436812	Standard	OREAS 502c	0.494	0.485360976	0.537	0.434	pass
GOS21-72	436912	Standard	OREAS 502c	0.506	0.485360976	0.537	0.434	pass
GOS21-72	437012	Standard	OREAS 502c	0.484	0.485360976	0.537	0.434	pass
GOS21-73	431212	Standard	OREAS 502c	0.483	0.485360976	0.537	0.434	pass
GOS21-73	431312	Standard	OREAS 502c	0.477	0.485360976	0.537	0.434	pass
GOS21-74	437112	Standard	OREAS 502c	0.524	0.485360976	0.537	0.434	pass
GOS21-74	437212	Standard	OREAS 502c	0.491	0.485360976	0.537	0.434	pass
GOS21-74	437312	Standard	OREAS 502c	0.469	0.485360976	0.537	0.434	pass
GOS21-74	437412	Standard	OREAS 502c	0.485	0.485360976	0.537	0.434	pass

GOS21-74	437512	Standard	OREAS 502c	0.487	0.485360976	0.537	0.434	pass
GOS21-75	440012	Standard	OREAS 502c	0.478	0.485360976	0.537	0.434	pass
GOS21-75	440112	Standard	OREAS 502c	0.475	0.485360976	0.537	0.434	pass
GOS21-75	440212	Standard	OREAS 502c	0.499	0.485360976	0.537	0.434	pass
GOS21-75	440312	Standard	OREAS 502c	0.492	0.485360976	0.537	0.434	pass
GOS21-75	440412	Standard	OREAS 502c	0.486	0.485360976	0.537	0.434	pass
GOS21-76	439512	Standard	OREAS 502c	0.513	0.485360976	0.537	0.434	pass
GOS21-76	439612	Standard	OREAS 502c	0.489	0.485360976	0.537	0.434	pass
GOS21-76	433112	Standard	OREAS 502c	0.477	0.485360976	0.537	0.434	pass
GOS21-76	439712	Standard	OREAS 502c	0.414	0.485360976	0.537	0.434	fail
GOS21-76	433012	Standard	OREAS 502c	0.495	0.485360976	0.537	0.434	pass
GOS21-76	433212	Standard	OREAS 502c	0.563	0.485360976	0.537	0.434	fail
GOS21-78	439812	Standard	OREAS 502c	0.501	0.485360976	0.537	0.434	pass
GOS21-78	439912	Standard	OREAS 502c	0.51	0.485360976	0.537	0.434	pass
GOS21-78	438512	Standard	OREAS 502c	0.49	0.485360976	0.537	0.434	pass
GOS21-78	438612	Standard	OREAS 502c	0.494	0.485360976	0.537	0.434	pass
GOS21-78	438712	Standard	OREAS 502c	0.477	0.485360976	0.537	0.434	pass
GOS21-79	437712	Standard	OREAS 502c	0.5	0.485360976	0.537	0.434	pass
GOS21-79	437812	Standard	OREAS 502c	0.492	0.485360976	0.537	0.434	pass
GOS21-79	437912	Standard	OREAS 502c	0.502	0.485360976	0.537	0.434	pass
GOS21-79	437612	Standard	OREAS 502c	0.481	0.485360976	0.537	0.434	pass
GOS21-80	440512	Standard	OREAS 502c	0.49	0.485360976	0.537	0.434	pass
GOS21-80	440612	Standard	OREAS 502c	0.494	0.485360976	0.537	0.434	pass
GOS21-80	440712	Standard	OREAS 502c	0.499	0.485360976	0.537	0.434	pass
GOS21-80	440812	Standard	OREAS 502c	0.497	0.485360976	0.537	0.434	pass
GOS21-80	440912	Standard	OREAS 502c	0.475	0.485360976	0.537	0.434	pass
GOS21-81	435612	Standard	OREAS 502c	0.493	0.485360976	0.537	0.434	pass
GOS21-81	435712	Standard	OREAS 502c	0.475	0.485360976	0.537	0.434	pass
GOS21-81	435812	Standard	OREAS 502c	0.475	0.485360976	0.537	0.434	pass
GOS21-81	435912	Standard	OREAS 502c	0.487	0.485360976	0.537	0.434	pass
GOS21-81	435512	Standard	OREAS 502c	0.475	0.485360976	0.537	0.434	pass
GOS21-82	431412	Standard	OREAS 502c	0.48	0.485360976	0.537	0.434	pass
GOS21-82	433512	Standard	OREAS 502c	0.503	0.485360976	0.537	0.434	pass
GOS21-82	433712	Standard	OREAS 502c	0.518	0.485360976	0.537	0.434	pass
GOS21-82	433612	Standard	OREAS 502c	0.509	0.485360976	0.537	0.434	pass
GOS21-84	434312	Standard	OREAS 502c	0.458	0.485360976	0.537	0.434	pass
GOS21-84	434412	Standard	OREAS 502c	0.469	0.485360976	0.537	0.434	pass
GOS21-84	434212	Standard	OREAS 502c	0.461	0.485360976	0.537	0.434	pass
GOS21-84	434012	Standard	OREAS 502c	0.515	0.485360976	0.537	0.434	pass
GOS21-84	434112	Standard	OREAS 502c	0.486	0.485360976	0.537	0.434	pass
GOS21-85	436112	Standard	OREAS 502c	0.476	0.485360976	0.537	0.434	pass
GOS21-85	436212	Standard	OREAS 502c	0.486	0.485360976	0.537	0.434	pass
GOS21-85	436312	Standard	OREAS 502c	0.492	0.485360976	0.537	0.434	pass
GOS21-85	436412	Standard	OREAS 502c	0.5	0.485360976	0.537	0.434	pass
GOS21-85	436012	Standard	OREAS 502c	0.467	0.485360976	0.537	0.434	pass
GOS21-86	434512	Standard	OREAS 502c	0.506	0.485360976	0.537	0.434	pass
GOS21-86	434612	Standard	OREAS 502c	0.5	0.485360976	0.537	0.434	pass

GOS21-86	434712	Standard	OREAS 502c	0.487	0.485360976	0.537	0.434	pass
GOS21-86	434812	Standard	OREAS 502c	0.496	0.485360976	0.537	0.434	pass
GOS21-86	434912	Standard	OREAS 502c	0.515	0.485360976	0.537	0.434	pass
GOS21-88	431712	Standard	OREAS 502c	0.477	0.485360976	0.537	0.434	pass
GOS21-88	431812	Standard	OREAS 502c	0.481	0.485360976	0.537	0.434	pass
GOS21-88	431612	Standard	OREAS 502c	0.49	0.485360976	0.537	0.434	pass
GOS21-88	431912	Standard	OREAS 502c	0.476	0.485360976	0.537	0.434	pass
GOS21-88	431512	Standard	OREAS 502c	0.481	0.485360976	0.537	0.434	pass
GOS21-90	448112	Standard	OREAS 502c	0.481	0.485360976	0.537	0.434	pass
GOS21-90	448012	Standard	OREAS 502c	0.478	0.485360976	0.537	0.434	pass
GOS21-90	439412	Standard	OREAS 502c	0.485	0.485360976	0.537	0.434	pass
GOS21-90	448212	Standard	OREAS 502c	0.506	0.485360976	0.537	0.434	pass
GOS21-90	439312	Standard	OREAS 502c	0.488	0.485360976	0.537	0.434	pass
GOS21-83	438812	Standard	OREAS 502c	0.51	0.485360976	0.537	0.434	pass
GOS21-83	438912	Standard	OREAS 502c	0.49	0.485360976	0.537	0.434	pass
GOS21-83	439012	Standard	OREAS 502c	0.48	0.485360976	0.537	0.434	pass
GOS21-83	439112	Standard	OREAS 502c	0.50	0.485360976	0.537	0.434	pass
GOS21-83	439212	Standard	OREAS 502c	0.50	0.485360976	0.537	0.434	pass
GOS21-87	445012	Standard	OREAS 502c	0.48	0.485360976	0.537	0.434	pass
GOS21-87	445112	Standard	OREAS 502c	0.52	0.485360976	0.537	0.434	pass
GOS21-87	445212	Standard	OREAS 502c	0.48	0.485360976	0.537	0.434	pass
GOS21-87	445312	Standard	OREAS 502c	0.50	0.485360976	0.537	0.434	pass
GOS21-87	445412	Standard	OREAS 502c	0.48	0.485360976	0.537	0.434	pass
GOS21-92	448312	Standard	OREAS 502c	0.49	0.485360976	0.537	0.434	pass
GOS21-92	448412	Standard	OREAS 502c	0.48	0.485360976	0.537	0.434	pass
GOS21-92	448512	Standard	OREAS 502c	0.46	0.485360976	0.537	0.434	pass
GOS21-92	448612	Standard	OREAS 502c	0.48	0.485360976	0.537	0.434	pass
GOS21-92	448712	Standard	OREAS 502c	0.48	0.485360976	0.537	0.434	pass
GOS21-92	448812	Standard	OREAS 502c	0.482	0.485360976	0.537	0.434	pass
GOS21-93	433312	Standard	OREAS 502c	0.47	0.485360976	0.537	0.434	pass
GOS21-93	433412	Standard	OREAS 502c	0.45	0.485360976	0.537	0.434	pass
GOS21-93	433812	Standard	OREAS 502c	0.50	0.485360976	0.537	0.434	pass
GOS21-93	441012	Standard	OREAS 502c	0.47	0.485360976	0.537	0.434	pass
GOS21-94	443512	Standard	OREAS 502c	0.48	0.485360976	0.537	0.434	pass
GOS21-94	443612	Standard	OREAS 502c	0.503	0.485360976	0.537	0.434	pass
GOS21-94	443712	Standard	OREAS 502c	0.474	0.485360976	0.537	0.434	pass
GOS21-94	443812	Standard	OREAS 502c	0.501	0.485360976	0.537	0.434	pass
GOS21-94	443912	Standard	OREAS 502c	0.476	0.485360976	0.537	0.434	pass
GOS21-95	448912	Standard	OREAS 502c	0.497	0.485360976	0.537	0.434	pass
GOS21-95	449012	Standard	OREAS 502c	0.503	0.485360976	0.537	0.434	pass
GOS21-95	449112	Standard	OREAS 502c	0.513	0.485360976	0.537	0.434	pass
GOS21-95	449212	Standard	OREAS 502c	0.528	0.485360976	0.537	0.434	pass
GOS21-95	449312	Standard	OREAS 502c	0.498	0.485360976	0.537	0.434	pass
GOS21-96	449512	Standard	OREAS 502c	0.476	0.485360976	0.537	0.434	pass
GOS21-96	449612	Standard	OREAS 502c	0.491	0.485360976	0.537	0.434	pass
GOS21-96	449712	Standard	OREAS 502c	0.503	0.485360976	0.537	0.434	pass
GOS21-96	449812	Standard	OREAS 502c	0.495	0.485360976	0.537	0.434	pass

GOS21-96	449912	Standard	OREAS 502c	0.501	0.485360976	0.537	0.434	pass
GOS21-97	442012	Standard	OREAS 502c	0.519	0.485360976	0.537	0.434	pass
GOS21-98	441112	Standard	OREAS 502c	0.474	0.485360976	0.537	0.434	pass
GOS21-98	442112	Standard	OREAS 502c	0.455	0.485360976	0.537	0.434	pass
GOS21-98	442212	Standard	OREAS 502c	0.516	0.485360976	0.537	0.434	pass
GOS21-98	442312	Standard	OREAS 502c	0.49	0.485360976	0.537	0.434	pass
GOS21-98	442413	Standard	OREAS 502c	0.497	0.485360976	0.537	0.434	pass
GOS21-99	449412	Standard	OREAS 502c	0.503	0.485360976	0.537	0.434	pass
GOS21-99	442512	Standard	OREAS 502c	0.486	0.485360976	0.537	0.434	pass
GOS21-99	442612	Standard	OREAS 502c	0.507	0.485360976	0.537	0.434	pass
GOS21-99	442712	Standard	OREAS 502c	0.51	0.485360976	0.537	0.434	pass
GOS21-99	442812	Standard	OREAS 502c	0.511	0.485360976	0.537	0.434	pass
GOS21-100	444012	Standard	OREAS 502c	0.504	0.485360976	0.537	0.434	pass
GOS21-100	444112	Standard	OREAS 502c	0.493	0.485360976	0.537	0.434	pass
GOS21-100	444212	Standard	OREAS 502c	0.499	0.485360976	0.537	0.434	pass
GOS21-100	444312	Standard	OREAS 502c	0.498	0.485360976	0.537	0.434	pass
GOS21-100	444412	Standard	OREAS 502c	0.477	0.485360976	0.537	0.434	pass
GOS21-101	442912	Standard	OREAS 502c	1.065	0.485360976	0.537	0.434	fail
GOS21-101	443012	Standard	OREAS 502c	0.488	0.485360976	0.537	0.434	pass
GOS21-101	443112	Standard	OREAS 502c	0.507	0.485360976	0.537	0.434	pass
GOS21-101	443212	Standard	OREAS 502c	0.504	0.485360976	0.537	0.434	pass
GOS21-102	446513	Standard	OREAS 502c	0.51	0.485360976	0.537	0.434	pass
GOS21-102	446612	Standard	OREAS 502c	0.509	0.485360976	0.537	0.434	pass
GOS21-102	446712	Standard	OREAS 502c	0.474	0.485360976	0.537	0.434	pass
GOS21-102	446812	Standard	OREAS 502c	0.481	0.485360976	0.537	0.434	pass
GOS21-102	446912	Standard	OREAS 502c	0.5	0.485360976	0.537	0.434	pass
GOS21-103	262312	Standard	OREAS 502c	0.505	0.485360976	0.537	0.434	pass
GOS21-103	262412	Standard	OREAS 502c	0.496	0.485360976	0.537	0.434	pass
GOS21-103	441512	Standard	OREAS 502c	0.468	0.485360976	0.537	0.434	pass
GOS21-103	441612	Standard	OREAS 502c	0.48	0.485360976	0.537	0.434	pass
GOS21-103	441712	Standard	OREAS 502c	0.494	0.485360976	0.537	0.434	pass
GOS21-103	441812	Standard	OREAS 502c	0.475	0.485360976	0.537	0.434	pass

Hole_ID	QC_Sample No	QC_Type	Standard	AU_FINAL_GPT	Mean	UCL (3sd)	LCL(3sd)	
GOS21-63	254036	Standard	OREAS 503d	0.682	0.666	0.716	0.616	pass
GOS21-63	254136	Standard	OREAS 503d	0.675	0.666	0.716	0.616	pass
GOS21-63	254236	Standard	OREAS 503d	0.674	0.666	0.716	0.616	pass
GOS21-64	262036	Standard	OREAS 503d	0.656	0.666	0.716	0.616	pass
GOS21-64	262136	Standard	OREAS 503d	0.651	0.666	0.716	0.616	pass
GOS21-65	1078636	Standard	OREAS 503d	0.674	0.666	0.716	0.616	pass
GOS21-65	1078736	Standard	OREAS 503d	0.673	0.666	0.716	0.616	pass
GOS21-65	1078836	Standard	OREAS 503d	0.696	0.666	0.716	0.616	pass
GOS21-65	1078936	Standard	OREAS 503d	0.676	0.666	0.716	0.616	pass
GOS21-66	432036	Standard	OREAS 503d	0.652	0.666	0.716	0.616	pass
GOS21-66	432136	Standard	OREAS 503d	0.670	0.666	0.716	0.616	pass
GOS21-66	432236	Standard	OREAS 503d	0.670	0.666	0.716	0.616	pass
GOS21-66	432336	Standard	OREAS 503d	0.661	0.666	0.716	0.616	pass
GOS21-66	432436	Standard	OREAS 503d	0.658	0.666	0.716	0.616	pass
GOS21-67	438036	Standard	OREAS 503d	0.670	0.666	0.716	0.616	pass
GOS21-67	438136	Standard	OREAS 503d	0.674	0.666	0.716	0.616	pass
GOS21-68	431036	Standard	OREAS 503d	0.681	0.666	0.716	0.616	pass
GOS21-68	431136	Standard	OREAS 503d	0.650	0.666	0.716	0.616	pass
GOS21-68	438236	Standard	OREAS 503d	0.660	0.666	0.716	0.616	pass
GOS21-68	438336	Standard	OREAS 503d	0.653	0.666	0.716	0.616	pass
GOS21-68	438436	Standard	OREAS 503d	0.700	0.666	0.716	0.616	pass
GOS21-69	432536	Standard	OREAS 503d	0.695	0.666	0.716	0.616	pass
GOS21-69	432636	Standard	OREAS 503d	0.666	0.666	0.716	0.616	pass
GOS21-69	432736	Standard	OREAS 503d	0.667	0.666	0.716	0.616	pass
GOS21-69	432836	Standard	OREAS 503d	0.643	0.666	0.716	0.616	pass
GOS21-71	435136	Standard	OREAS 503d	0.665	0.666	0.716	0.616	pass
GOS21-71	435236	Standard	OREAS 503d	0.662	0.666	0.716	0.616	pass
GOS21-71	435336	Standard	OREAS 503d	0.658	0.666	0.716	0.616	pass
GOS21-71	435436	Standard	OREAS 503d	0.641	0.666	0.716	0.616	pass
GOS21-72	436736	Standard	OREAS 503d	0.645	0.666	0.716	0.616	pass
GOS21-72	436836	Standard	OREAS 503d	0.673	0.666	0.716	0.616	pass
GOS21-72	436936	Standard	OREAS 503d	0.692	0.666	0.716	0.616	pass
GOS21-73	431236	Standard	OREAS 503d	0.678	0.666	0.716	0.616	pass
GOS21-74	437036	Standard	OREAS 503d	0.652	0.666	0.716	0.616	pass
GOS21-74	437136	Standard	OREAS 503d	0.708	0.666	0.716	0.616	pass
GOS21-74	437236	Standard	OREAS 503d	0.655	0.666	0.716	0.616	pass
GOS21-74	437336	Standard	OREAS 503d	0.679	0.666	0.716	0.616	pass
GOS21-74	437436	Standard	OREAS 503d	0.657	0.666	0.716	0.616	pass
GOS21-74	437536	Standard	OREAS 503d	0.661	0.666	0.716	0.616	pass
GOS21-75	440036	Standard	OREAS 503d	0.649	0.666	0.716	0.616	pass
GOS21-75	440136	Standard	OREAS 503d	0.654	0.666	0.716	0.616	pass
GOS21-75	440236	Standard	OREAS 503d	0.666	0.666	0.716	0.616	pass
GOS21-75	440336	Standard	OREAS 503d	0.672	0.666	0.716	0.616	pass
GOS21-75	440436	Standard	OREAS 503d	0.634	0.666	0.716	0.616	pass
GOS21-76	439536	Standard	OREAS 503d	0.663	0.666	0.716	0.616	pass

GOS21-76	439636	Standard	OREAS 503d	0.661	0.666	0.716	0.616	pass
GOS21-76	433036	Standard	OREAS 503d	0.679	0.666	0.716	0.616	pass
GOS21-76	433136	Standard	OREAS 503d	0.654	0.666	0.716	0.616	pass
GOS21-78	439736	Standard	OREAS 503d	0.674	0.666	0.716	0.616	pass
GOS21-78	439836	Standard	OREAS 503d	0.685	0.666	0.716	0.616	pass
GOS21-78	439936	Standard	OREAS 503d	0.671	0.666	0.716	0.616	pass
GOS21-78	438536	Standard	OREAS 503d	0.673	0.666	0.716	0.616	pass
GOS21-78	438636	Standard	OREAS 503d	0.689	0.666	0.716	0.616	pass
GOS21-78	438736	Standard	OREAS 503d	0.646	0.666	0.716	0.616	pass
GOS21-79	437736	Standard	OREAS 503d	0.66	0.666	0.716	0.616	pass
GOS21-79	437836	Standard	OREAS 503d	0.662	0.666	0.716	0.616	pass
GOS21-79	437936	Standard	OREAS 503d	0.639	0.666	0.716	0.616	pass
GOS21-79	431336	Standard	OREAS 503d	0.681	0.666	0.716	0.616	pass
GOS21-79	437636	Standard	OREAS 503d	0.662	0.666	0.716	0.616	pass
GOS21-80	440536	Standard	OREAS 503d	0.66	0.666	0.716	0.616	pass
GOS21-80	440636	Standard	OREAS 503d	0.671	0.666	0.716	0.616	pass
GOS21-80	440736	Standard	OREAS 503d	0.658	0.666	0.716	0.616	pass
GOS21-80	440836	Standard	OREAS 503d	0.647	0.666	0.716	0.616	pass
GOS21-80	440936	Standard	OREAS 503d	0.627	0.666	0.716	0.616	pass
GOS21-81	435536	Standard	OREAS 503d	0.67	0.666	0.716	0.616	pass
GOS21-81	435636	Standard	OREAS 503d	0.667	0.666	0.716	0.616	pass
GOS21-81	435836	Standard	OREAS 503d	0.669	0.666	0.716	0.616	pass
GOS21-81	435936	Standard	OREAS 503d	0.652	0.666	0.716	0.616	pass
GOS21-81	435736	Standard	OREAS 503d	0.687	0.666	0.716	0.616	pass
GOS21-82	431436	Standard	OREAS 503d	0.675	0.666	0.716	0.616	pass
GOS21-82	433536	Standard	OREAS 503d	0.689	0.666	0.716	0.616	pass
GOS21-82	433736	Standard	OREAS 503d	0.682	0.666	0.716	0.616	pass
GOS21-82	433636	Standard	OREAS 503d	0.685	0.666	0.716	0.616	pass
GOS21-84	434336	Standard	OREAS 503d	0.663	0.666	0.716	0.616	pass
GOS21-84	434236	Standard	OREAS 503d	0.638	0.666	0.716	0.616	pass
GOS21-84	434136	Standard	OREAS 503d	0.652	0.666	0.716	0.616	pass
GOS21-84	434036	Standard	OREAS 503d	0.696	0.666	0.716	0.616	pass
GOS21-85	436036	Standard	OREAS 503d	0.65	0.666	0.716	0.616	pass
GOS21-85	436136	Standard	OREAS 503d	0.645	0.666	0.716	0.616	pass
GOS21-85	436236	Standard	OREAS 503d	0.66	0.666	0.716	0.616	pass
GOS21-85	436336	Standard	OREAS 503d	0.687	0.666	0.716	0.616	pass
GOS21-85	436436	Standard	OREAS 503d	0.684	0.666	0.716	0.616	pass
GOS21-86	434536	Standard	OREAS 503d	0.684	0.666	0.716	0.616	pass
GOS21-86	434636	Standard	OREAS 503d	0.672	0.666	0.716	0.616	pass
GOS21-86	434736	Standard	OREAS 503d	0.18	0.666	0.716	0.616	fail
GOS21-86	434836	Standard	OREAS 503d	0.678	0.666	0.716	0.616	pass
GOS21-86	434436	Standard	OREAS 503d	0.67	0.666	0.716	0.616	pass
GOS21-86	434936	Standard	OREAS 503d	0.661	0.666	0.716	0.616	pass
GOS21-88	431736	Standard	OREAS 503d	0.606	0.666	0.716	0.616	fail
GOS21-88	431836	Standard	OREAS 503d	0.672	0.666	0.716	0.616	pass
GOS21-88	431636	Standard	OREAS 503d	0.674	0.666	0.716	0.616	pass
GOS21-88	431936	Standard	OREAS 503d	0.632	0.666	0.716	0.616	pass

GOS21-88	431536	Standard	OREAS 503d	0.672	0.666	0.716	0.616	pass
GOS21-90	448136	Standard	OREAS 503d	0.678	0.666	0.716	0.616	pass
GOS21-90	439436	Standard	OREAS 503d	0.665	0.666	0.716	0.616	pass
GOS21-90	448036	Standard	OREAS 503d	0.647	0.666	0.716	0.616	pass
GOS21-90	439336	Standard	OREAS 503d	0.624	0.666	0.716	0.616	pass
GOS21-83	438836	Standard	OREAS 503d	0.69	0.666	0.716	0.616	pass
GOS21-83	438936	Standard	OREAS 503d	0.68	0.666	0.716	0.616	pass
GOS21-83	439036	Standard	OREAS 503d	0.67	0.666	0.716	0.616	pass
GOS21-83	439136	Standard	OREAS 503d	0.66	0.666	0.716	0.616	pass
GOS21-83	439236	Standard	OREAS 503d	0.66	0.666	0.716	0.616	pass
GOS21-87	445036	Standard	OREAS 503d	0.66	0.666	0.716	0.616	pass
GOS21-87	445136	Standard	OREAS 503d	0.64	0.666	0.716	0.616	pass
GOS21-87	445236	Standard	OREAS 503d	0.69	0.666	0.716	0.616	pass
GOS21-87	445336	Standard	OREAS 503d	0.64	0.666	0.716	0.616	pass
GOS21-87	445436	Standard	OREAS 503d	0.65	0.666	0.716	0.616	pass
GOS21-92	448236	Standard	OREAS 503d	0.68	0.666	0.716	0.616	pass
GOS21-92	448336	Standard	OREAS 503d	0.66	0.666	0.716	0.616	pass
GOS21-92	448436	Standard	OREAS 503d	0.67	0.666	0.716	0.616	pass
GOS21-92	448536	Standard	OREAS 503d	0.67	0.666	0.716	0.616	pass
GOS21-92	448636	Standard	OREAS 503d	0.66	0.666	0.716	0.616	pass
GOS21-92	448736	Standard	OREAS 503d	0.670	0.666	0.716	0.616	pass
GOS21-92	448836	Standard	OREAS 503d	0.654	0.666	0.716	0.616	pass
GOS21-93	433336	Standard	OREAS 503d	0.69	0.666	0.716	0.616	pass
GOS21-93	433436	Standard	OREAS 503d	0.66	0.666	0.716	0.616	pass
GOS21-93	441036	Standard	OREAS 503d	0.67	0.666	0.716	0.616	pass
GOS21-94	443536	Standard	OREAS 503d	0.664	0.666	0.716	0.616	pass
GOS21-94	443636	Standard	OREAS 503d	0.673	0.666	0.716	0.616	pass
GOS21-94	443736	Standard	OREAS 503d	0.646	0.666	0.716	0.616	pass
GOS21-94	443836	Standard	OREAS 503d	0.674	0.666	0.716	0.616	pass
GOS21-94	443936	Standard	OREAS 503d	0.634	0.666	0.716	0.616	pass
GOS21-95	448936	Standard	OREAS 503d	0.684	0.666	0.716	0.616	pass
GOS21-95	449036	Standard	OREAS 503d	0.687	0.666	0.716	0.616	pass
GOS21-95	449136	Standard	OREAS 503d	0.691	0.666	0.716	0.616	pass
GOS21-95	449236	Standard	OREAS 503d	0.702	0.666	0.716	0.616	pass
GOS21-96	449536	Standard	OREAS 503d	0.657	0.666	0.716	0.616	pass
GOS21-96	449636	Standard	OREAS 503d	0.669	0.666	0.716	0.616	pass
GOS21-96	449736	Standard	OREAS 503d	0.651	0.666	0.716	0.616	pass
GOS21-96	449836	Standard	OREAS 503d	0.644	0.666	0.716	0.616	pass
GOS21-96	449936	Standard	OREAS 503d	0.681	0.666	0.716	0.616	pass
GOS21-97	442036	Standard	OREAS 503d	0.691	0.666	0.716	0.616	pass
GOS21-98	441136	Standard	OREAS 503d	0.67	0.666	0.716	0.616	pass
GOS21-98	442136	Standard	OREAS 503d	0.674	0.666	0.716	0.616	pass
GOS21-98	442236	Standard	OREAS 503d	0.635	0.666	0.716	0.616	pass
GOS21-98	442336	Standard	OREAS 503d	0.658	0.666	0.716	0.616	pass
GOS21-98	442436	Standard	OREAS 503d	0.692	0.666	0.716	0.616	pass
GOS21-100	444036	Standard	OREAS 503d	0.67	0.666	0.716	0.616	pass
GOS21-100	444136	Standard	OREAS 503d	0.654	0.666	0.716	0.616	pass

GOS21-100	444236	Standard	OREAS 503d	0.687	0.666	0.716	0.616	pass
GOS21-100	444336	Standard	OREAS 503d	0.688	0.666	0.716	0.616	pass
GOS21-100	444436	Standard	OREAS 503d	0.669	0.666	0.716	0.616	pass
GOS21-101	442836	Standard	OREAS 503d	0.467	0.666	0.716	0.616	fail
GOS21-101	442936	Standard	OREAS 503d	0.654	0.666	0.716	0.616	pass
GOS21-101	443036	Standard	OREAS 503d	0.658	0.666	0.716	0.616	pass
GOS21-101	443136	Standard	OREAS 503d	0.683	0.666	0.716	0.616	pass
GOS21-101	443277	Standard	OREAS 503d	0.702	0.666	0.716	0.616	pass
GOS21-102	446536	Standard	OREAS 503d	0.684	0.666	0.716	0.616	pass
GOS21-102	446636	Standard	OREAS 503d	0.678	0.666	0.716	0.616	pass
GOS21-102	446736	Standard	OREAS 503d	0.663	0.666	0.716	0.616	pass
GOS21-102	446836	Standard	OREAS 503d	0.674	0.666	0.716	0.616	pass
GOS21-103	262336	Standard	OREAS 503d	0.684	0.666	0.716	0.616	pass
GOS21-103	262436	Standard	OREAS 503d	0.673	0.666	0.716	0.616	pass
GOS21-103	441536	Standard	OREAS 503d	0.669	0.666	0.716	0.616	pass
GOS21-103	441636	Standard	OREAS 503d	0.657	0.666	0.716	0.616	pass
GOS21-103	441736	Standard	OREAS 503d	0.651	0.666	0.716	0.616	pass
GOS21-103	441836	Standard	OREAS 503d	0.664	0.666	0.716	0.616	pass
GOS21-99	449336	Standard	OREAS 503d	0.681	0.666	0.716	0.616	pass
GOS21-99	449436	Standard	OREAS 503d	0.685	0.666	0.716	0.616	pass
GOS21-99	442536	Standard	OREAS 503d	0.674	0.666	0.716	0.616	pass
GOS21-99	442636	Standard	OREAS 503d	0.672	0.666	0.716	0.616	pass
GOS21-99	442736	Standard	OREAS 503d	0.71	0.666	0.716	0.616	pass

Hole_ID	QC_Sample_No	QC_Type	Standard	AU_FINAL_GPT	Mean	UCL (3sd)	LCL(3sd)	1.4728484
GOS21-63	254084	Standard	OREAS 504c	1.496	1.473	1.621	1.324	pass
GOS21-63	254184	Standard	OREAS 504c	1.488	1.473	1.621	1.324	pass
GOS21-63	254284	Standard	OREAS 504c	1.427	1.473	1.621	1.324	pass
GOS21-64	262084	Standard	OREAS 504c	1.495	1.473	1.621	1.324	pass
GOS21-65	1078584	Standard	OREAS 504c	1.426	1.473	1.621	1.324	pass
GOS21-65	1078684	Standard	OREAS 504c	1.462	1.473	1.621	1.324	pass
GOS21-65	1078784	Standard	OREAS 504c	1.443	1.473	1.621	1.324	pass
GOS21-65	1078884	Standard	OREAS 504c	1.532	1.473	1.621	1.324	pass
GOS21-65	1078984	Standard	OREAS 504c	1.436	1.473	1.621	1.324	pass
GOS21-66	432085	Standard	OREAS 504c	1.505	1.473	1.621	1.324	pass
GOS21-66	432184	Standard	OREAS 504c	1.462	1.473	1.621	1.324	pass
GOS21-66	432284	Standard	OREAS 504c	1.391	1.473	1.621	1.324	pass
GOS21-66	432384	Standard	OREAS 504c	1.479	1.473	1.621	1.324	pass
GOS21-66	432484	Standard	OREAS 504c	1.45	1.473	1.621	1.324	pass
GOS21-67	438084	Standard	OREAS 504c	1.528	1.473	1.621	1.324	pass
GOS21-68	431084	Standard	OREAS 504c	1.559	1.473	1.621	1.324	pass
GOS21-68	438184	Standard	OREAS 504c	1.456	1.473	1.621	1.324	pass
GOS21-68	438284	Standard	OREAS 504c	1.52	1.473	1.621	1.324	pass
GOS21-68	438384	Standard	OREAS 504c	1.525	1.473	1.621	1.324	pass
GOS21-68	438484	Standard	OREAS 504c	1.529	1.473	1.621	1.324	pass
GOS21-69	432584	Standard	OREAS 504c	0.005	1.473	1.621	1.324	fail
GOS21-69	432684	Standard	OREAS 504c	1.41	1.473	1.621	1.324	pass
GOS21-69	432784	Standard	OREAS 504c	1.468	1.473	1.621	1.324	pass
GOS21-70	254384	Standard	OREAS 504c	1.429	1.473	1.621	1.324	pass
GOS21-70	254484	Standard	OREAS 504c	1.476	1.473	1.621	1.324	pass
GOS21-70	432984	Standard	OREAS 504c	1.413	1.473	1.621	1.324	pass
GOS21-70	436584	Standard	OREAS 504c	1.551	1.473	1.621	1.324	pass
GOS21-70	436684	Standard	OREAS 504c	1.532	1.473	1.621	1.324	pass
GOS21-71	435084	Standard	OREAS 504c	1.513	1.473	1.621	1.324	pass
GOS21-71	435184	Standard	OREAS 504c	1.453	1.473	1.621	1.324	pass
GOS21-71	435284	Standard	OREAS 504c	1.459	1.473	1.621	1.324	pass
GOS21-71	435384	Standard	OREAS 504c	1.448	1.473	1.621	1.324	pass
GOS21-72	436784	Standard	OREAS 504c	1.461	1.473	1.621	1.324	pass
GOS21-72	436884	Standard	OREAS 504c	1.431	1.473	1.621	1.324	pass
GOS21-72	436984	Standard	OREAS 504c	1.539	1.473	1.621	1.324	pass
GOS21-73	431184	Standard	OREAS 504c	1.36	1.473	1.621	1.324	pass
GOS21-73	431284	Standard	OREAS 504c	1.305	1.473	1.621	1.324	fail
GOS21-73	435484	Standard	OREAS 504c	1.392	1.473	1.621	1.324	pass
GOS21-74	437084	Standard	OREAS 504c	1.523	1.473	1.621	1.324	pass
GOS21-74	437184	Standard	OREAS 504c	1.471	1.473	1.621	1.324	pass
GOS21-74	437284	Standard	OREAS 504c	1.386	1.473	1.621	1.324	pass
GOS21-74	437384	Standard	OREAS 504c	1.517	1.473	1.621	1.324	pass
GOS21-74	437484	Standard	OREAS 504c	0.611	1.473	1.621	1.324	fail
GOS21-75	440084	Standard	OREAS 504c	1.478	1.473	1.621	1.324	pass
GOS21-75	440184	Standard	OREAS 504c	1.429	1.473	1.621	1.324	pass

GOS21-75	440284	Standard	OREAS 504c	1.45	1.473	1.621	1.324	pass
GOS21-75	440384	Standard	OREAS 504c	1.438	1.473	1.621	1.324	pass
GOS21-76	439584	Standard	OREAS 504c	1.521	1.473	1.621	1.324	pass
GOS21-76	439684	Standard	OREAS 504c	1.456	1.473	1.621	1.324	pass
GOS21-76	433084	Standard	OREAS 504c	1.452	1.473	1.621	1.324	pass
GOS21-76	433184	Standard	OREAS 504c	1.456	1.473	1.621	1.324	pass
GOS21-76	433284	Standard	OREAS 504c	1.462	1.473	1.621	1.324	pass
GOS21-78	439784	Standard	OREAS 504c	1.452	1.473	1.621	1.324	pass
GOS21-78	439884	Standard	OREAS 504c	1.478	1.473	1.621	1.324	pass
GOS21-78	439984	Standard	OREAS 504c	1.507	1.473	1.621	1.324	pass
GOS21-78	438584	Standard	OREAS 504c	1.407	1.473	1.621	1.324	pass
GOS21-78	438684	Standard	OREAS 504c	1.488	1.473	1.621	1.324	pass
GOS21-79	437684	Standard	OREAS 504c	1.447	1.473	1.621	1.324	pass
GOS21-79	437784	Standard	OREAS 504c	0.101	1.473	1.621	1.324	fail
GOS21-79	437884	Standard	OREAS 504c	1.557	1.473	1.621	1.324	pass
GOS21-79	437984	Standard	OREAS 504c	1.522	1.473	1.621	1.324	pass
GOS21-79	437584	Standard	OREAS 504c	1.494	1.473	1.621	1.324	pass
GOS21-80	440484	Standard	OREAS 504c	1.338	1.473	1.621	1.324	pass
GOS21-80	440584	Standard	OREAS 504c	1.421	1.473	1.621	1.324	pass
GOS21-80	440684	Standard	OREAS 504c	1.502	1.473	1.621	1.324	pass
GOS21-80	440784	Standard	OREAS 504c	1.452	1.473	1.621	1.324	pass
GOS21-80	440884	Standard	OREAS 504c	1.449	1.473	1.621	1.324	pass
GOS21-81	435584	Standard	OREAS 504c	1.512	1.473	1.621	1.324	pass
GOS21-81	435684	Standard	OREAS 504c	1.477	1.473	1.621	1.324	pass
GOS21-81	435784	Standard	OREAS 504c	1.512	1.473	1.621	1.324	pass
GOS21-81	435884	Standard	OREAS 504c	1.477	1.473	1.621	1.324	pass
GOS21-81	435984	Standard	OREAS 504c	1.458	1.473	1.621	1.324	pass
GOS21-82	431384	Standard	OREAS 504c	1.423	1.473	1.621	1.324	pass
GOS21-82	431484	Standard	OREAS 504c	1.444	1.473	1.621	1.324	pass
GOS21-82	433684	Standard	OREAS 504c	1.514	1.473	1.621	1.324	pass
GOS21-82	433784	Standard	OREAS 504c	1.482	1.473	1.621	1.324	pass
GOS21-82	433584	Standard	OREAS 504c	1.598	1.473	1.621	1.324	pass
GOS21-84	434284	Standard	OREAS 504c	1.47	1.473	1.621	1.324	pass
GOS21-84	434384	Standard	OREAS 504c	1.483	1.473	1.621	1.324	pass
GOS21-84	434184	Standard	OREAS 504c	1.51	1.473	1.621	1.324	pass
GOS21-84	440984	Standard	OREAS 504c	1.535	1.473	1.621	1.324	pass
GOS21-84	434084	Standard	OREAS 504c	1.504	1.473	1.621	1.324	pass
GOS21-85	436084	Standard	OREAS 504c	1.472	1.473	1.621	1.324	pass
GOS21-85	436184	Standard	OREAS 504c	1.464	1.473	1.621	1.324	pass
GOS21-85	436284	Standard	OREAS 504c	1.431	1.473	1.621	1.324	pass
GOS21-85	436384	Standard	OREAS 504c	1.472	1.473	1.621	1.324	pass
GOS21-85	436484	Standard	OREAS 504c	1.463	1.473	1.621	1.324	pass
GOS21-86	434584	Standard	OREAS 504c	1.539	1.473	1.621	1.324	pass
GOS21-86	434684	Standard	OREAS 504c	1.502	1.473	1.621	1.324	pass
GOS21-86	434784	Standard	OREAS 504c	1.52	1.473	1.621	1.324	pass
GOS21-86	434884	Standard	OREAS 504c	1.45	1.473	1.621	1.324	pass
GOS21-86	434484	Standard	OREAS 504c	1.497	1.473	1.621	1.324	pass

GOS21-88	431684	Standard	OREAS 504c	1.424	1.473	1.621	1.324	pass
GOS21-88	431784	Standard	OREAS 504c	1.431	1.473	1.621	1.324	pass
GOS21-88	431884	Standard	OREAS 504c	1.49	1.473	1.621	1.324	pass
GOS21-88	434984	Standard	OREAS 504c	1.48	1.473	1.621	1.324	pass
GOS21-88	431584	Standard	OREAS 504c	1.487	1.473	1.621	1.324	pass
GOS21-90	439484	Standard	OREAS 504c	1.398	1.473	1.621	1.324	pass
GOS21-90	448084	Standard	OREAS 504c	1.453	1.473	1.621	1.324	pass
GOS21-90	439384	Standard	OREAS 504c	1.432	1.473	1.621	1.324	pass
GOS21-90	448184	Standard	OREAS 504c	1.522	1.473	1.621	1.324	pass
GOS21-90	439284	Standard	OREAS 504c	1.499	1.473	1.621	1.324	pass
GOS21-91	442484	Standard	OREAS 504c	1.485	1.473	1.621	1.324	pass
GOS21-83	438784	Standard	OREAS 504c	1.49	1.473	1.621	1.324	pass
GOS21-83	438884	Standard	OREAS 504c	1.47	1.473	1.621	1.324	pass
GOS21-83	438984	Standard	OREAS 504c	1.51	1.473	1.621	1.324	pass
GOS21-83	439084	Standard	OREAS 504c	1.53	1.473	1.621	1.324	pass
GOS21-83	439184	Standard	OREAS 504c	1.41	1.473	1.621	1.324	pass
GOS21-87	445084	Standard	OREAS 504c	1.41	1.473	1.621	1.324	pass
GOS21-87	445184	Standard	OREAS 504c	1.40	1.473	1.621	1.324	pass
GOS21-87	445284	Standard	OREAS 504c	1.48	1.473	1.621	1.324	pass
GOS21-87	445384	Standard	OREAS 504c	1.52	1.473	1.621	1.324	pass
GOS21-87	445484	Standard	OREAS 504c	1.44	1.473	1.621	1.324	pass
GOS21-92	448284	Standard	OREAS 504c	1.55	1.473	1.621	1.324	pass
GOS21-92	448384	Standard	OREAS 504c	1.46	1.473	1.621	1.324	pass
GOS21-92	448484	Standard	OREAS 504c	1.43	1.473	1.621	1.324	pass
GOS21-92	448584	Standard	OREAS 504c	1.52	1.473	1.621	1.324	pass
GOS21-92	448684	Standard	OREAS 504c	1.48	1.473	1.621	1.324	pass
GOS21-92	448784	Standard	OREAS 504c	1.495	1.473	1.621	1.324	pass
GOS21-93	433384	Standard	OREAS 504c	1.45	1.473	1.621	1.324	pass
GOS21-93	433484	Standard	OREAS 504c	1.47	1.473	1.621	1.324	pass
GOS21-93	433984	Standard	OREAS 504c	1.43	1.473	1.621	1.324	pass
GOS21-94	443584	Standard	OREAS 504c	1.48	1.473	1.621	1.324	pass
GOS21-94	443684	Standard	OREAS 504c	1.50	1.473	1.621	1.324	pass
GOS21-94	443784	Standard	OREAS 504c	1.51	1.473	1.621	1.324	pass
GOS21-94	443884	Standard	OREAS 504c	1.49	1.473	1.621	1.324	pass
GOS21-94	443984	Standard	OREAS 504c	1.45	1.473	1.621	1.324	pass
GOS21-94	450484	Standard	OREAS 504c	1.46	1.473	1.621	1.324	pass
GOS21-95	448884	Standard	OREAS 504c	1.51	1.473	1.621	1.324	pass
GOS21-95	448984	Standard	OREAS 504c	1.49	1.473	1.621	1.324	pass
GOS21-95	449084	Standard	OREAS 504c	1.50	1.473	1.621	1.324	pass
GOS21-95	449184	Standard	OREAS 504c	1.59	1.473	1.621	1.324	pass
GOS21-95	449284	Standard	OREAS 504c	1.48	1.473	1.621	1.324	pass
GOS21-96	449584	Standard	OREAS 504c	1.51	1.473	1.621	1.324	pass
GOS21-96	449684	Standard	OREAS 504c	1.42	1.473	1.621	1.324	pass
GOS21-96	449784	Standard	OREAS 504c	1.46	1.473	1.621	1.324	pass
GOS21-96	449884	Standard	OREAS 504c	1.45	1.473	1.621	1.324	pass
GOS21-97	442084	Standard	OREAS 504c	1.49	1.473	1.621	1.324	pass
GOS21-98	441084	Standard	OREAS 504c	1.45	1.473	1.621	1.324	pass

GOS21-98	442184	Standard	OREAS 504c	1.52	1.473	1.621	1.324	pass
GOS21-98	442284	Standard	OREAS 504c	1.50	1.473	1.621	1.324	pass
GOS21-98	442384	Standard	OREAS 504c	1.56	1.473	1.621	1.324	pass
GOS21-99	449384	Standard	OREAS 504c	1.489	1.473	1.621	1.324	pass
GOS21-99	449484	Standard	OREAS 504c	1.431	1.473	1.621	1.324	pass
GOS21-99	442584	Standard	OREAS 504c	1.508	1.473	1.621	1.324	pass
GOS21-99	442684	Standard	OREAS 504c	1.591	1.473	1.621	1.324	pass
GOS21-99	442784	Standard	OREAS 504c	1.561	1.473	1.621	1.324	pass
GOS21-100	444084	Standard	OREAS 504c	1.466	1.473	1.621	1.324	pass
GOS21-100	444184	Standard	OREAS 504c	1.43	1.473	1.621	1.324	pass
GOS21-100	444284	Standard	OREAS 504c	1.518	1.473	1.621	1.324	pass
GOS21-100	444384	Standard	OREAS 504c	1.468	1.473	1.621	1.324	pass
GOS21-101	442884	Standard	OREAS 504c	1.429	1.473	1.621	1.324	pass
GOS21-101	442984	Standard	OREAS 504c	1.488	1.473	1.621	1.324	pass
GOS21-101	443084	Standard	OREAS 504c	1.446	1.473	1.621	1.324	pass
GOS21-101	443184	Standard	OREAS 504c	1.539	1.473	1.621	1.324	pass
GOS21-102	446584	Standard	OREAS 504c	1.428	1.473	1.621	1.324	pass
GOS21-102	446684	Standard	OREAS 504c	1.429	1.473	1.621	1.324	pass
GOS21-102	446784	Standard	OREAS 504c	1.383	1.473	1.621	1.324	pass
GOS21-102	446884	Standard	OREAS 504c	1.53	1.473	1.621	1.324	pass
GOS21-103	262284	Standard	OREAS 504c	1.509	1.473	1.621	1.324	pass
GOS21-103	262384	Standard	OREAS 504c	1.498	1.473	1.621	1.324	pass
GOS21-103	262484	Standard	OREAS 504c	1.413	1.473	1.621	1.324	pass
GOS21-103	441584	Standard	OREAS 504c	1.445	1.473	1.621	1.324	pass
GOS21-103	441684	Standard	OREAS 504c	1.446	1.473	1.621	1.324	pass
GOS21-103	441784	Standard	OREAS 504c	1.46	1.473	1.621	1.324	pass

Hole_ID	QC_Samp le_No	QC_Type	Standard	AU_FINAL _GPT	Mean	UCL (3sd)	LCL(3sd)	0.17760428
GOS20-62	260960	Standard	OREAS 507	0.171	0.178	0.198	0.157	pass
GOS21-63	254060	Standard	OREAS 507	0.177	0.178	0.198	0.157	pass
GOS21-63	254160	Standard	OREAS 507	0.164	0.178	0.198	0.157	pass
GOS21-63	254260	Standard	OREAS 507	0.180	0.178	0.198	0.157	pass
GOS21-64	262060	Standard	OREAS 507	0.177	0.178	0.198	0.157	pass
GOS21-65	1078561	Standard	OREAS 507	0.193	0.178	0.198	0.157	pass
GOS21-65	1078660	Standard	OREAS 507	0.178	0.178	0.198	0.157	pass
GOS21-65	1078760	Standard	OREAS 507	0.178	0.178	0.198	0.157	pass
GOS21-65	1078860	Standard	OREAS 507	0.183	0.178	0.198	0.157	pass
GOS21-65	1078960	Standard	OREAS 507	0.184	0.178	0.198	0.157	pass
GOS21-66	432060	Standard	OREAS 507	0.173	0.178	0.198	0.157	pass
GOS21-66	432160	Standard	OREAS 507	0.188	0.178	0.198	0.157	pass
GOS21-66	432260	Standard	OREAS 507	0.170	0.178	0.198	0.157	pass
GOS21-66	432360	Standard	OREAS 507	0.176	0.178	0.198	0.157	pass
GOS21-66	432460	Standard	OREAS 507	0.182	0.178	0.198	0.157	pass
GOS21-67	438060	Standard	OREAS 507	0.173	0.178	0.198	0.157	pass
GOS21-68	431060	Standard	OREAS 507	0.184	0.178	0.198	0.157	pass
GOS21-68	438160	Standard	OREAS 507	0.170	0.178	0.198	0.157	pass
GOS21-68	438260	Standard	OREAS 507	0.174	0.178	0.198	0.157	pass
GOS21-68	438360	Standard	OREAS 507	0.165	0.178	0.198	0.157	pass
GOS21-68	438460	Standard	OREAS 507	0.179	0.178	0.198	0.157	pass
GOS21-69	432560	Standard	OREAS 507	0.183	0.178	0.198	0.157	pass
GOS21-69	432660	Standard	OREAS 507	0.186	0.178	0.198	0.157	pass
GOS21-69	432760	Standard	OREAS 507	0.178	0.178	0.198	0.157	pass
GOS21-69	432860	Standard	OREAS 507	0.171	0.178	0.198	0.157	pass
GOS21-70	254360	Standard	OREAS 507	0.169	0.178	0.198	0.157	pass
GOS21-70	254460	Standard	OREAS 507	0.174	0.178	0.198	0.157	pass
GOS21-70	432960	Standard	OREAS 507	0.177	0.178	0.198	0.157	pass
GOS21-70	436560	Standard	OREAS 507	0.175	0.178	0.198	0.157	pass
GOS21-70	436660	Standard	OREAS 507	0.179	0.178	0.198	0.157	pass
GOS21-71	435060	Standard	OREAS 507	0.169	0.178	0.198	0.157	pass
GOS21-71	435160	Standard	OREAS 507	0.17	0.178	0.198	0.157	pass
GOS21-71	435260	Standard	OREAS 507	0.174	0.178	0.198	0.157	pass
GOS21-71	435360	Standard	OREAS 507	0.179	0.178	0.198	0.157	pass
GOS21-71	435460	Standard	OREAS 507	0.16	0.178	0.198	0.157	pass
GOS21-72	436760	Standard	OREAS 507	0.169	0.178	0.198	0.157	pass
GOS21-72	436860	Standard	OREAS 507	0.172	0.178	0.198	0.157	pass
GOS21-72	436960	Standard	OREAS 507	0.178	0.178	0.198	0.157	pass
GOS21-73	431160	Standard	OREAS 507	0.174	0.178	0.198	0.157	pass
GOS21-73	431260	Standard	OREAS 507	0.172	0.178	0.198	0.157	pass
GOS21-74	437060	Standard	OREAS 507	0.165	0.178	0.198	0.157	pass
GOS21-74	437160	Standard	OREAS 507	0.173	0.178	0.198	0.157	pass
GOS21-74	437260	Standard	OREAS 507	0.175	0.178	0.198	0.157	pass
GOS21-74	437360	Standard	OREAS 507	0.173	0.178	0.198	0.157	pass
GOS21-74	437460	Standard	OREAS 507	0.168	0.178	0.198	0.157	pass

GOS21-75	440060	Standard	OREAS 507	0.171	0.178	0.198	0.157	pass
GOS21-75	440160	Standard	OREAS 507	0.178	0.178	0.198	0.157	pass
GOS21-75	440260	Standard	OREAS 507	0.18	0.178	0.198	0.157	pass
GOS21-75	440360	Standard	OREAS 507	0.175	0.178	0.198	0.157	pass
GOS21-76	439560	Standard	OREAS 507	0.175	0.178	0.198	0.157	pass
GOS21-76	439660	Standard	OREAS 507	0.179	0.178	0.198	0.157	pass
GOS21-76	433060	Standard	OREAS 507	0.175	0.178	0.198	0.157	pass
GOS21-76	433160	Standard	OREAS 507	0.184	0.178	0.198	0.157	pass
GOS21-76	433236	Standard	OREAS 507	0.68	0.178	0.198	0.157	fail
GOS21-76	433260	Standard	OREAS 507	0.186	0.178	0.198	0.157	pass
GOS21-78	439760	Standard	OREAS 507	0.178	0.178	0.198	0.157	pass
GOS21-78	439860	Standard	OREAS 507	0.181	0.178	0.198	0.157	pass
GOS21-78	438560	Standard	OREAS 507	0.169	0.178	0.198	0.157	pass
GOS21-78	438660	Standard	OREAS 507	0.173	0.178	0.198	0.157	pass
GOS21-78	439960	Standard	OREAS 507	0.175	0.178	0.198	0.157	pass
GOS21-79	437660	Standard	OREAS 507	0.184	0.178	0.198	0.157	pass
GOS21-79	437760	Standard	OREAS 507	0.172	0.178	0.198	0.157	pass
GOS21-79	437860	Standard	OREAS 507	0.175	0.178	0.198	0.157	pass
GOS21-79	437960	Standard	OREAS 507	0.179	0.178	0.198	0.157	pass
GOS21-79	437560	Standard	OREAS 507	0.174	0.178	0.198	0.157	pass
GOS21-80	440560	Standard	OREAS 507	0.182	0.178	0.198	0.157	pass
GOS21-80	440660	Standard	OREAS 507	0.17	0.178	0.198	0.157	pass
GOS21-80	440760	Standard	OREAS 507	0.176	0.178	0.198	0.157	pass
GOS21-80	440460	Standard	OREAS 507	0.165	0.178	0.198	0.157	pass
GOS21-80	440860	Standard	OREAS 507	0.183	0.178	0.198	0.157	pass
GOS21-80	440960	Standard	OREAS 507	0.183	0.178	0.198	0.157	pass
GOS21-81	435560	Standard	OREAS 507	0.178	0.178	0.198	0.157	pass
GOS21-81	435660	Standard	OREAS 507	0.176	0.178	0.198	0.157	pass
GOS21-81	435760	Standard	OREAS 507	0.179	0.178	0.198	0.157	pass
GOS21-81	435860	Standard	OREAS 507	0.173	0.178	0.198	0.157	pass
GOS21-81	435960	Standard	OREAS 507	0.171	0.178	0.198	0.157	pass
GOS21-81	438760	Standard	OREAS 507	0.167	0.178	0.198	0.157	pass
GOS21-82	431460	Standard	OREAS 507	0.174	0.178	0.198	0.157	pass
GOS21-82	433560	Standard	OREAS 507	0.18	0.178	0.198	0.157	pass
GOS21-82	433760	Standard	OREAS 507	0.174	0.178	0.198	0.157	pass
GOS21-82	431360	Standard	OREAS 507	0.174	0.178	0.198	0.157	pass
GOS21-82	433660	Standard	OREAS 507	0.183	0.178	0.198	0.157	pass
GOS21-84	434360	Standard	OREAS 507	0.17	0.178	0.198	0.157	pass
GOS21-84	434260	Standard	OREAS 507	0.174	0.178	0.198	0.157	pass
GOS21-84	434160	Standard	OREAS 507	0.182	0.178	0.198	0.157	pass
GOS21-84	434060	Standard	OREAS 507	0.182	0.178	0.198	0.157	pass
GOS21-85	436060	Standard	OREAS 507	0.168	0.178	0.198	0.157	pass
GOS21-85	436160	Standard	OREAS 507	0.174	0.178	0.198	0.157	pass
GOS21-85	436260	Standard	OREAS 507	0.17	0.178	0.198	0.157	pass
GOS21-85	436360	Standard	OREAS 507	0.178	0.178	0.198	0.157	pass
GOS21-85	436460	Standard	OREAS 507	0.17	0.178	0.198	0.157	pass
GOS21-86	434560	Standard	OREAS 507	0.176	0.178	0.198	0.157	pass

GOS21-86	434660	Standard	OREAS 507	0.176	0.178	0.198	0.157	pass
GOS21-86	434760	Standard	OREAS 507	0.181	0.178	0.198	0.157	pass
GOS21-86	434860	Standard	OREAS 507	0.182	0.178	0.198	0.157	pass
GOS21-86	434460	Standard	OREAS 507	0.186	0.178	0.198	0.157	pass
GOS21-88	431760	Standard	OREAS 507	0.154	0.178	0.198	0.157	fail
GOS21-88	431660	Standard	OREAS 507	0.171	0.178	0.198	0.157	pass
GOS21-88	431860	Standard	OREAS 507	0.177	0.178	0.198	0.157	pass
GOS21-88	434960	Standard	OREAS 507	0.173	0.178	0.198	0.157	pass
GOS21-88	431560	Standard	OREAS 507	0.175	0.178	0.198	0.157	pass
GOS21-89	439260	Standard	OREAS 507	0.179	0.178	0.198	0.157	pass
GOS21-90	448160	Standard	OREAS 507	0.181	0.178	0.198	0.157	pass
GOS21-90	448060	Standard	OREAS 507	0.172	0.178	0.198	0.157	pass
GOS21-90	439360	Standard	OREAS 507	0.172	0.178	0.198	0.157	pass
GOS21-90	439460	Standard	OREAS 507	0.188	0.178	0.198	0.157	pass
GOS21-91	442460	Standard	OREAS 507	0.173	0.178	0.198	0.157	pass
GOS21-83	438860	Standard	OREAS 507	0.181	0.178	0.198	0.157	pass
GOS21-83	438960	Standard	OREAS 507	0.157	0.178	0.198	0.157	fail
GOS21-83	439060	Standard	OREAS 507	0.176	0.178	0.198	0.157	pass
GOS21-83	439160	Standard	OREAS 507	0.179	0.178	0.198	0.157	pass
GOS21-87	445060	Standard	OREAS 507	0.168	0.178	0.198	0.157	pass
GOS21-87	445160	Standard	OREAS 507	0.176	0.178	0.198	0.157	pass
GOS21-87	445260	Standard	OREAS 507	0.176	0.178	0.198	0.157	pass
GOS21-87	445360	Standard	OREAS 507	0.176	0.178	0.198	0.157	pass
GOS21-87	445460	Standard	OREAS 507	0.177	0.178	0.198	0.157	pass
GOS21-92	448260	Standard	OREAS 507	0.176	0.178	0.198	0.157	pass
GOS21-92	448360	Standard	OREAS 507	0.166	0.178	0.198	0.157	pass
GOS21-92	448460	Standard	OREAS 507	0.173	0.178	0.198	0.157	pass
GOS21-92	448560	Standard	OREAS 507	0.182	0.178	0.198	0.157	pass
GOS21-92	448660	Standard	OREAS 507	0.184	0.178	0.198	0.157	pass
GOS21-92	448760	Standard	OREAS 507	0.178	0.178	0.198	0.157	pass
GOS21-93	433360	Standard	OREAS 507	0.173	0.178	0.198	0.157	pass
GOS21-93	433460	Standard	OREAS 507	0.175	0.178	0.198	0.157	pass
GOS21-94	443560	Standard	OREAS 507	0.167	0.178	0.198	0.157	pass
GOS21-94	443660	Standard	OREAS 507	0.176	0.178	0.198	0.157	pass
GOS21-94	443760	Standard	OREAS 507	0.171	0.178	0.198	0.157	pass
GOS21-94	443860	Standard	OREAS 507	0.173	0.178	0.198	0.157	pass
GOS21-94	443960	Standard	OREAS 507	0.18	0.178	0.198	0.157	pass
GOS21-94	450460	Standard	OREAS 507	0.184	0.178	0.198	0.157	pass
GOS21-95	448860	Standard	OREAS 507	0.191	0.178	0.198	0.157	pass
GOS21-95	448960	Standard	OREAS 507	0.187	0.178	0.198	0.157	pass
GOS21-95	449060	Standard	OREAS 507	0.187	0.178	0.198	0.157	pass
GOS21-95	449160	Standard	OREAS 507	0.193	0.178	0.198	0.157	pass
GOS21-95	449260	Standard	OREAS 507	0.192	0.178	0.198	0.157	pass
GOS21-96	449560	Standard	OREAS 507	0.176	0.178	0.198	0.157	pass
GOS21-96	449660	Standard	OREAS 507	0.192	0.178	0.198	0.157	pass
GOS21-96	449760	Standard	OREAS 507	0.168	0.178	0.198	0.157	pass
GOS21-96	449860	Standard	OREAS 507	0.181	0.178	0.198	0.157	pass

GOS21-96	449960	Standard	OREAS 507	0.181	0.178	0.198	0.157	pass
GOS21-97	442060	Standard	OREAS 507	0.192	0.178	0.198	0.157	pass
GOS21-98	441060	Standard	OREAS 507	0.174	0.178	0.198	0.157	pass
GOS21-98	441160	Standard	OREAS 507	0.187	0.178	0.198	0.157	pass
GOS21-98	442160	Standard	OREAS 507	0.183	0.178	0.198	0.157	pass
GOS21-98	442260	Standard	OREAS 507	0.178	0.178	0.198	0.157	pass
GOS21-98	442360	Standard	OREAS 507	0.182	0.178	0.198	0.157	pass
GOS21-100	444060	Standard	OREAS 507	0.18	0.178	0.198	0.157	pass
GOS21-100	444160	Standard	OREAS 507	0.18	0.178	0.198	0.157	pass
GOS21-100	444260	Standard	OREAS 507	0.19	0.178	0.198	0.157	pass
GOS21-100	444360	Standard	OREAS 507	0.18	0.178	0.198	0.157	pass
GOS21-101	442860	Standard	OREAS 507	0.19	0.178	0.198	0.157	pass
GOS21-101	442960	Standard	OREAS 507	0.18	0.178	0.198	0.157	pass
GOS21-101	443060	Standard	OREAS 507	0.18	0.178	0.198	0.157	pass
GOS21-101	443160	Standard	OREAS 507	0.19	0.178	0.198	0.157	pass
GOS21-101	443260	Standard	OREAS 507	0.19	0.178	0.198	0.157	pass
GOS21-102	446560	Standard	OREAS 507	0.20	0.178	0.198	0.157	pass
GOS21-102	446660	Standard	OREAS 507	0.19	0.178	0.198	0.157	pass
GOS21-102	446760	Standard	OREAS 507	0.18	0.178	0.198	0.157	pass
GOS21-102	446860	Standard	OREAS 507	0.18	0.178	0.198	0.157	pass
GOS21-103	262260	Standard	OREAS 507	0.20	0.178	0.198	0.157	fail
GOS21-103	262360	Standard	OREAS 507	0.19	0.178	0.198	0.157	pass
GOS21-103	262460	Standard	OREAS 507	0.18	0.178	0.198	0.157	pass
GOS21-103	441560	Standard	OREAS 507	0.18	0.178	0.198	0.157	pass
GOS21-103	441660	Standard	OREAS 507	0.19	0.178	0.198	0.157	pass
GOS21-103	441760	Standard	OREAS 507	0.16	0.178	0.198	0.157	pass
GOS21-99	449360	Standard	OREAS 507	0.18	0.178	0.198	0.157	pass
GOS21-99	449460	Standard	OREAS 507	0.18	0.178	0.198	0.157	pass
GOS21-99	442560	Standard	OREAS 507	0.18	0.178	0.198	0.157	pass
GOS21-99	442660	Standard	OREAS 507	0.17	0.178	0.198	0.157	pass
GOS21-99	442760	Standard	OREAS 507	0.19	0.178	0.198	0.157	pass

Hole_ID	QC_Sample_No	Duplicate of	QC_Type	AU_FINAL_GPT_DUP	AU_FINAL_GPT_ORIG	% difference (/Orig)
GOS21-63	254010	254009	Field Duplicate	0.063	0.043	-46.51
GOS21-63	254030	254029	Field Duplicate	2.038	2.49	18.15
GOS21-63	254050	254049	Field Duplicate	0.028	0.03	6.67
GOS21-63	254070	254069	Field Duplicate	0.025	0.033	24.24
GOS21-63	254090	254089	Field Duplicate	0.038	0.078	51.28
GOS21-63	254110	254109	Field Duplicate	0.081	0.042	-92.86
GOS21-63	254130	254129	Field Duplicate	0.078	0.05	-56.00
GOS21-63	254150	254149	Field Duplicate	0.132	0.096	-37.50
GOS21-63	254170	254169	Field Duplicate	0.032	0.027	-18.52
GOS21-63	254190	254189	Field Duplicate	0.039	0.057	31.58
GOS21-63	254210	254209	Field Duplicate	0.017	0.029	41.38
GOS21-63	254230	254229	Field Duplicate	0.115	0.128	10.16
GOS21-63	254250	254249	Field Duplicate	0.102	0.149	31.54
GOS21-63	254270	254269	Field Duplicate	0.174	0.27	35.56
GOS21-63	254290	254289	Field Duplicate	0.256	0.234	-9.40
GOS21-64	262010	262009	Field Duplicate	0.094	0.149	36.91
GOS21-64	262030	262029	Field Duplicate	0.152	0.132	-15.15
GOS21-64	262050	262049	Field Duplicate	0.082	0.115	28.70
GOS21-64	262070	262069	Field Duplicate	0.006	0.023	73.91
GOS21-64	262090	262089	Field Duplicate	0.048	0.053	9.43
GOS21-64	262110	262109	Field Duplicate	0.024	0.015	-60.00
GOS21-64	262130	262129	Field Duplicate	0.225	0.525	57.14
GOS21-64	262150	262149	Field Duplicate	0.394	0.356	-10.67
GOS21-65	432010	432009	Field Duplicate	0.125	0.1	-25.00
GOS21-65	1078570	1078569	Field Duplicate	0.01	0.009	-11.11
GOS21-65	1078590	1078589	Field Duplicate	0.005	0.005	0.00
GOS21-65	1078610	1078609	Field Duplicate	0.067	0.034	-97.06
GOS21-65	1078630	1078629	Field Duplicate	0.041	0.04	-2.50
GOS21-65	1078650	1078649	Field Duplicate	0.252	0.053	-375.47
GOS21-65	1078670	1078669	Field Duplicate	0.089	0.072	-23.61
GOS21-65	1078690	1078689	Field Duplicate	0.363	0.13	-179.23
GOS21-65	1078710	1078709	Field Duplicate	0.459	0.295	-55.59
GOS21-65	1078730	1078729	Field Duplicate	0.06	0.062	3.23
GOS21-65	1078750	1078749	Field Duplicate	0.393	0.419	6.21
GOS21-65	1078770	1078769	Field Duplicate	0.229	0.203	-12.81
GOS21-65	1078790	1078789	Field Duplicate	0.288	0.11	-161.82
GOS21-65	1078810	1078809	Field Duplicate	0.115	1.056	89.11
GOS21-65	1078830	1078829	Field Duplicate	0.062	0.059	-5.08
GOS21-65	1078850	1078849	Field Duplicate	0.216	0.225	4.00
GOS21-65	1078870	1078869	Field Duplicate	0.08	0.085	5.88
GOS21-65	1078890	1078889	Field Duplicate	0.383	0.643	40.44
GOS21-65	1078910	1078909	Field Duplicate	0.013	0.011	-18.18
GOS21-65	1078930	1078929	Field Duplicate	0.42	0.543	22.65
GOS21-65	1078950	1078949	Field Duplicate	0.341	0.303	-12.54
GOS21-65	1078970	1078969	Field Duplicate	0.492	0.176	-179.55

GOS21-65	1078990	1078989	Field Duplicate	0.006	0.023	73.91
GOS21-66	432030	432029	Field Duplicate	0.029	0.053	45.28
GOS21-66	432050	432049	Field Duplicate	0.12	0.178	32.58
GOS21-66	432070	432069	Field Duplicate	0.005	0.005	0.00
GOS21-66	432090	432089	Field Duplicate	0.241	0.087	-177.01
GOS21-66	432110	432109	Field Duplicate	0.059	0.068	13.24
GOS21-66	432130	432129	Field Duplicate	0.125	0.151	17.22
GOS21-66	432150	432149	Field Duplicate	0.157	0.14	-12.14
GOS21-66	432170	432169	Field Duplicate	0.021	0.127	83.46
GOS21-66	432190	432189	Field Duplicate	0.04	0.015	-166.67
GOS21-66	432210	432209	Field Duplicate	0.011	0.005	-120.00
GOS21-66	432230	432229	Field Duplicate	0.143	0.103	-38.83
GOS21-66	432250	432249	Field Duplicate	0.067	0.015	-346.67
GOS21-66	432270	432269	Field Duplicate	0.15	0.12	-25.00
GOS21-66	432290	432289	Field Duplicate	1.615	0.999	-61.66
GOS21-66	432310	432309	Field Duplicate	0.167	0.184	9.24
GOS21-66	432330	432329	Field Duplicate	2.237	2.124	-5.32
GOS21-66	432350	432349	Field Duplicate	0.837	0.931	10.10
GOS21-66	432370	432369	Field Duplicate	1.479	2.948	49.83
GOS21-66	432390	432389	Field Duplicate	1.868	0.755	-147.42
GOS21-66	432410	432409	Field Duplicate	0.698	0.643	-8.55
GOS21-66	432430	432429	Field Duplicate	0.848	1.521	44.25
GOS21-66	432450	432449	Field Duplicate	2.783	2.888	3.64
GOS21-66	432470	432468	Field Duplicate	4.27	5.71	25.22
GOS21-66	432490	432489	Field Duplicate	0.62	0.365	-69.86
GOS21-66	432510	432509	Field Duplicate	0.014	0.011	-27.27
GOS21-67	438010	438009	Field Duplicate	0.005	0.005	0.00
GOS21-67	438030	438029	Field Duplicate	0.149	0.123	-21.14
GOS21-67	438050	438049	Field Duplicate	0.088	0.06	-46.67
GOS21-67	438070	438069	Field Duplicate	0.289	0.179	-61.45
GOS21-67	438090	438089	Field Duplicate	0.025	0.012	-108.33
GOS21-67	438110	438109	Field Duplicate	0.495	0.058	-753.45
GOS21-67	438130	438129	Field Duplicate	0.078	0.072	-8.33
GOS21-67	438150	438149	Field Duplicate	3.67	1.922	-90.95
GOS21-68	431010	431009	Field Duplicate	1.495	2.884	48.16
GOS21-68	431030	431029	Field Duplicate	0.536	0.439	-22.10
GOS21-68	431050	431049	Field Duplicate	1.226	1.226	0.00
GOS21-68	431070	431069	Field Duplicate	2.493	1.226	-103.34
GOS21-68	431090	431089	Field Duplicate	0.199	0.367	45.78
GOS21-68	431110	431109	Field Duplicate	0.402	0.242	-66.12
GOS21-68	431130	431129	Field Duplicate	0.205	0.323	36.53
GOS21-68	431150	431149	Field Duplicate	0.12	0.246	51.22
GOS21-68	438170	438169	Field Duplicate	0.043	0.017	-152.94
GOS21-68	438190	438189	Field Duplicate	0.054	0.038	-42.11
GOS21-68	438210	438209	Field Duplicate	0.091	0.071	-28.17
GOS21-68	438230	438229	Field Duplicate	0.04	0.09	55.56
GOS21-68	438250	438249	Field Duplicate	0.247	0.378	34.66

GOS21-68	438270	438269	Field Duplicate	0.228	0.129	-76.74
GOS21-68	438290	438289	Field Duplicate	0.069	0.017	-305.88
GOS21-68	438310	438309	Field Duplicate	0.077	0.101	23.76
GOS21-68	438330	438329	Field Duplicate	0.024	0.032	25.00
GOS21-68	438350	438349	Field Duplicate	0.009	0.015	40.00
GOS21-68	438370	438369	Field Duplicate	0.258	0.238	-8.40
GOS21-68	438390	438389	Field Duplicate	0.049	0.011	-345.45
GOS21-68	438410	438409	Field Duplicate	0.834	1.205	30.79
GOS21-68	438430	438429	Field Duplicate	0.911	0.854	-6.67
GOS21-68	438450	438449	Field Duplicate	0.137	0.153	10.46
GOS21-68	438470	438469	Field Duplicate	0.865	1.343	35.59
GOS21-68	438490	438489	Field Duplicate	0.899	1.124	20.02
GOS21-69	432670	432669	Field Duplicate	0.039	0.008	-387.50
GOS21-69	432690	432689	Field Duplicate	0.507	0.644	21.27
GOS21-69	432710	432709	Field Duplicate	0.235	0.596	60.57
GOS21-69	432730	432729	Field Duplicate	0.11	0.103	-6.80
GOS21-69	432750	432749	Field Duplicate	0.699	0.422	-65.64
GOS21-69	432770	432769	Field Duplicate	0.613	0.462	-32.68
GOS21-69	432790	432789	Field Duplicate	0.549	0.361	-52.08
GOS21-69	432810	432809	Field Duplicate	0.769	0.44	-74.77
GOS21-69	432830	432829	Field Duplicate	0.587	0.365	-60.82
GOS21-69	432850	432849	Field Duplicate	0.544	0.684	20.47
GOS21-69	432870	432869	Field Duplicate	0.01	0.009	-11.11
GOS21-69	432890	432889	Field Duplicate	0.081	0.082	1.22
GOS21-69	432530	432529	Field Duplicate	0.15	0.011	-1263.64
GOS21-69	432550	432549	Field Duplicate	0.165	0.119	-38.66
GOS21-69	432570	432569	Field Duplicate	0.063	0.109	42.20
GOS21-69	432590	432589	Field Duplicate	0.04	0.254	84.25
GOS21-69	432610	432609	Field Duplicate	0.07	0.046	-52.17
GOS21-69	432630	432629	Field Duplicate	0.197	0.441	55.33
GOS21-69	432650	432649	Field Duplicate	0.24	0.089	-169.66
GOS21-70	254310	254309	Field Duplicate	0.033	0.049	32.65
GOS21-70	254330	254329	Field Duplicate	0.596	0.528	-12.88
GOS21-70	254350	254349	Field Duplicate	0.177	0.219	19.18
GOS21-70	254370	254369	Field Duplicate	0.415	0.315	-31.75
GOS21-70	254390	254389	Field Duplicate	0.346	0.282	-22.70
GOS21-70	254410	254409	Field Duplicate	0.529	0.747	29.18
GOS21-70	254430	254429	Field Duplicate	0.067	0.407	83.54
GOS21-70	254450	254449	Field Duplicate	0.168	0.13	-29.23
GOS21-70	254470	254469	Field Duplicate	0.096	0.033	-190.91
GOS21-70	254490	254489	Field Duplicate	0.329	0.251	-31.08
GOS21-70	432910	432909	Field Duplicate	0.1	0.082	-21.95
GOS21-70	432930	432929	Field Duplicate	0.04	0.054	25.93
GOS21-70	432950	432949	Field Duplicate	0.022	0.022	0.00
GOS21-70	432970	432969	Field Duplicate	0.046	0.082	43.90
GOS21-70	432990	432989	Field Duplicate	0.041	0.034	-20.59
GOS21-70	436510	436509	Field Duplicate	0.142	0.19	25.26

GOS21-70	436530	436529	Field Duplicate	0.04	0.391	89.77
GOS21-70	436550	436549	Field Duplicate	0.278	0.356	21.91
GOS21-70	436570	436569	Field Duplicate	0.134	0.11	-21.82
GOS21-70	436590	436589	Field Duplicate	0.151	0.14	-7.86
GOS21-70	436610	436609	Field Duplicate	0.435	0.525	17.14
GOS21-70	436630	436629	Field Duplicate	0.703	0.644	-9.16
GOS21-70	436650	436649	Field Duplicate	0.011	0.007	-57.14
GOS21-70	436670	436669	Field Duplicate	2.585	1.476	-75.14
GOS21-70	436690	436689	Field Duplicate	0.024	0.02	-20.00
GOS21-71	435310	435309	Field Duplicate	0.701	0.717	2.23
GOS21-71	435290	435289	Field Duplicate	0.125	0.143	12.59
GOS21-71	435270	435269	Field Duplicate	0.115	0.424	72.88
GOS21-71	435250	435249	Field Duplicate	0.152	0.182	16.48
GOS21-71	435230	435229	Field Duplicate	0.031	0.022	-40.91
GOS21-71	435210	435209	Field Duplicate	0.321	0.283	-13.43
GOS21-71	435190	435189	Field Duplicate	0.373	0.297	-25.59
GOS21-71	435170	435169	Field Duplicate	0.145	0.213	31.92
GOS21-71	435150	435149	Field Duplicate	0.13	0.103	-26.21
GOS21-71	435130	435129	Field Duplicate	0.029	0.041	29.27
GOS21-71	435450	435449	Field Duplicate	1.953	2.172	10.08
GOS21-71	435110	435109	Field Duplicate	0.351	0.13	-170.00
GOS21-71	435090	435089	Field Duplicate	0.062	0.078	20.51
GOS21-71	435070	435069	Field Duplicate	0.022	0.046	52.17
GOS21-71	435050	435049	Field Duplicate	0.179	0.188	4.79
GOS21-71	435030	435029	Field Duplicate	0.055	0.093	40.86
GOS21-71	435330	435329	Field Duplicate	0.015	0.018	16.67
GOS21-71	435010	435009	Field Duplicate	0.007	0.02	65.00
GOS21-71	435430	435429	Field Duplicate	1.911	0.992	-92.64
GOS21-71	435410	435409	Field Duplicate	1.033	2.01	48.61
GOS21-71	435390	435389	Field Duplicate	0.473	0.273	-73.26
GOS21-71	435370	435369	Field Duplicate	0.584	0.194	-201.03
GOS21-71	435350	435349	Field Duplicate	0.388	0.255	-52.16
GOS21-72	436910	436909	Field Duplicate	0.015	0.011	-36.36
GOS21-72	436970	436969	Field Duplicate	0.613	0.179	-242.46
GOS21-72	436950	436949	Field Duplicate	0.107	0.209	48.80
GOS21-72	436930	436929	Field Duplicate	0.053	0.042	-26.19
GOS21-72	436890	436889	Field Duplicate	0.024	0.03	20.00
GOS21-72	436870	436869	Field Duplicate	0.255	0.232	-9.91
GOS21-72	436850	436849	Field Duplicate	0.033	0.029	-13.79
GOS21-72	436810	436809	Field Duplicate	0.009	0.248	96.37
GOS21-72	436790	436789	Field Duplicate	0.005	0.005	0.00
GOS21-72	436770	436769	Field Duplicate	0.073	0.081	9.88
GOS21-72	436750	436749	Field Duplicate	0.116	0.263	55.89
GOS21-72	436990	436989	Field Duplicate	0.32	0.21	-52.38
GOS21-72	436730	436729	Field Duplicate	0.249	0.129	-93.02
GOS21-72	436710	436709	Field Duplicate	0.021	0.016	-31.25
GOS21-72	437010	437009	Field Duplicate	0.24	0.117	-105.13

GOS21-72	436830	436829	Field Duplicate	0.016	0.014	-14.29
GOS21-73	431230	431229	Field Duplicate	0.006	0.007	14.29
GOS21-73	435490	435489	Field Duplicate	0.03	0.041	26.83
GOS21-73	431170	431169	Field Duplicate	0.029	0.045	35.56
GOS21-73	431190	431189	Field Duplicate	0.005	0.005	0.00
GOS21-73	431210	431209	Field Duplicate	0.18	0.968	81.40
GOS21-73	435470	435469	Field Duplicate	0.043	0.038	-13.16
GOS21-73	431250	431249	Field Duplicate	0.109	0.037	-194.59
GOS21-73	431270	431269	Field Duplicate	0.04	0.049	18.37
GOS21-73	431290	431289	Field Duplicate	0.076	0.062	-22.58
GOS21-73	431310	431309	Field Duplicate	0.022	1.244	98.23
GOS21-74	437170	437169	Field Duplicate	0.04	0.027	-48.15
GOS21-74	437190	437189	Field Duplicate	0.037	0.062	40.32
GOS21-74	437210	437209	Field Duplicate	0.108	0.137	21.17
GOS21-74	437230	437229	Field Duplicate	2.442	1.461	-67.15
GOS21-74	437250	437249	Field Duplicate	0.123	0.136	9.56
GOS21-74	437270	437269	Field Duplicate	0.114	0.093	-22.58
GOS21-74	437290	437289	Field Duplicate	0.091	0.12	24.17
GOS21-74	437310	437309	Field Duplicate	0.253	1.09	76.79
GOS21-74	437330	437329	Field Duplicate	0.184	0.071	-159.15
GOS21-74	437350	437349	Field Duplicate	0.414	0.188	-120.21
GOS21-74	437370	437369	Field Duplicate	1.947	1.178	-65.28
GOS21-74	437390	437389	Field Duplicate	0.313	0.398	21.36
GOS21-74	437410	437409	Field Duplicate	1.499	2.62	42.79
GOS21-74	437430	437429	Field Duplicate	0.005	0.005	0.00
GOS21-74	437450	437449	Field Duplicate	0.123	0.156	21.15
GOS21-74	437470	437469	Field Duplicate	0.622	0.826	24.70
GOS21-74	437490	437489	Field Duplicate	0.287	0.329	12.77
GOS21-74	437510	437509	Field Duplicate	0.393	0.315	-24.76
GOS21-74	437030	437029	Field Duplicate	0.373	0.327	-14.07
GOS21-74	437050	437049	Field Duplicate	0.135	0.084	-60.71
GOS21-74	437070	437069	Field Duplicate	0.031	0.026	-19.23
GOS21-74	437090	437089	Field Duplicate	0.221	0.28	21.07
GOS21-74	437110	437109	Field Duplicate	0.005	0.005	0.00
GOS21-74	437130	437129	Field Duplicate	0.085	0.093	8.60
GOS21-74	437150	437149	Field Duplicate	0.086	0.155	44.52
GOS21-74	437530	437529	Field Duplicate	0.005	0.005	0.00
GOS21-75	440030	440029	Field Duplicate	0.063	0.085	25.88
GOS21-75	440050	440049	Field Duplicate	0.078	0.061	-27.87
GOS21-75	440070	440069	Field Duplicate	0.033	0.016	-106.25
GOS21-75	440090	440089	Field Duplicate	0.276	0.973	71.63
GOS21-75	440110	440109	Field Duplicate	0.45	0.1	-350.00
GOS21-75	440130	440129	Field Duplicate	0.005	0.005	0.00
GOS21-75	440150	440149	Field Duplicate	0.023	0.021	-9.52
GOS21-75	440170	440169	Field Duplicate	0.984	0.833	-18.13
GOS21-75	440190	440189	Field Duplicate	0.138	0.155	10.97
GOS21-75	440210	440209	Field Duplicate	0.007	0.005	-40.00

GOS21-75	440230	440229	Field Duplicate	0.453	0.219	-106.85
GOS21-75	440350	440349	Field Duplicate	0.406	0.674	39.76
GOS21-75	440370	440369	Field Duplicate	0.442	2.91	84.81
GOS21-75	440390	440389	Field Duplicate	3.42	4.88	29.92
GOS21-75	440410	440409	Field Duplicate	2.612	2.143	-21.89
GOS21-75	440430	440429	Field Duplicate	0.174	0.161	-8.07
GOS21-75	440450	440449	Field Duplicate	0.074	0.205	63.90
GOS21-75	440010	440009	Field Duplicate	0.115	0.155	25.81
GOS21-75	440250	440249	Field Duplicate	0.026	0.071	63.38
GOS21-75	440270	440269	Field Duplicate	0.14	0.113	-23.89
GOS21-75	440290	440289	Field Duplicate	0.178	0.171	-4.09
GOS21-75	440310	440309	Field Duplicate	0.049	0.072	31.94
GOS21-75	440330	440329	Field Duplicate	1.348	1.358	0.74
GOS21-76	439510	439509	Field Duplicate	0.065	0.018	-261.11
GOS21-76	439530	439529	Field Duplicate	0.197	0.213	7.51
GOS21-76	439550	439549	Field Duplicate	0.037	0.029	-27.59
GOS21-76	439570	439569	Field Duplicate	0.572	0.471	-21.44
GOS21-76	439590	439589	Field Duplicate	0.006	0.005	-20.00
GOS21-76	439610	439609	Field Duplicate	0.144	0.22	34.55
GOS21-76	439630	439629	Field Duplicate	0.176	0.165	-6.67
GOS21-76	439650	439649	Field Duplicate	0.005	0.005	0.00
GOS21-76	439670	439669	Field Duplicate	0.126	0.047	-168.09
GOS21-76	439690	439689	Field Duplicate	0.073	0.012	-508.33
GOS21-76	433030	433029	Field Duplicate	0.102	0.141	27.66
GOS21-76	433050	433049	Field Duplicate	0.061	0.052	-17.31
GOS21-76	433070	433069	Field Duplicate	0.237	0.175	-35.43
GOS21-76	433090	433089	Field Duplicate	0.074	0.099	25.25
GOS21-76	433110	433109	Field Duplicate	0.311	0.385	19.22
GOS21-76	433130	433129	Field Duplicate	0.455	0.447	-1.79
GOS21-76	433150	433149	Field Duplicate	0.658	0.807	18.46
GOS21-76	433170	433169	Field Duplicate	0.042	0.059	28.81
GOS21-76	433190	433189	Field Duplicate	0.248	0.622	60.13
GOS21-76	433210	433209	Field Duplicate	0.038	0.247	84.62
GOS21-76	439710	439709	Field Duplicate	0.042	0.014	-200.00
GOS21-76	433010	433009	Field Duplicate	0.005	0.023	78.26
GOS21-76	433230	433229	Field Duplicate	1.365	1.221	-11.79
GOS21-76	433250	433249	Field Duplicate	0.968	0.287	-237.28
GOS21-76	433270	433269	Field Duplicate	0.11	0.151	27.15
GOS21-76	433290	433289	Field Duplicate	0.005	0.007	28.57
GOS21-78	439750	439749	Field Duplicate	0.066	0.09	26.67
GOS21-78	439770	439769	Field Duplicate	0.091	0.139	34.53
GOS21-78	439790	439789	Field Duplicate	0.005	0.005	0.00
GOS21-78	439810	439809	Field Duplicate	0.093	0.074	-25.68
GOS21-78	439830	439829	Field Duplicate	0.034	0.026	-30.77
GOS21-78	439850	439849	Field Duplicate	0.013	0.034	61.76
GOS21-78	439870	439869	Field Duplicate	0.052	0.035	-48.57
GOS21-78	439890	439889	Field Duplicate	0.015	0.05	70.00

GOS21-78	439910	439909	Field Duplicate	0.149	0.079	-88.61
GOS21-78	439930	439929	Field Duplicate	0.006	0.005	-20.00
GOS21-78	439970	439969	Field Duplicate	0.029	0.1	71.00
GOS21-78	439990	439989	Field Duplicate	0.019	0.031	38.71
GOS21-78	438510	438509	Field Duplicate	0.258	0.692	62.72
GOS21-78	438530	438529	Field Duplicate	0.076	0.065	-16.92
GOS21-78	438550	438549	Field Duplicate	0.266	0.194	-37.11
GOS21-78	438570	438569	Field Duplicate	0.929	0.601	-54.58
GOS21-78	438590	438589	Field Duplicate	0.111	0.17	34.71
GOS21-78	438610	438609	Field Duplicate	0.011	0.011	0.00
GOS21-78	438630	438629	Field Duplicate	0.017	0.005	-240.00
GOS21-78	438650	438649	Field Duplicate	0.097	0.112	13.39
GOS21-78	439730	439729	Field Duplicate	0.167	0.31	46.13
GOS21-78	439950	439949	Field Duplicate	0.01	0.011	9.09
GOS21-78	438670	438669	Field Duplicate	0.005	0.012	58.33
GOS21-78	438690	438689	Field Duplicate	0.121	0.244	50.41
GOS21-78	438710	438709	Field Duplicate	0.016	0.135	88.15
GOS21-78	438730	438729	Field Duplicate	0.021	0.021	0.00
GOS21-79	437650	437649	Field Duplicate	0.147	0.104	-41.35
GOS21-79	437670	437669	Field Duplicate	0.028	0.005	-460.00
GOS21-79	437690	437689	Field Duplicate	4.1	21.7	81.11
GOS21-79	437710	437708	Field Duplicate	3.79	1.335	-183.90
GOS21-79	437730	437729	Field Duplicate	0.188	0.231	18.61
GOS21-79	437750	437749	Field Duplicate	0.264	0.235	-12.34
GOS21-79	437770	437769	Field Duplicate	0.105	0.105	0.00
GOS21-79	437790	437789	Field Duplicate	0.064	0.057	-12.28
GOS21-79	437810	437809	Field Duplicate	0.096	0.095	-1.05
GOS21-79	437830	437829	Field Duplicate	0.049	0.028	-75.00
GOS21-79	437850	437849	Field Duplicate	0.009	0.008	-12.50
GOS21-79	437870	437869	Field Duplicate	0.005	0.013	61.54
GOS21-79	437890	437889	Field Duplicate	0.005	0.005	0.00
GOS21-79	437910	437909	Field Duplicate	0.011	0.01	-10.00
GOS21-79	437930	437929	Field Duplicate	0.565	1.332	57.58
GOS21-79	437950	437949	Field Duplicate	0.127	0.167	23.95
GOS21-79	437970	437969	Field Duplicate	0.005	0.135	96.30
GOS21-79	437990	437989	Field Duplicate	0.03	0.043	30.23
GOS21-79	431330	431329	Field Duplicate	0.048	0.042	-14.29
GOS21-79	437550	437549	Field Duplicate	0.102	0.129	20.93
GOS21-79	437570	437569	Field Duplicate	0.21	0.12	-75.00
GOS21-79	437590	437588	Field Duplicate	9.89	69.4	85.75
GOS21-79	437610	437608	Field Duplicate	9.28	31.1	70.16
GOS21-79	437630	437629	Field Duplicate	1.317	0.434	-203.46
GOS21-80	440470	440469	Field Duplicate	0.195	0.129	-51.16
GOS21-80	440490	440489	Field Duplicate	0.461	0.424	-8.73
GOS21-80	440510	440509	Field Duplicate	0.005	0.005	0.00
GOS21-80	440530	440529	Field Duplicate	0.267	0.274	2.55
GOS21-80	440550	440549	Field Duplicate	1.629	2.074	21.46

GOS21-80	440570	440569	Field Duplicate	0.638	0.431	-48.03
GOS21-80	440590	440589	Field Duplicate	1.375	1.241	-10.80
GOS21-80	440610	440609	Field Duplicate	0.005	0.005	0.00
GOS21-80	440630	440629	Field Duplicate	0.147	0.097	-51.55
GOS21-80	440650	440649	Field Duplicate	0.407	0.241	-68.88
GOS21-80	440670	440669	Field Duplicate	0.014	0.006	-133.33
GOS21-80	440690	440689	Field Duplicate	0.36	0.1	-260.00
GOS21-80	440710	440709	Field Duplicate	0.011	0.01	-10.00
GOS21-80	440730	440729	Field Duplicate	0.857	0.226	-279.20
GOS21-80	440750	440749	Field Duplicate	0.191	0.052	-267.31
GOS21-80	440770	440769	Field Duplicate	0.053	0.035	-51.43
GOS21-80	440790	440789	Field Duplicate	0.018	0.014	-28.57
GOS21-80	440810	440809	Field Duplicate	0.005	0.009	44.44
GOS21-80	440830	440829	Field Duplicate	0.552	0.663	16.74
GOS21-80	440850	440849	Field Duplicate	0.076	0.058	-31.03
GOS21-80	440870	440869	Field Duplicate	0.345	0.618	44.17
GOS21-80	440890	440889	Field Duplicate	0.58	0.409	-41.81
GOS21-80	440910	440909	Field Duplicate	0.01	0.012	16.67
GOS21-80	440930	440929	Field Duplicate	0.038	0.053	28.30
GOS21-80	440950	440949	Field Duplicate	0.227	0.162	-40.12
GOS21-80	440970	440969	Field Duplicate	0.021	0.041	48.78
GOS21-81	435530	435529	Field Duplicate	4.47	1.119	-299.46
GOS21-81	435550	435549	Field Duplicate	0.034	0.041	17.07
GOS21-81	435570	435569	Field Duplicate	0.163	0.094	-73.40
GOS21-81	435590	435589	Field Duplicate	0.427	0.374	-14.17
GOS21-81	435610	435609	Field Duplicate	0.405	0.38	-6.58
GOS21-81	435630	435629	Field Duplicate	0.089	0.158	43.67
GOS21-81	435650	435649	Field Duplicate	0.473	0.36	-31.39
GOS21-81	435670	435669	Field Duplicate	15.4	13.9	-10.79
GOS21-81	435690	435689	Field Duplicate	2.098	1.26	-66.51
GOS21-81	435710	435709	Field Duplicate	2.91	1.568	-85.59
GOS21-81	435750	435749	Field Duplicate	0.87	0.195	-346.15
GOS21-81	435770	435769	Field Duplicate	0.502	0.393	-27.74
GOS21-81	435790	435789	Field Duplicate	0.606	0.909	33.33
GOS21-81	435810	435809	Field Duplicate	0.323	0.407	20.64
GOS21-81	435830	435829	Field Duplicate	0.557	0.617	9.72
GOS21-81	435850	435849	Field Duplicate	0.598	0.964	37.97
GOS21-81	435870	435869	Field Duplicate	1.365	0.399	-242.11
GOS21-81	435890	435889	Field Duplicate	0.973	0.676	-43.93
GOS21-81	435910	435909	Field Duplicate	0.435	0.448	2.90
GOS21-81	435930	435929	Field Duplicate	2.998	1.817	-65.00
GOS21-81	435950	435949	Field Duplicate	0.005	0.044	88.64
GOS21-81	435510	435509	Field Duplicate	0.071	0.051	-39.22
GOS21-81	435730	435729	Field Duplicate	0.669	0.762	12.20
GOS21-81	435970	435969	Field Duplicate	0.135	0.087	-55.17
GOS21-81	435990	435989	Field Duplicate	0.19	0.275	30.91
GOS21-82	431370	431369	Field Duplicate	0.056	0.061	8.20

GOS21-82	431390	431389	Field Duplicate	0.295	0.164	-79.88
GOS21-82	431410	431409	Field Duplicate	0.013	0.011	-18.18
GOS21-82	431430	431429	Field Duplicate	0.187	0.15	-24.67
GOS21-82	431450	431449	Field Duplicate	0.018	0.014	-28.57
GOS21-82	431470	431469	Field Duplicate	0.103	0.163	36.81
GOS21-82	431490	431489	Field Duplicate	0.014	0.013	-7.69
GOS21-82	433510	433509	Field Duplicate	0.009	0.008	-12.50
GOS21-82	433530	433529	Field Duplicate	0.008	0.007	-14.29
GOS21-82	433550	433549	Field Duplicate	0.014	0.006	-133.33
GOS21-82	433570	433569	Field Duplicate	0.041	0.047	12.77
GOS21-82	433690	433689	Field Duplicate	0.046	0.226	79.65
GOS21-82	433710	433709	Field Duplicate	0.158	0.012	-1216.67
GOS21-82	433730	433729	Field Duplicate	0.086	0.071	-21.13
GOS21-82	433750	433749	Field Duplicate	0.013	0.01	-30.00
GOS21-82	433770	433769	Field Duplicate	0.111	0.122	9.02
GOS21-82	433590	433589	Field Duplicate	0.734	0.821	10.60
GOS21-82	433610	433609	Field Duplicate	0.045	0.072	37.50
GOS21-82	433630	433629	Field Duplicate	0.067	0.075	10.67
GOS21-82	433650	433649	Field Duplicate	0.471	0.235	-100.43
GOS21-82	433670	433669	Field Duplicate	0.027	0.053	49.06
GOS21-84	434270	434269	Field Duplicate	0.528	0.42	-25.71
GOS21-84	434290	434289	Field Duplicate	0.93	0.569	-63.44
GOS21-84	434310	434309	Field Duplicate	0.005	0.022	77.27
GOS21-84	434330	434329	Field Duplicate	0.027	0.031	12.90
GOS21-84	434350	434349	Field Duplicate	0.008	0.01	20.00
GOS21-84	434370	434369	Field Duplicate	0.044	0.02	-120.00
GOS21-84	434390	434389	Field Duplicate	0.11	0.009	-1122.22
GOS21-84	434410	434409	Field Duplicate	0.159	0.09	-76.67
GOS21-84	434190	434189	Field Duplicate	0.034	0.044	22.73
GOS21-84	434210	434209	Field Duplicate	0.169	0.123	-37.40
GOS21-84	434230	434229	Field Duplicate	0.077	0.215	64.19
GOS21-84	434250	434249	Field Duplicate	0.157	0.29	45.86
GOS21-84	434150	434149	Field Duplicate	0.011	0.008	-37.50
GOS21-84	434170	434169	Field Duplicate	0.092	0.057	-61.40
GOS21-84	440990	440989	Field Duplicate	0.042	0.054	22.22
GOS21-84	434010	434009	Field Duplicate	3.21	0.107	-2900.00
GOS21-84	434030	434029	Field Duplicate	0.072	0.136	47.06
GOS21-84	434050	434049	Field Duplicate	0.055	0.048	-14.58
GOS21-84	434070	434069	Field Duplicate	0.178	0.091	-95.60
GOS21-84	434090	434089	Field Duplicate	0.296	0.465	36.34
GOS21-84	434110	434109	Field Duplicate	0.146	0.101	-44.55
GOS21-84	434130	434129	Field Duplicate	0.224	0.095	-135.79
GOS21-85	436030	436029	Field Duplicate	0.081	0.044	-84.09
GOS21-85	436050	436049	Field Duplicate	0.104	0.147	29.25
GOS21-85	436070	436069	Field Duplicate	0.005	0.03	83.33
GOS21-85	436090	436089	Field Duplicate	0.012	0.097	87.63
GOS21-85	436110	436109	Field Duplicate	0.024	0.022	-9.09

GOS21-85	436130	436129	Field Duplicate	0.052	0.041	-26.83
GOS21-85	436150	436149	Field Duplicate	0.041	0.043	4.65
GOS21-85	436170	436169	Field Duplicate	0.256	0.706	63.74
GOS21-85	436190	436189	Field Duplicate	0.198	0.191	-3.66
GOS21-85	436210	436209	Field Duplicate	0.083	0.103	19.42
GOS21-85	436230	436229	Field Duplicate	0.112	0.092	-21.74
GOS21-85	436250	436249	Field Duplicate	0.384	0.096	-300.00
GOS21-85	436270	436269	Field Duplicate	0.018	0.423	95.74
GOS21-85	436290	436289	Field Duplicate	0.559	0.192	-191.15
GOS21-85	436310	436309	Field Duplicate	0.553	0.203	-172.41
GOS21-85	436330	436329	Field Duplicate	0.299	0.277	-7.94
GOS21-85	436350	436349	Field Duplicate	0.069	0.101	31.68
GOS21-85	436370	436369	Field Duplicate	0.274	0.248	-10.48
GOS21-85	436390	436389	Field Duplicate	6.32	12.7	50.24
GOS21-85	436410	436409	Field Duplicate	0.293	0.113	-159.29
GOS21-85	436430	436429	Field Duplicate	1.479	4.24	65.12
GOS21-85	436450	436449	Field Duplicate	0.358	0.356	-0.56
GOS21-85	436470	436469	Field Duplicate	1.008	0.762	-32.28
GOS21-85	436490	436489	Field Duplicate	0.172	0.253	32.02
GOS21-85	436010	436009	Field Duplicate	0.167	0.077	-116.88
GOS21-86	434490	434489	Field Duplicate	0.008	0.006	-33.33
GOS21-86	434510	434509	Field Duplicate	1.085	1.061	-2.26
GOS21-86	434530	434529	Field Duplicate	1.765	4.22	58.18
GOS21-86	434550	434549	Field Duplicate	2.348	2.224	-5.58
GOS21-86	434570	434569	Field Duplicate	0.714	0.861	17.07
GOS21-86	434590	434589	Field Duplicate	0.318	0.19	-67.37
GOS21-86	434610	434609	Field Duplicate	1.828	2.216	17.51
GOS21-86	434630	434629	Field Duplicate	0.07	0.085	17.65
GOS21-86	434648	434647	Field Duplicate	0.958	1.423	32.68
GOS21-86	434670	434669	Field Duplicate	0.165	0.138	-19.57
GOS21-86	434690	434689	Field Duplicate	0.158	0.357	55.74
GOS21-86	434710	434709	Field Duplicate	1.768	0.919	-92.38
GOS21-86	434730	434729	Field Duplicate	1.655	1.165	-42.06
GOS21-86	434750	434749	Field Duplicate	0.342	0.229	-49.34
GOS21-86	434770	434769	Field Duplicate	1.146	0.941	-21.79
GOS21-86	434790	434789	Field Duplicate	1.434	6.69	78.57
GOS21-86	434810	434809	Field Duplicate	0.66	1.651	60.02
GOS21-86	434830	434829	Field Duplicate	0.483	0.488	1.02
GOS21-86	434850	434849	Field Duplicate	2.615	9.26	71.76
GOS21-86	434870	434869	Field Duplicate	0.736	0.797	7.65
GOS21-86	434430	434429	Field Duplicate	0.009	0.077	88.31
GOS21-86	434450	434449	Field Duplicate	0.62	0.407	-52.33
GOS21-86	434470	434469	Field Duplicate	0.005	0.005	0.00
GOS21-86	434890	434889	Field Duplicate	0.022	0.5	95.60
GOS21-86	434910	434909	Field Duplicate	0.52	0.429	-21.21
GOS21-86	434930	434929	Field Duplicate	1.532	0.913	-67.80
GOS21-86	434950	434949	Field Duplicate	0.694	0.823	15.67

GOS21-88	431690	431689	Field Duplicate	0.181	0.2	9.50
GOS21-88	431710	431709	Field Duplicate	0.136	0.106	-28.30
GOS21-88	431730	431729	Field Duplicate	0.521	0.314	-65.92
GOS21-88	431750	431749	Field Duplicate	0.005	0.006	16.67
GOS21-88	431770	431769	Field Duplicate	1.42	1.117	-27.13
GOS21-88	431790	431789	Field Duplicate	1.154	1.537	24.92
GOS21-88	431810	431809	Field Duplicate	0.264	0.796	66.83
GOS21-88	431830	431829	Field Duplicate	2.62	3.26	19.63
GOS21-88	431850	431849	Field Duplicate	1.775	1.356	-30.90
GOS21-88	431610	431609	Field Duplicate	0.078	0.46	83.04
GOS21-88	431630	431629	Field Duplicate	0.091	0.155	41.29
GOS21-88	431650	431649	Field Duplicate	0.045	0.046	2.17
GOS21-88	431670	431669	Field Duplicate	0.039	0.039	0.00
GOS21-88	431870	431869	Field Duplicate	0.748	0.984	23.98
GOS21-88	431890	431889	Field Duplicate	0.128	0.151	15.23
GOS21-88	431910	431909	Field Duplicate	0.451	0.417	-8.15
GOS21-88	431930	431929	Field Duplicate	0.03	0.183	83.61
GOS21-88	431950	431949	Field Duplicate	0.022	0.019	-15.79
GOS21-88	434970	434969	Field Duplicate	0.009	0.011	18.18
GOS21-88	434990	434989	Field Duplicate	0.021	0.021	0.00
GOS21-88	431510	431509	Field Duplicate	0.006	0.005	-20.00
GOS21-88	431530	431529	Field Duplicate	1.007	0.975	-3.28
GOS21-88	431550	431549	Field Duplicate	0.015	0.014	-7.14
GOS21-88	431570	431569	Field Duplicate	0.065	0.218	70.18
GOS21-88	431590	431589	Field Duplicate	0.073	0.206	64.56
GOS21-90	448130	448129	Field Duplicate	2.086	0.723	-188.52
GOS21-90	439430	439429	Field Duplicate	0.339	0.261	-29.89
GOS21-90	448090	448089	Field Duplicate	0.248	0.218	-13.76
GOS21-90	448110	448109	Field Duplicate	0.238	0.2	-19.00
GOS21-90	448070	448069	Field Duplicate	0.345	0.516	33.14
GOS21-90	448150	448149	Field Duplicate	0.863	0.164	-426.22
GOS21-90	448170	448169	Field Duplicate	0.063	0.056	-12.50
GOS21-90	439470	439469	Field Duplicate	0.376	0.328	-14.63
GOS21-90	448030	448029	Field Duplicate	0.118	0.343	65.60
GOS21-90	439490	439489	Field Duplicate	0.273	1.264	78.40
GOS21-90	448010	448009	Field Duplicate	0.14	0.126	-11.11
GOS21-90	448050	448049	Field Duplicate	0.712	0.59	-20.68
GOS21-90	439370	439369	Field Duplicate	0.008	0.021	61.90
GOS21-90	439330	439329	Field Duplicate	0.01	0.011	9.09
GOS21-90	439310	439309	Field Duplicate	0.016	0.015	-6.67
GOS21-90	439390	439389	Field Duplicate	0.189	0.129	-46.51
GOS21-90	439410	439409	Field Duplicate	0.246	0.22	-11.82
GOS21-90	439350	439349	Field Duplicate	0.105	0.111	5.41
GOS21-90	439450	439449	Field Duplicate	0.335	0.099	-238.38
GOS21-90	448190	448189	Field Duplicate	0.097	0.093	-4.30
GOS21-90	448210	448209	Field Duplicate	0.005	0.055	90.91
GOS21-90	439270	439269	Field Duplicate	2.958	2.657	-11.33

GOS21-90	439290	439289	Field Duplicate	0.021	0.026	19.23
GOS21-91	442490	442489	Field Duplicate	0.036	0.032	-12.50
GOS21-91	442470	442469	Field Duplicate	0.015	0.013	-15.38
GOS21-92	448310	448309	Field Duplicate	0.89	1.428	38.03
GOS21-92	448330	448329	Field Duplicate	0.08	0.083	6.02
GOS21-92	448350	448349	Field Duplicate	0.20	0.095	-114.74
GOS21-92	448370	448369	Field Duplicate	0.05	0.064	26.56
GOS21-92	448390	448389	Field Duplicate	0.04	0.036	-11.11
GOS21-92	448410	448409	Field Duplicate	0.06	0.123	50.41
GOS21-92	448430	448429	Field Duplicate	0.03	0.022	-31.82
GOS21-92	448450	448449	Field Duplicate	0.20	0.151	-33.11
GOS21-92	448470	448469	Field Duplicate	0.03	0.026	-30.77
GOS21-92	448490	448489	Field Duplicate	0.17	0.218	24.31
GOS21-92	448510	448509	Field Duplicate	1.87	2.48	24.68
GOS21-92	448530	448529	Field Duplicate	1.21	0.952	-27.42
GOS21-92	448550	448549	Field Duplicate	0.36	0.377	5.31
GOS21-92	448570	448569	Field Duplicate	0.85	1.664	49.22
GOS21-92	448590	448589	Field Duplicate	0.32	0.339	6.78
GOS21-92	448610	448609	Field Duplicate	2.09	0.973	-115.01
GOS21-92	448630	448629	Field Duplicate	0.35	0.184	-89.13
GOS21-92	448650	448649	Field Duplicate	0.36	2.17	83.23
GOS21-92	448670	448669	Field Duplicate	1.15	1.937	40.89
GOS21-92	448690	448689	Field Duplicate	0.21	0.225	5.78
GOS21-92	448710	448709	Field Duplicate	0.26	0.218	-18.81
GOS21-92	448730	448729	Field Duplicate	0.95	1.455	34.50
GOS21-92	448750	448749	Field Duplicate	1.27	1.643	22.76
GOS21-92	448770	448769	Field Duplicate	0.55	0.93	40.97
GOS21-92	448790	448789	Field Duplicate	0.67	0.542	-23.25
GOS21-92	448810	448809	Field Duplicate	0.37	0.54	31.48
GOS21-92	448830	448829	Field Duplicate	0.16	0.209	25.36
GOS21-93	433310	433309	Field Duplicate	0.05	0.306	84.97
GOS21-93	433330	433329	Field Duplicate	0.01	0.011	45.45
GOS21-93	433350	433349	Field Duplicate	1.00	0.63	-58.10
GOS21-93	433370	433369	Field Duplicate	0.09	0.101	9.90
GOS21-93	433390	433389	Field Duplicate	0.18	0.085	-105.88
GOS21-93	433410	433409	Field Duplicate	0.88	0.956	7.74
GOS21-93	433430	433429	Field Duplicate	0.18	0.175	-2.29
GOS21-93	433450	433449	Field Duplicate	0.94	0.905	-4.31
GOS21-93	433470	433469	Field Duplicate	0.92	0.746	-23.32
GOS21-93	433490	433489	Field Duplicate	0.46	0.997	53.46
GOS21-93	433790	433789	Field Duplicate	0.22	0.794	71.79
GOS21-93	433810	433809	Field Duplicate	0.36	0.277	-28.88
GOS21-93	433830	433829	Field Duplicate	0.87	1.117	21.75
GOS21-93	433990	433989	Field Duplicate	0.73	0.359	-102.79
GOS21-93	441010	441009	Field Duplicate	0.63	0.429	-46.15
GOS21-93	441030	441029	Field Duplicate	0.94	0.142	-561.97
GOS21-94	443510	443509	Field Duplicate	0.01	0.116	93.97

GOS21-94	443530	443529	Field Duplicate	3.72	2.772	-34.20
GOS21-94	443550	443549	Field Duplicate	0.02	0.032	34.38
GOS21-94	443570	443569	Field Duplicate	0.04	0.068	41.18
GOS21-94	443590	443589	Field Duplicate	0.03	0.026	0.00
GOS21-94	443610	443609	Field Duplicate	0.05	0.016	-187.50
GOS21-94	443630	443629	Field Duplicate	0.07	0.05	-44.00
GOS21-94	443650	443649	Field Duplicate	0.18	0.116	-56.03
GOS21-94	443670	443669	Field Duplicate	0.15	0.259	40.54
GOS21-94	443690	443689	Field Duplicate	0.06	0.053	-20.75
GOS21-94	443710	443709	Field Duplicate	0.24	0.172	-41.28
GOS21-94	443730	443729	Field Duplicate	0.04	0.063	31.75
GOS21-94	443750	443749	Field Duplicate	0.07	0.096	23.96
GOS21-94	443770	443769	Field Duplicate	0.15	0.134	-8.96
GOS21-94	443790	443789	Field Duplicate	0.33	0.355	7.04
GOS21-94	443810	443809	Field Duplicate	0.20	0.241	19.09
GOS21-94	443830	443829	Field Duplicate	0.23	0.192	-17.19
GOS21-94	443850	443849	Field Duplicate	0.46	0.731	36.80
GOS21-94	443870	443869	Field Duplicate	2.03	1.194	-69.77
GOS21-94	443890	443889	Field Duplicate	1.87	0.715	-161.26
GOS21-94	443910	443909	Field Duplicate	0.17	0.123	-38.21
GOS21-94	443930	443929	Field Duplicate	0.23	0.285	19.65
GOS21-94	443950	443949	Field Duplicate	0.33	0.337	1.78
GOS21-94	443970	443969	Field Duplicate	0.95	0.942	-1.17
GOS21-94	443990	443989	Field Duplicate	0.14	0.033	-315.15
GOS21-94	450470	450469	Field Duplicate	2.97	0.957	-210.34
GOS21-95	448850	448849	Field Duplicate	0.03	0.019	-31.58
GOS21-95	448870	448869	Field Duplicate	0.07	0.032	-118.75
GOS21-95	448890	448889	Field Duplicate	0.02	0.028	42.86
GOS21-95	448910	448909	Field Duplicate	0.02	0.032	37.50
GOS21-95	448930	448929	Field Duplicate	0.02	0.029	48.28
GOS21-95	448950	448949	Field Duplicate	0.36	0.525	30.86
GOS21-95	448970	448969	Field Duplicate	0.03	0.034	26.47
GOS21-95	448990	448989	Field Duplicate	0.08	0.045	-68.89
GOS21-95	449010	449009	Field Duplicate	0.03	0.163	82.82
GOS21-95	449030	449029	Field Duplicate	0.05	0.054	0.00
GOS21-95	449050	449049	Field Duplicate	0.05	0.034	-47.06
GOS21-95	449070	449069	Field Duplicate	0.06	0.04	-55.00
GOS21-95	449090	449089	Field Duplicate	0.04	0.036	-8.33
GOS21-95	449110	449109	Field Duplicate	0.34	0.279	-20.79
GOS21-95	449130	449129	Field Duplicate	0.09	0.086	-3.49
GOS21-95	449150	449149	Field Duplicate	0.23	0.227	-1.76
GOS21-95	449170	449169	Field Duplicate	0.73	0.961	23.83
GOS21-95	449190	449189	Field Duplicate	0.85	0.748	-13.24
GOS21-95	449210	449209	Field Duplicate	1.29	0.634	-102.68
GOS21-95	449230	449229	Field Duplicate	0.51	0.708	28.39
GOS21-95	449250	449249	Field Duplicate	0.34	1.314	74.43
GOS21-95	449270	449269	Field Duplicate	1.99	0.174	-1045.98

GOS21-95	449290	449289	Field Duplicate	0.40	0.329	-20.67
GOS21-95	449310	449309	Field Duplicate	0.02	0.029	41.38
GOS21-96	449509	449508	Field Duplicate	4.57	0.06	-7516.67
GOS21-96	449530	449529	Field Duplicate	0.09	0.117	26.50
GOS21-96	449550	449549	Field Duplicate	0.03	0.021	-23.81
GOS21-96	449570	449569	Field Duplicate	0.01	0.091	84.62
GOS21-96	449590	449589	Field Duplicate	0.02	0.014	-71.43
GOS21-96	449610	449609	Field Duplicate	0.01	0.011	18.18
GOS21-96	449630	449629	Field Duplicate	0.02	0.062	74.19
GOS21-96	449650	449649	Field Duplicate	0.03	0.029	10.34
GOS21-96	449670	449669	Field Duplicate	0.10	0.56	82.68
GOS21-96	449690	449689	Field Duplicate	0.15	0.2	24.50
GOS21-96	449710	449709	Field Duplicate	0.87	0.515	-68.16
GOS21-96	449730	449729	Field Duplicate	2.23	2.034	-9.83
GOS21-96	449750	449749	Field Duplicate	1.40	0.893	-56.89
GOS21-96	449770	449769	Field Duplicate	1.25	1.263	1.35
GOS21-96	449790	449789	Field Duplicate	0.45	0.354	-27.97
GOS21-96	449810	449809	Field Duplicate	0.86	2.205	61.09
GOS21-96	449830	449829	Field Duplicate	0.26	0.27	4.44
GOS21-96	449850	449849	Field Duplicate	2.47	4.68	47.26
GOS21-96	449870	449869	Field Duplicate	0.50	0.494	-0.81
GOS21-96	449890	449889	Field Duplicate	0.14	0.127	-10.24
GOS21-96	449910	449909	Field Duplicate	0.49	0.427	-15.69
GOS21-96	449930	449929	Field Duplicate	0.17	0.206	16.99
GOS21-96	449950	449949	Field Duplicate	0.05	0.037	-21.62
GOS21-96	449970	449969	Field Duplicate	0.05	0.052	3.85
GOS21-97	442010	442009	Field Duplicate	0.07	0.013	-438.46
GOS21-97	442030	442029	Field Duplicate	0.02	0.02	-15.00
GOS21-97	442050	442049	Field Duplicate	0.29	0.209	-39.71
GOS21-97	442070	442069	Field Duplicate	0.06	0.063	1.59
GOS21-97	442090	442089	Field Duplicate	0.01	0.016	18.75
GOS21-98	442110	442109	Field Duplicate	0.08	0.069	-15.94
GOS21-98	442130	442129	Field Duplicate	0.07	0.073	-1.37
GOS21-98	442150	442149	Field Duplicate	0.10	0.117	17.95
GOS21-98	442170	442169	Field Duplicate	0.34	0.239	-43.10
GOS21-98	442190	442189	Field Duplicate	0.30	0.314	5.10
GOS21-98	442210	442209	Field Duplicate	0.61	0.493	-22.92
GOS21-98	442230	442229	Field Duplicate	0.14	0.269	49.44
GOS21-98	442250	442249	Field Duplicate	0.02	0.037	43.24
GOS21-98	442270	442269	Field Duplicate	0.73	0.183	-297.27
GOS21-98	442290	442289	Field Duplicate	0.10	0.041	-131.71
GOS21-98	442310	442309	Field Duplicate	0.92	11.1	91.72
GOS21-98	442330	442329	Field Duplicate	0.77	0.7	-10.57
GOS21-98	442350	442349	Field Duplicate	0.41	0.411	-0.49
GOS21-98	442370	442369	Field Duplicate	0.17	0.12	-44.17
GOS21-98	442390	442389	Field Duplicate	0.13	0.669	81.02
GOS21-98	442410	442409	Field Duplicate	0.58	0.169	-241.42

GOS21-98	442430	442429	Field Duplicate	0.99	0.926	-7.34
GOS21-98	442450	442449	Field Duplicate	0.07	0.084	22.62
GOS21-98	441070	441069	Field Duplicate	0.90	1.234	26.82
GOS21-98	441090	441089	Field Duplicate	0.35	0.209	-67.46
GOS21-98	441110	441109	Field Duplicate	0.44	0.366	-20.22
GOS21-98	441130	441129	Field Duplicate	0.11	0.26	59.23
GOS21-98	441150	441149	Field Duplicate	1.29	2.637	50.97
GOS21-99	449330	449329	Field Duplicate	0.19	0.178	-4.49
GOS21-99	449350	449349	Field Duplicate	0.06	0.239	73.64
GOS21-99	449370	449369	Field Duplicate	0.19	0.311	38.59
GOS21-99	449390	449389	Field Duplicate	0.06	0.067	8.96
GOS21-99	449410	449409	Field Duplicate	0.04	0.104	59.62
GOS21-99	449430	449429	Field Duplicate	0.10	0.1	-2.00
GOS21-99	449450	449449	Field Duplicate	0.02	0.02	20.00
GOS21-99	449470	449469	Field Duplicate	0.02	0.006	-166.67
GOS21-99	449490	449489	Field Duplicate	0.01	0.006	0.00
GOS21-99	442510	442509	Field Duplicate	0.11	0.069	-62.32
GOS21-99	442530	442529	Field Duplicate	0.01	0.009	22.22
GOS21-99	442550	442549	Field Duplicate	0.05	0.056	16.07
GOS21-99	442570	442569	Field Duplicate	0.01	0.005	0.00
GOS21-99	442590	442589	Field Duplicate	0.74	0.697	-6.03
GOS21-99	442610	442609	Field Duplicate	0.17	0.142	-19.72
GOS21-99	442630	442629	Field Duplicate	0.07	0.076	3.95
GOS21-99	442650	442649	Field Duplicate	0.12	0.093	-24.73
GOS21-99	442670	442669	Field Duplicate	0.18	0.086	-113.95
GOS21-99	442690	442689	Field Duplicate	0.02	0.019	-26.32
GOS21-99	442710	442709	Field Duplicate	0.08	0.09	13.33
GOS21-99	442730	442729	Field Duplicate	0.14	0.333	59.46
GOS21-99	442750	442749	Field Duplicate	1.99	1.145	-74.06
GOS21-99	442770	442769	Field Duplicate	0.02	0.03	46.67
GOS21-99	442790	442789	Field Duplicate	0.23	0.342	34.21
GOS21-99	442810	442809	Field Duplicate	0.27	0.494	45.14
GOS21-100	444010	444009	Field Duplicate	0.39	0.402	2.99
GOS21-100	444030	444029	Field Duplicate	0.16	0.112	-39.29
GOS21-100	444050	444049	Field Duplicate	0.06	0.067	7.46
GOS21-100	444070	444069	Field Duplicate	0.06	0.059	1.69
GOS21-100	444090	444089	Field Duplicate	0.01	0.005	0.00
GOS21-100	444110	444109	Field Duplicate	0.20	0.171	-19.30
GOS21-100	444130	444129	Field Duplicate	0.09	0.121	25.62
GOS21-100	444150	444149	Field Duplicate	0.09	0.015	-500.00
GOS21-100	444170	444169	Field Duplicate	0.09	0.345	74.78
GOS21-100	444190	444189	Field Duplicate	0.01	0.005	0.00
GOS21-100	444210	444209	Field Duplicate	0.05	0.031	-74.19
GOS21-100	444230	444229	Field Duplicate	0.05	0.031	-67.74
GOS21-100	444250	444249	Field Duplicate	0.08	0.04	-87.50
GOS21-100	444270	444269	Field Duplicate	0.01	0.008	-37.50
GOS21-100	444290	444289	Field Duplicate	0.04	0.034	-26.47

GOS21-100	444310	444309	Field Duplicate	0.26	0.371	29.38
GOS21-100	444330	444329	Field Duplicate	1.02	1.311	22.20
GOS21-100	444350	444349	Field Duplicate	0.13	0.19	32.11
GOS21-100	444370	444369	Field Duplicate	0.21	0.137	-54.01
GOS21-100	444390	444389	Field Duplicate	0.10	0.208	50.96
GOS21-100	444410	444409	Field Duplicate	0.01	0.013	-7.69
GOS21-100	444430	444429	Field Duplicate	0.02	0.014	-35.71
GOS21-100	444450	444449	Field Duplicate	0.26	0.335	21.49
GOS21-101	442830	442829	Field Duplicate	0.23	0.237	2.11
GOS21-101	442850	442849	Field Duplicate	0.01	0.011	-18.18
GOS21-101	442870	442869	Field Duplicate	1.04	1.332	21.70
GOS21-101	442890	442889	Field Duplicate	0.42	0.422	0.47
GOS21-101	442910	442909	Field Duplicate	0.31	0.326	4.91
GOS21-101	442930	442929	Field Duplicate	0.44	0.453	3.09
GOS21-101	442950	442949	Field Duplicate	0.24	0.214	-10.28
GOS21-101	442970	442969	Field Duplicate	0.18	0.457	61.05
GOS21-101	442990	442989	Field Duplicate	0.03	0.195	86.67
GOS21-101	443010	443009	Field Duplicate	0.03	1.697	98.53
GOS21-101	443030	443029	Field Duplicate	0.15	0.451	67.41
GOS21-101	443050	443049	Field Duplicate	0.21	0.149	-37.58
GOS21-101	443070	443069	Field Duplicate	0.09	0.276	68.48
GOS21-101	443090	443089	Field Duplicate	0.18	0.186	2.15
GOS21-101	443110	443109	Field Duplicate	0.05	0.13	64.62
GOS21-101	443130	443129	Field Duplicate	0.31	0.263	-18.63
GOS21-101	443150	443149	Field Duplicate	0.06	0.102	45.10
GOS21-101	443170	443169	Field Duplicate	0.11	0.088	-22.73
GOS21-101	443190	443189	Field Duplicate	0.19	0.088	-112.50
GOS21-101	443210	443209	Field Duplicate	1.24	1.486	16.55
GOS21-101	443230	443229	Field Duplicate	2.74	2.006	-36.74
GOS21-101	443250	443249	Field Duplicate	0.43	0.415	-3.86
GOS21-101	443270	443269	Field Duplicate	0.51	1.055	51.37
GOS21-102	446510	446509	Field Duplicate	0.12	9.21	98.68
GOS21-102	446530	446529	Field Duplicate	0.09	0.111	18.92
GOS21-102	446550	446549	Field Duplicate	0.10	0.041	-148.78
GOS21-102	446570	446569	Field Duplicate	0.04	0.049	12.24
GOS21-102	446590	446589	Field Duplicate	2.23	0.236	-843.22
GOS21-102	446610	446609	Field Duplicate	0.79	0.649	-21.73
GOS21-102	446630	446629	Field Duplicate	0.12	0.062	-85.48
GOS21-102	446650	446649	Field Duplicate	0.08	0.092	15.22
GOS21-102	446670	446669	Field Duplicate	0.01	0.018	50.00
GOS21-102	446690	446689	Field Duplicate	0.19	0.196	2.55
GOS21-102	446710	446709	Field Duplicate	0.14	0.172	20.35
GOS21-102	446730	446729	Field Duplicate	0.10	2.65	96.34
GOS21-102	446750	446749	Field Duplicate	0.08	0.143	43.36
GOS21-102	446770	446769	Field Duplicate	1.20	0.005	-23820.00
GOS21-102	446790	446789	Field Duplicate	0.01	0.005	0.00
GOS21-102	446810	446809	Field Duplicate	0.27	0.231	-18.61

GOS21-102	446830	446829	Field Duplicate	0.70	0.819	14.29
GOS21-102	446850	446849	Field Duplicate	0.22	0.113	-91.15
GOS21-102	446870	446869	Field Duplicate	0.36	0.208	-70.67
GOS21-102	446890	446889	Field Duplicate	0.04	0.026	-38.46
GOS21-102	446910	446909	Field Duplicate	0.01	0.008	-37.50
GOS21-103	262270	262269	Field Duplicate	0.12	0.131	11.45
GOS21-103	262290	262289	Field Duplicate	0.04	0.041	9.76
GOS21-103	262310	262309	Field Duplicate	0.09	0.046	-104.35
GOS21-103	262330	262329	Field Duplicate	0.01	0.005	0.00
GOS21-103	262350	262349	Field Duplicate	0.01	0.005	0.00
GOS21-103	262370	262369	Field Duplicate	0.03	0.025	-36.00
GOS21-103	262390	262389	Field Duplicate	0.15	0.118	-25.42
GOS21-103	262410	262409	Field Duplicate	0.40	0.545	27.52
GOS21-103	262430	262429	Field Duplicate	0.36	0.67	45.67
GOS21-103	262450	262449	Field Duplicate	0.85	1.129	24.98
GOS21-103	262470	262469	Field Duplicate	0.21	0.279	24.73
GOS21-103	262490	262489	Field Duplicate	0.11	0.035	-208.57
GOS21-103	441510	441509	Field Duplicate	0.04	0.015	-166.67
GOS21-103	441530	441529	Field Duplicate	0.01	0.01	0.00
GOS21-103	441550	441549	Field Duplicate	0.21	0.298	30.20
GOS21-103	441570	441569	Field Duplicate	0.05	0.056	5.36
GOS21-103	441590	441589	Field Duplicate	0.24	0.375	37.33
GOS21-103	441610	441609	Field Duplicate	0.24	0.259	9.27
GOS21-103	441630	441629	Field Duplicate	0.35	0.278	-25.54
GOS21-103	441650	441649	Field Duplicate	0.03	0.03	3.33
GOS21-103	441670	441669	Field Duplicate	0.05	0.011	-309.09
GOS21-103	441690	441689	Field Duplicate	0.08	0.101	19.80
GOS21-103	441710	441709	Field Duplicate	0.07	0.098	29.59
GOS21-103	441730	441729	Field Duplicate	0.31	0.478	35.36
GOS21-103	441750	441749	Field Duplicate	0.56	0.543	-2.58
GOS21-103	441770	441769	Field Duplicate	0.13	0.155	14.84
GOS21-103	441790	441789	Field Duplicate	0.15	0.112	-33.04
GOS21-103	441810	441809	Field Duplicate	0.69	0.452	-53.10
GOS21-103	441830	441829	Field Duplicate	0.01	0.005	-40.00

Appendix F:
Invoices and Summary of Expenditures

Summary of Invoices

Dan Patrie Invoices

Date From	Date To	Contractor	Invoice Number	Invoice Date	Total	Activity
30/12/2020	08/01/2021	Dan Patrie Exploration Ltd.	DPE 2021-01-3D	08/01/2021	\$20,150.00	Ice Pad Creation and Maintenance
09/01/2021	11/01/2021	Dan Patrie Exploration Ltd.	DPE 2021-02-3D	15/01/2021	\$9,600.00	Ice Pad Creation and Maintenance
16/01/2021	22/01/2021	Dan Patrie Exploration Ltd.	DPE 2021-03-3D	22/01/2021	\$21,100.00	Ice Pad Creation and Maintenance
23/01/2021	29/01/2021	Dan Patrie Exploration Ltd.	DPE 2021-04-3D	29/01/2021	\$23,100.00	Ice Pad Creation and Maintenance
30/01/2021	05/02/2021	Dan Patrie Exploration Ltd.	DPE 2021-05-3D	05/02/2021	\$23,500.00	Ice Pad Creation and Maintenance
06/02/2021	12/02/2021	Dan Patrie Exploration Ltd.	DPE 2021-06-3D	12/02/2021	\$24,600.00	Ice Pad Creation and Maintenance
13/02/2021	19/02/2021	Dan Patrie Exploration Ltd.	DPE 2021-07-3D	19/02/2021	\$24,600.00	Ice Pad Creation and Maintenance
20/02/2021	26/02/2021	Dan Patrie Exploration Ltd.	DPE 2021-08-3D	26/02/2021	\$23,400.00	Ice Pad Creation and Maintenance
27/02/2021	05/03/2021	Dan Patrie Exploration Ltd.	DPE 2021-09-3D	05/03/2021	\$22,400.00	Ice Pad Creation and Maintenance
06/03/2021	12/03/2021	Dan Patrie Exploration Ltd.	DPE 2021-10-3D	12/03/2021	\$14,400.00	Ice Pad Creation and Maintenance
13/03/2021	19/03/2021	Dan Patrie Exploration Ltd.	DPE 2021-11-3D	19/03/2021	\$11,200.00	Ice Pad Creation and Maintenance
20/03/2021	25/03/2021	Dan Patrie Exploration Ltd.	DPE 2021-12-3D	25/03/2021	\$6,600.00	Ice Pad Creation and Maintenance
				DPE Total:	\$224,650.00	

Tulloch Geomatics Invoices

30/05/2021	30/05/2021	Tulloch Geomatics	1006175	10/06/2021	\$1,831.28	Drill Collar Survey
30/09/2021	30/09/2021	Tulloch Geomatics	1007313	13/10/2021	\$1,586.72	Drill Collar Survey
31/10/2021	31/10/2021	Tulloch Geomatics	1007615	10/11/2021	\$1,580.76	Drill Collar Survey
				Tulloch Total:	\$4,998.76	

Quality Contracting Invoices

12/02/2021	12/02/2021	Quality Contracting	267	12/02/2021	\$382.50	Deliver Freight
17/06/2021	17/06/2021	Quality Contracting	404	17/06/2021	\$1,020.00	Deliver Freight
24/06/2021	24/06/2021	Quality Contracting	410	24/06/2021	\$1,020.00	Deliver Freight
30/06/2021	30/06/2021	Quality Contracting	415	30/06/2021	\$1,020.00	Deliver Freight
02/07/2021	02/07/2021	Quality Contracting	424	02/07/2021	\$1,062.50	Deliver Freight
07/07/2021	07/07/2021	Quality Contracting	428	07/07/2021	\$1,020.00	Deliver Freight
09/07/2021	09/07/2021	Quality Contracting	432	09/07/2021	\$1,020.00	Deliver Freight
12/07/2021	12/07/2021	Quality Contracting	433	12/07/2021	\$1,020.00	Deliver Freight
15/07/2021	15/07/2021	Quality Contracting	434	15/07/2021	\$1,020.00	Deliver Freight
20/07/2021	20/07/2021	Quality Contracting	443	20/07/2021	\$1,020.00	Deliver Freight
23/07/2021	23/07/2021	Quality Contracting	446	23/07/2021	\$1,020.00	Deliver Freight
27/07/2021	27/07/2021	Quality Contracting	447	27/07/2021	\$1,020.00	Deliver Freight
12/08/2021	12/08/2021	Quality Contracting	490	12/08/2021	\$1,105.00	Deliver Freight
19/08/2021	19/08/2021	Quality Contracting	500	19/08/2021	\$1,955.00	Deliver Freight
23/08/2021	23/08/2021	Quality Contracting	503	23/08/2021	\$1,020.00	Deliver Freight
08/09/2021	08/09/2021	Quality Contracting	533	08/09/2021	\$1,020.00	Deliver Freight
16/09/2021	16/09/2021	Quality Contracting	549	16/09/2021	\$1,020.00	Deliver Freight
24/09/2021	24/09/2021	Quality Contracting	563	24/09/2021	\$1,020.00	Deliver Freight
6/10/2021	6/10/2021	Quality Contracting	575	6/10/2021	\$1,020.00	Deliver Freight
14/10/2021	14/10/2021	Quality Contracting	582	14/10/2021	\$1,020.00	Deliver Freight

28/10/2021	28/10/2021	Quality Contracting	592	28/10/2021	\$1,020.00	Deliver Freight
01/11/2021	01/11/2021	Quality Contracting	603	01/11/2021	\$382.50	Deliver Freight
23/11/2021	23/11/2021	Quality Contracting	619	23/11/2021	\$1,020.00	Deliver Freight
01/12/2021	01/12/2021	Quality Contracting	643	01/12/2021	\$1,020.00	Deliver Freight
				QC Total:	\$24,267.50	

Enterprise Car Rental Invoices						
02/02/2021	03/04/2021	Enterprise	7500-4442-7993	09/03/2021	\$3,445.00	Truck Rental (Truck 1)
02/05/2021	03/07/2021	Enterprise	7500-4442-8052	09/03/2021	\$3,445.00	Truck Rental (Truck 2)
03/04/2021	04/03/2021	Enterprise	7500-4496-2205	16/04/2021	\$2,075.00	Truck Rental (Truck 1)
03/07/2021	04/06/2021	Enterprise	7500-4501-5851	21/04/2021	\$2,149.00	Truck Rental (Truck 2)
04/03/2021	05/03/2021	Enterprise	7500-4519-8799	04/05/2021	\$2,149.00	Truck Rental (Truck 1)
04/06/2021	05/06/2021	Enterprise	7500-4533-8570	13/05/2021	\$2,149.00	Truck Rental (Truck 2)
05/03/2021	06/02/2021	Enterprise	7500-4570-1580	09/06/2021	\$1,799.00	Truck Rental (Truck 1)
06/02/2021	07/02/2021	Enterprise	7500-4611-6184	10-07-2021	\$2,149.00	Truck Rental (Truck 2)
06/05/2021	07/05/2021	Enterprise	7500-4611-6135	10-07-2021	\$2,149.00	Truck Rental (Truck 1)
07/02/2021	08/01/2021	Enterprise	7500-4655-8624	14-08-2021	\$2,149.00	Truck Rental (Truck 2)
07/05/2021	08/04/2021	Enterprise	7500-4655-8565	14-08-2021	\$2,149.00	Truck Rental (Truck 1)
08/01/2021	08/31/2021	Enterprise	7500-4699-4236	11-09-2021	\$2,149.00	Truck Rental (Truck 2)
08/04/2021	09/03/2021	Enterprise	7500-4699-4302	11-09-2021	\$2,149.00	Truck Rental (Truck 1)
08/31/2021	09/30/2021	Enterprise	7500-4746-9029	16-10-2021	\$2,149.00	Truck Rental (Truck 2)
09/03/2021	10/03/2021	Enterprise	7500-4746-8877	16-10-2021	\$2,149.00	Truck Rental (Truck 1)
				Ent. Total:	\$34,403.00	

DST Consulting Invoices - Bird Sweep						
01/05/2021	05/06/2021	DST	6105	06/09/2021	\$1,378.75	Avian Nest Sweep
01/04/2021	24/04/2021	DST	5709	04/27/2021	\$1,725.00	Avian Nest Sweep
01/05/2021	22/05/2021	DST	6028	05/26/2021	\$1,535.00	Avian Nest Sweep
28/05/2021	30/06/2021	DST	6432	07/05/2021	\$1,535.00	Avian Nest Sweep
01/08/2021	31/08/2021	DST	7327	09/15/2021	\$997.50	Avian Nest Sweep
				DST Sweeps Total:	\$7,171.25	

DST Consulting Invoices - Water Monitoring Rental						
01/06/2021	30/06/2021	DST	6690	26-July-2021	\$2,684.00	Water Monitoring Equipment Rental
05/05/2021	01/06/2021	DST	6690	26-July-2021	\$1,337.00	Water Monitoring Equipment Rental
02/06/2021	29/06/2021	DST	6690	26-July-2021	\$1,337.00	Water Monitoring Equipment Rental
30/06/2021	27/07/2021	DST	7379	09/17/2021	\$1,337.00	Water Monitoring Equipment Rental
01/10/2021	30/10/2021	DST	8019	08/11/2021	\$4,011.00	Water Monitoring Equipment Rental
				DST rental Total:	\$10,706.00	

Reflex Instruments Invoices						
01/01/2021	31/01/2021	IMDEX-Reflex	71853	31/01/2021	\$186.31	Reflex- IQ-Logger
01/02/2021	28/02/2021	IMDEX-Reflex	72274	26/02/2021	\$1,155.00	Reflex- IQ-Logger
01/03/2021	31/03/2021	IMDEX-Reflex	72864	31/03/2021	\$1,155.00	Reflex- IQ-Logger
01/04/2021	30/04/2021	IMDEX-Reflex	73277	30/04/2021	\$1,155.00	Reflex- IQ-Logger
01/05/2021	31/05/2021	IMDEX-Reflex	73820	31/05/2021	\$1,155.00	Reflex- IQ-Logger

01/06/2021	30/06/2021	IMDEX-Reflex	74369	30/06/2021	\$1,155.00	Reflex- IQ-Logger
01/07/2021	31/07/2021	IMDEX-Reflex	75031	31/07/2021	\$1,155.00	Reflex- IQ-Logger
01/08/2021	31/08/2021	IMDEX-Reflex	75699	30/08/2021	\$1,155.00	Reflex- IQ-Logger
01/09/2021	30/09/2021	IMDEX-Reflex	76423	30/09/2021	\$1,155.00	Reflex- IQ-Logger
01/10/2021	31/10/2021	IMDEX-Reflex	77134	31/10/2021	\$558.91	Reflex- IQ-Logger
				Reflex Total:	\$9,985.22	

Actlabs Invoices						
Drill Hole	Quantity of Samples (including QA/QC)	Lab	Invoice Number	Invoice Date	Total	Analysis
GOS21-63	220	Actlabs	A21-02425	2021-04-01	\$7,108.00	Au-FA+ICP
GOS21-63	71	Actlabs	A21-02741	2021-03-19	\$1,183.75	Au-FA
GOS21-64	222	Actlabs	A21-02748	2021-03-11	\$3,722.75	Au-FA
GOS21-65	475	Actlabs	A21-03616	2021-04-21	\$8,010.50	Au-FA
GOS21-66	95	Actlabs	A21-03618	2021-04-07	\$1,584.00	Au-FA
GOS21-66	395	Actlabs	A21-04574	2021-04-30	\$9,069.53	Au-FA
GOS21-67	158	Actlabs	A21-05056	2021-04-30	\$3,595.20	Au-FA
GOS21-68	242	Actlabs	A21-05065	2021-05-04	\$4,858.56	Au-FA
GOS21-68, GOS21-69	413	Actlabs	A21-05556	2021-05-04	\$8,210.26	Au-FA
GOS21-70	40	Actlabs	A21-06182	2021-05-21	\$764.18	Au-FA
GOS21-69	226	Actlabs	A21-06183	2021-06-08	\$4,771.23	Au-FA
GOS21-69	31	Actlabs	A21-08137	2021-06-01	\$329.84	Au-FA (re-assay)
GOS21-70	463	Actlabs	A21-06632	2021-06-08	\$9,356.31	Au-FA
GOS21-70	30	Actlabs	A21-10448	2021-06-21	\$319.20	Au-FA (re-assay)
GOS21-70	31	Actlabs	A21-10453	2021-06-21	\$329.84	Au-FA (re-assay)
GOS21-71	464	Actlabs	A21-07061	2021-06-28	\$9,472.31	Au-FA
GOS21-71	31	Actlabs	A21-11993	2021-07-27	\$329.84	Au-FA (re-assay)
GOS21-72	315	Actlabs	A21-07505	2021-06-28	\$6,280.26	Au-FA
GOS21-73	202	Actlabs	A21-08151	2021-06-24	\$3,957.10	Au-FA
GOS21-74	132	Actlabs	A21-08156	2021-06-24	\$2,536.05	Au-FA
GOS21-75	453	Actlabs	A21-08715	2021-07-09	\$9,102.81	Au-FA
GOS21-76	130	Actlabs	A21-08716	2021-06-24	\$2,496.95	Au-FA
GOS21-77	3	Actlabs	A21-09166	2021-06-24	\$58.65	Au-FA
GOS21-78	175	Actlabs	A21-09167	2021-06-30	\$3,427.52	Au-FA
GOS21-79	264	Actlabs	A21-09172	2021-07-21	\$5,882.07	Au-FA
GOS21-76	90	Actlabs	A21-09174	2021-06-28	\$1,792.50	Au-FA
GOS21-81	220	Actlabs	A21-09455	2021-07-08	\$4,944.97	Au-FA
GOS21-78	260	Actlabs	A21-09458	2021-07-16	\$5,111.63	Au-FA
GOS21-74	386	Actlabs	A21-09536	2021-07-13	\$7,969.34	Au-FA
GOS21-81	299	Actlabs	A21-10367	2021-06-28	\$6,192.93	Au-FA
GOS21-78	78	Actlabs	A21-10368	2021-06-24	\$1,577.45	Au-FA

GOS21-79	212	Actlabs	A21-10369	2021-06-28	\$4,259.69	Au-FA
GOS21-80	217	Actlabs	A21-10795	2021-08-04	\$4,526.64	Au-FA
GOS21-83	192	Actlabs	A21-10796	2021-06-28	\$3,750.96	Au-FA
GOS21-80	100	Actlabs	A21-11232	2021-07-30	\$1,988.00	Au-FA
GOS21-80	102	Actlabs	A21-11237	2021-08-04	\$2,037.74	Au-FA
GOS21-83	100	Actlabs	A21-11241	2021-06-28	\$1,919.36	Au-FA
GOS21-83	60	Actlabs	A21-11244	2021-07-07	\$1,292.46	Au-FA
GOS21-80	100	Actlabs	A21-11247	2021-08-04	\$1,988.00	Au-FA
GOS21-77	3	Actlabs	A21-11582	2021-07-07	\$58.65	Au-FA
GOS21-76	100	Actlabs	A21-11775	2021-08-12	\$2,273.20	Au-FA
GOS21-82	110	Actlabs	A21-11776	2021-08-04	\$2,183.50	Au-FA
GOS21-83	130	Actlabs	A21-11779	2021-08-12	\$2,803.43	Au-FA
GOS21-86	134	Actlabs	A21-11782	2021-08-04	\$2,576.88	Au-FA
GOS21-82	140	Actlabs	A21-11784	2021-07-28	\$2,683.54	Au-FA
GOS21-76	140	Actlabs	A21-11786	2021-08-05	\$2,831.46	Au-FA
GOS21-86	70	Actlabs	A21-11789	2021-08-05	\$1,440.60	Au-FA
GOS21-86	140	Actlabs	A21-12301	2021-08-04	\$2,910.74	Au-FA
GOS21-86	140	Actlabs	A21-12302	2021-08-05	\$3,215.49	Au-FA
GOS21-86	46	Actlabs	A21-12305	2021-08-05	\$1,399.72	Au-FA
GOS21-82	140	Actlabs	A21-12307	2021-08-04	\$2,889.46	Au-FA
GOS21-82	48	Actlabs	A21-12308	2021-07-30	\$920.58	Au-FA
GOS21-84	138	Actlabs	A21-12310	2021-07-30	\$2,674.63	Au-FA
GOS21-84	90	Actlabs	A21-12328	2021-08-04	\$1,861.14	Au-FA
GOS21-84	140	Actlabs	A21-12736	2021-08-05	\$2,820.82	Au-FA
GOS21-84	86	Actlabs	A21-12737	2021-08-04	\$1,654.57	Au-FA
GOS21-85	140	Actlabs	A21-12738	2021-08-04	\$2,683.54	Au-FA
GOS21-85	58	Actlabs	A21-12740	2021-08-12	\$1,116.08	Au-FA
GOS21-90	133	Actlabs	A21-12743	2021-08-05	\$2,645.52	Au-FA
GOS21-90	100	Actlabs	A21-12744	2021-08-04	\$1,930.00	Au-FA
GOS21-90	60	Actlabs	A21-12746	2021-08-05	\$1,283.55	Au-FA
GOS21-88	103	Actlabs	A21-12755	2021-08-05	\$1,979.74	Au-FA
GOS21-88	100	Actlabs	A21-12756	2021-08-04	\$1,919.36	Au-FA
GOS21-85	102	Actlabs	A21-12757	2021-08-05	\$1,969.10	Au-FA
GOS21-76	62	Actlabs	A21-12947	2021-07-28	\$1,215.56	Au-FA
GOS21-90	110	Actlabs	A21-12968	2021-08-05	\$2,868.38	Au-FA
GOS21-88	135	Actlabs	A21-12969	2021-08-04	\$3,444.06	Au-FA
GOS21-76	22	Actlabs	A21-13159	2021-07-29	\$351.12	Au-FA (re-assay)
GOS21-87	40	Actlabs	A21-13184	2021-08-05	\$1,146.27	Au-FA
GOS21-88	100	Actlabs	A21-13201	2021-08-05	\$3,958.08	Au-FA
GOS21-90	58	Actlabs	A21-13206	2021-08-04	\$1,674.12	Au-FA
GOS21-88	63	Actlabs	A21-13210	2021-08-04	\$1,836.71	Au-FA
GOS21-92	62	Actlabs	A21-13300	2021-08-13	\$670.32	Au-FA (re-assay)

GOS21-92 & GOS21-93	92	Actlabs	A21-13683	2021-08-04	\$3,541.92	Au-FA
GOS21-93	98	Actlabs	A21-13686	2021-08-05	\$3,781.80	Au-FA
GOS21-89	16	Actlabs	A21-13687	2021-08-05	\$460.72	Au-FA
GOS21-91	40	Actlabs	A21-13689	2021-08-05	\$766.18	Au-FA
GOS21-85	100	Actlabs	A21-13691	2021-08-05	\$3,108.42	Au-FA
GOS21-85	91	Actlabs	A21-13692	2021-08-05	\$2,787.92	Au-FA
GOS21-87	140	Actlabs	A21-13693	2021-08-04	\$4,049.18	Au-FA
GOS21-87	60	Actlabs	A21-13694	2021-08-04	\$1,737.27	Au-FA
GOS21-87	140	Actlabs	A21-13695	2021-08-04	\$4,035.81	Au-FA
GOS21-79	29	Actlabs	A21-13901	2021-08-04	\$638.40	Au-FA (re-assay)
GOS21-93	42	Actlabs	A21-14056	2021-08-05	\$1,782.94	Au-FA
GOS21-93	100	Actlabs	A21-14057	2021-08-12	\$3,838.72	Au-FA
GOS21-87	70	Actlabs	A21-14058	2021-08-05	\$2,683.54	Au-FA
GOS21-93	140	Actlabs	A21-14154	2021-08-13	\$7,060.37	Au-FA
GOS21-93	67	Actlabs	A21-14156	2021-08-13	\$4,290.12	Au-FA
GOS21-92	140	Actlabs	A21-14158	2021-08-05	\$5,367.08	Au-FA
GOS21-92	140	Actlabs	A21-14159	2021-08-13	\$7,032.53	Au-FA
GOS21-92	119	Actlabs	A21-14160	2021-08-13	\$5,360.54	Au-FA
GOS21-87	43	Actlabs	A21-14256	2021-08-12	\$1,875.31	Au-FA
90) GOS21-88 Re-Run	31	Actlabs	A21-14341	2021-08-12	\$329.84	Au-FA (re-assay)
91) GOS21-80 Re-Run	31	Actlabs	A21-14604	2021-08-21	\$535.76	Au-FA (re-assay)
92) GOS21-86 Re-Run	31	Actlabs	A21-14646	2021-08-21	\$340.48	Au-FA (re-assay)
93) GOS21-76 Re-Run	33	Actlabs	A21-14793	2021-08-24	\$351.12	Au-FA (re-assay)
GOS21-92	125	Actlabs	A21-15272	2021-09-10	\$2,838.16	Au-FA
95) GOS21-94 (Batch 1)	140	Actlabs	A21-15270	2021-09-22	\$2,752.18	Au-FA
96) GOS21-94 (Batch 2)	140	Actlabs	A21-15269	2021-09-17	\$2,771.73	Au-FA
98) GOS21-96 (Batch 1)	140	Actlabs	A21-15268	2021-09-17	\$2,773.46	Au-FA
99) GOS21-96 (Batch 2)	80	Actlabs	A21-15276	2021-09-17	\$1,537.27	Au-FA
97) GOS21-94 (Batch 3)	50	Actlabs	A21-15277	2021-10-12	\$1,049.60	Au-FA
102) GOS21-95 (Batch 1)	140	Actlabs	A21-16003	2021-09-27	\$2,752.18	Au-FA
100) GOS21-94 (Batch 4)	140	Actlabs	A21-16004	2021-10-06	\$3,000.66	Au-FA
103) GOS21-96 (Batch 3)	140	Actlabs	A21-16005	2021-09-30	\$2,831.46	Au-FA
104) GOS21-96 (Batch 4)	119	Actlabs	A21-16007	2021-09-22	\$2,290.81	Au-FA
101) GOS21-94 (Batch 5)	66	Actlabs	A21-16009	2021-09-29	\$1,443.41	Au-FA
106) GOS21-95 (Batch 2)	56	Actlabs	A21-16011	2021-09-22	\$1,087.62	Au-FA
105) GOS21-97 (Batch 1)	50	Actlabs	A21-16013	2021-09-22	\$959.68	Au-FA
111) GOS21-98 (Batch 2)	140	Actlabs	A21-17089	2021-10-18	\$2,910.74	Au-FA
107) GOS21-95 (Batch 3)	140	Actlabs	A21-17090	2021-10-14	\$2,761.09	Au-FA
112) GOS21-98 (Batch 3)	140	Actlabs	A21-17091	2021-10-18	\$3,088.85	Au-FA
108) GOS21-95 (Batch 4)	144	Actlabs	A21-17095	2021-10-18	\$2,851.66	Au-FA
110) GOS21-98 (Batch 1)	137	Actlabs	A21-17096	2021-10-05	\$2,633.80	Au-FA
113) GOS21-98 (Batch 4)	57	Actlabs	A21-17097	2021-10-14	\$1,293.54	Au-FA

109) GOS21-97 (Batch 2)	43	Actlabs	A21-17098	2021-10-05	\$822.83	Au-FA
114) GOS21-99 (Batch 1)	136	Actlabs	A21-17508	2021-11-09	\$2,605.34	Au-FA
115) GOS21-99 (Batch 2)	80	Actlabs	A21-17506	2021-12-24	\$1,605.91	Au-FA
116) GOS21-100 (Batch 1)	80	Actlabs	A21-17505	2021-11-10	\$1,537.27	Au-FA
117) GOS21-100 (Batch 2)	80	Actlabs	A21-17504	2021-11-12	\$1,528.36	Au-FA
118) GOS21-99 (Batch 3)	140	Actlabs	A21-17853	2021-11-18	\$2,692.45	Au-FA
119) GOS21-99 (Batch 4)	133	Actlabs	A21-17851	2021-11-18	\$2,694.61	Au-FA
120) GOS21-100 (Batch 3)	50	Actlabs	A21-17848	2021-11-11	\$968.59	Au-FA
121) GOS21-96 Re-Run	31	Actlabs	A21-18566	2021-09-04	\$329.84	Au-FA (re-assay)
122) GOS21-98 Re-Run	31	Actlabs	A21-18709	2021-09-04	\$329.84	Au-FA (re-assay)
123) GOS21-100 (Batch 4)	140	Actlabs	A21-18799	2021-11-18	\$2,683.54	Au-FA
124) GOS21-100 (Batch 5)	106	Actlabs	A21-18797	2021-11-18	\$2,036.66	Au-FA
125) GOS21-101 (Batch 1)	137	Actlabs	A21-18819	2021-11-18	\$2,839.72	Au-FA
126) GOS21-101 (Batch 2)	140	Actlabs	A21-18793	2021-11-18	\$2,683.54	Au-FA
127) GOS21-101 (Batch 3)	141	Actlabs	A21-18817	2021-11-18	\$2,881.20	Au-FA
128) GOS21-101 (Batch 4)	52	Actlabs	A21-18820	2021-11-18	\$1,067.42	Au-FA
131) GOS21-102 (Batch 3)	50	Actlabs	A21-19331	2021-11-18	\$959.68	Au-FA
132) GOS21-103 (Batch 1)	140	Actlabs	A21-19333	2021-11-23	\$2,683.54	Au-FA
134) GOS21-103 (Batch 3)	70	Actlabs	A21-20688	2021-11-23	\$1,341.77	Au-FA
135) GOS21-103 (Batch 4)	140	Actlabs	A21-20392	2021-11-23	\$2,683.54	Au-FA
136) GOS21-103 (Batch 5)	140	Actlabs	A21-20391	2021-12-24	\$2,771.73	Au-FA
137) GOS21-103 (Batch 6)	36	Actlabs	A21-20390	2021-10-28	\$685.98	Au-FA
138) GOS21-102 (Batch 4)	124	Actlabs	A21-20687	2021-12-24	\$2,527.57	Au-FA
139) GOS21-103 Re-Run	25	Actlabs	A21-21499	2022-01-10	\$266.00	Au-FA (re-assay)
140) GOS21-101 Re-Run	31	Actlabs	A21-21505	2021-09-23	\$329.84	Au-FA (re-assay)
140) GOS21-101 Re-Run	31	Actlabs	A21-21507	2021-12-30	\$340.48	Au-FA (re-assay)

Actlabs Total: \$379,279.42

AGAT Labs Invoices						
GOS21-95, GOS21-98: 21B824834	41	AGAT	21875688M	2021-11-17	\$830.00	Au-FA (re-assay)
GOS21-96, GOS21-99, GOS21-100, GOS21-101: 21B82084	72	AGAT	21873549M	2021-11-11	\$1,430.00	Au-FA (re-assay)
GOS21-94, GOS21-95, GOS21-96, GOS21-97: 21B824983	35	AGAT	21874380M	2021-11-12	\$716.00	Au-FA (re-assay)
GOS21-87, GOS21-93: 21B825102	11	AGAT	21874588M	2021-11-15	\$249.00	Au-FA (re-assay)
GOS21-78, GOS21-81: 21B841336	49	AGAT	21887649M	2021-12-20	\$956.75	Au-FA (re-assay)
GOS21-85, GOS21-87, GOS21-88, GOS21-90: 21B846093	132	AGAT	21890055M	2021-12-29	\$2,548.00	Au-FA (re-assay)
GOS21-74, GOS21-75, GOS21-76, GOS21-78, GOS21-79: 21B845869	113	AGAT	21890063M	2021-12-29	\$2,187.00	Au-FA (re-assay)
GOS21-76, GOS21-82, GOS21-85, GOS21-84, GOS21-86, 21B845938	121	AGAT	21890205M	2021-12-29	\$2,339.00	Au-FA (re-assay)

GOS21-76, GOS21-80, GOS21-81, GOS21-83, GOS21-86: 21B845924	122	AGAT	22893745M	2022-01-10	\$2,380.50	Au-FA (re-assay)
GOS21-70, GOS21-71, GOS21-72, GOS21-73, GOS21-74: 21B845852	115	AGAT	22893746M	2022-01-10	\$2,229.50	Au-FA (re-assay)
GOS21-87, GOS21-92, GOS21-93: 21B824961	32	AGAT	21874372M	2021-11-12	\$659.00	Au-FA (re-assay)

AGAT Total: \$16,524.75

Chenier Drilling Invoices						
Drill Hole	Date From	Date To	Contractor	Invoice #	Invoice Date	Total
GOS21-63	28/01/2021	31/01/2021	Chenier Drilling	360	31/01/2021	\$18,018.77
GOS21-63, GOS21-64, GOS21-65	01/02/2021	15/02/2021	Chenier Drilling	361	15/02/2021	\$83,165.29
GOS21-65, GOS21-66	16/02/2021	28/02/2021	Chenier Drilling	362	28/02/2021	\$87,080.42
GOS21-68	12/03/2021	15/03/2021	Chenier Drilling	363	15/03/2021	\$14,909.25
GOS21-66, GOS21-67, GOS21-69	01/03/2021	15/03/2021	Chenier Drilling	364	15/03/2021	\$96,750.99
GOS21-69, GOS21-70	16/03/2021	31/03/2021	Chenier Drilling	365	31/03/2021	\$98,671.13
GOS21-68, GOS21-71	16/03/2021	31/03/2021	Chenier Drilling	366	31/03/2021	\$99,317.75
GOS21-71, GOS21-73, GOS21-74	01/04/2021	15/04/2021	Chenier Drilling	369	15/04/2021	\$83,020.58
GOS21-72, GOS21-75	01/04/2021	15/04/2021	Chenier Drilling	370	15/04/2021	\$66,733.70
GOS21-75, GOS21-77	16/04/2021	30/04/2021	Chenier Drilling	371	30/04/2021	\$69,293.25
GOS21-74, GOS21-76	16/04/2021	29/04/2021	Chenier Drilling	372	30/04/2021	\$63,086.47
GOS21-81	13/05/2021	15/05/2021	Chenier Drilling	373	15/05/2021	\$7,296.70
GOS21-78, GOS21-80	01/05/2021	15/05/2021	Chenier Drilling	374	15/05/2021	\$94,618.89
GOS21-77, GOS21-79, GOS21-82	01/05/2021	15/05/2021	Chenier Drilling	375	15/05/2021	\$62,939.70
GOS21-81, GOS21-83	16/05/2021	31/05/2021	Chenier Drilling	376	31/05/2021	\$105,055.67
GOS21-80, GOS21-76	16/05/2021	31/05/2021	Chenier Drilling	377	31/05/2021	\$64,208.86
GOS21-82, GOS21-84	16/05/2021	31/05/2021	Chenier Drilling	378	31/05/2021	\$60,102.25
GOS21-84, GOS21-87	01/06/2021	15/06/2021	Chenier Drilling	379	15/06/2021	\$62,298.52
GOS21-83, GOS21-86	01/06/2021	15/06/2021	Chenier Drilling	380	15/06/2021	\$89,277.00
GOS21-76, GOS21-85	01/06/2021	15/06/2021	Chenier Drilling	381	15/06/2021	\$42,965.42
GOS21-86, GOS21-90	16/06/2021	30/06/2021	Chenier Drilling	382	30/06/2021	\$84,536.22
GOS21-85, GOS21-88	16/06/2021	30/06/2021	Chenier Drilling	383	30/06/2021	\$64,018.62
GOS21-87	16/06/2021	30/06/2021	Chenier Drilling	384	30/06/2021	\$35,792.50
GOS21-87	01/07/2021	15/07/2021	Chenier Drilling	385	15/07/2021	\$17,437.90
GOS21-88, GOS21-92	01/07/2021	13/07/2021	Chenier Drilling	386	15/07/2021	\$40,020.65
GOS21-90, GOS21-91, GOS21-93	01/07/2021	15/07/2021	Chenier Drilling	387	15/07/2021	\$86,864.02
GOS21-87	16/07/2021	18/07/2021	Chenier Drilling	388	31/07/2021	\$6,430.00
GOS21-92	17/07/2021	29/07/2021	Chenier Drilling	389	31/07/2021	\$54,972.28
GOS21-93	16/07/2021	31/07/2021	Chenier Drilling	390	31/07/2021	\$27,480.40
GOS21-94	01/08/2021	07/08/2021	Chenier Drilling	391	15/08/2021	\$23,066.85
GOS21-95	08/08/2021	15/08/2021	Chenier Drilling	392	15/08/2021	\$29,761.85
GOS21-96, GOS21-97	01/08/2021	15/08/2021	Chenier Drilling	393	15/08/2021	\$89,830.42
GOS21-99	16/08/2021	31/08/2021	Chenier Drilling	394	31/08/2021	\$31,614.82

GOS21-98, GOS21-100	16/08/2021	31/08/2021	Chenier Drilling	395	31/08/2021	\$115,203.44
GOS21-100, GOS21-101	01/09/2021	15/09/2021	Chenier Drilling	396	15/09/2021	\$72,463.08
GOS21-95	16/08/2021	21/08/2021	Chenier Drilling	397	31/08/2021	\$24,498.55
GOS21-99	01/09/2021	12/09/2021	Chenier Drilling	398	15/09/2021	\$33,979.70
GOS21-102	22/09/2021	28/09/2021	Chenier Drilling	399	30/09/2021	\$43,130.22
GOS21-101, GOS21-103	16/09/2021	30/09/2021	Chenier Drilling	400	30/09/2021	\$52,261.17
GOS21-103	01/10/2021	10/10/2021	Chenier Drilling	401	15/10/2021	\$81,971.52
GOS21-102	01/10/2021	13/10/2021	Chenier Drilling	402	15/10/2021	\$18,083.60
GOS21-63 (Mobilization)	27/01/2021	27/01/2021	Chenier Drilling	360	31/01/2021	\$5,500.00
GOS21-81 (Mob-Barge)	05/05/2021	05/05/2021	Chenier Drilling	373	15/05/2021	\$10,100.00
GOS21-102, GOS21-103 (De-Mob)	14/10/2021	14/10/2021	Chenier Drilling	402	15/10/2021	\$2,640.00
Chenier Total:						\$2,420,468.42